Documentation of Environmental Indicator Determination
Part 111/RCRA Corrective Action
Interim Final 2/5/99
Environmental Indicator (EI) RCRIS Code (CA 725)

Current Human Exposures Under Control

Facility Name: Johnson Controls
Facility Address Fowlerville, Michigan
Facility EPA ID# MID-099-124-299

1. Has **all** available relevant/significant information on known and reasonable suspected releases to soil, groundwater, surface water/sediments, and air, subject to RCRA Corrective Action (e.g., from Solid Waste Management Units (SWMU), Regulated Units (RU), and Areas of Concern (AOC), been **considered** in this EI determination?

   X If yes – check here and continue with #2 below.

   __ If no – re-evaluate existing data, or

   __ If data are not available skip to #6 and enter "IN" (more information needed) status code.

The Johnson Controls Inc. (JCI) site in Fowlerville, Michigan currently exists as a relatively flat grassy field. Surface runoff from the site discharges into the Red Cedar River. Groundwater flow at the site is to the west and discharges into the Red Cedar River. The site is bordered by commercial/light industrial properties to the north and east, a railroad track to the site, the Red Cedar River to the west, and wetland/floodplain areas to the northwest. No remediation systems are present at the site. No structures or buildings of any type are located on the site. The site is fenced.

Interim action taken during 2003 resulted in the removal and appropriate disposal of approximately 83,900 tons of contaminated soil, verification sampling and analyses to confirm removal, and backfilling of excavated areas with clean fill material. Excavation proceeded to the water table at approximately 95% of the excavation areas. Excavation depths ranged from 4 to 8 feet, depending on the depth of the water table. Free product at the site (kerosene) was also excavated and removed. Both the north ditch and the south ditch, which drain into the Red Cedar River, were excavated and backfilled with clean fill material.

All soil, groundwater, surface water, and sediment data collected from areas not remediated during interims action have been considered in this EI determination.

BACKGROUND

Definition of Environmental Indicators (for the RCRA Corrective Action)

Environmental Indicators (EI) are measures being used by the RCRA Corrective Action program to go beyond programmatic activity measures (e.g., reports received and approved, etc) to track changes in the quality of the environment. The two EI developed to-date indicate the quality of the environment in relation to current human exposures to contamination and the migration of contaminated groundwater. An EI non-human (ecological) receptors is intended to be developed in the future.

Definition of "Current Human Exposures Under Control" EI

A positive "Current Human Exposures Under" Control EI determination ("YE" status code) indicates that there are no "unacceptable" human exposures to "contamination" (i.e., contaminants in concentrations in excess of appropriate risk-based levels) that can be reasonably expected under current land and groundwater use conditions (for all "contamination" subject to RCRA Corrective Action at or from the identified facility (i.e., site-wide).

Relationship of EI to Final Remedies

While Final remedies remain the long-term objective of the RCRA Corrective Action program the EI are near-term objectives which are currently being used as Program measures for the Government Performance and Results Act of 1993, or GPRA. The "Current Human Exposures Under Control" EI are for reasonably expected human exposures under current land and groundwater use conditions ONLY, and do not consider potential future land or groundwater use conditions or ecological receptors. The RCRA Corrective Action program's overall mission to protect human health and the environment requires that Final remedies address these issues (i.e., potential future human exposure scenarios, future land and ground water uses, and ecological receptors).

Duration/Applicability of EI Determinations

EI Determinations status codes should remain in the RCRIS national database ONLY as long as they remain true (i.e., RCRIS status codes must be changed when the regulatory authorities become aware of contrary Information).

2. Are groundwater, soil, surface water, sediments, or air **media** known or reasonably suspected to be **"contaminated"** above appropriately protective risk-based "levels" (applicable promulgated standards, as well as other appropriate standards, guidelines, guidance, or criteria) from releases subject to RCRA Corrective Action (from SWMUs, RUs or AOCs)?

	Yes	No	?	Rationale/Key Contaminants
Groundwater	X			Chemicals exceeded criteria (see below)
Air (indoors) (2)		X		No exceedances were noted (see below)
Surface Soil (e.g., <2 ft)	X			Chemicals exceeded criteria (see below)
Surface Water		X		No exceedances were noted (see below)
Sediment		X		No exceedances were noted (see below)
Subsurface Soil	X			Chemicals exceeded criteria (see below)
Air (outdoors)		X		No exceedances were noted (see below)

_____ If no (for all media), skip to #6, and enter "YE" status code after providing or citing appropriate levels, and referencing sufficient supporting documentation demonstrating that these levels are not exceeded.

___X___ If yes (for any media), continue after identifying key contaminants in each "contaminated" medium. Cite appropriate "levels" (or provide an explanation

for the determination that the medium could pose an unacceptable risk), and referencing supporting documentation.

_____ If unknown (for any media)-skip to #6 and enter an "IN" status code.

Rationale and Reference(s):

Concentrations of chemicals in each medium were compared to MDEQ generic cleanup levels and site-specific criteria for determination of "contaminated" media. For groundwater, air (indoors), surface soil, surface water, subsurface soil, and air (outdoors), applicable criteria are the MDEQ Part 201 generic cleanup levels (Part 201 of Michigan Public Act 451). Site-specific criteria were developed for sediment. The attached "Human Health Environmental Indicators Support Document" (ETW 2003) contains further information concerning the criteria, site-specific criteria development, and criteria comparisons.

Groundwater

The applicable generic groundwater Part 201 criteria used include groundwater contact criteria; groundwater surface water interface (GSI) human-health based criteria; groundwater residential drinking water criteria; and groundwater volatilization to indoor air criteria.

Groundwater concentrations in at least one sample exceeded the most stringent of the applicable criteria. Groundwater contains chemicals at levels in excess of residential drinking water criteria, including 1,1-dichloroethene, cis-1,2-dichloroethene, methylene chloride, trans-1,2-dichloroethene, trichloroethene (TCE), vinyl chloride, arsenic, cadmium, lead, nickel, and cadmium (dissolved). However, JCI is establishing groundwater use restrictions for the property; therefore Part 201 generic residential drinking water criteria are not applicable for on-site groundwater. Also, there are no on-site users of groundwater. Off-site groundwater chemicals exceeding criteria include TCE at Geoprobe borings OE-2 and OE-3, which are immediately upgradient of the east property line and vinyl chloride in MW-OS3, which is adjacent to the Red Cedar River. Groundwater is contaminated at levels in excess of residential drinking water, and GSI for human health (GSI-HH) criteria (i.e., ingestion routes only), and GSI criteria for TCE and vinyl chloride. Chemicals in groundwater that exceed generic GSI criteria include cis-1,2-dichloroethene, TCE, vinyl chloride, arsenic, cadmium (total and dissolved), copper, lead, nickel, cyanide-free, and hexavalent chromium (dissolved). Therefore, groundwater is considered "contaminated" per CA 725.

Soil

The applicable generic Part 201 soil criteria used includes soil residential drinking water protection; soil GSI protection; soil GSI protection-human health based; soil infinite volatilization; soil particulate inhalation; soil industrial/commercial II direct contact; and soil statewide default background. Surface soil and subsurface soil concentrations in at least one sample exceeded the most stringent of the applicable criteria. Chemicals in surface soil having concentrations above comparison criteria include: arsenic, methylene chloride, TCE, and total cyanide (residential drinking water protection); arsenic, fluoranthene, hexavalent chromium, copper, mercury, selenium, silver, cyanide, and zinc (soil GSI protection); arsenic, fluoranthene, pyrene, copper, lead, mercury, and zinc (soil GSI protection-human health based); and arsenic (industrial/commercial II soil direct contact). Chemicals in subsurface soil having concentrations above comparison criteria include: arsenic, methylene chloride, and TCE (residential drinking water protection); arsenic, hexavalent chromium, selenium, silver, mercury, cyanide and zinc (soil GSI protection); and arsenic, lead, mercury, and zinc (soil GSI protection-human health based). Therefore, surface and subsurface soil are considered "contaminated" per CA 725.

Surface Water/Sediment

The adjacent Red Cedar River is small and not attractive for swimming or other recreational activities. There is no indication that it supports a significant sport fishery (e.g., observation of fishing activity, lost fish lines, bait shops, marinas, etc.). While there may be occasional recreational activity such as swimming or canoeing, the river is too small to support regular recreational activities. There are no swimming beaches or canoe liveries nearby, and the river is not a public water supply. Applicable generic Part 201 groundwater criteria (GSI-human health based) were used to evaluate potential exposure to chemicals in surface water. The GSI-HH criteria are the MDEQ's human health GSI criteria for non-drinking water surface water bodies and include incidental ingestion of chemicals that may occur during recreational activities such as swimming and ingestion of fish exposed to the water. For sediment, site-specific, human health-based criteria for direct contact and consumption of contaminated fish were developed following MDEQ Part 201 protocol and USEPA guidance. No exceedances of criteria were noted for surface water and sediment. Furthermore, the river provides sufficient mixing to dilute discharges of chemicals in groundwater to concentrations less than these criteria. Therefore, these media are not considered "contaminated" per CA 725.

Air

While indoor and outdoor air samples were not collected, soil and groundwater concentrations were compared to Part 201 generic criteria for groundwater volatilization to indoor air, soil infinite volatilization to outdoor air, and outdoor soil particulate inhalation. Furthermore, there are no buildings on the property and interim actions removed contaminated surface and subsurface soils. No exceedances of criteria were noted for air (indoors) and air (outdoors). Therefore, air indoors and outdoors is not considered "contaminated" per CA 725.

Footnotes:

(1) "Contamination" and "contaminated" describes media containing contaminants (in any form, NAPL and/or dissolved, vapors, or solids, that are subject to RCRA) in concentrations in excess of appropriately protective risk-based "levels" (for the media, that identify risks within the acceptable risk range).
(2) Recent evidence (from the Colorado Dept. of Public Health and Environment and others) suggest that unacceptable indoor air concentrations are more common in structures above groundwater with volatile contaminants than previously believed. This is a rapidly developing field and reviewers are encouraged to look to the latest guidance for the appropriate methods and scale of demonstration necessary to be reasonable certain that indoor air (in structures located above (and adjacent to) groundwater with volatile contaminants) does not present unacceptable risks.

3. Are there **complete pathways** between "contamination" and human receptors such that exposures can be reasonably expected under the current (land- and groundwater-use) conditions?

Summary Exposure Pathway Evaluation Table

Potential **HUMAN RECEPTORS** (under current conditions)

Contaminated Media	Residents	Workers	Day Care	Construction	Trespassers	Recreation	Food(3)
Groundwater	No	No	No	Yes			No
~~Air (indoors)~~	____	____	____				
Surface Soil (e.g., <2 ft)	No	No	No	Yes	Yes	No	No
~~Surface Water~~	____	____			____	____	____
~~Sediment~~	____	____			____	____	____
Soil (e.g., > 2 ft)				Yes			No
~~Air (outdoors)~~	____	____	____	____	____		

Instructions for Summary Exposure Pathway Evaluation Table:

1. Strike-out specific Media including Human Receptors' spaces for media which are not "contaminated" as identified in #2 above.

2. Enter "yes" or "no" for potential "completeness" under each "Contaminated" Media – Human Receptor combination (Pathway).

Note: In order to focus the evaluation to the most probable combinations some potential "Contaminated" Media – Human Receptor combinations (Pathways) do not have check spaces ("___"). While these combinations may not be probable in most situations they may be possible in some settings and should be added as necessary.

_____If no (pathways are complete for any contaminated media-receptor combination)- skip to #6, and enter "YE" status code, after explaining and/or referencing condition(s) in place, whether natural or man-made, preventing a complete exposure pathway from each contaminated medium. (e.g. use optional Pathway Evaluation Work Sheet to analyze major pathways).

___X___If yes (pathways are complete for any "Contaminated" Media-Human-Receptor combination)-continue after providing supporting explanation in the rationale and references box below.

_____If unknown for any ("Contaminated Media-Human Receptor combination"), skip to #6 and enter an "IN" status code.

Rationale and Reference(s):

Air indoors, air outdoors, surface water and sediment are not "contaminated" per Question 2. Therefore, complete exposure pathways for these media are not addressed. For the remaining media (i.e., groundwater, surface soil and subsurface soil), several exposure pathways are not complete because no receptor is present. Residents, workers, and day care facilities are not exposed to contaminated media because these receptors are not present on the site. Exposure through food sources is not complete because gardens and livestock are not present on the property. Recreational exposure to surface water and sediments may occur, but concentrations of chemicals in these media are less than criteria for protection of human health. Recreational exposure to food (fish from the river) may occur, but concentrations of PCBs in sediments are overall less than concentrations that will result in fish tissue concentrations that could have unacceptable human health impacts. In addition, no fishing or recreational activities have been observed in the Red Cedar River near the site and the site itself is not used for recreation. Thus, the on-site residents, workers, day care, recreation, and food human receptor groups and the air (indoor and outdoor), surface water and sediment contaminated media are not complete exposure pathways.

Groundwater

Groundwater on site is not used for any purpose, including drinking. JCI is establishing groundwater use restrictions for the property. There is no known use of groundwater to the east, north or south of the site and these areas are served by the municipal water supply. There is a house approximately 950 feet west of the site across the river that uses groundwater. The house is located 850 feet upgradient of the known impacted monitoring well on the west side of the river and no impacts were observed in a shallow and deep monitoring cluster located between the house and the site. Thus, residential use of groundwater is not a complete exposure pathway.

Shallow groundwater is present at a depth of 4 to 8 feet below ground surface. Construction workers may indirectly contact this groundwater during excavation activities. Thus, this direct contact pathway is potentially complete for construction workers.

Surface and Subsurface Soil

The property is currently inactive open land with no buildings or operations except for environmental investigation and remediation activities. Although no construction activities are currently on-going, construction workers may be exposed to residual on-site contaminated surface and subsurface soils. There is a potential for trespassers to enter the property by climbing the fence that surrounds the site. These trespassers may be exposed to residual on-site contaminated surface soil.

The following exposure pathways between "contamination" and human receptors are potentially complete and can reasonably be expected with the current use of land and groundwater:

- Construction workers may be exposed to on-site contaminated surface soil;
- Trespassers may be exposed to on-site contaminated surface soil;
- Construction workers may be exposed to contaminated subsurface soil during excavation activities; and
- Construction workers may be exposed to contaminated groundwater during excavation activities.

The attached "Human Health Environmental Indicators Support Document" (ETW 2003) contains further information concerning inclusion and exclusion of exposure pathways.

4. Can the **exposures** from any of the complete pathways identified in #3 be reasonably expected to be **significant** (4) (i.e., potentially "unacceptable" because exposures can be reasonably expected to be: 1) greater in magnitude (intensity, frequency, and/or duration) than assumed in the derivation of the acceptable "levels" (used to identify the "contamination"); or 2) the combination of exposure magnitude (perhaps even though low) and contaminant concentrations (which may be substantially above the acceptable "levels") could result in greater than acceptable risks?

   ___X__If no (exposures cannot be reasonably expected to be significant (i.e., potentially "unacceptable") for any complete exposure pathway) - skip to #6 and enter "YE" status code after explaining and/or referencing documentation justifying why the exposures (from each of the complete pathways) to "contamination" (identified in #3) are not expected to be "significant".

   _____If yes (exposures could be reasonably expected to be "significant" (i.e., potentially "unacceptable") for any complete exposure pathway) - continue after providing a description (of each potentially "unacceptable" exposure pathway) and explaining and/or referencing documentation justifying why the exposures (from each of the remaining complete pathways) to "contamination" identified in #3) are not expected to be "significant".

   _____If unknown (for any complete pathway), skip to #6 and enter "IN" status

   Rationale and Reference(s):

All exposures from the pathways identified in #3 are considered insignificant per CA 725. The following is a brief summary of the insignificant exposure pathway rationale. The attached "Human Health Environmental Indicators Support Document" (ETW 2003) contains further information concerning the significance of exposure pathways.

The owners of the site or representatives of the owners control access to the site, and the site is fenced. Exposure of construction workers to on-site residual contaminated surface and subsurface soil is not currently significant because such exposures are carefully controlled and limited by an existing health and safety program that all construction workers on site follow. Any construction activities not related to remedial activities, such as utility maintenance, are also required to follow appropriate health and safety procedures. While arsenic was detected in surface soil exceeding industrial/commercial II direct contact criteria (37 mg/kg) at three discrete sample locations at concentrations ranging from 40 to 44 mg/kg, the 95 percent upper confidence limit (95UCL) average concentration of arsenic in surface soil (14.07 mg/kg) is below this generic direct contact criteria. No chemicals were detected in subsurface soil at concentrations exceeding the default criteria for direct contact with soil. Other soil criteria that were exceeded (e.g., GSI protection human-health based) do not apply to construction workers. Therefore, exposure of construction workers to surface and subsurface soil is considered insignificant.

While a construction worker may come in direct contact with shallow groundwater during excavation activities, exposure of construction workers is not currently significant because such exposures are carefully controlled and limited by an existing health and safety program that all construction workers on site follow. In addition, no chemicals in groundwater exceeded Part 201 generic criteria for direct contact with groundwater. Thus, exposure of construction workers to contaminated groundwater is not currently significant.

While access to the site is controlled and the site is fenced, individuals may trespass on the property. Trespassers are not likely to engage in activities that could result in significant exposure, nor are trespassers likely to remain long on the site or trespass only in areas where concentrations of chemicals in soil exceed criteria. In addition, exposure of a trespasser is expected to be less than the exposure of an industrial/commercial worker, and industrial direct contact soil criteria have not been exceeded. Thus, exposure of trespassers to on-site contaminated surface soil is not currently significant for these reasons.

(4) If there is any question on whether the identified exposures are "significant" (i.e. potentially "unacceptable") consult a human health Risk Assessment specialist with appropriate education, training, and experience.

5. Can the significant **exposures** (identified in #4) be shown to be within **acceptable** limits?

____If yes (all significant exposures have been shown to be within acceptable limits) - continue and enter "YE" after summarizing and referencing documentation justifying why all "significant" exposures to "contamination" are within acceptable limits (e.g., a site-specific Human Health Risk Assessment).

_____If no, (there are current exposures that can be reasonably expected to be unacceptable) continue and enter the "NO" status code after providing a description of each potentially "unacceptable" exposure.

_____If unknown (for any potentially "unacceptable" exposure), continue and enter "IN" status code.

Rationale and Reference(s):

6. Check the appropriate RCRIS status codes for the Current Human Exposures Under Control EI event code (CA 725), and obtain Supervisor (or appropriate Manager) signature and date on the EI determination below (reference appropriate supporting documentation as well as a map of the facility):

___X___YE = yes, "Current Human Exposures under Control" has been verified. Based on a review of the information contained in this EI Determination, "Current Human Exposures" are expected to be "Under Control" at the ___Johnson Controls facility, EPA ID #MID-099-124-299 located at Fowlerville, Michigan, under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

_____NO = "Current Human Exposures" are NOT "Under Control".

_____IN = More information is needed to make a determination.

All exposures have been controlled as required by the human health risk-based definitions specified in CA 725.

Completed by _____ Date:_____

Supervisor _____ Date_____

_____

_____

_____

Locations where References may be found: **The attached "Human Health Environmental Indicators Support Document" (ETW 2003) contains further information.**

_____

Contact telephone and e-mail numbers:

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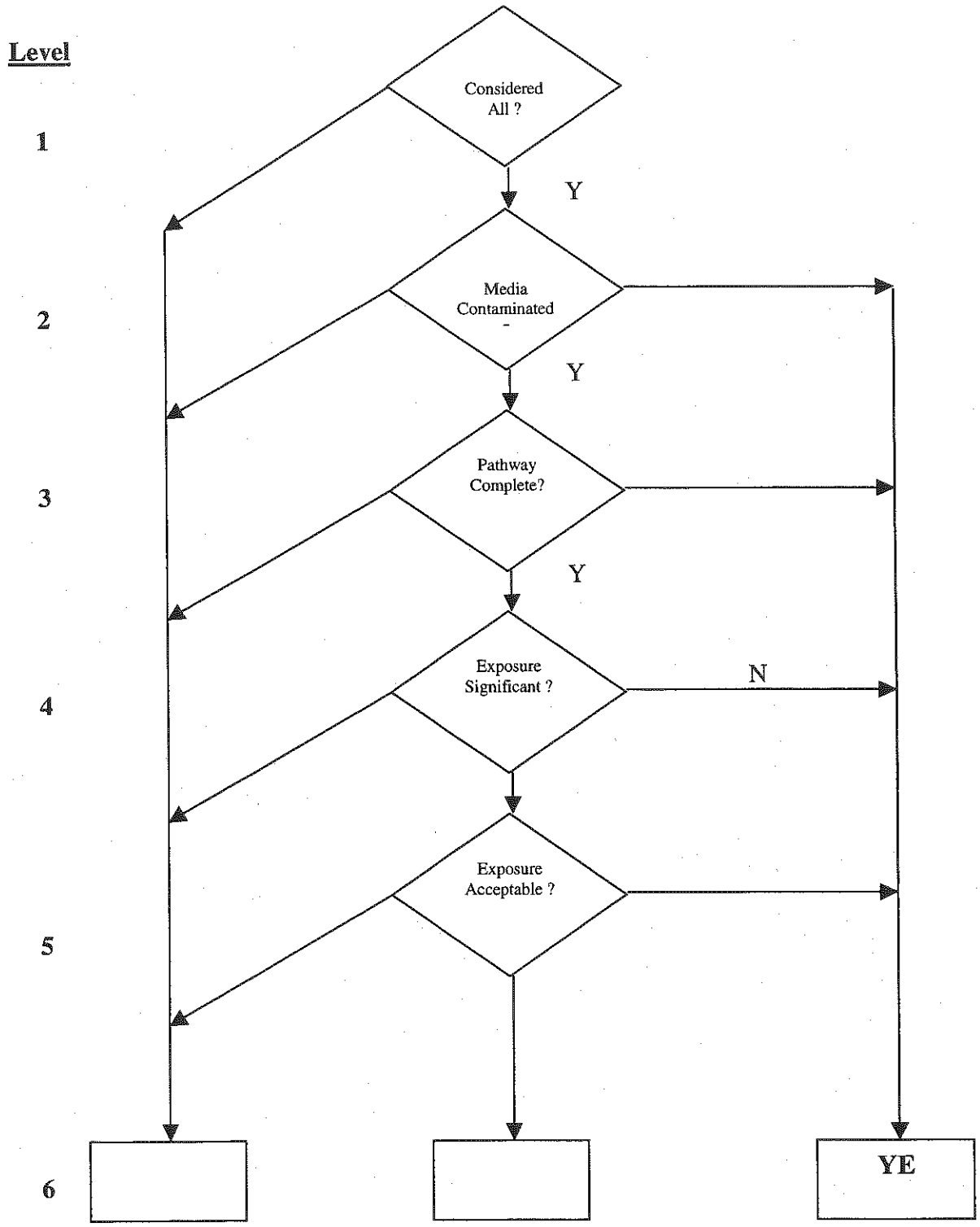
Final Note: The Human Exposure EI is a Qualitative Screening of exposures and the determinations within this document should not be used as the sole basis for restricting the scope of more detailed (e.g. site-specific) assessments of risk.

Facility Name JOHNSON CONTROLS
EPA ID# MID-099-124-299
City/State Fowlerville, Michigan

CURRENT HUMAN EXPOSURES UNDER CONTROL (CA 725)



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engineering and technology

HUMAN HEALTH ENVIRONMENTAL INDICATORS SUPPORT DOCUMENT FORMER STANLEY TOOLS FOWLERVILLE, MICHIGAN

Prepared for:

Johnson Controls, Inc
Plymouth, MI

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February 13, 2004

Earth Tech Project No. 65468

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SUPPLEMENTAL DOCUMENTATION OF ENVIRONMENTAL INDICATOR DETERMINATION

RCRA CORRECTIVE ACTION
ENVIRONMENTAL INDICATOR (EI) RCRIS CODE (CA 725)

INTRODUCTION

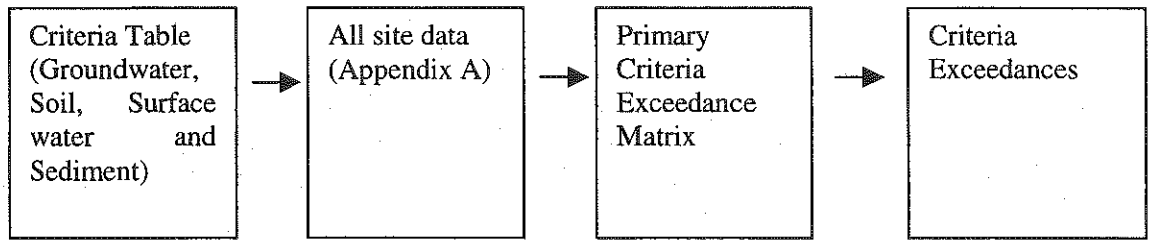
The Johnson Controls, Inc. (JCI) site in Fowlerville, Michigan currently exists as a relatively flat grassy field. Surface runoff from the site discharges into the Red Cedar River. Groundwater flow at the site is to the west and discharges into the Red Cedar River. The site is bordered by commercial/light industrial properties to the north and east, a railroad track to the site, the Red Cedar River to the west, and wetland/floodplain areas to the northwest. No remediation systems are present at the site. No structures or buildings of any type are located on the site. The site is fenced.

During the summer and fall of 2003, soil at the site was excavated to remove potential source materials contributing to unacceptable exposures. This interim action resulted in the removal and appropriate disposal of approximately 83,900 tons of contaminated soil, verification sampling and analyses to confirm removal, and backfilling of excavated areas with clean fill material. Excavation proceeded to the water table at approximately 95% of the excavation areas. Excavation depths ranged from 4 to 8 feet, depending on the depth of the water table. Figure 1 shows the total area excavated. Free product at the site (kerosene) was also excavated and removed. Both the north ditch and the south ditch, which drain into the Red Cedar River, were excavated and backfilled with clean fill material.

All soil, groundwater, surface water, and sediment data collected from areas not remediated during interims action have been considered in this EI determination. Figures 2 through 5 present sampling locations for data used in this report. All site data are provided in Appendix A.

ROAD MAP FOR DATA EVALUATION

An extensive analytical database has been reviewed in order to determine the extent to which exposures are under control at the site. In an effort to facilitate the efficient review of all relevant data, a prescribed process has been chosen that is diagrammatically presented below.



CRITERIA TABLE

Criteria used to complete the CA 725 form include generic MDEQ Part 201 criteria (Michigan Public Act 451, Part 201) or site-specific criteria developed consistent with MDEQ and EPA guidelines. Criteria are presented in Tables 1 through 3. These criteria provide the basis for determining if current human exposures are under control. For groundwater, air (indoors), surface soil, surface water, subsurface soil, and air (outdoors), applicable criteria are the MDEQ Part 201 generic cleanup levels. Site-specific human health criteria were developed for sediment.

The applicable generic groundwater Part 201 criteria used include groundwater contact criteria; groundwater groundwater-surface water interface (GSI) human-health based criteria; groundwater

residential drinking water criteria; and groundwater volatilization to indoor air criteria. Although no structures are located on the site, Part 201 volatilization to indoor air criteria has been retained for comparison purposes. The applicable Part 201 generic soil criteria used include soil residential drinking water protection; soil GSI protection; soil GSI protection-human health based; soil infinite volatilization; soil particulate inhalation; soil industrial/commercial II direct contact; and soil statewide default background. Applicable Part 201 groundwater criteria (i.e., GSI-human health based) were used to evaluate potential exposure to chemicals in surface water. For sediment, site-specific, human health-based criteria for direct contact and consumption of contaminated fish were developed following MDEQ Part 201 protocol and USEPA guidance. On November 5, 2003, EPA provided comments on the proposed methodology for development of sediment criteria (this letter is included as Appendix D). Appendix B presents the site-specific criteria development, which incorporates these EPA comments.

EXCEEDANCE MATRIX (SAMPLE ID BY CRITERION)

All data were compared to applicable criteria on a sample-specific basis in order to indicate if an exceedance of a criterion existed for the environmental medium. Criteria exceedance matrices are presented in Tables 4 through 8. The sample – criteria exceedance matrix qualitatively denotes those samples that contained at least one chemical in excess of a specified criterion. Thus, no flag has been entered in any criterion row/column element for samples in which no criteria were exceeded. The occurrence of a flag in any criterion row/column element indicates that at least one chemical was detected at a concentration greater than the noted criterion.

CRITERIA EXCEEDANCE TABLE (SAMPLE ID BY CHEMICAL, CRITERION)

Individual sample exceedances of criteria for groundwater and soil are presented on Tables 9, 10, and 11, respectively. Individual sample exceedance tables for surface water and sediment tables are not included because there were no exceedances in these media. Table 12 presents a summary of the observed soil exceedences by criterion for discrete sample locations and for the site-wide average concentration represented by the 95 percent upper confidence limit (95% UCL) on the mean.

SUPPLEMENTAL DOCUMENTATION OF ENVIRONMENTAL INDICATOR DETERMINATION

RCRA CORRECTIVE ACTION
ENVIRONMENTAL INDICATOR (EI) RCRIS CODE (CA 725)

1. **Has all available relevant/significant information on known and reasonable suspected releases to soil, groundwater, surface water/sediments, and air, subject to RCRA Corrective Action (e.g., from Solid Waste Management Units (SWMU), Regulated Units (RU), and Areas of Concern (AOC), been considered in this EI determination?**

All available relevant and significant data and information concerning known and reasonable suspected releases to all media have been considered in developing this EI determination. The following information in this section provides a summary of the data.

The site analytical data were collected during historical and recent site investigations. Data were collected in 1991-2000 by URS, Inc. for groundwater, surface water, sediment, and soil. Recent data were collected in 2003 by Earth Tech-Weston (ETW) for the same environmental media to further characterize the site, support excavation/interim measures action, verify that the contamination was removed from the site, and to determine if the contamination had migrated off-site.

If contaminated soil at a sampling location had been excavated and disposed of off-site, the area was considered to be free of substantial contamination and only verification sample data were relevant to subsequent exposure analyses.

Since previous investigation data have been used to help determine excavation requirements, as well as sampling performed to support interim action, this CA 725 Evaluation has used information from all previous investigations.

Figures showing the site, sample locations in the various media, and relevant interim action are included in this section.

2. Are groundwater, soil, surface water, sediments, or air media known or reasonably suspected to be "contaminated" above appropriately protective risk-based "levels" (applicable promulgated standards, as well as other appropriate standards, guidelines, guidance, or criteria) from releases subject to RCRA Corrective Action (from SWMUs, RUs or AOCs)?

Chemical concentrations from each medium were compared to applicable criteria to determine "contaminated" media. No exceedances of criteria were noted for air (indoors), air (outdoors), sediment, and surface water concentrations, and therefore these media are not considered "contaminated" per CA 725. Groundwater, surface soil, and subsurface soil concentrations exceeded the applicable criteria and are therefore considered "contaminated" per CA 725. The following information in this section details the criteria selected, site-specific criteria development, and the results of the comparison of the analytical data with the criteria.

All criteria are included in Tables 1, 2, and 3. Comparison tables are located in the Tables 4, 5, 6, 7, 8, 9, 10, 11, and 12, with criteria exceedance matrices provided in Tables 4 though 8, and individual sample criteria comparisons provided in Table 9 for groundwater and in Tables 10, 11, and 12 for soil. The complete analytical data set is located in Appendix A. The development of site-specific criteria is presented in Appendix B.

Reporting limits for each medium were checked against the criteria to ensure that they were sufficiently low to make valid data comparisons. In most cases, the reporting limits were equal to or less than the criteria. MDEQ's Operational Memorandum No.6 recommended detection levels were used during the 2003 investigation. For several parameters, recommended detection levels are equal to the lowest MDEQ Part 201 criteria. For certain heavily contaminated samples, matrix interference resulted in elevated detection levels. It should be noted that the laboratory used for the 2003 sampling reported estimated values below the detection level when observed. These estimated values were qualified in the database as "J" when reported by the laboratory. The detection limit evaluation is included in Appendix C.

All criteria were selected based on their relevance to potentially complete exposure pathways at the site. Most criteria used were from the MDEQ Part 201 Generic Cleanup Criteria (Part 201 of Michigan Public Act 451). Criteria based upon the Michigan's Rule 57 Criteria (Rule 323.1057) used in this report are: Groundwater Surface Water Interface – Human Health, Groundwater Surface Water Interface Protection for Soils - Human Health, and Sediment Direct Contact. In certain instances, site-specific criteria were developed using MDEQ and USEPA procedures when the generic default criteria were either not relevant to human health, the pathway of concern, or were not available for particular chemical.

Criteria comparisons showing exceedances indicated that media were "contaminated" media per CA 725. If there were no exceedances the specific media was considered not "contaminated" for purposes of the CA 725 Report. The following information details each media considered for the CA 725 and the resulting comparisons with criteria.

Air (indoors)

While indoor air samples were not collected and no buildings are currently present onsite, groundwater concentrations were compared to Part 201 generic criteria for groundwater volatilization to indoor air. Tables 4 and 9 present the criteria comparison for the indoor air media. Groundwater sampling locations are shown on Figure 2. No exceedances of criteria were noted for air (indoors); therefore, this medium is not "contaminated" per CA 725.

Air (outdoor)

While outdoor air samples were not collected, soil concentrations were compared to Part 201 generic criteria for soil infinite volatilization to outdoor air and outdoor soil particulate inhalation. Tables 3, 7, and 8 present the criteria comparison for the outdoor air media. Soil sampling locations are shown on Figure 5. No exceedances of criteria were noted for air (outdoors); therefore, this medium is not "contaminated" per CA 725. Furthermore, this site is located in a relatively open area and wind will disperse VOCs potentially emitted from soil. Interim actions also removed contaminated surface and subsurface soils.

Groundwater

The applicable groundwater Part 201 criteria used include groundwater contact criteria; groundwater-surface water interface (GSI) human-health based criteria; and groundwater residential drinking water criteria; and groundwater volatilization to indoor air criteria.

The groundwater criteria and/or the methods to calculate these criteria as developed by the MDEQ are accepted by the U.S. EPA's RCRA program. The GSI Human Health criteria were also developed by the MDEQ for implementation of the Clean Water Act. The GSI-HH criteria are the MDEQ's human health GSI criteria for non-drinking water supplies and include incidental ingestion of chemicals that may occur during recreational activities such as swimming and ingestion of fish exposed to the water. GSI criteria for protection of aquatic life and wildlife are included in the Environmental Indicator Report for Migration of Contaminated Groundwater under Control (CA 750).

Groundwater concentrations in at least one sample exceeded the most stringent of the applicable criteria. Groundwater contains chemicals at levels in excess of residential drinking water criteria, including 1,1-dichloroethene, cis-1,2-dichloroethene, methylene chloride, trans-1,2-dichloroethene, trichloroethene (TCE), vinyl chloride, arsenic, cadmium, lead, nickel, and cadmium (dissolved). However, JCI is currently in the process of establishing groundwater use restrictions for the property; therefore Part 201 generic residential drinking water criteria are not applicable for on-site groundwater. Also, there are no on-site users of groundwater.

Off-site groundwater chemicals exceeding criteria include TCE at Geoprobe borings OE-2 and OE-3, which are immediately upgradient of the east property line and vinyl chloride in MW-OS3, which is adjacent to the Red Cedar River. Groundwater is contaminated at levels in excess of residential drinking water, risk-based GSI for human health (GSI-HH) criteria (i.e., ingestion routes only), and GSI criteria for TCE and vinyl chloride. However, there is no known use of off-site groundwater to the east, north or south of the site and these areas are served by the municipal water supply. There is a house 950 feet west of the site across the river that uses groundwater. This house is approximately 850 feet west of MW-OS3 where vinyl chloride was detected. Potentiometric mapping indicates that groundwater flow is eastward toward the river and away from this structure and the house is therefore upgradient of the known impacted monitoring well. In addition, monitoring well cluster MW-27 and -27C is located between the house and MW-OS3. Laboratory analysis of groundwater samples from the MW-27 cluster showed no exceedences of drinking water criteria.

Chemicals in groundwater that exceed generic GSI human health criteria include cis-1, 2-dichloroethene, TCE, vinyl chloride, arsenic, cadmium (total and dissolved), copper, lead, nickel, cyanide-free, and hexavalent chromium (dissolved). The river is small and not attractive for swimming or other recreational activities. Furthermore, chemicals were not detected in the river water at concentrations

above the human health GSI criteria and the river provides sufficient mixing to dilute discharges of chemicals in groundwater to concentrations less than these criteria (see surface water section of this document and Environmental Indicator Report for Migration of Contaminated Groundwater under Control (CA 750).

Tables 1, 4, 9, and Appendix A present the criteria, exceedances, and analytical data utilized for the groundwater comparisons.

Sediment

Michigan has no promulgated generic sediment criteria for protection of human health. Sediment criteria for protection of human health were developed for two exposures: direct contact/incidental ingestion of sediments and ingestion of fish that have bioaccumulated chemicals from the sediments. This part of the Red Cedar River is quite small and there is no indication (observation of fishing activity, lost fish lines, bait shops, marinas, etc.) that it supports a significant sport fishery. Although there is no evidence of recreational use of the river near the site, it is possible. No sport-sized fish of any species were collected in over a mile of stream using electro-shocking methods during October, 2003. This, in the opinion of the fisheries biologist, was related to larger fish seeking deeper water in response to seasonal decreases in water temperature. The fisheries biologist, who had local experience, believed the sport size fish would return in May.

Table 2 presents the site-specific sediment criteria for human health. Appendix B presents the methods and assumptions used to develop these criteria. The sediment direct contact/incidental ingestion criteria were developed with methods used by the MDEQ for other sites in Michigan. The sediment criteria for sediment impacts on fish were developed using standard risk assessment models and assumptions appropriate to the locality and size of the river. The 2003 sediment sampling locations are shown on Figure 3.

Tables 2, 5, and Appendix A indicate the criteria, exceedances, and analytical data utilized for the sediment comparisons. Concentrations of chemicals in all sediment samples were less than the dermal contact/incidental ingestion criteria (or background criteria for several inorganic chemicals presented in Appendix B-10), indicating there is no significant exposure by these routes. Concentrations of PCBs in most sediment samples were less than the sediment criterion for protection of fish and fish ingestion. Concentrations of PCBs in two samples from the RFI did exceed this criterion; however the 95 percent Upper Confidence Level (95% UCL) of the detected concentrations in sediments (0.38 mg/kg as presented in Appendix B-12) was less than the sediment PCB criterion of 7.68 mg/kg and the maximum concentration (11 mg/kg) does not exceed twice this criteria. None of the sediment samples collected in 2003 exceeded this criterion. Therefore, this medium is not "contaminated" per CA 725.

Surface Water

Chemicals were not detected in surface water with concentrations above the Part 201 GSI-HH criteria for human health. The GSI-HH criteria are the MDEQ's human health GSI criteria for non-drinking water surface water bodies and include incidental ingestion of chemicals that may occur that during recreational activities such as swimming and ingestion of fish exposed to the water. The water samples (Figure 4) were collected during a time of low flow, when dilution of groundwater discharges would be low and concentrations therefore high. While there may be occasional recreational activity such as swimming or canoeing, the river is too small to support regular recreational activities. There are no swimming beaches or canoe liveries nearby. Therefore, this medium is not "contaminated" per CA 725.

Tables 1, 6, and Appendix A indicate the criteria, exceedances, and analytical data utilized for the surface water comparisons. The Red Cedar River is shown in Figure 6.

Surface Soil

Historical data from the RFI reports indicated significant contamination of surface soils. Interim action taken during 2003 resulted in the removal and appropriate disposal of approximately 83,900 tons of contaminated soil, verification sampling and analyses to confirm removal, and backfilling of excavated areas with clean fill material. Laboratory analytical data for soils remaining onsite (after the interim measure was completed) were compiled to form the soil database for criteria comparison.

The applicable Part 201 soil criteria used includes soil residential drinking water protection; soil GSI protection; soil GSI protection-human health based; soil infinite volatilization; soil particulate inhalation; soil industrial/commercial II direct contact; and soil statewide default background. Surface soil concentrations in at least one sample exceeded the most stringent of the applicable criteria. Chemicals in surface soil with concentrations above comparison criteria include: arsenic, methylene chloride, TCE, and total cyanide (residential drinking water protection); arsenic, fluoranthene, hexavalent chromium, copper, mercury, selenium, silver, cyanide, and zinc (soil GSI protection); arsenic, fluoranthene, pyrene, copper, lead, mercury, and zinc (soil GSI protection-human health based); and arsenic (industrial/commercial II soil direct contact).

Tables 3, 7, 10, and 12 and Appendix A indicate the criteria, exceedances, and analytical data utilized for the surface soil comparisons. Soil sample locations are shown on Figure 5.

Subsurface Soil

Historical data from the RFI reports indicated significant contamination of subsurface soils. Interim action taken during 2003 resulted in the removal and appropriate disposal of approximately 83,900 tons of contaminated soil, verification sampling and analyses to confirm removal, and backfilling or excavated areas with clean fill material. Laboratory analytical data for soils remaining onsite (after the interim measure was completed) were compiled to form the subsurface soil database for criteria comparison.

The applicable Part 201 soil criteria used includes soil residential drinking water protection; soil GSI protection; soil GSI protection-human health based; soil infinite volatilization; soil particulate inhalation; soil industrial/commercial II direct contact; and soil statewide default background. Subsurface soil concentrations in at least one sample exceeded the most stringent of the applicable criteria. Chemicals in subsurface soil having concentrations above comparison criteria include: arsenic, methylene chloride, and TCE (residential drinking water protection); arsenic, hexavalent chromium, selenium, silver, cyanide, mercury, and zinc (soil GSI protection); and arsenic, lead, mercury, and zinc (soil GSI protection-human health based).

Tables 3, 8, 11, 12 and Appendix A indicate the criteria, exceedances, and analytical data utilized for the soil comparisons. Soil sample locations are shown on Figure 5.

3. Are there complete pathways between "contamination" and human receptors such that exposures can be reasonably expected under the current (land- and groundwater-use) conditions?

An exposure pathway describes the course a chemical takes from the source to the exposed person or other living thing. For an exposure pathway to be complete, contaminants must reach a receptor through an exposure route (e.g., ingestion, inhalation, dermal contact). Air indoors, air outdoors, surface water and sediment are not "contaminated" per Question 2. Therefore, complete exposure pathways for these media are not addressed. For the remaining media (i.e., groundwater, surface soil and subsurface soil), several exposure pathways are not complete because no receptor is present. Residents, workers, and day care facilities are not exposed to contaminated media because these receptors are not present. Exposure through food sources is not complete because gardens and livestock are not present on the property. Recreational exposure to surface water and sediments may occur, but concentrations of chemicals in these media are less than criteria for protection of human health. Recreational exposure to food (fish from the river) may occur, but concentrations of PCBs in sediments are overall less than concentrations that will result in fish tissue concentrations that could have unacceptable human health impacts. In addition, no fishing or recreational activities have been observed in the Red Cedar River near the site and the site itself is not used for recreation. Thus, the on-site residents, workers, day care, recreation, and food human receptor groups and the air (indoors and outdoors), surface water and sediment contaminated media are not complete exposure pathways.

The following information details each media considered "contaminated" for the CA 725 and the resulting complete exposure pathway evaluation.

Groundwater

Groundwater on-site is not used for any purpose, including drinking water. JCI is currently in the process of establishing groundwater use restrictions for the property. Thus, the on-site drinking water pathway is currently incomplete.

Off-site groundwater contains chemicals at levels in excess of drinking water criteria. However, there is no known use of groundwater to the east, north or south of the site and these areas are served by the municipal water supply. There is a house approximately 950 feet west of the site across the river that uses groundwater, though the house is upgradient of the known impacted monitoring wells. This house is approximately 850 feet west of MW-OS3 where vinyl chloride was detected. Potentiometric mapping indicates that groundwater flow is eastward toward the river and away from this structure and the house is therefore upgradient of the known impacted monitoring well. In addition, monitoring well cluster MW-27 and -27C is located between the house and MW-OS3. Laboratory analysis of groundwater samples from the MW-27 cluster showed no exceedences of drinking water criteria. Thus, the groundwater pathway for residents off-site is currently incomplete.

Shallow groundwater is present at a depth of 4 to 8 feet below ground surface. Construction workers may indirectly contact this groundwater during excavation activities. Thus, this direct contact pathway is potentially complete for construction workers.

Surface and Subsurface Soil

The property is currently inactive open land with no buildings or operations except for environmental investigation and remediation activities. Although no construction activities are currently on-going, construction workers may be exposed to residual on-site contaminated surface and subsurface soils. There is a potential for trespassers to enter the property by climbing the fence that surrounds the site. These trespassers may be exposed to residual on-site contaminated surface soil.

In summary, the following exposure pathways between "contamination" and human receptors are potentially complete and can reasonably be expected with the current use of land and groundwater:

- Construction workers may be exposed to on-site contaminated surface soil;
- Trespassers may be exposed to on-site contaminated surface soil;
- Construction workers may be exposed to contaminated subsurface soil during excavation activities; and
- Construction workers may be exposed to contaminated groundwater during excavation activities.

4. Can the exposures from any of the complete pathways identified in #3 be reasonably expected to be significant (4) (i.e., potentially "unacceptable" because exposures can be reasonably expected to be: 1) greater in magnitude (intensity, frequency, and/or duration) than assumed in the derivation of the acceptable "levels" (used to identify the "contamination"); or 2) the combination of exposure magnitude (perhaps even though low) and contaminant concentrations (which may be substantially above the acceptable "levels") could result in greater than acceptable risks?

Question three identified the following complete pathways between "contamination" and human receptors that are potentially complete and can reasonably be expected with the current use of land and groundwater:

- Construction workers may be exposed to on-site contaminated surface soil;
- Trespassers may be exposed to on-site contaminated surface soil;
- Construction workers may be exposed to contaminated subsurface soil during excavation activities; and
- Construction workers may be exposed to contaminated groundwater during excavation activities.

All exposures from the pathways identified in #3 are considered insignificant per CA 725. The significance of these potentially complete exposure pathways are evaluated in the following paragraphs.

Construction workers may be exposed to on-site contaminated surface soil. Approximately 83,900 tons of contaminated soil was removed from the site, which greatly reduced the extent of soil exceeding direct contact criteria for protection of construction workers, however, some discrete surface soil samples still exceeds these direct contact criteria. While arsenic was detected in surface soil exceeding industrial/commercial II direct contact criteria (37 mg/kg) at three discrete sample locations at concentrations ranging from 40 to 44 mg/kg, the 95 percent upper confidence limit (95%UCL) average concentration of arsenic in surface soil (14.07 mg/kg) is below this generic direct contact criteria (Appendix B-9).

All construction activities are completed in accordance with a Health and Safety Plan that is specifically intended to protect construction workers from unacceptable exposures. All construction workers are briefed on the contents of this plan, and all construction workers at the site have HAZWOPER training. Construction workers are required to wear appropriate personal protective equipment such as respirators, gloves and clothing while doing construction activities. Air quality monitoring is done as necessary during excavation or other activities so problems can be identified and construction workers protected. Any construction activities not related to remedial activities, such as utility maintenance, are also required to follow appropriate health and safety procedures. Exposure of construction workers to on-site contaminated surface soil is not currently significant because such exposures are carefully controlled and limited by an existing health and safety program that all construction workers on site follow. In addition, the average soil concentrations do not exceed direct contact criteria. Other soil criteria that were exceeded (e.g., GSI protection human-health based) do not apply to construction workers. Therefore, exposure of construction workers to surface soil is considered insignificant.

The owners of the site or representatives of the owners control access to the site, and the site is fenced. While access to the site is controlled, individuals may trespass on the property. Trespassers may be exposed to on-site contaminated surface soil. However, the site is fenced and is not attractive to trespassers because there are no buildings and the site is open (i.e., no forested areas). Trespassers are not

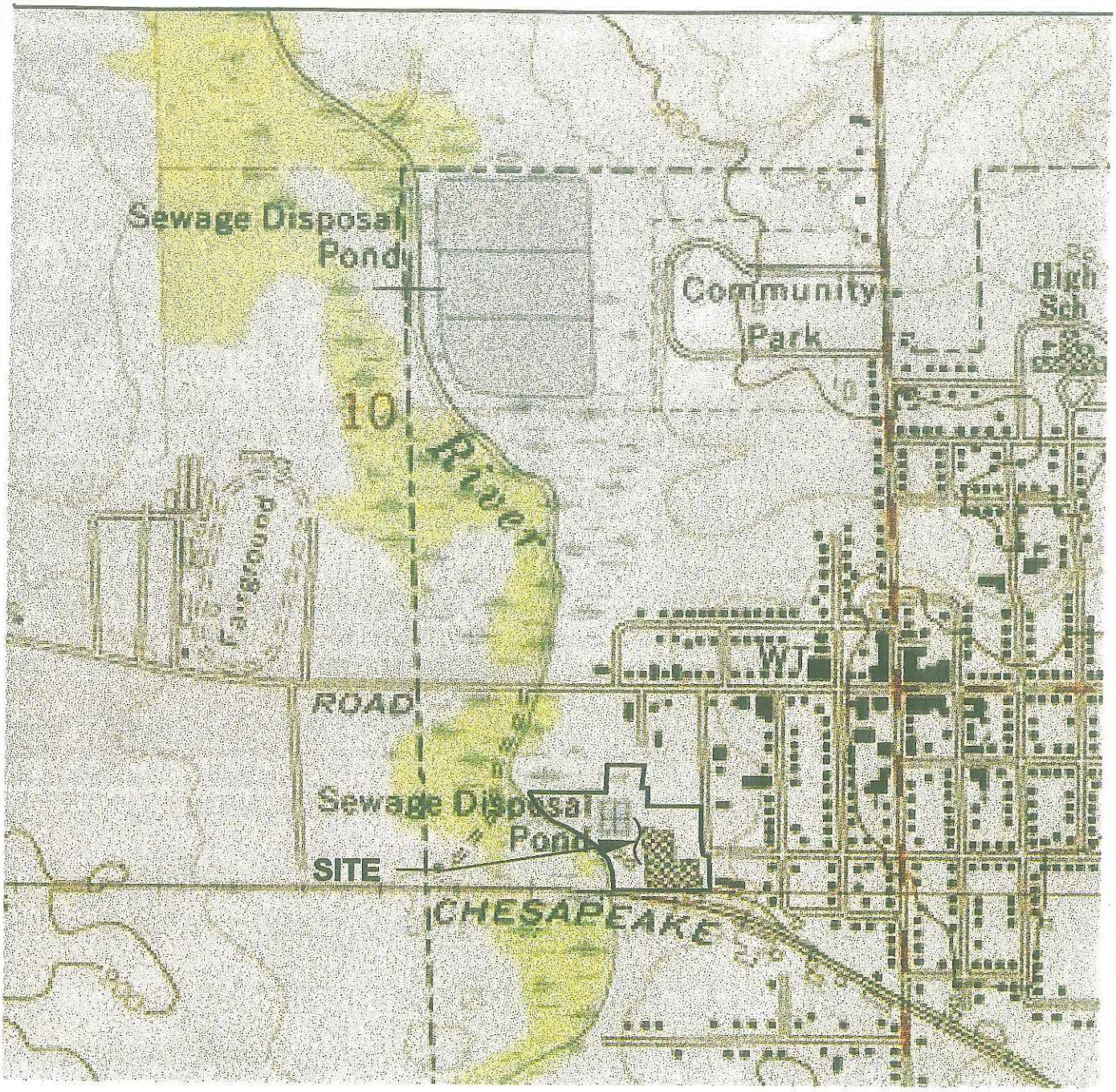
likely to engage in activities that could result in significant exposure, nor are trespassers likely to remain long on the site or trespass only in areas where concentrations of chemicals in soil exceed criteria. In addition, exposure of a trespasser is expected to be less than the exposure of an industrial/commercial worker, and industrial direct contact soil criteria have not been exceeded. Exposure of trespassers to on-site contaminated surface soil is not currently significant for these reasons.

Construction workers may be exposed to contaminated subsurface soil during excavation activities. While chemicals were detected in subsurface soil at concentrations exceeding generic criteria, no chemicals were detected in subsurface soil at concentrations exceeding industrial/commercial criteria for the direct contact exposure route. The owners of the site or representatives of the owners control access to the site, and the site is fenced. All construction activities are completed in accordance with a Health and Safety Plan that is specifically intended to protect construction workers from unacceptable exposures. All construction workers are briefed on the contents of this plan, and all construction workers at the site have HAZWOPER training. Construction workers are required to wear personal protective equipment such as respirators, gloves and clothing while doing construction activities. Air quality monitoring is done as necessary during excavation or other activities so problems can be identified and construction workers protected. Any construction activities not related to remedial activities, such as utility maintenance, are also required to follow appropriate health and safety procedures. Exposure of construction workers to on-site contaminated subsurface soil is not currently significant because such exposures are carefully controlled and limited by an existing health and safety program that all construction workers on site follow. In addition, no chemicals exceeded direct contact criteria. Other soil criteria that were exceeded (e.g., GSI protection human-health based) do not apply to construction workers. Therefore, exposure of construction workers to subsurface soil is considered insignificant.

Construction workers may be exposed to contaminated groundwater during excavation activities, but the concentrations of chemicals in groundwater are less than MDEQ generic criteria for direct contact with groundwater. These criteria are designed to protect construction worker exposures that could occur during excavation activities. In addition, exposure of construction workers is carefully controlled and limited by an existing health and safety program that all construction workers on site follow. Thus, exposure of construction workers to contaminated groundwater is not currently significant.

FIGURES

FIGURES



N

SOURCE:

TOPO MAP FROM "MICHIGAN. TOP" AND "UNTITLED.TPG" DATED 10/01/03.

APPROXIMATE SCALE: 1" = 1000'

EARTH TECH

4135 Technology Parkway Sheboygan, WI 53083-1993 (920) 459-8711

FIGURE 1
SITE LOCATION MAP

JOHNSON CONTROLS
FOWLERVILLE, MICHIGAN

NOVEMBER 2003

65468

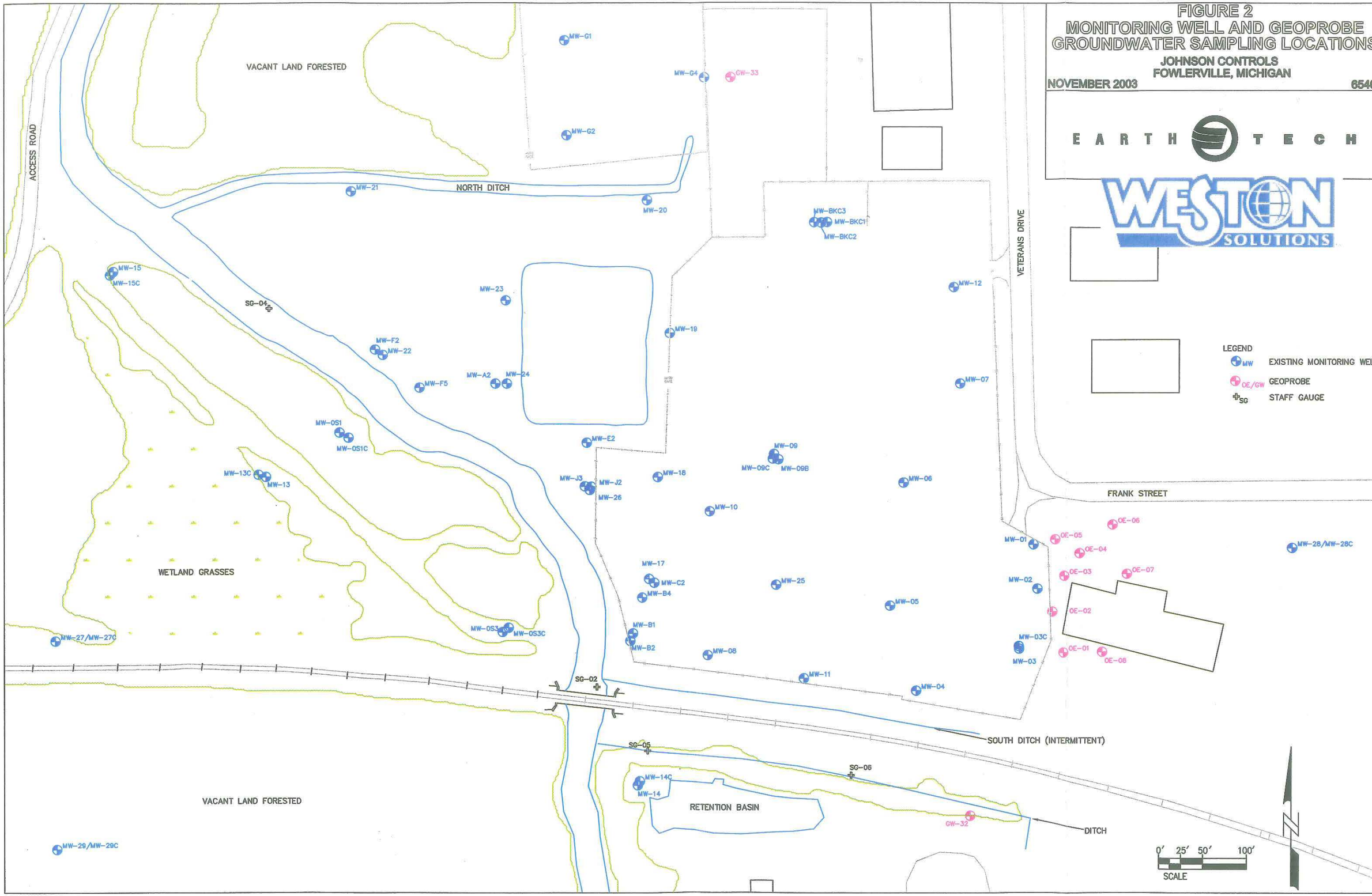
FIGURE 2
MONITORING WELL AND GEOPROBE GROUNDWATER SAMPLING LOCATIONS

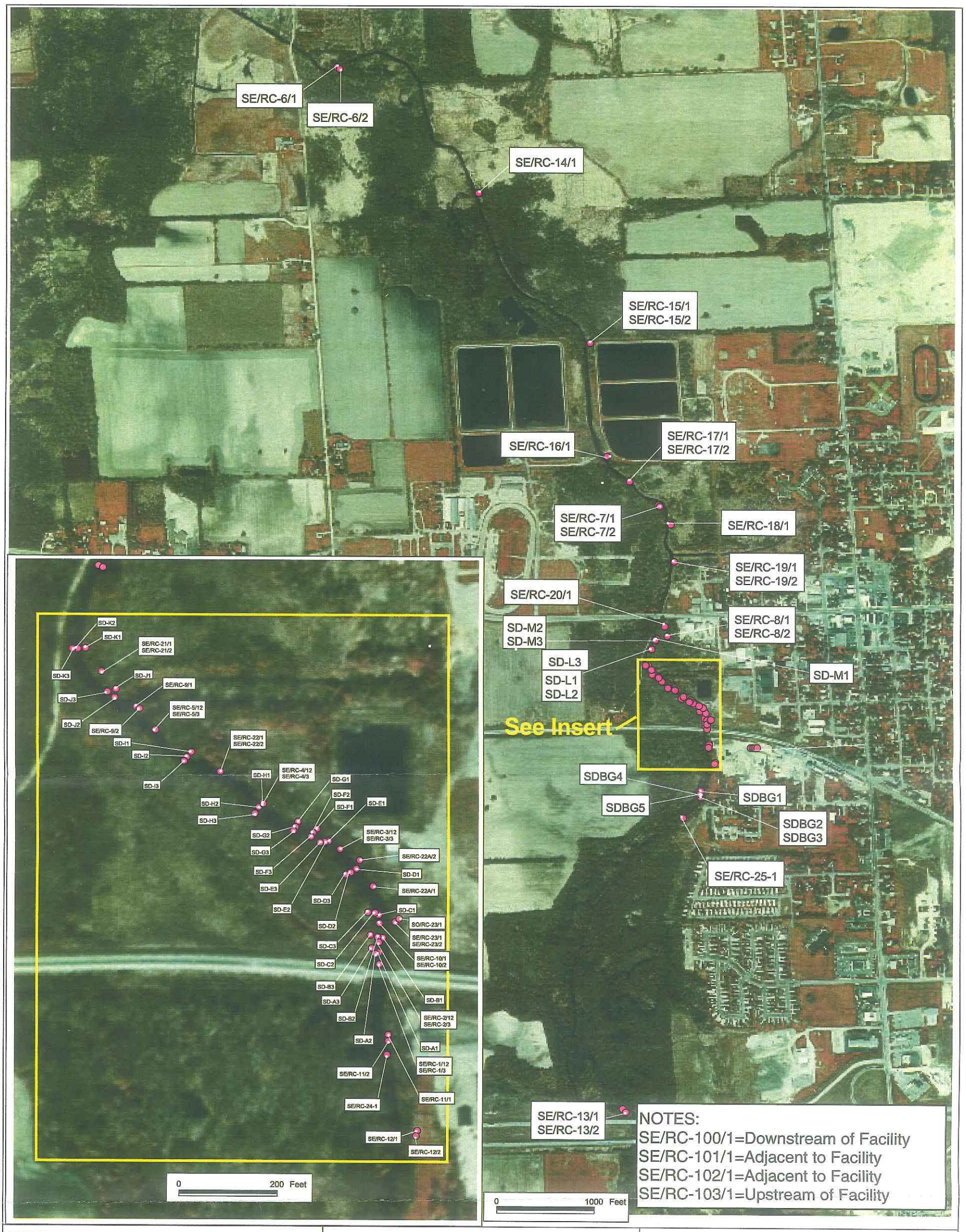
JOHNSON CONTROLS
FOWLERVILLE, MICHIGAN

NOVEMBER 2003 — 65468

EARTH TECH

WESTON SOLUTIONS





NOTES:
SE/RC-100/1=Downstream of Facility
SE/RC-101/1=Adjacent to Facility
SE/RC-102/1=Adjacent to Facility
SE/RC-103/1=Upstream of Facility

WESTON SOLUTIONS

Johnson Controls, Inc.
Fowlerville

DRAWING TITLE:

Figure 3 -
Sediment Sampling Locations

Weston Solutions, Inc.
750 E. Bunker Ct. Ste. 500
Vernon Hills, IL 60061-1450
TEL: 847-918-4000 -- FAX: 847-918-4050

WORK ORDER No.:	PROJECT MANAGER.:
DRAWN BY: NJK	CHECKED BY:
DRAWING NAME:	DIRECTORY:
CONTRACT No.:	DELIVERY No.:
SCALE:	REPORT DATE:
DATE: 12-01-03	REVISION No: / FIGURE No.: 1

FIGURE 4
SURFACE WATER SAMPLING LOCATIONS

JOHNSON CONTROLS
FOWLERVILLE, MICHIGAN

NOVEMBER 2003 — 65468

EARTH TECH

WESTON SOLUTIONS

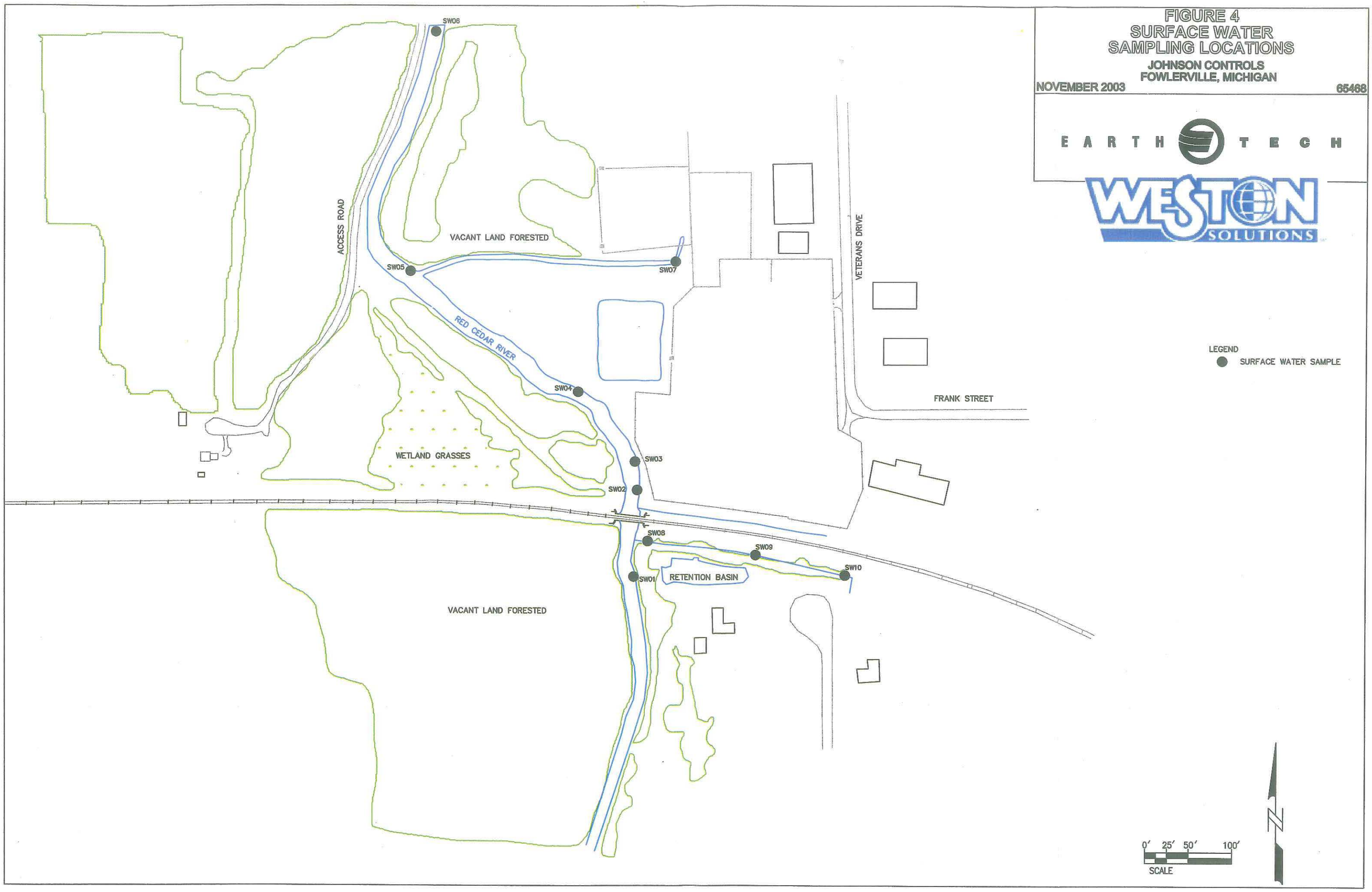


Figure 6
Red Cedar River Adjacent to JCI Former Stanley Works, Fowlerville, MI.

Date: 10/02/03 Former Stanley Tool

The photo shows average width of the Red Cedar River along the site's western perimeter. Photo is looking west from east bank of river at southwest corner of SWMU A.

Date: 10/02/03 Former Stanley Tool

The Red Cedar River is shallow and cannot be safely navigated by most water craft. Note: Railroad debris on river bottom.

TABLES

TABLES

Sample Identification Key

Sample Location	Sample Identification
Water Samples	
- Surface Water Samples	SW
- Geoprobe Samples	OE and GW
- Monitoring Wells	MW
Sediment Samples	SD
Soil Samples	
- Excavation Sidewall/Floor	BC, FPEX, FF41, FP, TA,TB, ET, MD, MS, TE, PC01, and PC02
- Surface samples	FF30, FF32, FF34, HH31, HH33, II32, II33, JJ32, JJ34, KL30, LL32, LL33, LL34, NN37, NN39, PP36, PP38, PP40, QQ37, and QQ39
- SWMU-A Samples	AA30, AA32, V28, V31, W29, W30, W32, X29, X32, Y30, Z26, and Z28
- SWMU-A Samples (URS)	10N, 30W; 10S,30W; 30N,30E;30N,30W; 30S,30W; 50N,30E; 50N,30W; 50S,30E; 50S,30W; 70N,30E; and 70N,30W
- Flood Plain Samples West of Red Cedar River	C1, C2, D1, D2, E1, E2, I1, and I2
- SWMU-G Samples	GA01, GA02, GA03, GA04, GA05, GA06, GA07 and GA08
- SWMU-G Samples (URS)	G1, G2, G3, G4, G5, G6, G7, G9, G10, GB1, GB2, and GB3
- Samples North of Excavation	MD58, MD59, MD60, MD61, MD62, MD65, MD66, MD67, and MD69
- Geoprobe Samples	EE29, EE36, EE37, EF01, EF02, EF03, FF27, FF34, FF35, FF36, FF37, GG25, GG28, GG31, GG32, GG34, GG36, II26, II30, II34, II38, JJ39, KK25, KK28, KK32, KK36, MM22, MM26, MM30, MM34, MM38, NN43, OO25, OO28, OO32, OO36, OO43, PP45, PS1, PS2, QQ26, QQ30, QQ38, QQ42, RB01, RB02, RB03, RB04, RB05, RB06, RR43, RR45, SS45, and SWA1
- Geoprobe Samples (URS)	GB10, GB38, GB39, GB54, GB55, GG31, GG33, GG35, GG37, GG39, TCE19, and TCE20
- Test Pit Samples	GG31, GG33, GG35, GG37, II31, II33, II35, II37, II39, KK31,KK33, KK35, KK37, KK39, MM31, MM33, MM35, MM37, MM39, OO37, OO39, OO41, OO43, QQ37, QQ39, QQ41, SS43, and SS45

TABLE 1
SUMMARY OF GROUNDWATER AND SURFACE WATER CRITERA
JCI -FOWLERVILLE

			Groundwater Contact Criteria	Groundwater GSI & Hardness Adjusted Parameters	Groundwater GSI Human Health Based	Groundwater Residential Drinking Water	Groundwater Volatilization to Indoor Air
Volatile Organic Compounds:							
1,1,1,2-Tetrachloroethane	630-20-6	ug/l	30,000.	---	---	77.	96,000.
1,1,1-Trichloroethane	71-55-6	ug/l	1,300,000.	200.	1,300,000.	200.	1,300,000.
1,1,2,2-Tetrachloroethane	79-34-5	ug/l	4,700.	78.	---	8.5	77,000.
1,1,2-Trichloroethane	79-00-5	ug/l	21,000.	330.	---	5.	110,000.
1,1-Dichloroethane	75-34-3	ug/l	2,400,000.	740.	62,000.	880.	2,300,000.
1,1-Dichloroethene	75-35-4	ug/l	11,000.	65.	33,000.	7.	1,300.
1,2,3-Trichloropropane	96-18-4	ug/l	84,000.	---	---	42.	---
1,2,4-Trichlorobenzene	120-82-1	ug/l	19,000.	30.	99.	70.	300,000.
1,2,4-Trimethylbenzene	95-63-6	ug/l	56,000.	17.	330.	63.	56,000.
1,2-Dibromo-3-chloropropane	96-12-8	ug/l	390.	---	---	0.2	1,200.
1,2-Dichlorobenzene	95-50-1	ug/l	160,000.	16.	11,000.	600.	160,000.
1,2-Dichloroethane	107-06-2	ug/l	19,000.	360.	---	5.	59,000.
1,2-Dichloropropane	78-87-5	ug/l	16,000.	290.	---	5.	36,000.
1,3,5-Trimethylbenzene	108-67-8	ug/l	61,000.	45.	4,200.	72.	61,000.
1,3-Dichlorobenzene	541-73-1	ug/l	2,000.	38.	---	6.6	---
1,4-Dichlorobenzene	106-46-7	ug/l	6,400.	13.	240.	75.	74,000.
2-Chlorotoluene	95-49-8	ug/l	44,000.	---	---	150.	370,000.
2-Hexanone	591-78-6	ug/l	5,200,000.	---	---	1,000.	8,700,000.
4-Methyl-2-pentanone	108-10-1	ug/l	13,000,000.	---	---	1,800.	20,000,000.
Acetone	67-64-1	ug/l	31,000,000.	1,700.	450,000.	730.	1,000,000,000.
Acrolein	107-02-8	ug/l	3,400,000.	---	---	120.	4,200.
Acrylonitrile	107-13-1	ug/l	14,000.	4.9	---	2.6	190,000.
Benzene	71-43-2	ug/l	11,000.	200.	310.	5.	35,000.
Bromobenzene	108-86-1	ug/l	12,000.	---	---	18.	390,000.
Bromoform	75-25-2	ug/l	140,000.	---	---	100.	3,100,000.
Bromomethane	74-83-9	ug/l	70,000.	35.	---	10.	9,000.
Carbon disulfide	75-15-0	ug/l	1,200,000.	---	34,000.	800.	550,000.
Carbon tetrachloride	56-23-5	ug/l	4,600.	45.	---	5.	2,400.
Chlorobenzene	108-90-7	ug/l	86,000.	47.	3,200.	100.	470,000.
Chloroethane	75-00-3	ug/l	440,000.	---	---	430.	5,700,000.
Chloroform	67-66-3	ug/l	150,000.	170.	---	100.	180,000.
Chloromethane	74-87-3	ug/l	490,000.	---	---	260.	45,000.
cis-1,2-Dichloroethene	156-59-2	ug/l	200,000.	620.	36,000.	70.	210,000.
Dibromochloromethane	124-48-1	ug/l	18,000.	---	---	100.	110,000.
Dibromomethane	74-95-3	ug/l	530,000.	---	---	80.	---
Dichlorobromomethane	75-27-4	ug/l	14,000.	---	---	100.	37,000.
Dichlorodifluoromethane	75-71-8	ug/l	300,000.	---	---	1,700.	300,000.
Ethylbenzene	100-41-4	ug/l	170,000.	18.	---	74.	170,000.
Ethylene dibromide	106-93-4	ug/l	25.	1.	---	1.	15,000.
Hexachlorobutadiene	87-68-3	ug/l	400.	5.	---	15.	3,200.
Isopropylbenzene	98-82-8	ug/l	56,000.	---	---	800.	56,000.
Methyl ethyl ketone	78-93-3	ug/l	240,000,000.	2,200.	3,800,000.	13,000.	240,000,000.
Methyl tert butyl ether	1634-04-4	ug/l	610,000.	730.	---	40.	47,000,000.
Methylene chloride	75-09-2	ug/l	220,000.	940.	2,600.	5.	1,400,000.
n-Butylbenzene	104-51-8	ug/l	5,900.	---	307.5753	80.	---
n-Propylbenzene	103-65-1	ug/l	15,000.	---	---	80.	---

TABLE 1
SUMMARY OF GROUNDWATER AND SURFACE WATER CRITERA
JCI -FOWLERVILLE

			Groundwater Contact Criteria	Groundwater GSI & Hardness Adjusted Parameters	Groundwater GSI Human Health Based	Groundwater Residential Drinking Water	Groundwater Volatilization to Indoor Air
Volatile Organic Compounds:							
Naphthalene	91-20-3	ug/l	31,000.	13.	1,200.	520.	31,000.
sec-Butylbenzene	135-98-8	ug/l	4,400.	---	---	80.	---
Styrene	100-42-5	ug/l	9,700.	80.	---	100.	310,000.
tert-Butylbenzene	98-06-6	ug/l	8,900.	---	---	80.	---
Tetrachloroethene	127-18-4	ug/l	12,000.	45.	---	5.	170,000.
Toluene	108-88-3	ug/l	530,000.	140.	51,000.	790.	530,000.
trans-1,2-Dichloroethylene	156-60-5	ug/l	220,000.	1,500.	25,000.	100.	200,000.
Trichloroethene	79-01-6	ug/l	22,000.	200.	370.	5.	97,000.
Trichlorofluoromethane	75-69-4	ug/l	1,100,000.	---	---	2,600.	1,100,000.
Vinyl chloride	75-01-4	ug/l	1,000.	15.	13.	2.	13,000.
Semivolatile Organic Compounds:							
1,2,4-Trichlorobenzene	120-82-1	ug/l	19,000.	30.	99.	70.	300,000.
1,2-Dichlorobenzene	95-50-1	ug/l	160,000.	16.	11,000.	600.	160,000.
1,3-Dichlorobenzene	541-73-1	ug/l	2,000.	38.	---	6.6	---
1,4-Dichlorobenzene	106-46-7	ug/l	6,400.	13.	240.	75.	74,000.
2,4,5-Trichlorophenol	95-95-4	ug/l	170,000.	---	---	730.	---
2,4,6-Trichlorophenol	88-06-2	ug/l	10,000.	5.	---	120.	---
2,4-Dichlorophenol	120-83-2	ug/l	48,000.	19.	---	73.	---
2,4-Dimethylphenol	105-67-9	ug/l	520,000.	380.	---	370.	---
2,4-Dinitrotoluene	121-14-2	ug/l	8,600.	---	---	7.7	---
2-Chloronaphthalene	91-58-7	ug/l	6,700.	---	---	1,800.	---
2-Chlorophenol	95-57-8	ug/l	94,000.	22.	---	45.	---
2-Methylnaphthalene	91-57-6	ug/l	25,000.	---	1,000.	260.	---
2-Methylphenol	95-48-7	ug/l	---	---	44,000.	---	---
2-Nitrophenol	88-75-5	ug/l	79,000.	---	---	20.	---
3,3-Dichlorobenzidine	91-94-1	ug/l	180.	0.3	---	1.1	---
4,6-Dinitro-2-methylphenol	534-52-1	ug/l	9,500.	---	---	20.	---
4-Methylphenol	106-44-5	ug/l	---	---	45,000.	---	---
Acenaphthene	83-32-9	ug/l	4,200.	19.	---	1,300.	4,200.
Acenaphthylene	208-96-8	ug/l	3,900.	---	---	52.	3,900.
Anthracene	120-12-7	ug/l	43.	---	2,400.	43.	43.
Benz(a)anthracene	56-55-3	ug/l	9.4	---	---	2.1	---
Benzidine	92-87-5	ug/l	7.1	---	---	0.3	---
Benzo(a)pyrene	50-32-8	ug/l	2.	---	---	5.	---
Benzo(b)fluoranthene	205-99-2	ug/l	2.	---	---	2.	---
Benzo(g,h,i)perylene	191-24-2	ug/l	5.	---	---	5.	---
Benzo(k)fluoranthene	207-08-9	ug/l	5.	---	---	5.	---
Benzoic acid	65-85-0	ug/l	3,500,000.	---	4,047,173.	32,000.	---
Benzyl alcohol	100-51-6	ug/l	44,000,000.	---	---	10,000.	---
bis(2-Chloroethyl)ether	111-44-4	ug/l	5,700.	15.	---	2.	210,000.
bis(2-Ethylhexyl)phthalate	117-81-7	ug/l	320.	32.	32.	6.	---
Butyl benzyl phthalate	85-68-7	ug/l	2,700.	14.	160.	1,200.	---
Carbazole	86-74-8	ug/l	7,400.	10.	---	85.	---
Chrysene	218-01-9	ug/l	5.	---	---	5.	---
Di-N-Butyl phthalate	84-74-2	ug/l	11,000.	9.7	690.	880.	---
Di-N-Octyl phthalate	117-84-0	ug/l	400.	---	300.	130.	---

TABLE 1
SUMMARY OF GROUNDWATER AND SURFACE WATER CRITERA
JCI -FOWLERVILLE

			Groundwater Contact Criteria	Groundwater GSI & Hardness Adjusted Parameters	Groundwater GSI Human Health Based	Groundwater Residential Drinking Water	Groundwater Volatilization to Indoor Air
Semivolatile Organic Compounds:							
Dibenz(a,h)anthracene	53-70-3	ug/l	2.	---	---	2.	---
Dibenzofuran	132-64-9	ug/l	---	5.	---	---	---
Diethylphthalate	84-66-2	ug/l	1,100,000.	110.	40,000.	5,500.	---
Dimethyl phthalate	131-11-3	ug/l	4,200,000.	---	3,556,140.	73,000.	---
Fluoranthene	206-44-0	ug/l	210.	5.	18.	210.	210.
Fluorene	86-73-7	ug/l	2,000.	12.	160.	880.	2,000.
Hexachlorobenzene	118-74-1	ug/l	4.6	---	---	1.	3,000.
Hexachlorobutadiene	87-68-3	ug/l	400.	5.	---	15.	3,200.
Hexachlorocyclopentadiene	77-47-4	ug/l	1,600.	---	---	50.	420.
Hexachloroethane	67-72-1	ug/l	1,900.	6.7	---	7.3	50,000.
Indeno(1,2,3-cd)pyrene	193-39-5	ug/l	2.	---	---	2.	---
Isophorone	78-59-1	ug/l	990,000.	570.	---	770.	---
N-Nitroso-di-N-propylamine	621-64-7	ug/l	360.	---	---	5.	---
N-Nitrosodiphenylamine	86-30-6	ug/l	35,000.	---	---	270.	---
Naphthalene	91-20-3	ug/l	31,000.	13.	1,200.	520.	31,000.
Nitrobenzene	98-95-3	ug/l	11,000.	180.	---	3.4	550,000.
p-Chloro-m-cresol	59-50-7	ug/l	79,000.	7.4	---	150.	---
Pentachlorophenol	87-86-5	ug/l	200.	---	---	1.	---
Phenanthrene	85-01-8	ug/l	1,000.	5.	2,400.	52.	1,000.
Phenol	108-95-2	ug/l	29,000,000.	210.	2,400.	4,400.	---
Pyrene	129-00-0	ug/l	140.	---	15.	140.	140.
Polychlorinated Biphenyls:							
PCB-1016	12674-11-2	ug/l	3.3	0.2	0.2	0.5	45.
PCB-1221	11104-28-2	ug/l	3.3	0.2	0.2	0.5	45.
PCB-1232	11141-16-5	ug/l	3.3	0.2	0.2	0.5	45.
PCB-1242	53469-21-9	ug/l	3.3	0.2	0.2	0.5	45.
PCB-1248	12672-29-6	ug/l	3.3	0.2	0.2	0.5	45.
PCB-1254	11097-69-1	ug/l	3.3	0.2	0.2	0.5	45.
PCB-1260	11096-82-5	ug/l	3.3	0.2	0.2	0.5	45.
Total Metals:							
Arsenic, Total	7440-38-2	mg/l	4.3	0.15	0.28	0.05	---
Barium, Total	7440-39-3	mg/l	14,000.	1.9	160.	2.	---
Cadmium, Total	7440-43-9	mg/l	190.	0.0062	0.13	0.005	---
Chromium, Total	7440-47-3	mg/l	290,000.	0.23	9.4	0.1	---
Copper, Total	7440-50-8	mg/l	7,400.	0.029	64.	1.	---
Lead, Total	7439-92-1	mg/l	---	0.045	0.19	0.004	---
Mercury, Total	7439-97-6	mg/l	0.056	0.	0.	0.002	0.056
Nickel, Total	7440-02-0	mg/l	74,000.	0.17	210.	0.1	---
Selenium, Total	7782-49-2	mg/l	970.	0.005	2.7	0.05	---
Silver, Total	7440-22-4	mg/l	1,500.	0.0002	11.	0.034	---
Zinc, Total	7440-66-6	mg/l	110,000.	0.38	22.	24.	---
Dissolved Metals:							
Arsenic, Dissolved	7440-38-2	mg/l	4.3	0.15	0.28	0.05	---
Barium, Dissolved	7440-39-3	mg/l	14000	1.9	160.	2.	---
Cadmium, Dissolved	7440-43-9	mg/l	190.	0.0062	0.13	0.005	---

TABLE 1
SUMMARY OF GROUNDWATER AND SURFACE WATER CRITERA
JCI -FOWLERVILLE

			Groundwater Contact Criteria	Groundwater GSI & Hardness Adjusted Parameters	Groundwater GSI Human Health Based	Groundwater Residential Drinking Water	Groundwater Volatilization to Indoor Air
Dissolved Metals:							
Chromium, Dissolved	7440-47-3	mg/l	290,000.	0.23	9.4	0.1	---
Chromium, Hexavalent- Disso	18540-29-9	mg/l	460.	0.011	9.4	0.1	---
Copper, Dissolved	7440-50-8	mg/l	7,400.	0.029	64.	1.	---
Lead, Dissolved	7439-92-1	mg/l	---	0.045	0.19	0.004	---
Mercury, Dissolved	7439-97-6	mg/l	0.056	0.0000013	0.0000018	0.002	0.056
Nickel, Dissolved	7440-02-0	mg/l	74,000.	0.17	210.	0.1	---
Selenium, Dissolved	7782-49-2	mg/l	970.	0.005	2.7	0.05	---
Silver, Dissolved	7440-22-4	mg/l	1,500.	0.0002	11.	0.034	---
Zinc, Dissolved	7440-66-6	mg/l	110,000.	0.38	22.	2.4	---
Miscellaneous Parameters:							
Cyanide, Free	57-12-5	mg/l	57.	0.0052	48.	0.2	---
Cyanide, Total	57-12-5	mg/l	57.	0.0052	48.	0.2	---
Total Dissolved Solids	TDS	mg/l	---	---	---	500.	---

NOTES:

--- Standard not listed.

TABLE 2
SUMMARY OF SEDIMENT CRITERA
JCI -FOWLERVILLE

			Sediment DCC-Human Health Values
Volatile Organic Compounds:			
1,1,1-Trichloroethane	71-55-6	ug/kg	51,181,890.
1,1-Dichloroethane	75-34-3	ug/kg	18,279,250.
1,2,4-Trichlorobenzene	120-82-1	ug/kg	1,827,925.
1,2,4-Trimethylbenzene	95-63-6	ug/kg	9,139,623.
1,2-Dichlorobenzene	95-50-1	ug/kg	16,451,320.
1,2-Dichloroethene	540-59-0	ug/kg	3,655,849.
1,3,5-Trimethylbenzene	108-67-8	ug/kg	9139623
Acetone	67-64-1	ug/kg	18,279,250.
Acrolein	107-02-8	ug/kg	3,655,849.
Benzene	71-43-2	ug/kg	232,645.
Bromomethane	74-83-9	ug/kg	255,909.5
Carbon disulfide	75-15-0	ug/kg	18,279,250.
Chlorobenzene	108-90-7	ug/kg	3,655,849.
Chloroethane	75-00-3	ug/kg	4,412,232.
Chloroform	67-66-3	ug/kg	1827925
Chloromethane	74-87-3	ug/kg	984,267.1
cis-1,2-Dichloroethene	156-59-2	ug/kg	1,827,925.
Dichloromethane	75-09-2	ug/kg	1,706,063.
Ethylbenzene	100-41-4	ug/kg	3,323,500.
Hexachlorobutadiene	87-68-3	ug/kg	200,549.5
Methyl ethyl ketone	78-93-3	ug/kg	109,675,500.
Methylene chloride	75-09-2	ug/kg	1,706,063.
n-Butylbenzene	104-51-8	ug/kg	7,311,699.
Naphthalene	91-20-3	ug/kg	3,655,849.
o-Xylene	95-47-6	ug/kg	467,948,700.
sec-Butylbenzene	135-98-8	ug/kg	7,311,699.
Styrene	100-42-5	ug/kg	36,558,490.
Toluene	108-88-3	ug/kg	36,558,490.
trans-1,2-Dichloroethylene	156-60-5	ug/kg	3,655,849.
Trichloroethene	79-01-6	ug/kg	31,988.68
Vinyl chloride	75-01-4	ug/kg	8,530.315
Xylene, Meta + Para	Not Applicable	ug/kg	467,948,700.
Semivolatile Organic Compounds:			
1,2,4-Trichlorobenzene	120-82-1	ug/kg	1,827,925.
1,2-Benzphenanthracene	218-01-9	ug/kg	8,707,334.
1,2-Dichlorobenzene	95-50-1	ug/kg	16451320
3,4-Methylphenol	108-39-4	ug/kg	33,424,910.
4-Methylphenol	106-44-5	ug/kg	3,342,491.
Acenaphthene	83-32-9	ug/kg	40,109,890.
Anthracene	120-12-7	ug/kg	200,549,500.
Benz(a)anthracene	56-55-3	ug/kg	87,073.34
Benzo(a)pyrene	50-32-8	ug/kg	8,707.334
Benzo(b)fluoranthene	205-99-2	ug/kg	87,073.34
Benzo(k)fluoranthene	207-08-9	ug/kg	870,733.4
Benzoic acid	65-85-0	ug/kg	2,673,993,000.
bis(2-Ethylhexyl)phthalate	117-81-7	ug/kg	5161199
Butyl benzyl phthalate	85-68-7	ug/kg	133699600
Carbazole	86-74-8	ug/kg	2,339,744.
Chrysene	218-01-9	ug/kg	8707334
Di-N-Butyl phthalate	84-74-2	ug/kg	66,849,820.

TABLE 2
SUMMARY OF SEDIMENT CRITERA
JCI -FOWLERVILLE

			Sediment DCC-Human Health Values
Semivolatile Organic Compounds:			
Di-N-Octyl phthalate	117-84-0	ug/kg	41289590
Diethylphthalate	84-66-2	ug/kg	534,798,500.
Dimethyl phthalate	131-11-3	ug/kg	6,684,982,000.
Fluoranthene	206-44-0	ug/kg	41,289,590.
Fluorene	86-73-7	ug/kg	26,739,930.
Hexachlorobutadiene	87-68-3	ug/kg	200,549.5
Indeno(1,2,3-cd)pyrene	193-39-5	ug/kg	87,073.34
Isophorone	78-59-1	ug/kg	49,257,760.
Naphthalene	91-20-3	ug/kg	3,655,849.
p-Chloro-m-cresol	59-50-7	ug/kg	13369960
Pyrene	129-00-0	ug/kg	30,967,190.
Polychlorinated biphenyls (total)	1336-36-3	ug/kg	30,556.
		ug/kg	7,680 (sediment to fish human health value)
Metals:			
Aluminum, Total	7429-90-5	mg/kg	1750432
Arsenic, Total	7440-38-2	mg/kg	70.74819
Barium, Total	7440-39-3	mg/kg	122530.2
Cadmium, Total	7440-43-9	mg/kg	940.6634
Chromium(VI)	18540-29-9	mg/kg	5251.295
Chromium, Total	7440-47-3	mg/kg	2625647
Copper, Total	7440-50-8	mg/kg	70017.26
Cyanide, Total	57-12-5	mg/kg	18970.89
Mercury, Total	7439-97-6	mg/kg	525.1295
Nickel, Total	7440-02-0	mg/kg	35008.63
Selenium, Total	7782-49-2	mg/kg	8752.158
Silver, Total	7440-22-4	mg/kg	8752.158
Zinc, Total	7440-66-6	mg/kg	525129.5
Miscellaneous Parameters:			
Cyanide, Free	57-12-5	mg/kg	18,970.89
Cyanide, Total	57-12-5	mg/kg	18,970.89

TABLE 3
SUMMARY OF SOIL CRITERA
JCI -FOWLERVILLE

			Soil Residential Drinking Water Protection	Soil GSI	Soil GSI Protection Human Health Based	Soil Groundwater Contact Criteria	Soil Infinite Volatilization	Soil Particulate Inhalation	Soil Industrial Direct Contact	Soil Statewide Default Background
Volatile Organic Compounds:										
1,1,1,2-Tetrachloroethane	630-20-6	ug/kg	1,500.	---	---	440,000.	120,000.	530,000,000.	440,000.	---
1,1,1-Trichloroethane	71-55-6	ug/kg	4,000.	4,000.	26,000,000.	460,000.	4,500,000.	29,000,000,000.	460,000.	---
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	170.	1,600.	---	94,000.	34,000.	68,000,000.	240,000.	---
1,1,2-Trichloroethane	79-00-5	ug/kg	100.	6,600.	---	420,000.	57,000.	250,000,000.	840,000.	---
1,1-Dichloroethane	75-34-3	ug/kg	18,000.	15,000.	1,240,000.	890,000.	2,500,000.	15,000,000,000.	890,000.	---
1,1-Dichloroethene	75-35-4	ug/kg	140.	1,300.	660,000.	220,000.	3,700.	78,000,000.	570,000.	---
1,2,3-Trichloropropane	96-18-4	ug/kg	840.	---	---	830,000.	---	---	830,000.	---
1,2,4-Trichlorobenzene	120-82-1	ug/kg	4,200.	1,800.	1,980.	1,100,000.	34,000,000.	11,000,000,000.	1,100,000.	---
1,2,4-Trimethylbenzene	95-63-6	ug/kg	2,100.	570.	6,600.	110,000.	25,000,000.	36,000,000,000.	110,000.	---
1,2-Dibromo-3-chloropropane	96-12-8	ug/kg	4.	---	---	1,200.	15,000.	5,900,000.	1,200.	---
1,2-Dichlorobenzene	95-50-1	ug/kg	14,000.	360.	220,000.	210,000.	46,000,000.	44,000,000,000.	210,000.	---
1,2-Dichloroethane	107-06-2	ug/kg	100.	7,200.	---	380,000.	21,000.	150,000,000.	420,000.	---
1,2-Dichloropropane	78-87-5	ug/kg	100.	5,800.	---	320,000.	30,000.	120,000,000.	550,000.	---
1,3,5-Trimethylbenzene	108-67-8	ug/kg	1,800.	1,100.	84,000.	94,000.	19,000,000.	36,000,000,000.	94,000.	---
1,3-Dichlorobenzene	541-73-1	ug/kg	170.	1,100.	---	51,000.	---	---	170,000.	---
1,4-Dichlorobenzene	106-46-7	ug/kg	1,700.	290.	4,800.	140,000.	260,000.	570,000,000.	1,900,000.	---
2-Chlorotoluene	95-49-8	ug/kg	3,300.	---	---	500,000.	1,500,000.	2,100,000,000.	500,000.	---
2-Hexanone	591-78-6	ug/kg	20,000.	---	---	2,500,000.	1,300,000.	1,200,000,000.	2,500,000.	---
4-Methyl-2-pentanone	108-10-1	ug/kg	36,000.	---	---	2,700,000.	53,000,000.	60,000,000,000.	2,700,000.	---
Acetone	67-64-1	ug/kg	15,000.	34,000.	9,000,000.	110,000,000.	160,000,000.	170,000,000,000.	73,000,000.	---
Acrolein	107-02-8	ug/kg	2,400.	---	---	23,000,000.	370.	590,000.	12,000,000.	---
Benzene	71-43-2	ug/kg	100.	4,000.	6200	220,000.	45,000.	470,000,000.	400,000.	---
Bromobenzene	108-86-1	ug/kg	550.	---	---	360,000.	540,000.	240,000,000.	760,000.	---
Bromoform	75-25-2	ug/kg	2,000.	---	---	870,000.	3,100,000.	3,600,000,000.	870,000.	---
Bromomethane	74-83-9	ug/kg	200.	700	---	1,400,000.	13,000.	150,000,000.	1,000,000.	---
Carbon disulfide	75-15-0	ug/kg	16,000.	---	680000	280,000.	1,600,000.	21,000,000,000.	280,000.	---
Carbon tetrachloride	56-23-5	ug/kg	100.	900	---	92,000.	12,000.	170,000,000.	390,000.	---
Chlorobenzene	108-90-7	ug/kg	2,000.	940.	64000	260,000.	920,000.	2,100,000,000.	260,000.	---
Chloroethane	75-00-3	ug/kg	8,600.	---	---	950,000.	36,000,000.	290,000,000,000.	950,000.	---
Chloroform	67-66-3	ug/kg	2,000.	3400	---	1,500,000.	150,000.	1,600,000,000.	1,500,000.	---
Chloromethane	74-87-3	ug/kg	5,200.	---	---	1,100,000.	120,000.	2,600,000,000.	1,100,000.	---
cis-1,2-Dichloroethene	156-59-2	ug/kg	1,400.	12000	720000	640,000.	210,000.	1,000,000,000.	640,000.	---
Dibromochloromethane	124-48-1	ug/kg	2,000.	---	---	360,000.	80,000.	160,000,000.	500,000.	---
Dibromomethane	74-95-3	ug/kg	1,600.	---	---	2,000,000.	---	---	2,000,000.	---
Dichlorobromomethane	75-27-4	ug/kg	2,000.	---	---	280,000.	31,000.	110,000,000.	490,000.	---
Volatile Organic Compounds:										
Dichlorodifluoromethane	75-71-8	ug/kg	95,000.	---	---	1,000,000.	63,000,000.	1,500,000,000,000.	1,000,000.	---
Ethylbenzene	100-41-4	ug/kg	1,500.	360.	---	140,000.	2,400,000.	13,000,000,000.	140,000.	---
Ethylene dibromide	106-93-4	ug/kg	250.	250.	---	500.	5,800.	18,000,000.	430.	---
Hexachlorobutadiene	87-68-3	ug/kg	26,000.	330.	---	350,000.	460,000.	180,000,000.	350,000.	---
Isopropylbenzene	98-82-8	ug/kg	91,000.	---	---	390,000.	2,000,000.	2,600,000,000.	390,000.	---
Methyl ethyl ketone	78-93-3	ug/kg	260,000.	44,000.	76,000,000.	27,000,000.	35,000,000.	29,000,000,000.	27,000,000.	---
Methyl tert butyl ether	1634-04-4	ug/kg	800.	15,000.	---	5,900,000.	30,000,000.	88,000,000,000.	5,900,000.	---

TABLE 3
SUMMARY OF SOIL CRITERA
JCI -FOWLERVILLE

			Soil Residential Drinking Water Protection	Soil GSI	Soil GSI Protection Human Health Based	Soil Groundwater Contact Criteria	Soil Infinite Volatilization	Soil Particulate Inhalation	Soil Industrial Direct Contact	Soil Statewide Default Background
Methylene chloride	75-09-2	ug/kg	100.	19,000.	52,000.	2,300,000.	700,000.	8,300,000,000.	2,300,000.	---
n-Butylbenzene	104-51-8	ug/kg	1,600.	---	12,463.77	120,000.	---	---	8,000,000.	---
n-Propylbenzene	103-65-1	ug/kg	1,600.	---	---	300,000.	---	590,000,000.	8,000,000.	---
Naphthalene	91-20-3	ug/kg	35,000.	870.	24,000.	2,100,000.	350,000.	88,000,000.	52,000,000.	---
sec-Butylbenzene	135-98-8	ug/kg	1,600.	---	---	88,000.	---	---	8,000,000.	---
Styrene	100-42-5	ug/kg	2,700.	2,200.	---	270,000.	3,300,000.	6,900,000,000.	520,000.	---
tert-Butylbenzene	98-06-6	ug/kg	1,600.	---	---	180,000.	---	---	8,000,000.	---
Tetrachloroethene	127-18-4	ug/kg	100.	900.	---	88,000.	600,000.	6,800,000,000.	88,000.	---
Toluene	108-88-3	ug/kg	16,000.	2,800.	1,020,000.	250,000.	3,300,000.	12,000,000,000.	250,000.	---
trans-1,2-Dichloroethylene	156-60-5	ug/kg	2,000.	30,000.	500,000.	1,400,000.	330,000.	2,100,000,000.	1,400,000.	---
Trichloroethene	79-01-6	ug/kg	100.	4,000.	7,400.	440,000.	260,000.	2,300,000,000.	500,000.	---
Trichlorofluoromethane	75-69-4	ug/kg	52,000.	---	---	560,000.	110,000,000.	1,700,000,000,000.	560,000.	---
Vinyl chloride	75-01-4	ug/kg	40.	300.	260.	20,000.	29,000.	890,000,000.	34,000.	---
Semivolatile Organic Compounds:										
1,2,4-Trichlorobenzene	120-82-1	ug/kg	4,200.	1,800.	1,980.	1,100,000.	34,000,000.	11,000,000,000.	1,100,000.	---
1,2-Benzphenanthracene	218-01-9	ug/kg	---	---	---	---	---	---	8,000,000.	---
1,2-Dichlorobenzene	95-50-1	ug/kg	14,000.	360.	220000	210,000.	46,000,000.	44,000,000,000.	210,000.	---
1,3-Dichlorobenzene	541-73-1	ug/kg	170.	1,100.	---	51,000.	---	---	170,000.	---
1,4-Dichlorobenzene	106-46-7	ug/kg	1,700.	290	4800	140,000.	260,000.	570,000,000.	1,900,000.	---
2,4,5-Trichlorophenol	95-95-4	ug/kg	39,000.	---	---	9,100,000.	---	10,000,000,000.	73,000,000.	---
2,4,6-Trichlorophenol	88-06-2	ug/kg	2,400.	330.	---	200,000.	---	1,300,000,000.	3,300,000.	---
2,4-Dichlorophenol	120-83-2	ug/kg	1,500.	380.	---	960,000.	---	2,300,000,000.	1,800,000.	---
2,4-Dimethylphenol	105-67-9	ug/kg	7,400.	7600	---	10,000,000.	---	2,100,000,000.	36,000,000.	---
2,4-Dinitrotoluene	121-14-2	ug/kg	430.	---	---	170,000.	---	20,000,000.	220,000.	---
2-Chloronaphthalene	91-58-7	ug/kg	620,000.	---	---	2,300,000.	---	---	180,000,000.	---
2-Chlorophenol	95-57-8	ug/kg	900.	440.	---	1,900,000.	---	---	4,500,000.	---
2-Methylnaphthalene	91-57-6	ug/kg	57,000.	---	20,000.	5,500,000.	---	---	26,000,000.	---
Semivolatile Organic Compounds:										
2-Methylphenol	95-48-7	ug/kg	---	---	880,000.	---	---	---	---	---
2-Nitrophenol	88-75-5	ug/kg	400.	---	---	1,600,000.	---	---	2,000,000.	---
3,3-Dichlorobenzidine	91-94-1	ug/kg	2,000.	2,000.	---	4,600.	---	8,200,000.	30,000.	---
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	1,700.	---	---	190,000.	---	---	260,000.	---
4-Methylphenol	106-44-5	ug/kg	---	---	900,000.	---	---	---	---	---
Acenaphthene	83-32-9	ug/kg	300,000.	4,400.	---	970,000.	97,000,000.	6,200,000,000.	130,000,000.	---
Acenaphthylene	208-96-8	ug/kg	5,900.	---	---	440,000.	2,700,000.	1,000,000,000.	5,200,000.	---
Anthracene	120-12-7	ug/kg	41,000.	---	142,816.2	41,000.	1,600,000,000.	29,000,000,000.	730,000,000.	---
Benz(a)anthracene	56-55-3	ug/kg	---	---	---	---	---	---	80,000.	---
Benzidine	92-87-5	ug/kg	1,000.	---	---	1,000.	---	59,000.	1,000.	---
Benzo(a)pyrene	50-32-8	ug/kg	---	---	---	---	---	1,900,000.	8,000.	---
Benzo(b)fluoranthene	205-99-2	ug/kg	---	---	---	---	---	---	80,000.	---
Benzo(g,h,i)perylene	191-24-2	ug/kg	---	---	---	---	---	350,000,000.	7,000,000.	---
Benzo(k)fluoranthene	207-08-9	ug/kg	---	---	---	---	---	---	800,000.	---
Benzoic acid	65-85-0	ug/kg	640,000.	---	80,943,450.	70,000,000.	---	---	1,000,000,000.	---
Benzyl alcohol	100-51-6	ug/kg	200,000.	---	---	5,800,000.	---	150,000,000,000.	5,800,000.	---

TABLE 3
SUMMARY OF SOIL CRITERA
JCI -FOWLERVILLE

			Soil Residential Drinking Water Protection	Soil GSI	Soil GSI Protection Human Health Based	Soil Groundwater Contact Criteria	Soil Infinite Volatilization	Soil Particulate Inhalation	Soil Industrial Direct Contact	Soil Statewide Default Background
bis(2-Chloroethyl)ether	111-44-4	ug/kg	330.	330.	---	110,000.	13,000.	12,000,000.	58,000.	---
bis(2-Ethylhexyl)phthalate	117-81-7	ug/kg	---	---	960,003.4	---	---	890,000,000.	10,000,000.	---
Butyl benzyl phthalate	85-68-7	ug/kg	310,000.	26,000.	18,353.07	310,000.	---	21,000,000,000.	310,000.	---
Carbazole	86-74-8	ug/kg	9,400.	1,100.	---	820,000.	---	---	2,400,000.	---
Chrysene	218-01-9	ug/kg	---	---	---	---	---	---	8,000,000.	---
Di-N-Butyl phthalate	84-74-2	ug/kg	760,000.	11,000.	46,993.6	760,000.	---	1,500,000,000.	760,000.	---
Di-N-Octyl phthalate	117-84-0	ug/kg	100,000,000.	---	14,460,030.	140,000,000.	---	---	20,000,000.	---
Dibenz(a,h)anthracene	53-70-3	ug/kg	---	---	---	---	---	---	8,000.	---
Dibenzofuran	132-64-9	ug/kg	---	1,700.	---	---	---	---	---	---
Diethylphthalate	84-66-2	ug/kg	110,000.	2,200.	800,000.	740,000.	---	1,500,000,000.	740,000.	---
Dimethyl phthalate	131-11-3	ug/kg	790,000.	---	71,122,790.	790,000.	---	1,500,000,000.	790,000.	---
Fluoranthene	206-44-0	ug/kg	730,000.	5,500.	3,889.92	730,000.	890,000,000.	4,100,000,000.	130,000,000.	---
Fluorene	86-73-7	ug/kg	390,000.	5,300.	4,433.079	890,000.	150,000,000.	4,100,000,000.	87,000,000.	---
Hexachlorobenzene	118-74-1	ug/kg	1,800.	---	---	8,200.	56,000.	8,500,000.	37,000.	---
Hexachlorobutadiene	87-68-3	ug/kg	26,000.	330.	---	350,000.	460,000.	180,000,000.	350,000.	---
Hexachlorocyclopentadiene	77-47-4	ug/kg	320,000.	---	---	720,000.	60,000.	5,900,000.	720,000.	---
Hexachloroethane	67-72-1	ug/kg	430.	1,800.	---	110,000.	660,000.	100,000,000.	730,000.	---
Indeno(1,2,3-cd)pyrene	193-39-5	ug/kg	---	---	---	---	---	---	80,000.	---
Isophorone	78-59-1	ug/kg	15,000.	11,000.	---	2,400,000.	---	8,200,000,000.	2,400,000.	---
Semivolatile Organic Compounds:										
N-Nitroso-di-N-propylamine	621-64-7	ug/kg	330.	---	---	7,200.	---	2,000,000.	5,400.	---
N-Nitrosodiphenylamine	86-30-6	ug/kg	5,400.	---	---	700,000.	---	---	7,800,000.	---
Naphthalene	91-20-3	ug/kg	35,000.	870.	24,000.	2,100,000.	350,000.	88,000,000.	52,000,000.	---
Nitrobenzene	98-95-3	ug/kg	200.	3,600.	---	220,000.	64,000.	21,000,000.	340,000.	---
p-Chloro-m-cresol	59-50-7	ug/kg	5,800.	330.	---	3,000,000.	---	---	15,000,000.	---
Pentachlorophenol	87-86-5	ug/kg	22.	---	---	4,300.	---	130,000,000.	320,000.	---
Phenanthrene	85-01-8	ug/kg	56,000.	5,300.	160,096.1	1,100,000.	190,000.	2,900,000.	5,200,000.	---
Phenol	108-95-2	ug/kg	88,000.	4,200.	48,000.	12,000,000.	---	18,000,000,000.	12,000,000.	---
Pyrene	129-00-0	ug/kg	480,000.	---	3,181.6	480,000.	780,000,000.	2,900,000,000.	84,000,000.	---
Polychlorinated Biphenyls:										
PCB-1248	12672-29-6	ug/kg	---	---	---	---	810,000.	6,500,000.	4,800.	---
PCB-1254	11097-69-1	ug/kg	---	---	---	---	810,000.	6,500,000.	4,800.	---
PCB-1260	11096-82-5	ug/kg	---	---	---	---	810,000.	6,500,000.	4,800.	---
PCB-1016	12674-11-2	ug/kg	---	---	---	---	810,000.	6,500,000.	4,800.	---
PCB-1221	11104-28-2	ug/kg	---	---	---	---	810,000.	6,500,000.	4,800.	---
PCB-1232	11141-16-5	ug/kg	---	---	---	---	810,000.	6,500,000.	4,800.	---
PCB-1242	53469-21-9	ug/kg	---	---	---	---	810,000.	6,500,000.	4,800.	---
PCB-1248	12672-29-6	ug/kg	---	---	---	---	810,000.	6,500,000.	4,800.	---
PCB-1254	11097-69-1	ug/kg	---	---	---	---	810,000.	6,500,000.	4,800.	---
PCB-1260	11096-82-5	ug/kg	---	---	---	---	810,000.	6,500,000.	4,800.	---
Metals:										
Aluminum, Total	7429-90-5	mg/kg	1.	---	---	1,000,000.	---	---	370,000.	6,900.
Arsenic, Total	7440-38-2	mg/kg	23.	0.07	5.6	2,000.	---	910.	37.	5.8
Barium, Total	7440-39-3	mg/kg	1,300.	1,200.	3,200.	1,000,000.	---	150,000.	130,000.	75.

TABLE 3
SUMMARY OF SOIL CRITERA
JCI -FOWLERVILLE

			Soil Residential Drinking Water Protection	Soil GSI	Soil GSI Protection Human Health Based	Soil Groundwater Contact Criteria	Soil Infinite Volatilization	Soil Particulate Inhalation	Soil Industrial Direct Contact	Soil Statewide Default Background
Cadmium, Total	7440-43-9	mg/kg	6.	7.4	2.6	230,000.	---	2,200.	2,100.	1.2
Chromium(VI)	18540-29-9	mg/kg	30.	3.3	---	140,000.	---	240.	9,200.	---
Copper, Total	7440-50-8	mg/kg	5,800.	170.	1,280.	1,000,000.	---	59,000.	73,000.	32.
Cyanide, Total	57-12-5	mg/kg	4.	0.2	960.	250.	---	250.	250.	0.39
Lead, Total	7439-92-1	mg/kg	700.	7,900.	3.8	---	---	44,000.	900.	21.
Mercury, Total	7439-97-6	mg/kg	1.7	0.1	0.000036	47.	62.	8,800.	580.	0.13
Nickel, Total	7440-02-0	mg/kg	100	180.	4,200.	1,000,000.	---	16,000.	150,000.	20.
Selenium, Total	7782-49-2	mg/kg	4	0.4	54.	78,000.	---	59,000.	9,600.	0.41
Silver, Total	7440-22-4	mg/kg	4.5	0.5	220.	200,000.	---	2,900.	9,000.	1.
Zinc, Total	7440-66-6	mg/kg	2,400.	380.	440.	1,000,000.	---	---	630,000.	47.
Miscellaneous Parameters:										
Cyanide, Free	57-12-5	mg/kg	4.	0.2	960.	250.	---	250.	250.	0.39
Cyanide, Total	57-12-5	mg/kg	4.	0.2	960.	250.	---	250.	250.	0.39

NOTES:

--- Standard not listed.

TABLE 4

SUMMARY OF GROUNDWATER EXCEEDANCES
JCI -FOWLERVILLE

Location	Field ID	Date Sampled	On-Site/Off-Site	Groundwater Residential Drinking Water	Groundwater GSI & Hardness Adjusted Parameters	Groundwater GSI Human Health Based	Groundwater Contact Criteria	Groundwater Volatilization to Indoor Air
GW32	GW32-1417- 102803-01	10/28/2003	Off-Site					
GW32	GW32-1417-102803-01	10/28/2003	Off-Site					
GW33	GW33-0609- 102803-01	10/28/2003	Off-Site					
GW33	GW33-0609-102803-01	10/28/2003	Off-Site					
MW-01	MW01- 090903-01	9/9/2003	On-Site	X	X	X		
MW-01	MW01- 090903-02	9/9/2003	On-Site	X	X	X		
MW-01	MW01- 110503-01	11/5/2003	On-Site	X	X	X		
MW-02	EW-14- 110603-01	11/6/2003	On-Site	X	X	X		
MW-02	MW02- 090903-01	9/9/2003	On-Site	X	X	X		
MW-03	MW03- 090903-01	9/9/2003	On-Site	X	X	X		
MW-03	MW03- 110603-01	11/6/2003	On-Site	X	X	X		
MW-03C	MW03C- 093003-01	9/30/2003	On-Site					
MW-03C	MW03C- 110603-01	11/6/2003	On-Site					
MW-04	MW04- 090903-01	9/9/2003	On-Site					
MW-04	MW04- 110503-01	11/5/2003	On-Site					
MW-05	MW05- 090903-01	9/9/2003	On-Site	X	X	X		
MW-05	MW05- 110503-01	11/5/2003	On-Site	X	X	X		
MW-06	MW06- 091003-01	9/10/2003	On-Site	X	X	X		
MW-06	MW06- 110503-01	11/5/2003	On-Site	X	X	X		
MW-06	MW06- 110503-02	11/5/2003	On-Site	X	X			
MW-07	MW07- 091003-01	9/10/2003	On-Site					
MW-07	MW07- 110503-01	11/5/2003	On-Site					
MW-08	MW08- 100203-01	10/2/2003	On-Site	X	X	X		
MW-08	MW08- 110403-01	11/4/2003	On-Site	X	X	X		
MW-09	MW09- 100103-01	10/1/2003	On-Site	X	X			
MW-09	MW09- 110503-01	11/5/2003	On-Site	X	X			
MW-09B	MW09B- 100103-01	10/1/2003	On-Site					
MW-09B	MW09B- 110603-01	11/6/2003	On-Site					
MW-09C	MW09C- 100103-01	10/1/2003	On-Site					
MW-09C	MW09C- 100103-02	10/1/2003	On-Site					
MW-09C	MW09C- 110603-01	11/6/2003	On-Site					
MW-0S1	MW-0S1- 110403-01	11/4/2003	Off-Site		X			
MW-0S1	MW051- 100303-01	10/3/2003	Off-Site		X			
MW-0S1C	MW-0S1C- 110403-01	11/4/2003	Off-Site					

TABLE 4

SUMMARY OF GROUNDWATER EXCEEDANCES
JCI -FOWLERVILLE

Location	Field ID	Date Sampled	On-Site/Off-Site	Groundwater Residential Drinking Water	Groundwater GSI & Hardness Adjusted Parameters	Groundwater GSI Human Health Based	Groundwater Contact Criteria	Groundwater Volatilization to Indoor Air
MW-0S1C	MW051C- 091103-01	9/11/2003	Off-Site					
MW-0S1C	MW051C- 100303-01	10/3/2003	Off-Site					
MW-0S3	MW-0S3- 110603-01	11/6/2003	Off-Site	X	X	X		
MW-0S3	MW-0S3- 110603-02	11/6/2003	Off-Site	X	X	X		
MW-0S3	MW053- 100303-01	10/3/2003	Off-Site	X	X	X		
MW-0S3C	MW-0S3C- 110503-01	11/5/2003	Off-Site		X			
MW-0S3C	MW-0S3C- 110503-02	11/5/2003	Off-Site					
MW-0S3C	MW053C- 091003-01	9/10/2003	Off-Site					
MW-0S3C	MW053C- 100303-01	10/3/2003	Off-Site					
MW-10	MW10- 100103-01	10/1/2003	On-Site	X	X	X		
MW-10	MW10- 110503-01	11/5/2003	On-Site	X	X	X		
MW-11	MW11- 091003-01	9/10/2003	On-Site	X				
MW-11	MW11- 110503-01	11/5/2003	On-Site	X	X			
MW-12	MW12- 091003-01	9/10/2003	On-Site					
MW-13	MW-13- 091103-01	9/11/2003	Off-Site					
MW-13	MW-13- 110403-01	11/4/2003	Off-Site		X			
MW-13C	MW-13C 110403-02	11/4/2003	Off-Site		X			
MW-13C	MW-13C- 110403-01	11/4/2003	Off-Site		X			
MW-13C	MW13C- 091103-01	9/11/2003	Off-Site					
MW-14	MW14- 093003-01	9/30/2003	Off-Site		X			
MW-14	MW14- 100603-01	10/6/2003	Off-Site					
MW-14	MW14- 110503-01	11/5/2003	Off-Site		X			
MW-14C	MW14C- 093003-01	9/30/2003	Off-Site					
MW-14C	MW14C- 110503-01	11/5/2003	Off-Site		X			
MW-15	MW-15- 110303-01	11/3/2003	Off-Site		X			
MW-15	MW15- 091103-01	9/11/2003	Off-Site					
MW-15C	MW-15C- 110303-01	11/3/2003	Off-Site		X			
MW-15C	MW15C- 091103-01	9/11/2003	Off-Site					
MW-15C	MW15C- 091103-02	9/11/2003	Off-Site					
MW-17	MW17- 100203-01	10/2/2003	On-Site	X	X	X		
MW-17	MW17- 110403-01	11/4/2003	On-Site	X	X	X		
MW-18	MW-18- 110403-01	11/4/2003	On-Site	X	X	X		
MW-18	MW18- 100103-01	10/1/2003	On-Site	X	X	X		
MW-19	MW19- 100303-01	10/3/2003	On-Site	X				

TABLE 4

SUMMARY OF GROUNDWATER EXCEEDANCES
JCI -FOWLERVILLE

Location	Field ID	Date Sampled	On-Site/Off-Site	Groundwater Residential Drinking Water	Groundwater GSI & Hardness Adjusted Parameters	Groundwater GSI Human Health Based	Groundwater Contact Criteria	Groundwater Volatilization to Indoor Air
MW-19	MW19- 100303-02	10/3/2003	On-Site	X				
MW-19	MW19- 110403-01	11/4/2003	On-Site	X	X			
MW-20	MW-20- 110403-01	11/4/2003	Off-Site		X			
MW-20	MW20- 100303-01	10/3/2003	Off-Site		X			
MW-21	MW21- 010804-01	1/8/2004	On-Site					
MW-22	MW-22- 110303-01	11/3/2003	On-Site	X	X			
MW-22	MW22- 100201-01	10/2/2003	On-Site	X	X			
MW-23	MW-23- 110303-01	11/3/2003	On-Site	X	X			
MW-23	MW23- 100303-01	10/3/2003	On-Site	X				
MW-23	MW23- 100303-02	10/3/2003	On-Site	X				
MW-25	MW25- 100203-01	10/2/2003	On-Site	X	X	X		
MW-25	MW25- 110503-01	11/5/2003	On-Site	X	X	X		
MW-26	MW26- 100203-01	10/2/2003	On-Site	X	X	X		
MW-26	MW26- 110403-01	11/4/2003	On-Site	X	X	X		
MW-27	MW27- 122903-01	12/29/2003	Off-Site		X			
MW-27C	MW-27C- 122903-01	12/29/2003	Off-Site		X			
MW-28	MW28- 122903-01	12/29/2003	Off-Site	X	X			
MW-28C	MW28C- 122903-01	12/29/2003	Off-Site		X			
MW-29	MW29- 123003-01	12/30/2003	Off-Site					
MW-29C	MW29C- 123003-01	12/30/2003	Off-Site		X			
MW-29C	MW29C- 123003-02	12/30/2003	Off-Site		X			
MW-A2	MWA2- 100303-01	10/3/2003	On-Site		X			
MW-B1	MWB1- 100203-01	10/2/2003	On-Site	X	X	X		
MW-B2	MWB2- 100203-01	10/2/2003	On-Site	X	X	X		
MW-B4	MWB4- 100203-01	10/2/2003	On-Site					
MW-C2	MWC2- 100203-01	10/2/2003	On-Site					
MW-E2	MWE2- 100303-01	10/3/2003	On-Site		X			
MW-F2	MWF2- 100201-01	10/2/2003	On-Site					
MW-F5	MWF5- 100303-01	10/3/2003	On-Site					
MW-F5	MWF5- 100303-02	10/3/2003	On-Site					
MW-G1	MWG1- 100303-01	10/3/2003	On-Site					
MW-G4	MWG4- 100303-01	10/3/2003	On-Site	X				
MW-J2	MWJ2- 100203-01	10/2/2003	On-Site	X	X			
MW-J3	MWJ3- 100203-01	10/2/2003	On-Site					

TABLE 4

SUMMARY OF GROUNDWATER EXCEEDANCES
JCI -FOWLERVILLE

Location	Field ID	Date Sampled	On-Site/Off-Site	Groundwater Residential Drinking Water	Groundwater GSI & Hardness Adjusted Parameters	Groundwater GSI Human Health Based	Groundwater Contact Criteria	Groundwater Volatilization to Indoor Air
MW-BCK1	MW-BCK-1- 100103-01	10/1/2003	On-Site					
MW-BCK2	MW-BCK-2- 100103-01	10/1/2003	On-Site					
MW-BCK3	MW-BCK-3- 100103-01	10/1/2003	On-Site					
OE01 Water	OE01-11-13 062603-01	6/26/2003	Off-Site					
OE02	OE02-08-10 062703-01	6/27/2003	Off-Site	X				
OE02	OE02-12-14 062703-01	6/27/2003	Off-Site					
OE03	OE03-0611- 070703-01	7/7/2003	Off-Site	X				
OE04	OE04-13-15 062703-01	6/27/2003	Off-Site					
OE05	OE05-0712- 070703-01	7/7/2003	Off-Site					
OE06	OE06-0308- 070703-01	7/7/2003	Off-Site					
OE07	OE07-0914- 070703-01	7/7/2003	Off-Site					
OE07	OE07-0914- 070703-02	7/7/2003	Off-Site					
OE07	OE07-16-18 062603-01	6/26/2003	Off-Site					
OE08	OE08-06-08 062603-01	6/26/2003	Off-Site					
OS1	OS1- 071703-01	7/17/2003	Off-Site					
OS3	OS3- 071703-01	7/17/2003	Off-Site	X	X	X		
OW16	OW16- 101703-01	10/17/2003	On-Site					

NOTES:

X - Indicates and exceedance of one or more compound(s).
A blank cell indicates that the standard has not been exceeded.

TABLE 5

SUMMARY OF SEDIMENT EXCEEDANCES
JCI -FOWLERVILLE

Location	Field ID	Depth	Date Sampled	Sediment Contact Criteria
SD-A1	SDA1012-042303-01	0 - 12	4/23/2003	
SD-A1	SDA11224-042303-01	12 - 24	4/23/2003	
SD-A2	SDA2012-042303-01	0 - 12	4/23/2003	
SD-A2	SDA2012-042303-02	0 - 12	4/23/2003	
SD-A2	SDA21224-042303-01	12 - 24	4/23/2003	
SD-A3	SDA3012-042303-01	0 - 12	4/23/2003	
SD-A3	SDA31224-042303-01	12 - 24	4/23/2003	
SDB1	SDB1-0016- 101703-01	0 - 16	10/17/2003	
SDB2	SDB2-0016- 101703-01	0 - 16	10/17/2003	
SDB3	SDB3-0012- 101703-01	0 - 12	10/17/2003	
SDB3	SDB3-1228- 101703-01	12 - 28	10/17/2003	
SDB3	SDB3-1228- 101703-02	12 - 28	10/17/2003	
SDB3	SDB3-3642- 101703-01	36 - 42	10/17/2003	
SD-C1	SDC1012-042203-01	0 - 12	4/22/2003	
SD-C1	SDC11224-042203-01	12 - 24	4/22/2003	
SDC2	SDC2-0013- 101703-01	0 - 13	10/17/2003	
SDC3	SDC3-4248- 101703-01	42 - 48	10/17/2003	
SD-C3	SDC3012-042203-01	0 - 12	4/22/2003	
SD-C3	SDC31224-042203-01	12 - 24	4/22/2003	
SD-C3	SDC31224-042203-02	12 - 24	4/22/2003	
SDD1	SDD1-0006- 101603-01	0 - 6	10/16/2003	
SDD2	SDD2-0007- 101603-01	0 - 7	10/16/2003	
SDD2	SDD2-2430- 101703-01	24 - 30	10/17/2003	
SDD3	SDD3-0012- 101603-01	0 - 12	10/16/2003	
SD-E1	SDE1012-042203-01	0 - 12	4/22/2003	
SD-E1	SDE11224-042203-01	12 - 24	4/23/2003	
SDE1	SDE1-3642- 101703-01	36 - 42	10/17/2003	
SD-E2	SDE2012-042203-01	0 - 12	4/22/2003	
SD-E2	SDE21224-042203-01	12 - 24	4/22/2003	
SD-E3	SDE3012-042203-01	0 - 12	4/22/2003	
SD-E3	SDE31224-042203-01	12 - 24	4/22/2003	
SDF1	SDF1-0012- 101603-01	0 - 12	10/16/2003	
SDF1	SDF1-1224- 101603-01	12 - 24	10/16/2003	
SDF2	SDF2-0012- 101603-01	0 - 12	10/16/2003	
SDF2	SDF2-1226- 101603-01	12 - 26	10/16/2003	
SDF3	SDF3-0012- 101603-01	0 - 12	10/16/2003	
SDF3	SDF3-1222- 101603-01	12 - 22	10/16/2003	
SD-G1	SDG1-0012- 101603-01	0 - 12	10/16/2003	
SD-G1	SDG1-1228- 101603-01	12 - 28	10/16/2003	
SD-G1	SDG1-1228- 101603-02	12 - 28	10/16/2003	
SD-G2	SDG2-0012- 101603-01	0 - 12	10/16/2003	
SD-G2	SDG2-1227- 101603-01	12 - 27	10/16/2003	
SD-G2	SDG2-1227- 101603-02	12 - 27	10/16/2003	
SD-G3	SDG3-0014- 101603-01	0 - 14	10/16/2003	
SD-H1	SDHI-0012- 101603-01	0 - 12	10/16/2003	
SD-H1	SDHI-1224- 101603-01	12 - 0	10/16/2003	
SD-H1	SDHI-2436- 101603-01	24 - 36	10/16/2003	
SD-H2	SDH2-0012- 101603-01	0 - 12	10/16/2003	
SD-H2	SDH2-1224- 101603-01	12 - 0	10/16/2003	
SD-H2	SDH2-2445- 101603-01	24 - 45	10/16/2003	
SD-H2	SDH2-2445- 101603-02	24 - 45	10/16/2003	
SD-H3	SDH3-0012- 101603-01	0 - 12	10/16/2003	
SD-H3	SDH3-1221- 101603-01	12 - 21	10/16/2003	
SD-I1	SDI1-0012- 101503-01	0 - 12	10/15/2003	
SD-I1	SDI1-1224- 101503-01	12 - 0	10/15/2003	
SD-I1	SDI1-2445- 101503-01	24 - 45	10/15/2003	
SD-I1	SDI1-2445- 101503-02	24 - 45	10/15/2003	
SD-I2	SDI2-0012- 101503-01	0 - 12	10/15/2003	
SD-I2	SDI2-1224- 101503-01	12 - 0	10/15/2003	
SD-I2	SDI2-2436- 101503-01	24 - 36	10/15/2003	
SD-I3	SDI3-0012- 101503-01	0 - 12	10/15/2003	
SD-I3	SDI3-1231- 101503-01	12 - 31	10/15/2003	
SD-I3	SDI3-1231- 101503-02	12 - 31	10/15/2003	
SD-J1	SDJ1012-042203-01	0 - 12	4/22/2003	
SD-J1	SDJ11224-042203-01	12 - 24	4/22/2003	
SD-J1	SDJ11224-042203-02	12 - 24	4/22/2003	

TABLE 5

SUMMARY OF SEDIMENT EXCEEDANCES
JCI -FOWLERVILLE

Location	Field ID	Depth	Date Sampled	Sediment Contact Criteria
SD-J2	SDJ2-0012- 101503-01	0 - 12	10/15/2003	
SD-J2	SDJ2-1224- 101503-01	12 - 0	10/15/2003	
SD-J3	SDJ3012-042203-01	0 - 12	4/22/2003	
SD-J3	SDJ31224-042203-01	12 - 24	4/22/2003	
SD-K1	SDK1-0012- 101503-01	0 - 12	10/15/2003	
SD-K1	SDK1-1224- 101503-01	12 - 0	10/15/2003	
SD-K2	SDK2-0012- 101503-01	0 - 12	10/15/2003	
SD-K2	SDK2-1224- 101503-01	12 - 0	10/15/2003	
SD-K3	SDK3-0012- 101503-01	0 - 12	10/15/2003	
SD-K3	SDK3-1224- 101503-01	12 - 0	10/15/2003	
SD-L1	SDL1012 052003-01	0 - 12	5/20/2003	
SD-L1	SDL1012 052003-02	0 - 12	5/20/2003	
SD-L1	SDL11224 052003-01	12 - 24	5/20/2003	
SD-L2	SDL2012 052003-01	0 - 12	5/20/2003	
SD-L3	SDL3012 052003-01	0 - 12	5/20/2003	
SD-L3	SDL31224 052003-01	12 - 24	5/20/2003	
SD-M1	SDM1012 052003-01	0 - 12	5/20/2003	
SD-M1	SDM11224 052003-01	12 - 24	5/20/2003	
SD-M2	SDM2012 052003-01	0 - 12	5/20/2003	
SD-M2	SDM21224 052003-01	12 - 24	5/20/2003	
SD-M3	SDM3012 052003-01	0 - 12	5/20/2003	
SD-M3	SDM31224 052003-01	12 - 24	5/20/2003	
SDBG1	SDBG1012-041803-01	0 - 12	4/18/2003	
SDBG1	SDBG11224-041803-01	12 - 24	4/18/2003	
SDBG2	SDBG2012-041803-01	0 - 12	4/18/2003	
SDBG2	SDBG21224-041803-01	12 - 24	4/18/2003	
SDBG3	SDBG3012-042103-01	0 - 12	4/21/2003	
SDBG3	SDBG31224-042103-01	12 - 24	4/21/2003	
SDBG4	SDBG4012-042103-01	0 - 12	4/21/2003	
SDBG4	SDBG41224-042103-01	12 - 24	4/21/2003	
SDBG5	SDBG5012-042103-01	0 - 12	4/21/2003	
SDBG5	SDBG51224-042103-01	12 - 24	4/21/2003	
SE/RC-1/12	SE/RC-1/12	6 - 12	4/1/1991	
SE/RC-1/3	SE/RC-1/3	0 - 3	4/1/1991	
SE/RC-2/12	SE/RC-2/12	6 - 12	4/1/1991	
SE/RC-2/3	SE/RC-2/3	0 - 3	4/1/1991	
SE/RC-3/12	SE/RC-3/12	6 - 12	4/1/1991	
SE/RC-3/12	SE/RC-6/12	6 - 12	4/1/1991	
SE/RC-3/3	SE/RC-3/3	0 - 3	4/1/1991	
SE/RC-4/12	SE/RC-4/12	6 - 12	4/1/1991	
SE/RC-4/3	SE/RC-4/3	0 - 3	4/1/1991	
SE/RC-5/12	SE/RC-5/12	6 - 12	4/1/1991	
SE/RC-5/3	SE/RC-5/3	0 - 3	4/1/1991	
SE/RC-6/1	SE/RC-6/1	6 - 12	1/1/1994	
SE/RC-6/2	SE-RC-6/2	6 - 12	1/1/1994	
SE/RC-7/1	SE/RC-7/1	0 - 3	1/1/1994	
SE/RC-7/2	SE/RC-7/2	6 - 12	1/1/1994	
SE/RC-8/1	SE/RC-8/1	0 - 3	1/1/1994	
SE/RC-8/2	SE/RC-8/2	6 - 12	1/1/1994	
SE/RC-9/1	SE/RC-9/1	0 - 3	1/1/1994	
SE/RC-9/2	SE/RC-9/2	6 - 12	1/1/1994	
SE/RC-10/1	SE/RC-10/1	0 - 3	1/1/1994	
SE/RC-10/2	SE/RC-10/2	6 - 12	1/1/1994	
SE/RC-11/1	SE/RC-11/1	0 - 3	1/1/1994	
SE/RC-11/2	SE/RC-11/2	6 - 12	1/1/1994	
SE/RC-12/1	SE/RC-12/1	0 - 3	1/1/1994	
SE/RC-12/2	SE/RC-12/2	6 - 12	1/1/1994	
SE/RC-13/1	SE/RC-13/1	0 - 3	1/1/1994	
SE/RC-13/2	SE/RC-13/2	6 - 12	1/1/1994	
SE/RC-13/2	SE/RC-13/2 Dup	6 - 12	1/1/1994	
SE/RC-14/1	SRC-14/136787	0 - 0	9/18/2000	
SE/RC-15/1	SRC-15/136787	0 - 0	9/18/2000	
SE/RC-15/2	SRC-15/236787	0 - 0	9/18/2000	
SE/RC-16/1	SRC-16/136787	0 - 0	9/18/2000	
SE/RC-17/1	SRC-17/136787	0 - 0	9/18/2000	
SE/RC-17/2	SRC-17/236787	0 - 0	9/18/2000	

TABLE 5

SUMMARY OF SEDIMENT EXCEEDANCES
JCI -FOWLERVILLE

Location	Field ID	Depth	Date Sampled	Sediment Contact Criteria
SE/RC-18/1	SRC-18/136787	0 - 0	9/18/2000	
SE/RC-19/1	SRC-19/136787	0 - 0	9/18/2000	
SE/RC-19/2	SRC-19/236787	0 - 0	9/18/2000	
SE/RC-20/1	SRC-20/136787	0 - 0	9/18/2000	
SE/RC-21/1	SRC-21/136787	0 - 0	9/18/2000	
SE/RC-21/2	SRC-21/236787	0 - 0	9/18/2000	
SE/RC-22/1	SRC-22/136787	0 - 0	9/18/2000	
SE/RC-22/2	SRC-22/236787	0 - 0	9/18/2000	
SE/RC-22A/1	SRC-22A/136787	0 - 0	9/18/2000	
SE/RC-22A/2	SRC-22A/236787	0 - 0	9/18/2000	
SE/RC-23/1	SRC-23/1 DEP36787	0 - 0	9/18/2000	
SE/RC-23/2	SRC-23/236787	0 - 0	9/18/2000	
SE/RC-24-1	SRC-24/136787	0 - 0	9/18/2000	
SE/RC-25-1	SRC-25/136787	0 - 0	9/18/2000	
SE/RC-100/1	SE/RC-100/1	0 - 3	9/1/2000	
SE/RC-101/1	SE/RC-101/1	0 - 3	9/1/2000	
SE/RC-102/1	SE/RC-102/1	0 - 3	9/1/2000	
SE/RC-103/1	SE/RC-103/1	0 - 3	9/1/2000	
SO/RC-23/1	SRC-23/136787	0 - 0	9/18/2000	

NOTES:

X - Indicates and exceedance of one or more compound(s).
A blank cell indicates that the standard has not been exceeded.

TABLE 6

SUMMARY OF SURFACE WATER EXCEEDANCES
JCI -FOWLERVILLE

Location	Field ID	Date Samples	Groundwater GSI Human Health Based
SW/RC-1	SW/RC-1	4/1/1991	
SW/RC-2	SW/RC-2	4/1/1991	
SW/RC-3	SW/RC-3	4/1/1991	
SW/RC-3	SW/RC-6 Dup	4/1/1991	
SW/RC-4	SW/RC-4	4/1/1991	
SW/RC-5	SW/RC-5	4/1/1991	
SW01	SW01-0909- 102303-01	10/23/2003	
SW02	SW02-1111- 102303-01	10/23/2003	
SW03	SW03-1111- 102303-01SW0	10/23/2003	
SW03	SW03-1111- 102303-02	10/23/2003	
SW04	SW04-1212- 102203-01SW0	10/22/2003	
SW05	SW05-1212- 102203-01SW0	10/22/2003	
SW06	SW06-1111- 102203-01SW0	10/22/2003	
SW07	SW07-0202- 102203-01SW0	10/22/2003	
SW08	SW08-0101- 102903-01	10/29/2003	
SW09	SW09-0202- 110403-01	11/4/2003	
SW10	SW10-0202- 110403-01	11/4/2003	
SW-1	SW-1	4/29/2003	

NOTES:

A blank cell indicates that the standard has not been exceeded.

TABLE 7

SUMMARY OF SUBSURFACE SOIL EXCEEDANCES
JCI -FOWLERVILLE

Location	Field ID	Depth	Date Sampled	Soil Residential Drinking Water Protection	Soil GSI	Soil GSI Protection Human Health Based	Soil Industrial Direct Contact	Soil Statewide Default Background	Soil Groundwater Contact Criteria	Soil Infinite Volatilization	Soil Particulate Inhalation	Soil Industrial Direct Contact
BC21	BC21-0506- 073103-01	5 - 6	7/31/2003		X	X		X				
BC22	BC22-0506- 073103-01	5 - 6	7/31/2003		X	X		X				
EE29	EE29-02-04 062503-01	2 - 4	6/25/2003									
EE29	EE29-04-06 062503-01	4 - 6	6/25/2003									
EE36	EE36-02-04 061903-01	2 - 4	6/19/2003									
EE36	EE36-04-06 061903-01	4 - 6	6/19/2003									
EE37	EE37-02-04 061903-01	2 - 4	6/19/2003									
EE37	EE37-04-06 061903-01	4 - 6	6/19/2003									
EF01	EF01-0305- 090503-01	3 - 5	9/5/2003									
EF02	EF02-0305- 090503-01	3 - 5	9/5/2003									
EF03	EF03-0305- 090503-01	3 - 5	9/5/2003									
ET12	ET12-0506- 073003-01	5 - 6	7/30/2003	X	X	X						
FF27	FF27-0506- 090503-01	5 - 6	9/5/2003									
FF34	FF34-02-04 061903-01	2 - 4	6/19/2003									
FF34	FF34-04-06 061903-01	4 - 6	6/19/2003									
FF35	FF35-02-04 061903-01	2 - 4	6/19/2003									
FF35	FF35-04-06 061903-01	4 - 6	6/19/2003									
FF36	FF36-02-04 061903-01	2 - 4	6/19/2003									
FF36	FF36-04-06 061903-01	4 - 6	6/19/2003									
FF37	FF37-02-04 061903-01	2 - 4	6/19/2003									
FF37	FF37-0305- 090503-01	3 - 5	9/5/2003		X							
FP01	FP01-0404- 072503-01	4 - 4	7/25/2003									
FP02	FP02-0708- 073003-01	7 - 8	7/30/2003									
FP03	FP03-0708- 073003-01	7 - 8	7/30/2003									
FP04	FP04-0708- 073003-01	7 - 8	7/30/2003									
FP05	FP05-0708- 073003-01	7 - 8	7/30/2003									
FP06	FP06-0708- 073003-01	7 - 8	7/30/2003									
FP07	FP07-0708- 073003-01	7 - 8	7/30/2003									
FPEX	FPEX-0708- 072303-01	7 - 8	7/23/2003									
GG25	GG25-0204 071003-01	2 - 4	7/10/2003		X	X						
GG28	GG28-0406 071003-01	4 - 6	7/10/2003		X	X		X				
GG31	GG31-0406- 090503-01	4 - 6	9/5/2003									
GG31	GG316-6.3 041403-01	6 - 6.3	4/14/2003									
GG32	GG32-0204 071103-01	2 - 4	7/11/2003		X	X						
GG33	GG336-6.5 041403-01	6 - 6.5	4/14/2003									
GG34	GG34-0406- 090503-01	4 - 6	9/5/2003									
GG35	GG356-6.5 041403-01	6 - 6.5	4/14/2003									
GG36	GG36-0507 071003-01	5 - 7	7/10/2003	X	X	X		X				
GG37	GG376-6.5 041403-01	6 - 6.5	4/14/2003		X	X		X				
II26	II26-0406 071003-01	4 - 6	7/10/2003		X	X		X				
II31	II316-6.5 041103-01	6 - 6.5	4/11/2003									
II31	II316-6.5 041103-02	6 - 6.5	4/11/2003									
II33	II336-6.5 041103-01	6 - 6.5	4/11/2003									
II34	II34-0204 071003-01	2 - 4	7/10/2003		X	X		X				
II35	II356-6.5 041103-01	6 - 6.5	4/11/2003									

TABLE 7

SUMMARY OF SUBSURFACE SOIL EXCEEDANCES
JCI -FOWLERVILLE

Location	Field ID	Depth	Date Sampled	Soil Residential Drinking Water Protection	Soil GSI	Soil GSI Protection Human Health Based	Soil Industrial Direct Contact	Soil Statewide Default Background	Soil Groundwater Contact Criteria	Soil Infinite Volatilization	Soil Particulate Inhalation	Soil Industrial Direct Contact
II37	II376-6.5 041103-01	6 - 6.5	4/11/2003									
II38	II38-0507 071003-01	5 - 7	7/10/2003		X	X		X				
II39	II396-6.5 041103-01	6 - 6.5	4/11/2003									
JJ39	JJ39-02-04 062403-01	2 - 4	6/24/2003									
KK25	KK25-2545 071003-01	2.5 - 4.5	7/10/2003		X	X		X				
KK28	KK28-0406 071003-01	4 - 6	7/10/2003		X	X						
KK31	KK316-6.5 041103-01	6 - 6.5	4/11/2003									
KK32	KK32-1503 071003-01	1.5 - 3	7/10/2003		X	X		X				
KK33	KK332-4 041103-01	2 - 4	4/11/2003		X	X		X				
KK35	KK356-6.5 041103-01	6 - 6.5	4/11/2003									
KK36	KK36-0507 071103-01	5 - 7	7/11/2003		X	X		X				
KK37	KK376-6.5 041103-01	6 - 6.5	4/11/2003		X	X		X				
KK39	KK396-6.5 041103-01	6 - 6.5	4/11/2003									
MD22	MD22-0203- 081903-01	2 - 3	8/19/2003	X	X	X		X				
MD23	MD23-0304- 081903-01	3 - 4	8/19/2003		X	X		X				
MD25	MD25-0203- 081903-01	2 - 3	8/19/2003		X							
MD35	MD35-0304- 090903-01	3 - 4	9/9/2003		X							
MD36	MD36-0304- 090903-01	3 - 4	9/9/2003	X	X	X		X				
MD37	MD37-0203- 090903-01	2 - 3	9/9/2003		X	X		X				
MD45	MD45-0304- 091003-01	3 - 4	9/10/2003		X	X		X				
MD46	MD46-0405- 091003-01	4 - 5	9/10/2003		X	X						
MD54	MD54-0203- 091003-01	2 - 3	9/10/2003		X			X				
MD55	MD55-0304- 091003-01	3 - 4	9/10/2003	X	X	X		X				
MD56	MD56-0203- 091003-01	2 - 3	9/10/2003		X	X		X				
MD57	MD57-0304- 091003-01	3 - 4	9/10/2003		X	X		X				
MD58	MD58-0405- 091103-01	4 - 5	9/11/2003		X	X						
MD59	MD59-0304- 091103-01	3 - 4	9/11/2003		X	X		X				
MD60	MD60-0203- 091103-01	2 - 3	9/11/2003	X	X	X		X				
MD61	MD61-0203- 091103-01	2 - 3	9/11/2003		X	X		X				
MD62	MD62-0203- 091103-01	2 - 3	9/11/2003	X	X	X		X				
MD65	MD65-0203- 091103-01	2 - 3	9/11/2003		X	X		X				
MD66	MD66-0203- 091103-01	2 - 3	9/11/2003	X	X	X		X				
MD70	MD70-0304- 091103-01	3 - 4	9/11/2003	X	X	X		X				
MD71	MD71-0203- 091103-01	2 - 3	9/11/2003		X	X		X				
MD72	MD72-0304- 091103-01	3 - 4	9/11/2003		X	X		X				
MD73	MD73-0304- 091103-01	3 - 4	9/11/2003		X	X						
MD74	MD74-0405- 091103-01	4 - 5	9/11/2003		X	X		X				
MD74	MD74-0405- 091103-02	4 - 5	9/11/2003		X	X		X				
MD75	MD75-0203- 091103-01	2 - 3	9/11/2003		X	X						
MD76	MD76-0203- 091103-01	2 - 3	9/11/2003		X	X						
MD77	MD77-0506- 091103-01	5 - 6	9/11/2003		X	X		X				
MD78	MD78-0304- 091103-01	3 - 4	9/11/2003		X	X		X				
MD79	MD79-0405- 091103-01	4 - 5	9/11/2003	X	X	X						
MD80	MD80-0203- 091103-01	2 - 3	9/11/2003		X	X		X				
MD81	MD81-0304- 091203-01	3 - 4	9/12/2003		X							

TABLE 7

SUMMARY OF SUBSURFACE SOIL EXCEEDANCES
JCI -FOWLERVILLE

Location	Field ID	Depth	Date Sampled	Soil Residential Drinking Water Protection	Soil GSI	Soil GSI Protection Human Health Based	Soil Industrial Direct Contact	Soil Statewide Default Background	Soil Groundwater Contact Criteria	Soil Infinite Volatilization	Soil Particulate Inhalation	Soil Industrial Direct Contact
MD81	MD81-0304- 091203-02	3 - 4	9/12/2003		X			X				
MD82	MD82-0405- 091203-01	4 - 5	9/12/2003		X	X		X				
MD83	MD83-0405- 091203-01	4 - 5	9/12/2003		X	X		X				
MD84	MD84-0405- 091203-01	4 - 5	9/12/2003		X	X		X				
MD85	MD85-0405- 091203-01	4 - 5	9/12/2003		X	X						
MD86	MD86-0405- 091203-01	4 - 5	9/12/2003	X	X	X		X				
MD87	MD87-0405- 091203-01	4 - 5	9/12/2003		X			X				
MD88	MD88-0608- 091603-01	6 - 8	9/16/2003		X	X		X				
MD89	MD89-0608- 091603-01	6 - 8	9/16/2003		X	X		X				
MD90	MD90-0608- 091603-01	6 - 8	9/16/2003		X	X		X				
MD91	MD91-0507- 091603-01	5 - 7	9/16/2003		X	X		X				
MD92	MD92-0406- 091603-01	4 - 6	9/16/2003		X	X		X				
MD93	MD93-0405- 091603-01	4 - 5	9/16/2003		X	X		X				
MD94	MD94-0405- 091603-01	4 - 5	9/16/2003		X	X		X				
MD94	MD94-0405- 091603-02	4 - 5	9/16/2003		X	X		X				
MD95	MD95-0606- 091603-01	6 - 6	9/16/2003		X	X		X				
MM22	MM22-0204 071103-01	2 - 4	7/11/2003		X	X						
MM22	MM22-0204 071103-02	2 - 4	7/11/2003		X	X		X				
MM26	MM26-2545 071003-01	2.5 - 4.5	7/10/2003		X	X		X				
MM30	MM30-0305 071003-01	3 - 5	7/10/2003		X	X		X				
MM31	MM316-6.5 041403-01	6 - 6.5	4/14/2003									
MM33	MM336-6.5 041403-01	6 - 6.5	4/14/2003									
MM34	MM34-0455 071003-01	4 - 5.5	7/10/2003		X	X		X				
MM35	MM356-6.5 041403-01	6 - 6.5	4/14/2003									
MM37	MM376-6.5 041103-01	6 - 6.5	4/11/2003									
MM38	MM38-0406 071003-01	4 - 6	7/10/2003	X	X	X	X	X				
MM39	MM396-6.5 041103-01	6 - 6.5	4/11/2003		X	X		X				
MM39	MM396-6.5 041103-02	6 - 6.5	4/11/2003		X	X		X				
MS01	MS01-0303- 101903-01	3 - 3	10/19/2003		X	X		X				
MS03	MS03-0404- 101903-01	4 - 4	10/19/2003	X	X	X	X	X				
MS04	MS04-0303- 101903-01	3 - 3	10/19/2003		X	X		X				
MS05	MS05-0303- 101903-01	3 - 3	10/19/2003			X		X				
MS08	MS08-0303- 101903-01	3 - 3	10/19/2003	X	X	X		X				
MS09	MS09-0505- 101903-01	5 - 5	10/19/2003		X	X		X				
MS10	MS10-0606- 101903-01	6 - 6	10/19/2003		X	X		X				
MS11	MS11-0505- 101903-01	5 - 5	10/19/2003		X	X		X				
MS11	MS11-0505- 101903-02	5 - 5	10/19/2003		X	X		X				
NN43	NN43-0204 071403-01	2 - 4	7/14/2003									
OE02	OE02-06-07 062703-01	6 - 7	6/27/2003									
OE03	OE03-06-07 062703-01	6 - 7	6/27/2003									
OE04	OE04-07-08 062703-01	7 - 8	6/27/2003									
OE05	OE05-07-08 062703-01	7 - 8	6/27/2003									
OE06	OE06-03-04 062603-01	3 - 4	6/26/2003									
OE07	OE07-03-04 062603-01	3 - 4	6/26/2003	X								
OE08	OE08-02-03 062603-01	2 - 3	6/26/2003	X								

TABLE 7

SUMMARY OF SUBSURFACE SOIL EXCEEDANCES
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Location	Field ID	Depth	Date Sampled	Soil Residential Drinking Water Protection	Soil GSI	Soil GSI Protection Human Health Based	Soil Industrial Direct Contact	Soil Statewide Default Background	Soil Groundwater Contact Criteria	Soil Infinite Volatilization	Soil Particulate Inhalation	Soil Industrial Direct Contact
OO25	OO25-2545 071003-01	2.5 - 4.5	7/10/2003		X	X		X				
OO28	OO28-0406 071103-01	4 - 6	7/11/2003		X	X		X				
OO32	OO32-0304 071103-01	3 - 4	7/11/2003		X	X						
OO36	OO36-0507 071103-01	5 - 7	7/11/2003		X	X		X				
OO37	OO376-6.5 041003-01	6 - 6.5	4/10/2003									
OO39	OO396-6.5 041003-01	6 - 6.5	4/10/2003									
OO41	OO416-6.5 041003-01	6 - 6.5	4/10/2003									
OO43	OO43-0204- 080403-01	2 - 4	8/4/2003									
OO43	OO43-0406- 080403-01	4 - 6	8/4/2003									
OO43	OO43-0608- 080403-01	6 - 8	8/4/2003									
OO43	OO43-0608- 080403-02	6 - 8	8/4/2003									
OO43	OO436-6.5 041003-01	6 - 6.5	4/10/2003									
PC01	PC01-0810- 090203-01	8 - 10	9/2/2003									
PC02	PC02-0810- 090203-01	8 - 10	9/2/2003									
PP45	PP45-0203- 063003-01	2 - 3	6/30/2003									
PP45	PP45-0406- 080403-01	4 - 6	8/4/2003									
PP45	PP45-0608- 080403-01	6 - 8	8/4/2003									
PS1	PS1-0103- 070903-01	1 - 3	7/9/2003									
PS2	PS2-0103- 070903-01	1 - 3	7/9/2003									
QQ26	QQ26-1535 071003-01	1.5 - 3.5	7/10/2003		X	X						
QQ30	QQ30-0305 071103-01	3 - 5	7/11/2003		X	X		X				
QQ37	QQ376-6.5 041003-01	6 - 6.5	4/10/2003									
QQ38	QQ38-0507 071103-01	5 - 7	7/11/2003	X	X	X		X				
QQ39	QQ396-6.5 041003-01	6 - 6.5	4/10/2003									
QQ41	QQ416-6.5 041003-01	6 - 6.5	4/10/2003									
QQ42	QQ42-5575 071103-01	5.5 - 7.5	7/11/2003	X	X	X		X				
QQ42	QQ42-5575 071103-02	5.5 - 7.5	7/11/2003	X	X	X		X				
RB01	RB01-0810- 090403-01	8 - 10	9/4/2003									
RB02	RB02-0810- 090403-01	8 - 10	9/4/2003									
RB02	RB02-1012- 090403-01	10 - 12	9/4/2003									
RB03	RB03-0810- 090403-01	8 - 10	9/4/2003									
RB04	RB04-0810- 090503-01	8 - 10	9/5/2003									
RB05	RB05-0810- 090503-01	8 - 10	9/5/2003									
RB06	RB06-0810- 090503-01	8 - 10	9/5/2003									
RR43	RR43-0204- 080503-01	2 - 4	8/5/2003									
RR43	RR43-0406- 080503-01	4 - 6	8/5/2003									
RR43	RR43-0406- 080503-02	4 - 6	8/5/2003									
RR43	RR43-0608- 080503-01	6 - 8	8/5/2003									
RR45	RR45-0204- 080403-01	2 - 4	8/4/2003									
RR45	RR45-0406- 080403-01	4 - 6	8/4/2003									
SS43	SS436-6.5 041003-01	6 - 6.5	4/10/2003	X	X	X		X				
SS45	SS45-0204- 080403-01	2 - 4	8/4/2003									
SS45	SS45-0406- 080403-01	4 - 6	8/4/2003									
SS45	SS45-0608- 080403-01	6 - 8	8/4/2003									
SS45	SS456-6.5 041003-01	6 - 6.5	4/10/2003									

TABLE 7

SUMMARY OF SUBSURFACE SOIL EXCEEDANCES
JCI -FOWLERVILLE

Location	Field ID	Depth	Date Sampled	Soil Residential Drinking Water Protection	Soil GSI	Soil GSI Protection Human Health Based	Soil Industrial Direct Contact	Soil Statewide Default Background	Soil Groundwater Contact Criteria	Soil Infinite Volatilization	Soil Particulate Inhalation	Soil Industrial Direct Contact
SWA1	SWA1-0406- 090303-01	4 - 6	9/3/2003									
TA01	TA01-0304-061003-01	3 - 4	6/10/2003	X	X							
TA02	TA02-0203-061003-01	2 - 3	6/10/2003		X	X						
TA03	TA03-0203-061003-01	2 - 3	6/10/2003	X	X	X						
TA03	TA03-0203-061003-02	2 - 3	6/10/2003		X	X						
TA04	TA04-0405-061003-01	4 - 5	6/10/2003	X	X	X		X				
TA04	TA04-0405-061003-02	4 - 5	6/10/2003	X	X	X		X				
TA06	TA06-0506-061003-01	5 - 6	6/10/2003	X	X	X						
TA06	TA06-0506-061003-02	5 - 6	6/10/2003		X	X						
TA07	TA07-0405- 072203-01	4 - 5	7/22/2003		X	X						
TA08	TA08-0203- 091103-01	2 - 3	9/11/2003		X							
TA09	TA09-0304- 091103-01	3 - 4	9/11/2003									
TB01	TB01-0304-061003-01	3 - 4	6/10/2003	X	X	X		X				
TB05	TB05-0506-061203-01	5 - 6	6/12/2003	X	X	X						
TB06	TB06-0708-061203-01	7 - 8	6/12/2003	X	X	X		X				
TB06	TB06-0708-061203-02	7 - 8	6/12/2003	X	X	X						
TB07	TB07-0607-061203-01	6 - 7	6/12/2003	X	X	X						
TB08	TB08-0506-061203-01	5 - 6	6/12/2003		X	X		X				
TB10	TB10-0304- 091103-01	3 - 4	9/11/2003			X						
TB11	TB11-0304- 091103-01	3 - 4	9/11/2003			X						
TE01	TE01-0909- 073003-01	9 - 9	7/30/2003									
TE02	TE02-0909- 073003-01	9 - 9	7/30/2003									
TE03	TE03-0909- 073003-01	9 - 9	7/30/2003									
TE04	TE04-0909- 073003-01	9 - 9	7/30/2003									
TE05	TE05-0909- 073003-01	9 - 9	7/30/2003									
TE06	TE06-0909- 073003-01	9 - 9	7/30/2003									
TE07	TE07-0808- 073003-01	8 - 8	7/30/2003		X	X						
TE08	TE08-0505- 073003-01	5 - 5	7/30/2003	X	X	X		X				
TE11	TE11-0707- 081503-01	7 - 7	8/15/2003									
TE12	TE12-0707- 081503-01	7 - 7	8/15/2003									
TE14	TE14-0707- 081503-01	7 - 7	8/15/2003									
TE15	TE15-0707- 081503-01	7 - 7	8/15/2003									
TE16	TE16-0707- 081503-01	7 - 7	8/15/2003									
TE17	TE17-0203- 081503-01	2 - 3	8/15/2003		X	X		X				
TE18	TE18-0506- 081503-01	5 - 6	8/15/2003	X	X	X		X				
TE19	TE19-0405- 081503-01	4 - 5	8/15/2003		X	X		X				
TE22	TE22-0203- 081803-01	2 - 3	8/18/2003		X	X		X				
TE23	TE23-0506- 081803-01	5 - 6	8/18/2003		X	X		X				
TE24	TE24-0203- 081803-01	2 - 3	8/18/2003		X	X		X				
TE24	TE24-0203- 081803-02	2 - 3	8/18/2003		X	X		X				
TE25	TE25-0203- 081803-01	2 - 3	8/18/2003		X	X		X				
TE26	TE26-0405- 081803-01	4 - 5	8/18/2003		X	X						
TE27	TE27-0304- 081803-01	3 - 4	8/18/2003		X	X		X				
TE28	TE28-0304- 081803-01	3 - 4	8/18/2003		X	X		X				
TE30	TE30-0405- 081803-01	4 - 5	8/18/2003									

TABLE 7

SUMMARY OF SUBSURFACE SOIL EXCEEDANCES
JCI -FOWLERVILLE

Location	Field ID	Depth	Date Sampled	Soil Residential Drinking Water Protection	Soil GSI	Soil GSI Protection Human Health Based	Soil Industrial Direct Contact	Soil Statewide Default Background	Soil Groundwater Contact Criteria	Soil Infinite Volatilization	Soil Particulate Inhalation	Soil Industrial Direct Contact
TE32	TE32-0304- 082203-01	3 - 4	8/22/2003									
TE33	TE33-0304- 082203-01	3 - 4	8/22/2003									
TE34	TE34-0203- 082203-01	2 - 3	8/22/2003		X	X						
TE35	TE35-0304- 082203-01	3 - 4	8/22/2003		X							
TE36	TE36-0405- 082203-01	4 - 5	8/22/2003		X	X		X				
TE37	TE37-0808- 091703-01	8 - 8	9/17/2003									
TE38	TE38-0808- 091703-01	8 - 8	9/17/2003									

NOTES:

X - Indicates and exceedance of one or more compound(s).
A blank cell indicates that the standard has not been exceeded.

TABLE 8

SUMMARY OF SURFACE SOIL EXCEEDANCES
JCI-FOWLERVILLE

Location	Field ID	Depth	Date Sampled	Soil Residential Drinking Water Protection	Soil GSI	Soil GSI Protection Human Health Based	Soil Industrial Direct Contact	Soil Statewide Default Background	Soil Ground-water Contact Criteria	Soil Infinite Volatiliza-tion	Soil Particulate Inhalation	Soil Industrial Direct Contact
FF41	FF41-SAT- 071603-01	0 - 0	7/16/2003									
10N, 30W	10N, 30W	0 - 0	8/5/1986		X	X		X				
10S, 30W	10S, 30W	0 - 0	8/5/1986		X			X				
30N, 30E	30N, 30E	0 - 0	8/5/1986		X			X				
30N, 30W	30N, 30W	0 - 0	8/5/1986		X			X				
30S, 30W	30S, 30W	0 - 0	8/5/1986		X	X		X				
50N, 30E	50N, 30E	0 - 0	8/5/1986		X	X		X				
50N, 30W	50N, 30W	0 - 0	8/5/1986		X	X		X				
50S, 30E	50S, 30E	0 - 0	8/5/1986		X			X				
50S, 30W	50S, 30W	0 - 0	8/5/1986		X	X						
70N, 30E	70N, 30E	0 - 0	8/5/1986		X	X		X				
70N, 30W	70N, 30W	0 - 0	8/5/1986		X	X						
AA30	AA30-0000- 091703-01	0 - 0	9/17/2003		X							
AA32	AA32-0000- 091703-01	0 - 0	9/17/2003									
C1	C1-0000- 093003-01	0 - 0	9/30/2003									
C2	C2-0000- 093003-01	0 - 0	9/30/2003									
D1	D1-0000- 093003-01	0 - 0	9/30/2003									
D2	D2-0000- 093003-01	0 - 0	9/30/2003									
E1	E1-0000- 093003-01	0 - 0	9/30/2003									
E1	E1-0000- 093003-02	0 - 0	9/30/2003									
E2	E2-0000- 093003-01	0 - 0	9/30/2003									
EE29	EE29-00-02 062503-01	0 - 2	6/25/2003									
EE36	EE36-00-02 061903-01	0 - 2	6/19/2003									
EE37	EE37-00-02 061903-01	0 - 2	6/19/2003									
EE37	EE37-00-02 061903-02	0 - 2	6/19/2003				X					
FF30	FF30-0000- 092303-01	0 - 0	9/23/2003		X	X		X				
FF32	FF32-0000- 092303-01	0 - 0	9/23/2003		X	X		X				
FF34	FF34-00-02 061903-01	0 - 2	6/19/2003									
FF34	FF34-0000- 092303-01	0 - 0	9/23/2003		X	X		X				
FF34	FF34-0000- 092303-02	0 - 0	9/23/2003		X	X		X				
FF35	FF35-00-02 061903-01	0 - 2	6/19/2003									
FF36	FF36-00-02 061903-01	0 - 2	6/19/2003									
FF37	FF37-00-02 061903-01	0 - 2	6/19/2003									
G1	G-1	0 - 0	11/1/1994		X	X		X				
G10	G-10	0 - 0	11/1/1994		X	X		X				
G2	G-2	0 - 0	11/1/1994		X	X		X				
G3	G-3	0 - 0	11/1/1994		X	X		X				
G4	G-4	0 - 0	11/1/1994		X	X						
G4	G-4DUP	0 - 0	11/1/1994		X	X						
G5	G-5	0 - 0	11/1/1994		X							
G6	G-6	0 - 0	11/1/1994		X							
G7	G-7	0 - 0	11/1/1994		X	X		X				
G9	G-9	0 - 0	11/1/1994		X	X		X				
GA01	GA01-0000- 100303-01	0 - 0	10/3/2003									
GA01	GA01-0000- 100303-02	0 - 0	10/3/2003		X							
GA02	GA02-0000- 100303-01	0 - 0	10/3/2003									
GA03	GA03-0000- 100303-01	0 - 0	10/3/2003									
GA04	GA04-0000- 100303-01	0 - 0	10/3/2003									

TABLE 8

SUMMARY OF SURFACE SOIL EXCEEDANCES
JCI-FOWLERVILLE

Location	Field ID	Depth	Date Sampled	Soil Residential Drinking Water Protection	Soil GSI	Soil GSI Protection Human Health Based	Soil Industrial Direct Contact	Soil Statewide Default Background	Soil Ground-water Contact Criteria	Soil Infinite Volatiliza-tion	Soil Particulate Inhalation	Soil Industrial Direct Contact
GA05	GA05-0000- 100303-01	0 - 0	10/3/2003									
GA06	GA06-0000- 100303-01	0 - 0	10/3/2003									
GA07	GA07-0000- 100303-01	0 - 0	10/3/2003									
GA08	GA08-0000- 100303-01	0 - 0	10/3/2003									
GB-1	GB-136549	0 - 0	1/24/1994	X	X	X		X				
GB-10	GB-1036549	0 - 0	1/24/1994		X	X		X				
GB-2	GB-236549	0 - 0	1/24/1994		X	X		X				
GB-3	GB-336549	0 - 0	1/24/1994	X	X	X		X				
GB-38	GB-3836549	0 - 0	1/24/1994		X	X		X				
GB-39	GB-3936549	0 - 0	1/24/1994		X	X		X				
GB-54	GB-5436549	0 - 0	1/24/1994		X	X		X				
GB-55	GB-5536549	0 - 0	1/24/1994		X			X				
HH31	HH31-0101- 092603-01	1 - 1	9/26/2003					X				
HH33	HH33-0000- 092303-01	0 - 0	9/23/2003		X	X		X				
I1	I1-0000- 093003-01	0 - 0	9/30/2003									
I2	I2-0000- 093003-01	0 - 0	9/30/2003									
II30	II30-0102 071003-01	1 - 2	7/10/2003		X	X		X				
II32	II32-0000- 092303-01	0 - 0	9/23/2003		X	X		X				
II33	II33-0101- 092603-01	1 - 1	9/26/2003									
JJ32	JJ32-0000- 092303-01	0 - 0	9/23/2003		X	X		X				
JJ34	JJ34-0000- 092303-01	0 - 0	9/23/2003		X	X						
JJ39	JJ39-00-02 062403-01	0 - 2	6/24/2003									
KL30	KL30-0000- 092603-01	0 - 0	9/26/2003		X	X		X				
LL32	LL32-0000- 092603-01	0 - 0	9/26/2003		X	X		X				
LL33	LL33-0000- 092603-01	0 - 0	9/26/2003		X	X		X				
LL33	LL33-0000- 092603-02	0 - 0	9/26/2003		X	X		X				
LL34	LL34-0000- 092603-01	0 - 0	9/26/2003		X	X		X				
MD07	MD07-0102- 081803-01	1 - 2	8/18/2003	X	X	X		X				
MD08	MD08-0001- 081803-01	0 - 1	8/18/2003		X	X		X				
MD09	MD09-0001- 081803-01	0 - 1	8/18/2003	X	X	X		X				
MD100	MD100-0001 091803-01	0 - 1	9/18/2003		X							
MD101	MD101-0001 091803-01	0 - 1	9/18/2003		X							
MD101	MD101-0001 091803-02	0 - 1	9/18/2003		X							
MD102	MD102-0001 091803-01	0 - 1	9/18/2003		X	X		X				
MD103	MD103-0001 091803-01	0 - 1	9/18/2003		X							
MD104	MD104-0001 091803-01	0 - 1	9/18/2003		X							
MD105	MD105-0001 100303-01	0 - 1	10/3/2003		X			X				
MD106	MD106-0001 100303-01	0 - 1	10/3/2003		X	X		X				
MD107	MD107-0001 100303-01	0 - 1	10/3/2003		X	X		X				
MD108	MD108-0001 100303-01	0 - 1	10/3/2003									
MD109	MD109-0001 100303-01	0 - 1	10/3/2003		X			X				
MD110	MD110-0001 100303-01	0 - 1	10/3/2003		X	X		X				
MD111	MD111-0001 100303-01	0 - 1	10/3/2003	X	X	X		X				
MD112	MD112-0001 100303-01	0 - 1	10/3/2003	X	X	X		X				
MD113	MD113-0001 100303-01	0 - 1	10/3/2003	X	X	X		X				
MD14	MD14-0001- 081803-01	0 - 1	8/18/2003	X	X	X		X				
MD15	MD15-0001- 081803-01	0 - 1	8/18/2003		X	X		X				
MD20	MD20-0001- 081903-01	0 - 1	8/19/2003		X	X						

TABLE 8

SUMMARY OF SURFACE SOIL EXCEEDANCES
JCI-FOWLERVILLE

Location	Field ID	Depth	Date Sampled	Soil Residential Drinking Water Protection	Soil GSI	Soil GSI Protection Human Health Based	Soil Industrial Direct Contact	Soil Statewide Default Background	Soil Ground-water Contact Criteria	Soil Infinite Volatiliza-tion	Soil Particulate Inhalation	Soil Industrial Direct Contact
MD21	MD21-0001- 081903-01	0 - 1	8/19/2003		X	X		X				
MD21	MD21-0001- 081903-02	0 - 1	8/19/2003		X	X		X				
MD24	MD24-0102- 081903-01	1 - 2	8/19/2003		X	X		X				
MD28	MD28-0001- 082203-01	0 - 1	8/22/2003		X	X		X				
MD29	MD29-0001- 082203-01	0 - 1	8/22/2003		X	X		X				
MD30	MD30-0001- 082203-01	0 - 1	8/22/2003		X	X		X				
MD31	MD31-0001- 082203-01	0 - 1	8/22/2003		X	X		X				
MD38	MD38-0102- 090903-01	1 - 2	9/9/2003		X							
MD39	MD39-0102- 090903-01	1 - 2	9/9/2003		X	X		X				
MD40	MD40-0102- 090903-01	1 - 2	9/9/2003		X			X				
MD41	MD41-0102- 090903-01	1 - 2	9/9/2003		X			X				
MD42	MD42-0102- 090903-01	1 - 2	9/9/2003		X			X				
MD43	MD43-0102- 090903-01	1 - 2	9/9/2003		X	X						
MD44	MD44-0102- 090903-01	1 - 2	9/9/2003		X	X						
MD48	MD48-0202- 091003-01	2 - 2	9/10/2003		X	X		X				
MD50	MD50-0202- 091003-01	2 - 2	9/10/2003	X	X	X		X				
MD51	MD51-0202- 091003-01	2 - 2	9/10/2003		X							
MD53	MD53-0202- 091003-01	2 - 2	9/10/2003		X	X		X				
MD53	MD53-0202- 091003-02	2 - 2	9/10/2003	X	X	X		X				
MD67	MD67-0102- 091103-01	1 - 2	9/11/2003	X	X	X		X				
MD67	MD67-0102- 091103-02	1 - 2	9/11/2003	X	X	X		X				
MD69	MD69-0102- 091103-01	1 - 2	9/11/2003		X	X		X				
MD96	MD96-0001- 091803-01	0 - 1	9/18/2003									
MD97	MD97-0001- 091803-01	0 - 1	9/18/2003									
MD98	MD98-0001- 091803-01	0 - 1	9/18/2003									
MD99	MD99-0001- 091803-01	0 - 1	9/18/2003		X	X		X				
MS02	MS02-0101- 101903-01	1 - 1	10/19/2003	X	X	X	X	X				
MS06	MS06-0202- 101903-01	2 - 2	10/19/2003		X	X		X				
MS06	MS06-0202- 101903-02	2 - 2	10/19/2003	X	X	X	X	X				
MS07	MS07-0202- 101903-01	2 - 2	10/19/2003	X	X	X	X	X				
MS12	MS12-0202- 101903-01	2 - 2	10/19/2003		X	X		X				
NN37	NN37-0000- 091603-01	0 - 0	9/16/2003		X	X		X				
NN37	NN37-0000- 091603-02	0 - 0	9/16/2003		X	X		X				
NN39	NN39-0000- 091603-01	0 - 0	9/16/2003		X	X		X				
NN43	NN43-0002 071403-01	0 - 2	7/14/2003				X					
OE01	OE01-01-02 062603-01	1 - 2	6/26/2003	X								
OO43	OO43-0002- 080403-01	0 - 2	8/4/2003									
PP36	PP36-0000- 091603-01	0 - 0	9/16/2003		X	X		X				
PP38	PP38-0000- 091603-01	0 - 0	9/16/2003		X	X						
PP40	PP40-0000- 091603-01	0 - 0	9/16/2003		X	X						
PP45	PP45-0002- 080403-01	0 - 2	8/4/2003									
QQ37	QQ37-0000- 091603-01	0 - 0	9/16/2003		X	X		X				
QQ39	QQ39-0000- 091603-01	0 - 0	9/16/2003		X	X		X				
RR43	RR43-0002- 080503-01	0 - 2	8/5/2003									
RR45	RR45-0002- 080403-01	0 - 2	8/4/2003				X					
SS45	SS45-0002- 080403-01	0 - 2	8/4/2003				X					
TA05	TA05-0102-061003-01	1 - 2	6/10/2003	X	X	X		X				
TE29	TE29-0001- 081803-01	0 - 1	8/18/2003	X	X	X		X				

TABLE 8

SUMMARY OF SURFACE SOIL EXCEEDANCES
JCI-FOWLERVILLE

Location	Field ID	Depth	Date Sampled	Soil Residential Drinking Water Protection	Soil GSI	Soil GSI Protection Human Health Based	Soil Industrial Direct Contact	Soil Statewide Default Background	Soil Ground-water Contact Criteria	Soil Infinite Volatiliza-tion	Soil Particulate Inhalation	Soil Industrial Direct Contact
TE31	TE31-0102- 081803-01	1 - 2	8/18/2003		X	X		X				
V28	V28-0000- 091703-01	0 - 0	9/17/2003									
V31	V31-0000- 091703-01	0 - 0	9/17/2003									
W29	W29-0000- 091703-01	0 - 0	9/17/2003									
W30	W30-0000- 091703-01	0 - 0	9/17/2003									
W32	W32-0000-0 91703-01	0 - 0	9/17/2003									
X29	X29-0000- 091703-01	0 - 0	9/17/2003									
Y30	Y30-0000- 091703-01	0 - 0	9/17/2003									
Z26	Z26-0000- 091703-01	0 - 0	9/17/2003									
Z28	Z28-0000- 091703-01	0 - 0	9/17/2003									
Z28	Z28-0000- 091703-02	0 - 0	9/17/2003									
Z32	Z32-0000-0 91703-01	0 - 0	9/17/2003									

NOTES:

X - Indicates and exceedance of one or more compound(s).
A blank cell indicates that the standard has not been exceeded.

TABLE 9
GROUNDWATER EXCEEDANCES
JCI - FOWLERVILLE

Location	FieldID	Date Sampled	On-Site/ Off-Site	1,1-Dichloro ethene	cis-1,2-Dichloro ethene	Methylene chloride	trans-1,2-Dichloro ethylene	Trichloro ethene	Vinyl chloride	Di-N-Butyl phthalate	Arsenic, Total	Cadmium, Total	Copper, Total	Lead, Total	Nickel, Total	Cadmium, Dissolved	Chromium, Hexavalent-Dissolved	Cyanide, Free
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
			Contact Criteria:	11,000.	200,000.	220,000.	220,000.	22,000.	1,000.	11,000.	4.3	190.	7,400.	NL	74,000.	190.	460.	57.
			GSI:	65.	620.	940.	1,500.	200.	15.	9.7	0.15	0.0062	0.029	0.045	0.17	0.0062	0.011	0.0052
			GSI Human Health Based:	33,000.	36,000.	2,600.	25,000.	370.	13.	690.	0.28	0.13	64.	0.19	210.	0.13	9.4	48.
			Residential Drinking Water:	7.	70.	5.	100.	5.	2.	880.	0.05	0.005	1.	0.004	0.1	0.005	0.1	0.2
			Volatilization to Indoor Air:	1,300.	210,000.	1,400,000.	200,000.	97,000.	13,000.	NL	NL	NL	NL	NL	NL	NL	NL	NL
MW-01	MW01- 090903-01	9/9/03	On-Site	14 J	900	46 J	---	4200	42 J	---	---	---	---	---	---	---	---	---
MW-01	MW01- 090903-02	9/9/03	On-Site	---	910	40 J	---	4200	51	---	---	---	---	---	---	---	---	---
MW-01	MW01- 110503-01	11/5/03	On-Site	---	600	75 J	---	2900	21 J	---	---	---	---	---	---	---	---	---
MW-02	EW-14- 110603-01	11/6/03	On-Site	---	250	11 J	---	3400	28	---	---	---	---	---	---	---	---	---
MW-02	MW02- 090903-01	9/9/03	On-Site	8.1 J	250	35 J	---	3900	46	---	---	---	---	---	---	---	---	---
MW-03	MW03- 090903-01	9/9/03	On-Site	---	---	11 J	---	880	12	---	---	---	---	---	---	---	---	---
MW-03	MW03- 110603-01	11/6/03	On-Site	---	140	10 J	---	1300	12	---	---	---	---	---	---	---	---	---
MW-05	MW05- 090903-01	9/9/03	On-Site	---	260	48 J	---	4200	---	---	---	---	---	---	---	---	---	---
MW-05	MW05- 110503-01	11/5/03	On-Site	---	310	66 J	---	2100	---	---	---	---	---	---	---	---	---	---
MW-06	MW06- 091003-01	9/10/03	On-Site	---	100	10 J	---	820	7.5 J	---	---	---	---	---	---	---	---	---
MW-06	MW06- 110503-01	11/5/03	On-Site	---	91	6.9 J	---	590	4.8 J	---	---	---	---	---	---	---	---	---
MW-06	MW06- 110503-02	11/5/03	On-Site	---	71	5.6 J	---	340	3.1 J	---	---	---	---	---	---	---	---	---
MW-08	MW08- 100203-01	10/2/03	On-Site	---	280	---	---	---	140	---	---	---	0.181	---	0.14	---	---	0.03
MW-08	MW08- 110403-01	11/4/03	On-Site	---	320	---	---	---	130	---	---	---	0.148	---	0.184	---	0.02	0.04
MW-09	MW09- 100103-01	10/1/03	On-Site	---	---	---	---	---	9.5	---	---	---	---	---	---	---	---	0.01
MW-09	MW09- 110503-01	11/5/03	On-Site	---	---	---	---	---	2.9	---	---	---	---	---	---	---	---	0.01
MW-0S1	MW-0S1- 110403-01	11/4/03	Off-Site	---	---	---	---	---	---	12	---	---	---	---	---	---	---	0.007
MW-0S1	MW0S1- 100303-01	10/3/03	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.007
MW-0S3	MW-0S3- 110603-01	11/6/03	Off-Site	---	---	---	---	---	27	---	---	---	---	---	---	---	---	---
MW-0S3	MW-0S3- 110603-02	11/6/03	Off-Site	---	---	---	---	---	29	---	---	---	---	---	---	---	---	---
MW-0S3	MW0S3- 100303-01	10/3/03	Off-Site	---	---	---	---	---	24	---	---	---	---	---	---	---	---	0.006
MW-0S3	MW-0S3- 071703-01	7/17/03	Off-Site	---	---	---	---	---	34	---	---	---	---	---	---	---	---	---
MW-0S3C	MW-0S3C- 110503-01	11/5/03	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.007
MW-10	MW10- 100103-01	10/1/03	On-Site	---	---	---	---	32	15	---	---	---	---	---	---	---	---	---
MW-10	MW10- 110503-01	11/5/03	On-Site	---	---	---	---	28	23	---	---	---	---	---	---	---	---	---
MW-11	MW11- 091003-01	9/10/03	On-Site	---	---	---	---	---	2.1	---	---	---	---	---	---	---	---	---
MW-11	MW11- 110503-01	11/5/03	On-Site	---	---	---	---	---	2.5	---	---	---	---	---	---	---	---	0.008
MW-13	MW-13- 110403-01	11/4/03	Off-Site	---	---	---	---	---	---	12	---	---	---	---	---	---	---	0.01
MW-13C	MW-13C 110403-02	11/4/03	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.006
MW-13C	MW-13C- 110403-01	11/4/03	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.008
MW-14	MW14- 093003-01	9/30/03	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.01
MW-14	MW14- 110503-01	11/5/03	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.01
MW-14C	MW14C- 110503-01	11/5/03	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.006
MW-15	MW-15- 110303-01	11/3/03	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.03
MW-15C	MW-15C- 110303-01	11/3/03	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.01
MW-17	MW17- 100203-01	10/2/03	On-Site	---	160	---	---	26	84	---	---	---	---	---	---	---	---	0.02
MW-17	MW17- 110403-01	11/4/03	On-Site	---	410	5.1 J	140	300	330	15	---	---	---	---	---	---	---	0.01
MW-18	MW-18- 110403-01	11/4/03	On-Site	---	---	---	---	5.6	14	---	---	---	0.078	---	---	---	---	0.04
MW-18	MW18- 100103-01	10/1/03	On-Site	---	---	---	---	6.4	16	---	---	---	0.103	---	---	---	0.02	0.07
MW-19	MW19- 100303-01	10/3/03	On-Site	---	---	---	---	---	9	---	---	---	---	---	---	---	---	---
MW-19	MW19- 100303-02	10/3/03	On-Site	---	---	---	---	---	9.2	---	---	---	---	---	---	---	---	---
MW-19	MW19- 110403-01	11/4/03	On-Site	---	---	---	---	---	7.5	---	---	---	---	---	---	---	---	0.008
MW-20	MW-20- 110403-01	11/4/03	Off-Site	---	---	---	---	---	---	---	---	---	0.032	---	---	---	---	---
MW-20	MW20- 100303-01	10/3/03	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.01
MW-22	MW-22- 110303-01	11/3/03	On-Site	---	---	---	---	---	---	---	0.131	---	---	---	---	---	0.02	0.009
MW-22	MW22- 100201-01	10/2/03	On-Site	---	---	---	---	---	---	---	0.161	---	---	---	---	---	0.02	---
MW-23	MW-23- 110303-01	11/3/03	On-Site	---	---	---	---	---	3.1	---	---	---	---	---	---	---	---	0.006
MW-23	MW23- 100303-01	10/3/03	On-Site	---	---	---	---	---	3.8	---	---	---	---	---	---	---	---	---
MW-23	MW23- 100303-02	10/3/03	On-Site	---	---	---	---	---	3.7	---	---	---	---	---	---	---	---	---
MW-25	MW25- 100203-01	10/2/03	On-Site	---	440	---	220	1800	8.1 J	---	---	---	---	---	1.18	---	---	---
MW-25	MW25- 110503-01	11/5/03	On-Site	---	310	11 J	150	1200	6.4 J	---	---	---	---	---	1.07	---	---	---

TABLE 9
GROUNDWATER EXCEEDANCES
JCI - FOWLERVILLE

Location	FieldID	Date Sampled	On-Site/ Off-Site	1,1-Dichloro ethene	cis-1,2-Dichloro ethene	Methylene chloride	trans-1,2-Dichloro ethylene	Trichloro ethene	Vinyl chloride	Di-N-Butyl phthalate	Arsenic, Total	Cadmium, Total	Copper, Total	Lead, Total	Nickel, Total	Cadmium, Dissolved	Chromium, Hexavalent-Dissolved	Cyanide, Free
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
			Contact Criteria:	11,000.	200,000.	220,000.	220,000.	22,000.	1,000.	11,000.	4.3	190.	7,400.	NL	74,000.	190.	460.	57.
			GSI:	65.	620.	940.	1,500.	200.	15.	9.7	0.15	0.0062	0.029	0.045	0.17	0.0062	0.011	0.0052
			GSI Human Health Based:	33,000.	36,000.	2,600.	25,000.	370.	13.	690.	0.28	0.13	64.	0.19	210.	0.13	9.4	48.
			Residential Drinking Water:	7.	70.	5.	100.	5.	2.	880.	0.05	0.005	1.	0.004	0.1	0.005	0.1	0.2
			Volatilization to Indoor Air:	1,300.	210,000.	1,400,000.	200,000.	97,000.	13,000.	NL	NL	NL	NL	NL	NL	NL	NL	NL
MW-26	MW26- 100203-01	10/2/03	On-Site	---	---	---	---	---	21	---	---	---	---	---	---	---	---	---
MW-26	MW26- 110403-01	11/4/03	On-Site	---	---	---	---	---	34	12	---	---	---	---	---	---	---	0.02
MW-27	MW27- 122903-01	12/29/03	Off-Site	---	---	---	---	---	---	16	---	---	---	---	---	---	---	0.006
MW-27C	MW-27C- 122903-01	12/29/03	Off-Site	---	---	---	---	---	---	14	---	---	---	---	---	---	---	0.006
MW-28	MW28- 122903-01	12/29/03	Off-Site	---	---	---	---	---	---	12	---	---	---	0.0044	---	---	---	0.007
MW-28C	MW28C- 122903-01	12/29/03	Off-Site	---	---	---	---	---	---	12	---	---	---	---	---	---	---	---
MW-29C	MW29C- 123003-01	12/30/03	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.008
MW-29C	MW29C- 123003-02	12/30/03	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.006
MW-A2	MWA2- 100303-01	10/3/03	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.007
MW-B1	MWB1- 100203-01	10/2/03	On-Site	---	450	---	120	280	250	---	---	---	---	---	0.152	---	---	---
MW-B2	MWB2- 100203-01	10/2/03	On-Site	---	---	---	---	---	38	---	---	---	---	---	---	---	---	---
MW-E2	MWE2- 100303-01	10/3/03	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.006
MW-G4	MWG4- 100303-01	10/3/03	On-Site	---	---	---	---	---	2.8	---	---	---	---	---	---	---	---	---
MW-J2	MWJ2- 100203-01	10/2/03	On-Site	---	---	---	---	---	---	---	---	0.0086	---	0.0087	---	0.013	---	---
OE02	OE02-08-10 062703-01	6/27/03	Off-Site	---	---	---	---	50	---	---	---	---	---	---	---	---	---	---
OE03	OE03-0611- 070703-01	7/7/03	Off-Site	---	---	---	---	9.2	---	---	---	---	---	---	---	---	---	---

NOTES:

J - Estimated value.
--- Standards not exceeded.
NL - A standard values was not listed for this compound.

TABLE 10

SUBSURFACE SOIL EXCEEDANCES
JCI - FOWLERVILLE

Location	FieldID	Date Sampled	Methylene chloride	Trichloro ethene	Fluoran thene	Pyrene	Arsenic, Total	Barium, Total	Cadmium, Total	Chromium (VI)	Copper, Total	Lead, Total	Mercury, Total	Nickel, Total	Selenium, Total	Silver, Total	Zinc, Total	Cyanide, Total
		Units:	ug/kg	ug/kg	ug/kg	ug/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Residential Drinking Water Protection:	100	100	730000	480000	23	1300	6	30	5800	700	1.7	100	4	4.5	2400	4
		GSI Protection:	19000	4000	5500	NL	0.07	1200	7.4	3.3	170	7900	0.1	180	0.4	0.5	380	0.2
		GSI Protection - Human Health Based:	52000	7400	3889.92	3181.6	5.6	3200	2.6	NL	1280	3.8	0.000036	4200	54	220	440	960
		Groundwater Contact Criteria Protection:	2300000	440000	730000	480000	2000	1000000	230000	140000	1000000	NL	47	1000000	78000	200000	1000000	250
		Infinite Soil Volatilization:	700000	260000	890000000	780000000	NL	NL	NL	NL	NL	NL	62	NL	NL	NL	NL	NL
		Particulate Soil Inhalation:	8300000000	2300000000	4100000000	2900000000	910	150000	2200	240	59000	44000	8800	16000	59000	2900	NL	250
		Industrial Soil Direct Contact Criteria:	2300000	500000	130000000	84000000	37	130000	2100	9200	73000	900	580	150000	9600	9000	630000	250
		Statewide Default Background:	NL	NL	NL	NL	5.8	75	1.2	NL	32	21	0.13	20	0.41	1	47	0.39
BC21	BC21-0506- 073103-01	7/31/2003	---	---	---	---	3.6	---	---	---	---	6.1	---	22	---	---	---	---
BC22	BC22-0506- 073103-01	7/31/2003	---	---	---	---	8	---	---	---	---	8.3	---	---	---	---	---	---
ET12	ET12-0506- 073003-01	7/30/2003	---	470	---	---	2.3	---	---	---	---	4.8	0.031 J	---	---	---	---	---
FF37	FF37-0305- 090503-01	9/5/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.24
GG25	GG25-0204 071003-01	7/10/2003	---	---	---	---	3.6	---	---	---	---	6.2	0.03 J	---	---	---	---	---
GG28	GG28-0406 071003-01	7/10/2003	---	---	---	---	1.5	---	---	---	---	5.2	0.011 J	22	---	---	---	---
GG32	GG32-0204 071103-01	7/11/2003	---	---	---	---	3.9	---	---	---	---	5.6	0.013 J	---	---	---	---	---
GG36	GG36-0507 071003-01	7/10/2003	---	---	---	---	24	---	---	---	---	5.7	0.01 J	20	---	---	---	---
GG37	GG376-6.5 041403-01	4/14/2003	---	---	---	---	6.6	---	---	---	---	5.5	0.015 J	---	0.6	---	---	---
II26	II26-0406 071003-01	7/10/2003	---	---	---	---	7.9	---	---	---	---	5.7	0.027 J	25	---	---	---	---
II34	II34-0204 071003-01	7/10/2003	---	---	---	---	2.2	---	---	---	---	4.6	0.012 J	---	---	---	---	1.2
II38	II38-0507 071003-01	7/10/2003	---	---	---	---	9.6	---	---	---	---	5.9	0.012 J	22	---	---	---	---
KK25	KK25-2545 071003-01	7/10/2003	---	---	---	---	3.7	---	---	---	---	5.2	0.017 J	31	---	---	---	---
KK28	KK28-0406 071003-01	7/10/2003	---	---	---	---	4.5	---	---	---	---	4.6	0.012 J	---	---	---	---	---
KK32	KK32-1503 071003-01	7/10/2003	---	---	---	---	3.2	91	---	---	---	8.8	0.038 J	---	---	---	51	---
KK33	KK332-4 041103-01	4/11/2003	---	---	---	---	4.4	120	---	---	---	6.2	0.028 J	---	0.7	---	---	---
KK36	KK36-0507 071103-01	7/11/2003	---	---	---	---	12	---	---	---	---	4.6	0.014 J	---	---	---	---	---
KK37	KK376-6.5 041103-01	4/11/2003	---	---	---	---	2.6	---	---	---	---	4.9	0.039 J	---	0.48	---	50	---
MD22	MD22-0203- 081903-01	8/19/2003	---	---	---	---	26	105	---	---	---	6.8	0.085 J	---	0.8	---	59	---
MD23	MD23-0304- 081903-01	8/19/2003	---	---	---	---	15	---	---	---	---	4.5	0.041 J	---	---	---	---	---
MD25	MD25-0203- 081903-01	8/19/2003	---	---	---	---	3.4	---	---	---	---	---	---	---	---	---	---	---
MD35	MD35-0304- 090903-01	9/9/2003	---	---	---	---	3.6	---	---	---	---	---	---	---	---	---	---	---
MD36	MD36-0304- 090903-01	9/9/2003	---	---	---	---	35	---	---	---	---	---	---	---	---	---	---	---
MD37	MD37-0203- 090903-01	9/9/2003	---	---	---	---	22	---	---	---	---	---	---	---	---	---	---	---
MD45	MD45-0304- 091003-01	9/10/2003	---	---	---	---	9.9	---	---	---	---	5.2	---	---	---	---	---	---
MD46	MD46-0405- 091003-01	9/10/2003	---	---	---	---	5.6	---	---	---	---	6.1	---	---	---	---	---	---
MD54	MD54-0203- 091003-01	9/10/2003	---	---	---	---	3	---	---	---	---	---	---	---	0.97	---	---	1.1
MD55	MD55-0304- 091003-01	9/10/2003	---	1500	---	---	8.6	---	---	---	---	5.7	---	---	---	---	---	---
MD56	MD56-0203- 091003-01	9/10/2003	---	---	---	---	18	---	---	---	---	5.6	0.0086 J	---	0.41	---	---	---
MD57	MD57-0304- 091003-01	9/10/2003	---	---	---	---	21	---	---	---	---	9.6	---	23	0.43	---	69	---
MD58	MD58-0405- 091103-01	9/11/2003	---	---	---	---	5.4	---	---	---	---	---	0.01 J	---	---	---	---	---
MD59	MD59-0304- 091103-01	9/11/2003	---	---	---	---	13	103	---	---	---	5.9	0.053 J	---	---	---	---	---
MD60	MD60-0203- 091103-01	9/11/2003	---	---	---	---	25	182	---	4.5	58	15	0.16	31	0.82	---	132	0.2
MD61	MD61-0203- 091103-01	9/11/2003	---	---	---	---	17	163	---	---	---	8.7	0.089 J	---	---	---	56	0.21
MD62	MD62-0203- 091103-01	9/11/2003	---	---	---	---	30	238	---	---	74	27	0.14	35	---	---	143	---
MD65	MD65-0203- 091103-01	9/11/2003	---	---	---	---	8.9	---	---	---	---	6.8	0.035 J	---	---	---	---	---
MD66	MD66-0203- 091103-01	9/11/2003	---	---	---	---	36	151	---	---	53	38	0.13	26	---	---	88	---
MD70	MD70-0304- 091103-01	9/11/2003	---	---	---	---	24	408	1.8	---	113	42	0.022 J	49	1.8	0.62 J	144	---
MD71	MD71-0203- 091103-01	9/11/2003	---	---	---	---	11	231	1.8	---	121	25	0.049 J	39	0.48	---	113	---
MD72	MD72-0304- 091103-01	9/11/2003	---	---	---	---	5.6	---	---	4.7 J	---	14	0.087 J	---	---	---	53	---
MD73	MD73-0304- 091103-01	9/11/2003	---	---	---	---	3.2	---	---	---	---	5.2	0.02 J	---	---	---	---	---
MD74	MD74-0405- 091103-01	9/11/2003	---	---	---	---	11	---	---	---	---	6.1	---	21	---	---	---	---
MD74	MD74-0405- 091103-02	9/11/2003	---	---	---	---	16	---	---	---	---	6.5	---	---	---	---	---	---
MD75	MD75-0203- 091103-01	9/11/2003	---	---	---	---	3	---	---	---	---	4.7	---	---	---	---	---	---
MD76	MD76-0203- 091103-01	9/11/2003	---	---	---	---	3.5	---	---	---	---	4.5	---	---	---	---	---	---
MD77	MD77-0506- 091103-01	9/11/2003	---	---	---	---	3.1	---	---	---	---	4.3	---	---	---	---	---	0.65
MD78	MD78-0304- 091103-01	9/11/2003	---	---	---	---	1.9	117	---	---	---	6.9	0.013 J	---	---	---	---	---
MD79	MD79-0405- 091103-01	9/11/2003	---	250	---	---	3.8	---	---	---	---	5	---	---	---	---	---	---

TABLE 10

SUBSURFACE SOIL EXCEEDANCES
JCI - FOWLERVILLE

Location	FieldID	Date Sampled	Methylene chloride	Trichloro ethene	Fluoran thene	Pyrene	Arsenic, Total	Barium, Total	Cadmium, Total	Chromium (VI)	Copper, Total	Lead, Total	Mercury, Total	Nickel, Total	Selenium, Total	Silver, Total	Zinc, Total	Cyanide, Total
		Units:	ug/kg	ug/kg	ug/kg	ug/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Residential Drinking Water Protection:	100	100	730000	480000	23	1300	6	30	5800	700	1.7	100	4	4.5	2400	4
		GSI Protection:	19000	4000	5500	NL	0.07	1200	7.4	3.3	170	7900	0.1	180	0.4	0.5	380	0.2
		GSI Protection - Human Health Based:	52000	7400	3889.92	3181.6	5.6	3200	2.6	NL	1280	3.8	0.000036	4200	54	220	440	960
		Groundwater Contact Criteria Protection:	2300000	440000	730000	480000	2000	1000000	230000	140000	1000000	NL	47	1000000	78000	200000	1000000	250
		Infinite Soil Volatilization:	700000	260000	890000000	780000000	NL	NL	NL	NL	NL	NL	62	NL	NL	NL	NL	NL
		Particulate Soil Inhalation:	8300000000	2300000000	4100000000	2900000000	910	150000	2200	240	59000	44000	8800	16000	59000	2900	NL	250
		Industrial Soil Direct Contact Criteria:	2300000	500000	130000000	84000000	37	130000	2100	9200	73000	900	580	150000	9600	9000	630000	250
		Statewide Default Background:	NL	NL	NL	NL	5.8	75	1.2	NL	32	21	0.13	20	0.41	1	47	0.39
MD80	MD80-0203- 091103-01	9/11/2003	---	---	---	---	18	76	---	---	---	5.6	---	---	---	---	---	---
MD81	MD81-0304- 091203-01	9/12/2003	---	---	---	---	1.4	---	---	---	---	---	---	---	---	---	---	0.33
MD81	MD81-0304- 091203-02	9/12/2003	---	---	---	---	1.9	---	---	---	---	---	---	---	---	---	---	1.9
MD82	MD82-0405- 091203-01	9/12/2003	---	---	---	---	18	---	---	---	---	3.9	---	---	---	---	---	0.93
MD83	MD83-0405- 091203-01	9/12/2003	---	---	---	---	10	---	---	---	---	5	---	21	---	---	---	---
MD84	MD84-0405- 091203-01	9/12/2003	---	---	---	---	14	---	---	---	---	4.2	---	---	---	---	---	---
MD85	MD85-0405- 091203-01	9/12/2003	---	---	---	---	5.6	---	---	---	---	4.7	---	---	---	---	---	---
MD86	MD86-0405- 091203-01	9/12/2003	---	130	---	---	11	---	---	---	---	5.4	---	---	---	---	---	---
MD87	MD87-0405- 091203-01	9/12/2003	---	---	---	---	4.9	---	---	---	---	---	---	26	---	---	147	---
MD88	MD88-0608- 091603-01	9/16/2003	---	---	---	---	1.7	---	---	---	---	5.3	0.01 J	---	0.45	---	---	---
MD89	MD89-0608- 091603-01	9/16/2003	---	---	---	---	2.4	---	---	---	---	4.1	0.015 J	---	---	---	117	---
MD90	MD90-0608- 091603-01	9/16/2003	---	---	---	---	12	---	---	---	---	5.6	0.011 J	---	0.45	---	---	---
MD91	MD91-0507- 091603-01	9/16/2003	---	---	---	---	2.9	---	---	---	---	6.8	0.015 J	---	0.46	---	---	---
MD92	MD92-0406- 091603-01	9/16/2003	---	---	---	---	6.3	158	---	8.9	---	9.6	0.07 J	---	---	---	---	---
MD93	MD93-0405- 091603-01	9/16/2003	---	---	---	---	3.7	---	---	---	---	5.2	0.013 J	---	---	---	77	---
MD94	MD94-0405- 091603-01	9/16/2003	---	---	---	---	4.5	76	---	---	---	6.2	0.014 J	---	0.46	---	---	---
MD94	MD94-0405- 091603-02	9/16/2003	---	---	---	---	6.9	90	---	---	---	6.1	0.016 J	---	0.48	---	---	---
MD95	MD95-0606- 091603-01	9/16/2003	---	---	---	---	11	---	---	---	---	6.7	0.014 J	---	---	---	---	---
MM22	MM22-0204 071103-01	7/11/2003	---	---	---	---	2.7	---	---	---	---	5	0.018 J	---	---	---	---	---
MM22	MM22-0204 071103-02	7/11/2003	---	---	---	---	5.8	---	---	---	---	6	0.016 J	---	---	---	---	0.67
MM26	MM26-2545 071003-01	7/10/2003	---	---	---	---	5	84	---	---	---	7.6	0.043 J	---	---	---	---	---
MM30	MM30-0305 071003-01	7/10/2003	---	---	---	---	5.2	113	---	---	---	7.8	0.026 J	31	---	---	---	---
MM34	MM34-0455 071003-01	7/10/2003	---	---	---	---	3.2	78	---	---	---	5.9	0.023 J	---	---	---	---	---
MM38	MM38-0406 071003-01	7/10/2003	---	---	---	---	44	77	---	---	---	4.6	0.01 J	---	---	---	---	---
MM39	MM396-6.5 041103-01	4/11/2003	---	---	---	---	5.9	---	---	---	---	3.9	0.034 J	---	0.65	---	---	---
MM39	MM396-6.5 041103-02	4/11/2003	---	---	---	---	7	---	---	---	---	4	0.02 J	---	0.51	---	---	---
MS01	MS01-0303- 101903-01	10/19/2003	---	---	---	---	20	---	---	---	---	6.3	---	---	0.81	---	---	---
MS03	MS03-0404- 101903-01	10/19/2003	---	---	---	---	38	---	---	---	108	6.1	0.012	---	0.87	---	192	---
MS04	MS04-0303- 101903-01	10/19/2003	---	---	---	---	8.2	---	---	---	---	5.1	0.0095	---	0.83	---	48	---
MS05	MS05-0303- 101903-01	10/19/2003	---	---	---	---	---	304	1.5	---	---	111	---	---	---	---	---	---
MS08	MS08-0303- 101903-01	10/19/2003	---	---	---	---	31	---	---	---	43	5.7	0.015	71	1.2	---	655	---
MS09	MS09-0505- 101903-01	10/19/2003	---	---	---	---	4.6	---	---	---	---	5.9	0.012	---	0.8	---	---	---
MS10	MS10-0606- 101903-01	10/19/2003	---	---	---	---	8.9	---	---	---	---	31	0.019	---	0.9	---	---	---
MS11	MS11-0505- 101903-01	10/19/2003	---	---	---	---	8.8	---	---	---	---	4.8	0.014	---	0.86	---	---	---
MS11	MS11-0505- 101903-02	10/19/2003	---	---	---	---	16	---	---	---	---	5.9	0.01	---	0.92	---	---	---
OE07	OE07-03-04 062603-01	6/26/2003	130 JB	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
OE08	OE08-02-03 062603-01	6/26/2003	160 JB	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
OO25	OO25-2545 071003-01	7/10/2003	---	---	---	---	1.3	---	---	---	---	6.2	0.065 J	---	0.7	---	---	---
OO28	OO28-0406 071103-01	7/11/2003	---	---	---	---	22	---	---	---	---	5.3	0.012 J	---	---	---	---	---
OO32	OO32-0304 071103-01	7/11/2003	---	---	---	---	3.3	---	---	---	---	3.9	0.012 J	---	---	---	---	---
OO36	OO36-0507 071103-01	7/11/2003	---	---	---	---	10	---	---	---	---	6.3	0.011 J	25	---	---	---	---
QQ26	QQ26-1535 071003-01	7/10/2003	---	---	---	---	1.8	---	---	---	---	5.8	0.048 J	---	---	---	---	---
QQ30	QQ30-0305 071103-01	7/11/2003	---	---	---	---	5.4	92	---	---	---	4.8	0.014 J	26	---	---	---	---
QQ38	QQ38-0507 071103-01	7/11/2003	---	490	---	---	28	---	---	---	---	6.7	0.025 J	22	---	---	---	1.9
QQ42	QQ42-5575 071103-01	7/11/2003	---	2300	---	---	6.1	---	---	---	---	5.3	---	20	---	---	---	---
QQ42	QQ42-5575 071103-02	7/11/2003	---	2200	---	---	14	---	---	---	---	5.6	0.012 J	21	---	---	---	---
SS43	SS436-6.5 041003-01	4/10/2003	---	3100	---	---	2.4	---	---	---	---	5.4	0.15	---	0.62	---	---	---
TA01	TA01-0304-061003-01	6/10/2003	180 JB	---	---	---	1.5	---	---	---	---	---	---	---	---	---	---	---

TABLE 10

SUBSURFACE SOIL EXCEEDANCES
JCI - FOWLERVILLE

			Methylene chloride	Trichloro ethene	Fluoran thene	Pyrene	Arsenic, Total	Barium, Total	Cadmium, Total	Chromium (VI)	Copper, Total	Lead, Total	Mercury, Total	Nickel, Total	Selenium, Total	Silver, Total	Zinc, Total	Cyanide, Total
		Units:	ug/kg	ug/kg	ug/kg	ug/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Residential Drinking Water Protection:	100	100	730000	480000	23	1300	6	30	5800	700	1.7	100	4	4.5	2400	4
		GSI Protection:	19000	4000	5500	NL	0.07	1200	7.4	3.3	170	7900	0.1	180	0.4	0.5	380	0.2
		GSI Protection - Human Health Based:	52000	7400	3889.92	3181.6	5.6	3200	2.6	NL	1280	3.8	0.000036	4200	54	220	440	960
		Groundwater Contact Criteria Protection:	2300000	440000	730000	480000	2000	1000000	230000	140000	1000000	NL	47	1000000	78000	200000	1000000	250
		Infinite Soil Volatilization:	700000	260000	890000000	780000000	NL	NL	NL	NL	NL	NL	62	NL	NL	NL	NL	NL
		Particulate Soil Inhalation:	8300000000	2300000000	4100000000	2900000000	910	150000	2200	240	59000	44000	8800	16000	59000	2900	NL	250
		Industrial Soil Direct Contact Criteria:	2300000	500000	130000000	84000000	37	130000	2100	9200	73000	900	580	150000	9600	9000	630000	250
		Statewide Default Background:	NL	NL	NL	NL	5.8	75	1.2	NL	32	21	0.13	20	0.41	1	47	0.39
Location	FieldID	Date Sampled																
TA02	TA02-0203-061003-01	6/10/2003	---	---	---	---	4.6	---	---	---	---	5.7	---	---	---	---	---	---
TA03	TA03-0203-061003-01	6/10/2003	120 JB	---	---	---	3.1	---	---	---	---	3.8	---	---	---	---	---	---
TA03	TA03-0203-061003-02	6/10/2003	---	---	---	---	2.9	---	---	---	---	4.5	0.015 J	---	---	---	---	---
TA04	TA04-0405-061003-01	6/10/2003	110 JB	---	---	---	4.1	---	---	---	---	7.1	0.015 J	---	---	---	116	---
TA04	TA04-0405-061003-02	6/10/2003	240 JB	---	---	---	4.2	---	---	---	---	6.6	0.0091 J	---	---	---	211	---
TA06	TA06-0506-061003-01	6/10/2003	220 JB	120	---	---	3.8	---	---	---	---	5.4	0.015 J	---	---	---	---	---
TA06	TA06-0506-061003-02	6/10/2003	---	---	---	---	3.1	---	---	---	---	4.5	0.018 J	---	---	---	---	---
TA07	TA07-0405- 072203-01	7/22/2003	---	---	---	---	3.5	---	---	---	---	3.9	0.02 J	---	---	---	---	---
TA08	TA08-0203- 091103-01	9/11/2003	---	---	---	---	---	---	---	8.3 J	---	---	---	---	---	---	---	---
TB01	TB01-0304-061003-01	6/10/2003	180 JB	130	---	---	16	---	---	---	---	---	---	20	---	---	---	---
TB05	TB05-0506-061203-01	6/12/2003	---	250	---	---	5.3	---	---	---	---	---	0.022 J	---	---	---	---	---
TB06	TB06-0708-061203-01	6/12/2003	---	470	---	---	9.9	---	---	---	---	4.4	---	---	---	---	---	---
TB06	TB06-0708-061203-02	6/12/2003	---	340	---	---	5	---	---	---	---	---	0.017 J	---	---	---	---	---
TB07	TB07-0607-061203-01	6/12/2003	---	470	---	---	3.4	---	---	---	---	---	0.009 J	---	---	---	---	---
TB08	TB08-0506-061203-01	6/12/2003	---	---	---	---	11	---	---	---	---	4.7	0.01 J	---	---	---	---	---
TB10	TB10-0304- 091103-01	9/11/2003	---	---	---	---	---	---	---	---	---	---	0.084 J	---	---	---	---	---
TB11	TB11-0304- 091103-01	9/11/2003	---	---	---	---	---	---	---	---	---	---	0.044 J	---	---	---	---	---
TE07	TE07-0808- 073003-01	7/30/2003	---	---	---	---	3.6	---	---	---	---	4.7	0.028 J	---	---	---	---	---
TE08	TE08-0505- 073003-01	7/30/2003	---	---	---	---	27	---	---	---	---	6.1	0.025 J	---	---	---	---	---
TE17	TE17-0203- 081503-01	8/15/2003	---	---	---	---	6.8	208	---	---	---	7.8	0.044 J	---	---	---	---	---
TE18	TE18-0506- 081503-01	8/15/2003	---	---	---	---	24	---	---	---	---	5.8	0.0094 J	---	---	---	---	---
TE19	TE19-0405- 081503-01	8/15/2003	---	---	---	---	22	---	---	---	---	6.2	0.011 J	---	---	---	---	---
TE22	TE22-0203- 081803-01	8/18/2003	---	---	---	---	11	140	---	---	---	11	0.051 J	---	---	---	105	---
TE23	TE23-0506- 081803-01	8/18/2003	---	---	---	---	8.1	---	---	---	---	11	0.01 J	---	---	---	---	---
TE24	TE24-0203- 081803-01	8/18/2003	---	---	---	---	15	76	---	---	---	6.5	0.027 J	---	---	---	---	---
TE24	TE24-0203- 081803-02	8/18/2003	---	---	---	---	14	96	---	---	---	6.8	0.034 J	---	---	---	---	---
TE25	TE25-0203- 081803-01	8/18/2003	---	---	---	---	8.6	128	---	---	---	8.5	0.047 J	---	---	---	128	---
TE26	TE26-0405- 081803-01	8/18/2003	---	---	---	---	4	---	---	---	---	6.5	0.012 J	---	---	---	---	---
TE27	TE27-0304- 081803-01	8/18/2003	---	---	---	---	14	---	---	---	---	4.7	0.037 J	---	---	---	---	---
TE28	TE28-0304- 081803-01	8/18/2003	---	---	---	---	15	136	---	---	---	8.3	0.027 J	---	---	---	50	---
TE34	TE34-0203- 082203-01	8/22/2003	---	---	---	---	4.9	---	---	---	---	4.1	0.02 J	---	---	---	---	---
TE35	TE35-0304- 082203-01	8/22/2003	---	---	---	---	2.6	---	---	---	---	---	---	---	---	---	---	---
TE36	TE36-0405- 082203-01	8/22/2003	---	---	---	---	7.2	---	---	---	---	---	---	---	---	---	---	---

NOTES:

J - Estimated value.
B - (Metals) Value is between the method detection limit and the reporting limit.
B - (Organics) The compound was also detected in the blank.
NL - A standard values was not listed for this compound.
--- Standards not exceeded.

TABLE 11

SURFACE SOIL EXCEEDANCES
JCI-FOWLERVILLE

			Methylene chloride	Trichloro ethene	Fluoran thene	Pyrene	Arsenic, Total	Barium, Total	Cadmium, Total	Chromium (VI)	Copper, Total	Lead, Total	Mercury, Total	Nickel, Total	Selenium, Total	Silver, Total	Zinc, Total	Cyanide, Total
		Units:	ug/kg	ug/kg	ug/kg	ug/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Residential Drinking Water Protection:	100	100	730000	480000	23	1300	6	30	5800	700	1.7	100	4	4.5	2400	4
		GSI Protection:	19000	4000	5500	NL	0.07	1200	7.4	3.3	170	7900	0.1	180	0.4	0.5	380	0.2
		GSI Protection - Human Health Based:	52000	7400	3889.92	3181.6	5.6	3200	2.6	NL	1280	3.8	0.000036	4200	54	220	440	960
		Groundwater Contact Criteria Protection:	2300000	440000	730000	480000	2000	1000000	230000	140000	1000000	NL	47	1000000	78000	200000	1000000	250
		Infinite Soil Volatilization:	700000	260000	890000000	780000000	NL	NL	NL	NL	NL	NL	62	NL	NL	NL	NL	NL
		Particulate Soil Inhalation:	8300000000	2300000000	4100000000	2900000000	910	150000	2200	240	59000	44000	8800	16000	59000	2900	NL	250
		Industrial Soil Direct Contact Criteria:	2300000	500000	130000000	84000000	37	130000	2100	9200	73000	900	580	150000	9600	9000	630000	250
		Statewide Default Background:	NL	NL	NL	NL	5.8	75	1.2	NL	32	21	0.13	20	0.41	1	47	0.39
Location	FieldID	Date Sampled																
10N, 30W	10N, 30W	8/5/1986	---	---	---	---	5.8	---	1.8	---	---	---	---	---	---	---	---	---
10S, 30W	10S, 30W	8/5/1986	---	---	---	---	2.5	---	2	---	---	---	---	---	---	---	---	---
30N, 30E	30N, 30E	8/5/1986	---	---	---	---	3	---	2.2	---	---	---	---	---	---	---	---	---
30N, 30W	30N, 30W	8/5/1986	---	---	---	---	4.2	---	1.4	---	---	---	---	---	---	---	---	---
30S, 30W	30S, 30W	8/5/1986	---	---	---	---	1.7	---	1.4	---	60	4.2	---	---	---	---	---	---
50N, 30E	50N, 30E	8/5/1986	---	---	---	---	5.9	---	1.8	---	---	---	---	---	---	---	---	---
50N, 30W	50N, 30W	8/5/1986	---	---	---	---	12	---	1.4	---	---	---	---	---	---	---	---	---
50S, 30E	50S, 30E	8/5/1986	---	---	---	---	3	---	1.2	---	---	---	---	---	---	---	---	---
50S, 30W	50S, 30W	8/5/1986	---	---	---	---	3.1	---	---	---	---	4.6	---	---	---	---	---	---
70N, 30E	70N, 30E	8/5/1986	---	---	---	---	6.2	---	---	---	---	---	---	---	---	---	---	---
70N, 30W	70N, 30W	8/5/1986	---	---	---	---	5.3	---	---	---	---	5.2	---	---	---	---	---	---
AA30	AA30-0000- 091703-01	9/17/2003	---	---	---	---	---	---	---	3.4	---	---	---	---	---	---	---	---
FF30	FF30-0000- 092303-01	9/23/2003	---	---	---	---	4.9	---	---	---	---	6.7	---	---	---	---	84	---
FF32	FF32-0000- 092303-01	9/23/2003	---	---	---	---	6	110	---	---	---	13	0.024 J	---	0.45	---	119	---
FF34	FF34-0000- 092303-01	9/23/2003	---	---	---	---	6	---	---	---	45	9.5	0.014 J	28	---	---	143	0.54
FF34	FF34-0000- 092303-02	9/23/2003	---	---	---	---	5.9	---	---	---	35	9.9	---	25	---	---	144	0.26
G1	G-1	11/1/1994	---	---	---	---	4.8	---	---	---	75.8	37.7	0.089 J	38.7	---	---	161	---
G10	G-10	11/1/1994	---	---	---	---	2.4	86.4	---	---	40.5	12.8 J	---	---	---	---	51.7	0.83
G2	G-2	11/1/1994	---	---	---	---	4	---	---	---	32.6	5.5 J	---	---	---	---	49.4	---
G3	G-3	11/1/1994	---	---	---	---	4.3	---	---	---	87.4	17	---	49.5	---	---	161	0.64
G4	G-4	11/1/1994	---	---	---	---	2.6	---	---	---	---	7.8	---	---	---	---	---	---
G4	G-4DUP	11/1/1994	---	---	---	---	3.1	---	---	---	---	6.8	0.072 J	---	---	---	---	---
G5	G-5	11/1/1994	---	---	---	---	3.5	---	---	---	---	---	---	---	---	---	---	---
G6	G-6	11/1/1994	---	---	---	---	5	---	---	---	---	---	---	---	---	---	---	---
G7	G-7	11/1/1994	---	---	---	---	18.2	171	---	---	50.2	13.4	---	---	2	---	68	---
G9	G-9	11/1/1994	---	---	---	---	9.5	---	---	---	54.9	44.6	---	27.5	0.69 J	---	80.5	0.89
GA01	GA01-0000- 100303-02	10/3/2003	---	---	---	---	---	---	---	15 J	---	---	---	---	---	---	---	---
GB-1	GB-136549	1/24/1994	---	---	---	---	4.4	---	---	---	---	12.7	---	---	---	2	57.6 B	4.8
GB-10	GB-1036549	1/24/1994	---	---	---	---	2.1	---	---	---	---	12	---	---	0.62	---	53.1	---
GB-2	GB-236549	1/24/1994	---	---	---	---	5.7	---	---	---	---	21.5	---	---	---	---	47.2	---
GB-3	GB-336549	1/24/1994	---	---	---	---	31.8	---	---	---	---	24.2	---	---	---	---	---	---
GB-38	GB-3836549	1/24/1994	---	---	---	---	5.8	88	---	---	---	10.3	---	---	0.52 J	---	69.8	---
GB-39	GB-3936549	1/24/1994	---	---	---	---	9.5	89.1	---	---	---	8	---	22.4	---	1.5	218 B	1
GB-54	GB-5436549	1/24/1994	---	---	---	---	2.3	100	---	---	---	6	---	---	---	0.55 J	---	---
GB-55	GB-5536549	1/24/1994	---	---	---	---	1.4	---	---	---	---	---	---	---	---	---	181 B	---
HH31	HH31-0101- 092603-01	9/26/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	109	---
HH33	HH33-0000- 092303-01	9/23/2003	---	---	---	---	5.2	---	---	---	---	7.2	0.013 J	---	---	---	81	---
II30	II30-0102 071003-01	7/10/2003	---	---	---	---	3.7	109	---	---	---	11	0.038 J	---	---	---	142	---
II32	II32-0000- 092303-01	9/23/2003	---	---	---	---	4.8	---	---	---	85	9.7	0.019 J	56	---	---	366	---
JJ32	JJ32-0000- 092303-01	9/23/2003	---	---	---	---	3.3	---	---	---	---	4.8	0.0088 J	---	---	---	49	---
JJ34	JJ34-0000- 092303-01	9/23/2003	---	---	---	---	3.5	---	---	---	---	5.7	---	---	---	---	---	---
KL30	KL30-0000- 092603-01	9/26/2003	---	---	---	---	6.4	---	---	---	---	13	0.02 J	---	---	---	133	---
LL32	LL32-0000- 092603-01	9/26/2003	---	---	---	---	3.4	83	---	---	---	10	0.033 J	---	---	---	67	---
LL33	LL33-0000- 092603-01	9/26/2003	---	---	---	---	4.2	122	---	---	---	12	0.033 J	---	---	---	53	---
LL33	LL33-0000- 092603-02	9/26/2003	---	---	---	---	4.3	104	---	---	---	10	0.031 J	---	---	---	60	---
LL34	LL34-0000- 092603-01	9/26/2003	---	---	---	---	4.4	87	---	---	---	7.3	0.034 J	---	---	---	---	---
MD07	MD07-0102- 081803-01	8/18/2003	---	---	---	---	36	221	---	---	87	12	0.096 J	36	2.6	---	82	0.61
MD08	MD08-0001- 081803-01	8/18/2003	---	---	---	---	18	237	---	---	57	9.4	0.11	---	2.2	---	59	0.25

TABLE 11

SURFACE SOIL EXCEEDANCES
JCI-FOWLERVILLE

Location	FieldID	Date Sampled	Methylene chloride	Trichloro ethene	Fluoran thene	Pyrene	Arsenic, Total	Barium, Total	Cadmium, Total	Chromium (VI)	Copper, Total	Lead, Total	Mercury, Total	Nickel, Total	Selenium, Total	Silver, Total	Zinc, Total	Cyanide, Total
		Units:	ug/kg	ug/kg	ug/kg	ug/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Residential Drinking Water Protection:	100	100	730000	480000	23	1300	6	30	5800	700	1.7	100	4	4.5	2400	4
		GSI Protection:	19000	4000	5500	NL	0.07	1200	7.4	3.3	170	7900	0.1	180	0.4	0.5	380	0.2
		GSI Protection - Human Health Based:	52000	7400	3889.92	3181.6	5.6	3200	2.6	NL	1280	3.8	0.000036	4200	54	220	440	960
		Groundwater Contact Criteria Protection:	2300000	440000	730000	480000	2000	1000000	230000	140000	1000000	NL	47	1000000	78000	200000	1000000	250
		Infinite Soil Volatilization:	700000	260000	890000000	780000000	NL	NL	NL	NL	NL	NL	62	NL	NL	NL	NL	NL
		Particulate Soil Inhalation:	8300000000	2300000000	4100000000	2900000000	910	150000	2200	240	59000	44000	8800	16000	59000	2900	NL	250
		Industrial Soil Direct Contact Criteria:	2300000	500000	130000000	84000000	37	130000	2100	9200	73000	900	580	150000	9600	9000	630000	250
		Statewide Default Background:	NL	NL	NL	NL	5.8	75	1.2	NL	32	21	0.13	20	0.41	1	47	0.39
MD09	MD09-0001- 081803-01	8/18/2003	---	---	---	---	4.1	---	---	57	---	---	0.023 J	---	0.66	---	---	---
MD100	MD100-0001 091803-01	9/18/2003	---	---	---	---	4.6	---	---	---	---	---	---	---	---	---	---	---
MD101	MD101-0001 091803-01	9/18/2003	---	---	---	---	2.5	---	---	---	---	---	---	---	---	---	---	---
MD101	MD101-0001 091803-02	9/18/2003	---	---	---	---	1.9	---	---	---	---	---	---	---	---	---	---	---
MD102	MD102-0001 091803-01	9/18/2003	---	---	---	---	13	---	---	5.4 J	---	---	---	---	---	---	89	0.38
MD103	MD103-0001 091803-01	9/18/2003	---	---	---	---	1.3	---	---	---	---	---	---	---	---	---	---	---
MD104	MD104-0001 091803-01	9/18/2003	---	---	---	---	1.5	---	---	---	---	---	---	---	---	---	---	---
MD105	MD105-0001 100303-01	10/3/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.52
MD106	MD106-0001 100303-01	10/3/2003	---	---	---	---	---	---	---	---	55	---	0.063 J	---	1.9	---	---	---
MD107	MD107-0001 100303-01	10/3/2003	---	---	---	---	---	---	---	---	50	---	0.13	---	2.6	---	---	---
MD109	MD109-0001 100303-01	10/3/2003	---	---	---	---	---	---	---	---	36	---	---	---	1.4	---	80	0.32
MD110	MD110-0001 100303-01	10/3/2003	---	---	---	---	22	---	---	---	99	---	0.15	---	1.3	---	---	0.54
MD111	MD111-0001 100303-01	10/3/2003	---	---	---	---	23	---	---	---	93	---	0.18	---	1.4	---	---	0.61
MD112	MD112-0001 100303-01	10/3/2003	---	---	---	---	26	---	---	11 J	---	---	---	---	1	---	110	0.4
MD113	MD113-0001 100303-01	10/3/2003	---	---	---	---	25	---	---	---	---	---	---	---	0.89	---	119	0.38
MD14	MD14-0001- 081803-01	8/18/2003	---	---	---	---	33	228	---	---	131	50	0.2	60	---	---	269	0.49
MD15	MD15-0001- 081803-01	8/18/2003	---	---	---	---	19	234	---	---	---	15	0.14	---	1.1	---	84	---
MD20	MD20-0001- 081903-01	8/19/2003	---	---	---	---	5.7	---	---	---	---	---	0.013 J	---	---	---	---	---
MD21	MD21-0001- 081903-01	8/19/2003	---	---	---	---	10	---	---	---	---	6.1	0.027 J	---	---	---	49	---
MD21	MD21-0001- 081903-02	8/19/2003	---	---	---	---	9	---	---	---	---	4.3	0.014 J	---	---	---	---	---
MD24	MD24-0102- 081903-01	8/19/2003	---	---	---	---	18	---	---	---	---	7.5	---	---	---	---	---	---
MD28	MD28-0001- 082203-01	8/22/2003	---	---	---	---	18	94	---	---	---	22	0.034 J	---	---	---	49	---
MD29	MD29-0001- 082203-01	8/22/2003	---	---	---	---	8.3	184	---	---	78	29	0.045 J	47	1.4	---	103	---
MD30	MD30-0001- 082203-01	8/22/2003	---	---	---	---	10	136	---	6.4 J	50	39	0.055 J	26	0.75	---	108	0.28
MD31	MD31-0001- 082203-01	8/22/2003	---	---	9400	7300	10	134	---	7.6 J	68	80	0.093 J	33	0.55	---	151	---
MD38	MD38-0102- 090903-01	9/9/2003	---	---	---	---	3.6	---	---	---	---	---	---	---	---	---	---	---
MD39	MD39-0102- 090903-01	9/9/2003	---	---	---	---	16	---	---	---	---	---	---	---	---	---	---	---
MD40	MD40-0102- 090903-01	9/9/2003	---	---	---	---	1.3	---	---	---	---	---	---	---	---	---	---	0.45
MD41	MD41-0102- 090903-01	9/9/2003	---	---	---	---	1.7	---	---	---	---	---	---	---	---	---	---	2.2
MD42	MD42-0102- 090903-01	9/9/2003	---	---	---	---	5.4	---	---	---	---	---	---	---	---	---	---	1.3
MD43	MD43-0102- 090903-01	9/9/2003	---	---	---	---	2.2	---	---	---	---	5.6	---	---	---	---	---	---
MD44	MD44-0102- 090903-01	9/9/2003	---	---	---	---	3.6	---	---	---	---	6.4	---	---	---	---	---	---
MD48	MD48-0202- 091003-01	9/10/2003	---	---	---	---	10	76	---	---	---	4.3	0.037 J	---	---	---	---	---
MD50	MD50-0202- 091003-01	9/10/2003	---	---	---	---	26	104	---	---	---	6.3	0.027 J	---	---	---	---	0.24
MD51	MD51-0202- 091003-01	9/10/2003	---	---	---	---	3	---	---	---	---	---	---	---	---	---	---	---
MD53	MD53-0202- 091003-01	9/10/2003	---	---	---	---	13	198	---	---	39	16	0.088 J	22	---	---	148	---
MD53	MD53-0202- 091003-02	9/10/2003	---	---	---	---	26	230	---	---	69	19	0.075 J	40	---	---	341	0.23
MD67	MD67-0102- 091103-01	9/11/2003	---	---	---	---	26	214	1.2	9.3 J	154	104	0.089 J	65	---	1.1	248	0.22
MD67	MD67-0102- 091103-02	9/11/2003	---	---	---	---	27	254	1.3	---	35	16	0.077 J	24	1	---	115	---
MD69	MD69-0102- 091103-01	9/11/2003	---	---	---	---	11	79	---	---	---	29	0.032 J	---	0.81	---	53	---
MD99	MD99-0001- 091803-01	9/18/2003	---	---	---	---	17	---	---	---	---	---	---	---	---	---	47	---
MS02	MS02-0101- 101903-01	10/19/2003	---	---	---	---	43	97	---	---	5040	28	0.13	---	1.5	---	1780	0.31
MS06	MS06-0202- 101903-01	10/19/2003	---	---	---	---	21	---	---	---	---	5.6	0.011	---	0.76	---	---	---
MS06	MS06-0202- 101903-02	10/19/2003	---	---	---	---	44	---	---	3.4	---	6.3	0.01	---	0.81	---	84	---
MS07	MS07-0202- 101903-01	10/19/2003	---	---	---	---	40	---	---	---	36	5.8	0.011	---	0.78	---	---	---
MS12	MS12-0202- 101903-01	10/19/2003	---	---	---	---	3.5	---	---	---	40	6.5	---	66	0.81	---	---	---
NN37	NN37-0000- 091603-01	9/16/2003	---	---	---	---	4.6	---	---	---	---	5.9	0.019 J	---	---	---	98	0.23
NN37	NN37-0000- 091603-02	9/16/2003	---	---	---	---	6.8	---	---	---	---	7.4	0.026 J	23	---	---	127	0.44

TABLE 11

SURFACE SOIL EXCEEDANCES
JCI-FOWLERVILLE

			Methylene chloride	Trichloro ethene	Fluoran thene	Pyrene	Arsenic, Total	Barium, Total	Cadmium, Total	Chromium (VI)	Copper, Total	Lead, Total	Mercury, Total	Nickel, Total	Selenium, Total	Silver, Total	Zinc, Total	Cyanide, Total
		Units:	ug/kg	ug/kg	ug/kg	ug/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Residential Drinking Water Protection:	100	100	730000	480000	23	1300	6	30	5800	700	1.7	100	4	4.5	2400	4
		GSI Protection:	19000	4000	5500	NL	0.07	1200	7.4	3.3	170	7900	0.1	180	0.4	0.5	380	0.2
		GSI Protection - Human Health Based:	52000	7400	3889.92	3181.6	5.6	3200	2.6	NL	1280	3.8	0.000036	4200	54	220	440	960
		Groundwater Contact Criteria Protection:	2300000	440000	730000	480000	2000	1000000	230000	140000	1000000	NL	47	1000000	78000	200000	1000000	250
		Infinite Soil Volatilization:	700000	260000	890000000	780000000	NL	NL	NL	NL	NL	NL	62	NL	NL	NL	NL	NL
		Particulate Soil Inhalation:	8300000000	2300000000	4100000000	2900000000	910	150000	2200	240	59000	44000	8800	16000	59000	2900	NL	250
		Industrial Soil Direct Contact Criteria:	2300000	500000	130000000	84000000	37	130000	2100	9200	73000	900	580	150000	9600	9000	630000	250
		Statewide Default Background:	NL	NL	NL	NL	5.8	75	1.2	NL	32	21	0.13	20	0.41	1	47	0.39
Location	FieldID	Date Sampled																
NN39	NN39-0000- 091603-01	9/16/2003	---	---	---	---	6.6	---	---	---	---	6.9	0.035 J	26	---	---	149	0.94
OE01	OE01-01-02 062603-01	6/26/2003	120 JB	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PP36	PP36-0000- 091603-01	9/16/2003	---	---	---	---	3.3	---	---	---	---	7.4	0.018 J	---	---	---	243	---
PP38	PP38-0000- 091603-01	9/16/2003	---	---	---	---	3.5	---	---	---	---	4.8	0.016 J	---	---	---	---	---
PP40	PP40-0000- 091603-01	9/16/2003	---	---	---	---	2.8	---	---	---	---	---	0.012 J	---	---	---	---	---
QQ37	QQ37-0000- 091603-01	9/16/2003	---	---	---	---	5.7	---	---	---	---	9.1	0.03 J	---	0.47	---	87	---
QQ39	QQ39-0000- 091603-01	9/16/2003	---	---	---	---	6.8	---	---	15	---	9.3	0.05 J	22	0.44	---	149	---
TA05	TA05-0102-061003-01	6/10/2003	190 JB	---	---	---	7.7	---	---	---	37	8.4	0.014 J	22	---	---	203	---
TE29	TE29-0001- 081803-01	8/18/2003	---	270	---	---	4	80	---	---	---	8.2	0.026 J	---	---	---	60	---
TE31	TE31-0102- 081803-01	8/18/2003	---	---	---	---	4.5	75	---	---	---	8.4	0.033 J	---	---	---	---	---

NOTES:

J - Estimated value.
B - (Metals) Value is between the method detection limit and the reporting limit.
B - (Organics) The compound was also detected in the blank.
NL - A standard values was not listed for this compound.
--- Standards not exceeded.

Table 12: Summary of Discrete and 95% UCL Soil Exceedances
Johnson Controls, Inc.
Former Stanley Tools

Part 201 Criteria	Discrete Samples		95% UCL
	Surface Soils	Subsurface Soils	Surface Soils
Residential Drinking Water Protection	Arsenic, Methylene Chloride, Trichloroethene, Total Cyanide	Arsenic, Methylene Chloride, Trichloroethene	Methylene Chloride
GSIP	Arsenic, Fluoranthene, Chromium (VI), Copper, Mercury, Total Selenium, Total Silver, Total Cyanide, Zinc	Arsenic, Chromium (VI), Total Selenium, Total Silver, Total Cyanide, Mercury, Zinc	Arsenic, Hexavalent Chromium, Copper, Total Selenium, Total Cyanide
GSIP-HH	Arsenic, Fluoranthene, Pyrene, Copper, Lead, Mercury, Zinc	Arsenic, Lead, Mercury, Zinc	Arsenic, Lead, Mercury
Groundwater Contact Protection	---	---	---
Infinite Soil Volatilization	---	---	---
Particulate Soil Volatilization	---	---	---
Industrial/Commercial II Soil Direct Contact	Arsenic	---	---
State Background*	Arsenic, Barium, cadmium, Copper, Lead, Mercury, Nickel, Total Selenium, Total Silver, Total Zinc, Total Cyanide	Arsenic, Barium, Cadmium, Copper, Lead, Mercury, Nickel, Total Selenium, Total Zinc, Total Cyanide	Arsenic, Barium, Copper, Total Selenium, Total Zinc, Total Cyanide

NOTES:

*only when a background number was given.
--- No Exceedance noted.
GSIP - groundwtater surface water interface protection
GSIP-HH - groundwtater surface water interface protection, human health based
95% UCL = 95th percentile upper confidence limit on the mean.

A

APPENDIX A

ANALYTICAL DATA

APPENDIX A
GROUNDWATER DATA
JCI - FOWLERVILLE

		Location ID:	MW-01	MW-01	MW-01	MW-02	MW-02	MW-03	MW-03	MW-03C	MW-03C	MW-04	MW-04	MW-05	MW-05	MW-06	MW-06	MW-06	MW-07	MW-07	MW-08
		Field ID:	MW01-090903-01	MW01-090903-02	MW01-110503-01	MW02-090903-01	EW-14-110603-01	MW03-090903-01	MW03-110603-01	MW03C-093003-01	MW03C-110603-01	MW04-090903-01	MW04-110503-01	MW05-090903-01	MW05-110503-01	MW06-091003-01	MW06-110503-01	MW06-110503-02	MW07-091003-01	MW07-110503-01	MW08-100203-01
		Date Sampled:	9/9/03	9/9/03	11/5/03	9/9/03	11/6/03	9/9/03	11/6/03	9/30/03	11/6/03	9/9/03	11/5/03	9/9/03	11/5/03	9/10/03	11/5/03	11/5/03	9/10/03	11/5/03	10/2/03
Parameter	CAS #	Units																			
1,1,1,2-Tetrachloroethane	630-20-6	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
1,1,1-Trichloroethane	71-55-6	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
1,1,2,2-Tetrachloroethane	79-34-5	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
1,1,2-Trichloroethane	79-00-5	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
1,1-Dichloroethane	75-34-3	ug/l	48 J	48 J	31 J	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	3.2 J	2.9 J	2.6 J	1 U	1 U	14
1,1-Dichloroethene	75-35-4	ug/l	14 J	50 U	50 U	8.1 J	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
1,1-Dichloropropylene	563-58-6	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
1,2,3-Trichlorobenzene	87-61-6	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
1,2,3-Trichloropropane	96-18-4	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
1,2,4-Trichlorobenzene	120-82-1	ug/l	250 U	250 U	250 U	130 U	130 U	50 U	50 U	5 U	5 U	5 U	5 U	250 U	250 U	50 U	25 U	25 U	5 U	5 U	10 U
1,2,4-Trimethylbenzene	95-63-6	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	0.17 J	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
1,2-Dibromo-3-chloropropane	96-12-8	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
1,2-Dichlorobenzene	95-50-1	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
1,2-Dichloroethane	107-06-2	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
1,2-Dichloropropane	78-87-5	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
1,3,5-Trimethylbenzene	108-67-8	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
1,3-Dichlorobenzene	541-73-1	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
1,3-Dichloropropane	142-28-9	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
1,4-Dichlorobenzene	106-46-7	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
2,2-Dichloropropane	594-20-7	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
2-Chlorotoluene	95-49-8	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
2-Hexanone	591-78-6	ug/l	2500 U	2500 U	2500 U	1300 U	1300 U	500 U	500 U	50 U	50 U	50 U	50 U	2500 U	2500 U	500 U	250 U	250 U	50 U	50 U	100 U
4-Chlorotoluene	106-43-4	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
4-Isopropyltoluene	99-87-6	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
4-Methyl-2-pentanone	108-10-1	ug/l	2500 U	2500 U	2500 U	1300 U	1300 U	500 U	500 U	50 U	50 U	50 U	50 U	2500 U	2500 U	500 U	250 U	250 U	50 U	50 U	100 U
Acetone	67-64-1	ug/l	190 J	180 J	1300 U	130 J	630 U	250 U	250 U	25 U	25 U	2.4 J	25 U	200 J	1300 U	39 J	130 U	130 U	25 U	25 U	50 U
Benzene	71-43-2	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
Bromobenzene	108-86-1	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
Bromochloromethane	74-97-5	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
Bromoform	75-25-2	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
Bromomethane	74-83-9	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
Carbon disulfide	75-15-0	ug/l	9.3 J	250 U	250 U	130 U	130 U	50 U	50 U	3.2 J	0.26 J	5 U	5 U	250 U	250 U	50 U	25 U	25 U	5 U	5 U	10 U
Carbon tetrachloride	56-23-5	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
Chlorobenzene	108-90-7	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
Chloroethane	75-00-3	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
Chloroform	67-66-3	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
Chloromethane	74-87-3	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
cis-1,2-Dichloroethene	156-59-2	ug/l	900	910	600	250	250	65	140	1 U	1 U	1 U	1 U	260	310	100	91	71	1 U	1 U	280
cis-1,3-Dichloropropene	10061-01-5	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
Dibromochloromethane	124-48-1	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
Dibromomethane	74-95-3	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
Dichlorobromomethane	75-27-4	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
Dichlorodifluoromethane	75-71-8	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
Ethylbenzene	100-41-4	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
Ethylene dibromide	106-93-4	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
Hexachlorobutadiene	87-68-3	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	10 U
Isopropylbenzene	98-82-8	ug/l	250 U	250 U	250 U	130 U	130 U	50 U	50 U	5 U	5 U	5 U	5 U	250 U	250 U	50 U	25 U	25 U	5 U	5 U	10 U
Methyl ethyl ketone	78-93-3	ug/l	84 J	80 J	150 J	59 J	630 U	28 J	52 J	25 U	25 U	25 U	25 U	110 J	250 J	21 J	22 J	130 U	25 U	25 U	50 U
Methyl tert butyl ether	1634-04-4	ug/l	250 U	250 U	250 U	130 U	130 U	50 U	50 U	5 U	5 U	5 U	5 U	250 U	250 U	50 U	25 U	25 U	5 U	5 U	10 U
Methylene chloride	75-09-2	ug/l	46 J	40 J	75 J	35 J	11 J	11 J	10 J	5 U	0.26 J	5 U	0.38 J	48 J	66 J	10 J	6.9 J	5.6 J	5 U	0.36 J	10 U
n-Butylbenzene	104-51-8	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
n-Propylbenzene	103-65-1	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
Naphthalene	91-20-3	ug/l	250 U	250 U	250 U	130 U	130 U	50 U	50 U	5 U	5 U	5 U	5 U	250 U	250 U	50 U	25 U	25 U	5 U	5 U	10 U
o-Xylene	95-47-6	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
sec-Butylbenzene	135-98-8	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
Styrene	100-42-5	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
tert-Butylbenzene	98-06-6	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
Tetrachloroethene	127-18-4	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
Toluene	108-88-3	ug/l	50 U	14 J	50 U	25 U	25 U	4.6 J	10 U	1 U	1 U	1 U	1 U	17 J	50 U	5.2 J	5 U	5 U	1 U	1 U	2 U
trans-1,2-Dichloroethylene	156-60-5	ug/l	28 J	20 J	21 J	19 J	20 J	30	49	1 U	1 U	1 U	1 U	24 J	21 J	48	39	24	1 U	1 U	22
trans-1,3-Dichloropropene	10061-02-6	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U
Trichloroethene	79-01-6	ug/l	4200	4200	2900	3900	3400	880	1300	1 U	1 U	2.3	1 U	4200	2100	820	590	340	1 U	1 U	3
Trichlorofluoromethane	75-69-4	ug/l	50 U	50 U	50 U	25 U	25 U	10 U	10 U	1 U	1 U	1 U	1 U	50 U	50 U	10 U	5 U	5 U	1 U	1 U	2 U

APPENDIX A
GROUNDWATER DATA
JCI - FOWLERVILLE

		Location ID:	MW-01	MW-01	MW-01	MW-02	MW-02	MW-03	MW-03	MW-03C	MW-03C	MW-04	MW-04	MW-05	MW-05	MW-06	MW-06	MW-06	MW-07	MW-07	MW-08
		Field ID:	MW01-090903-01	MW01-090903-02	MW01-110503-01	MW02-090903-01	EW-14-110603-01	MW03-090903-01	MW03-110603-01	MW03C-093003-01	MW03C-110603-01	MW04-090903-01	MW04-110503-01	MW05-090903-01	MW05-110503-01	MW06-091003-01	MW06-110503-01	MW06-110503-02	MW07-091003-01	MW07-110503-01	MW08-100203-01
		Date Sampled:	9/9/03	9/9/03	11/5/03	9/9/03	11/6/03	9/9/03	11/6/03	9/30/03	11/6/03	9/9/03	11/5/03	9/9/03	11/5/03	9/10/03	11/5/03	11/5/03	9/10/03	11/5/03	10/2/03
Parameter	CAS #	Units																			
Vinyl chloride	75-01-4	ug/l	42 J	51	21 J	46	28	12	12	1 U	1 U	1 U	1 U	50 U	50 U	7.5 J	4.8 J	3.1 J	1 U	1 U	140
Xylene, Meta + Para	Not Applicable	ug/l	100 U	100 U	100 U	50 U	50 U	20 U	20 U	2 U	2 U	2 U	2 U	100 U	100 U	20 U	10 U	10 U	2 U	2 U	4 U
1,2,4-Trichlorobenzene	120-82-1	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene	95-50-1	ug/l	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	1.8
1,3-Dichlorobenzene	541-73-1	ug/l	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
1,4-Dichlorobenzene	106-46-7	ug/l	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	0.22 J
2,4,5-Trichlorophenol	95-95-4	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	88-06-2	ug/l	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U
2,4-Dichlorophenol	120-83-2	ug/l	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
2,4-Dimethylphenol	105-67-9	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dinitrophenol	51-28-5	ug/l	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
2,4-Dinitrotoluene	121-14-2	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	606-20-2	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chloronaphthalene	91-58-7	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorophenol	95-57-8	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Methylnaphthalene	91-57-6	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1.6 J
2-Methylphenol	95-48-7	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Nitroaniline	88-74-4	ug/l	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
2-Nitrophenol	88-75-5	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
3,3-Dichlorobenzidine	91-94-1	ug/l	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
3-Nitroaniline	99-09-2	ug/l	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
4,6-Dinitro-2-methylphenol	534-52-1	ug/l	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
4-Bromophenyl-phenylether	101-55-3	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chloroaniline	106-47-8	ug/l	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
4-Chlorophenyl-phenylether	7005-72-3	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Methylphenol	106-44-5	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Nitroaniline	100-01-6	ug/l	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
4-Nitrophenol	100-02-7	ug/l	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
Acenaphthene	83-32-9	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acenaphthylene	208-96-8	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Anthracene	120-12-7	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benz(a)anthracene	56-55-3	ug/l	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
Benzidine	92-87-5	ug/l	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
Benzo(a)pyrene	50-32-8	ug/l	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
Benzo(b)fluoranthene	205-99-2	ug/l	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
Benzo(g,h,i)perylene	191-24-2	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzo(k)fluoranthene	207-08-9	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzoic acid	65-85-0	ug/l	50 U	50 U	0.64 J	50 U	50 U	50 U	0.2 J	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	0.78 J	50 U
Benzyl alcohol	100-51-6	ug/l	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	0.12 J	50 U
bis(2-Chloroethoxy)methane	111-91-1	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
bis(2-Chloroethyl)ether	111-44-4	ug/l	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
bis(2-Chloroisopropyl)ether	108-60-1	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/l	0.64 J	0.37	0.32 J	0.59	5 U	0.45	5 U	0.33 J	5 U	0.51	0.46 J	0.65	0.39 J	0.47 J	5 U	5 U	0.47 J	2.2 J	3.9 J
Butyl benzyl phthalate	85-68-7	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.34 J
Carbazole	86-74-8	ug/l	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
Chrysene	218-01-9	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Di-N-Butyl phthalate	84-74-2	ug/l	5 U	5 U	0.78 J	5 U	5 U	5 U	5 U	0.84 J	5 U	5 U	2.7 J	2.1	0.75 J	5 U	5 U	0.93 J	5 U	0.86 J	1.2 J
Di-N-Octyl phthalate	117-84-0	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.17 J
Dibenz(a,h)anthracene	53-70-3	ug/l	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
Dibenzofuran	132-64-9	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Diethylphthalate	84-66-2	ug/l	5 U	5 U	5 U	5 U	0.15 J	5 U	0.15 J	0.093 J	0.13 J	5 U	0.23 J	0.17	0.2 J	0.32 J	0.15 J	0.19 J	0.32 J	0.24 J	0.52 J
Dimethyl phthalate	131-11-3	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.088 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Fluoranthene	206-44-0	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Fluorene	86-73-7	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.053 J
Hexachlorobenzene	118-74-1	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Hexachlorobutadiene	87-68-3	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Hexachlorocyclopentadiene	77-47-4	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Hexachloroethane	67-72-1	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Indeno(1,2,3-cd)pyrene	193-39-5	ug/l	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
Isophorone	78-59-1	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
N-Nitroso-di-N-propylamine	621-64-7	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
N-Nitrosodiphenylamine	86-30-6	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	91-20-3	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U

APPENDIX A
GROUNDWATER DATA
JCI - FOWLERVILLE

		Location ID:	MW-01	MW-01	MW-01	MW-02	MW-02	MW-03	MW-03	MW-03C	MW-03C	MW-04	MW-04	MW-05	MW-05	MW-06	MW-06	MW-06	MW-07	MW-07	MW-08
		Field ID:	MW01-090903-01	MW01-090903-02	MW01-110503-01	MW02-090903-01	EW-14-110603-01	MW03-090903-01	MW03-110603-01	MW03C-093003-01	MW03C-110603-01	MW04-090903-01	MW04-110503-01	MW05-090903-01	MW05-110503-01	MW06-091003-01	MW06-110503-01	MW06-110503-02	MW07-091003-01	MW07-110503-01	MW08-100203-01
		Date Sampled:	9/9/03	9/9/03	11/5/03	9/9/03	11/6/03	9/9/03	11/6/03	9/30/03	11/6/03	9/9/03	11/5/03	9/9/03	11/5/03	9/10/03	11/5/03	11/5/03	9/10/03	11/5/03	10/2/03
Parameter	**CAS #**	**Units**																			
Nitrobenzene	98-95-3	ug/l	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
p-Chloro-m-cresol	59-50-7	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.2	5 U	5 U	5 U	5 U	5 U	5 U	1.2 J
Pentachlorophenol	87-86-5	ug/l	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
Phenanthrene	85-01-8	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.19 J	5 U
Phenol	108-95-2	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Pyrene	129-00-0	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
PCB-1016	12674-11-2	ug/l	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
PCB-1221	11104-28-2	ug/l	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
PCB-1232	11141-16-5	ug/l	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
PCB-1242	53469-21-9	ug/l	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
PCB-1248	12672-29-6	ug/l	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
PCB-1254	11097-69-1	ug/l	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
PCB-1260	11096-82-5	ug/l	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
Arsenic, Total	7440-38-2	mg/l	0.0099	0.0099	0.0071	0.011	0.009	0.011	0.0085	0.0028	0.0044	0.0037	0.0062	0.0009	0.00075 J	0.018	0.0071	0.0068	0.0071	0.0067	0.0054
Barium, Total	7440-39-3	mg/l	0.229	0.237	0.218	0.263	0.19	0.258	0.327	0.183	0.181	0.104	0.174	0.107	0.152	0.121	0.143	0.134	0.138	0.155	0.183
Cadmium, Total	7440-43-9	mg/l	0.0002 U	0.0002 U	0.0002	0.0002 U	0.0003	0.00009	0.0002	0.0002 U	0.0002 U	0.00007	0.0002	0.0002 U	0.0001 J	0.0002 U	0.00009 J	0.0001 J	0.0002 U	0.0002 U	0.0002 U
Chromium, Total	7440-47-3	mg/l	0.0011 J	0.0006	0.0011 J	0.0008	0.0011 J	0.001	0.0016 J	0.005 U	0.0011 J	0.001	0.0017 J	0.0014	0.0014 J	0.0007 J	0.001 J	0.0011 J	0.0005 J	0.0013 J	0.002 J
Copper, Total	7440-50-8	mg/l	0.0007	0.0012	0.0009 J	0.0014	0.001 J	0.0024	0.0024 J	0.0008 J	0.0011 J	0.0039	0.002 J	0.0023	0.0023 J	0.0011 J	0.0008 J	0.0009 J	0.0007 J	0.0012 J	0.181
Lead, Total	7439-92-1	mg/l	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0004	0.00022 J	0.001 U	0.001 U	0.00023	0.001 U	0.001 U	0.001 U	0.0004 J	0.001 U	0.001 U	0.0005 J	0.0004 J	0.001 U
Mercury, Total	7439-97-6	mg/l	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel, Total	7440-02-0	mg/l	0.0014 J	0.0022	0.001 J	0.0012	0.0015 J	0.0043	0.0028 J	0.0035 J	0.0032 J	0.0053	0.0048 J	0.0054	0.0048 J	0.0043 J	0.0012 J	0.0047 J	0.0008 J	0.0015 J	0.14
Selenium, Total	7782-49-2	mg/l	0.0008	0.0005	0.001 U	0.001 U	0.001 U	0.0006	0.001 U	0.001 U	0.001 U	0.002	0.001 U	0.0007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Silver, Total	7440-22-4	mg/l	0.00008	4.5e-005 J	0.0002 U	0.0002 U	0.00006 J	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.00005	0.00007 J	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Zinc, Total	7440-66-6	mg/l	0.005 J	0.018	0.0079 J	0.0033	0.0075 J	0.0094	0.0099 J	0.0049 J	0.0079 J	0.017	0.014	0.0055	0.0095 J	0.042	0.006 J	0.0091 J	0.017	0.0061 J	0.092
Arsenic, Dissolved	7440-38-2	mg/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Barium, Dissolved	7440-39-3	mg/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Cadmium, Dissolved	7440-43-9	mg/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chromium, Dissolved	7440-47-3	mg/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chromium, Hexavalent- Dissolve	18540-29-9	mg/l	0.002 J	0.002 J	0.003 J	0.003 J	0.007	0.003 J	0.004 J	0.0008 J	0.006	0.001 J	0.002 J	0.0007 J	0.005 U	0.004 J	0.002 J	0.002 J	0.004 J	0.002 J	0.009
Copper, Dissolved	7440-50-8	mg/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Lead, Dissolved	7439-92-1	mg/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Mercury, Dissolved	7439-97-6	mg/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Nickel, Dissolved	7440-02-0	mg/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Selenium, Dissolved	7782-49-2	mg/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Silver, Dissolved	7440-22-4	mg/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Zinc, Dissolved	7440-66-6	mg/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Cyanide, Free	57-12-5	mg/l	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.004	0.005 U	0.005 U	0.005 U	0.005 U	0.005	0.005 U	0.0024	0.005	0.005 U	0.004	0.03
Cyanide, Total	57-12-5	mg/l	0.005 U	0.005 U	---	0.005 U	---	0.005 U	---	---	---	0.005 U	---	0.005 U	---	0.005 U	---	---	0.005 U	---	---

NOTES:
U = Non-detect, value is reporting limit
J = Estimated value below reporting limit
NA = Parameter not analyzed
B = Blank qualified result
--- = Parameter not analyzed

APPENDIX A
GROUNDWATER DATA
JCI - FOWLERVILLE

		Location ID:	MW-08	MW-09	MW-09	MW-09B	MW-09B	MW-09C	MW-09C	MW-09C	MW-0S1	MW-0S1	MW-0S1C	MW-0S1C	MW-0S1C	MW-0S3	MW-0S3	MW-0S3	MW-0S3C	MW-0S3C
		Field ID:	MW08-110403-01	MW09-100103-01	MW09-110503-01	MW09B-100103-01	MW09B-110603-01	MW09C-100103-01	MW09C-100103-02	MW09C-110603-01	MW051-100303-01	MW-0S1-110403-01	MW051C-091103-01	MW051C-100303-01	MW-0S1C-110403-01	MW-0S3-110603-01	MW-0S3-110603-02	MW053-100303-01	MW053C-091003-01	MW053C-100303-01
		Date Sampled:	11/4/03	10/1/03	11/5/03	10/1/03	11/6/03	10/1/03	10/1/03	11/6/03	10/3/03	11/4/03	9/11/03	10/3/03	11/4/03	11/6/03	11/6/03	10/3/03	9/10/03	10/3/03
Parameter	CAS #	Units																		
1,1,1,2-Tetrachloroethane	630-20-6	ug/l	2 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
1,1,1-Trichloroethane	71-55-6	ug/l	1 J	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
1,1,2,2-Tetrachloroethane	79-34-5	ug/l	2 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
1,1,2-Trichloroethane	79-00-5	ug/l	2 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
1,1-Dichloroethane	75-34-3	ug/l	18	0.58 J	0.22 J	1 U	1 U	1 U	1 U	1 U	0.6 J	0.52 J	1 U	---	1 U	3.5	3.6	4	1 U	1 U
1,1-Dichloroethene	75-35-4	ug/l	2 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
1,1-Dichloropropylene	563-58-6	ug/l	2 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
1,2,3-Trichlorobenzene	87-61-6	ug/l	2 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
1,2,3-Trichloropropane	96-18-4	ug/l	2 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
1,2,4-Trichlorobenzene	120-82-1	ug/l	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	95-63-6	ug/l	2 U	1 U	1 U	1 U	1 U	0.21 J	0.12 J	1 U	1 U	1 U	1 U	---	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	96-12-8	ug/l	2 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
1,2-Dichlorobenzene	95-50-1	ug/l	2.4	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
1,2-Dichloroethane	107-06-2	ug/l	2 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
1,2-Dichloropropane	78-87-5	ug/l	2 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
1,3,5-Trimethylbenzene	108-67-8	ug/l	2 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
1,3-Dichlorobenzene	541-73-1	ug/l	2 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
1,3-Dichloropropane	142-28-9	ug/l	2 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
1,4-Dichlorobenzene	106-46-7	ug/l	2 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
2,2-Dichloropropane	594-20-7	ug/l	2 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
2-Chlorotoluene	95-49-8	ug/l	2 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
2-Hexanone	591-78-6	ug/l	100 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
4-Chlorotoluene	106-43-4	ug/l	2 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
4-Isopropyltoluene	99-87-6	ug/l	2 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
4-Methyl-2-pentanone	108-10-1	ug/l	100 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
Acetone	67-64-1	ug/l	50 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	25 U	25 U	25 U
Benzene	71-43-2	ug/l	2 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
Bromobenzene	108-86-1	ug/l	2 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
Bromochloromethane	74-97-5	ug/l	2 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
Bromoform	75-25-2	ug/l	2 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
Bromomethane	74-83-9	ug/l	2 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
Carbon disulfide	75-15-0	ug/l	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	0.2 J	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	56-23-5	ug/l	2 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
Chlorobenzene	108-90-7	ug/l	2 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
Chloroethane	75-00-3	ug/l	2 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
Chloroform	67-66-3	ug/l	2 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
Chloromethane	74-87-3	ug/l	2 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
cis-1,2-Dichloroethene	156-59-2	ug/l	320	55	19	1 U	1 U	1 U	1 U	1 U	1.4	1.2	1 U	---	1 U	13	13	27	1 U	1 U
cis-1,3-Dichloropropene	10061-01-5	ug/l	2 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
Dibromochloromethane	124-48-1	ug/l	2 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
Dibromomethane	74-95-3	ug/l	2 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
Dichlorobromomethane	75-27-4	ug/l	2 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
Dichlorodifluoromethane	75-71-8	ug/l	2 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
Ethylbenzene	100-41-4	ug/l	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.12 J	1 U	---	1 U	1 U	1 U	1 U	1 U	1 U
Ethylene dibromide	106-93-4	ug/l	2 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
Hexachlorobutadiene	87-68-3	ug/l	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	---	1 U	1 U	1 U	5 U	1 U	5 U
Isopropylbenzene	98-82-8	ug/l	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U	5 U	5 U
Methyl ethyl ketone	78-93-3	ug/l	10 J	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	25 U	25 U
Methyl tert butyl ether	1634-04-4	ug/l	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U	5 U	5 U
Methylene chloride	75-09-2	ug/l	2.8 J	5 U	0.23 J	5 U	0.3 J	5 U	5 U	0.32 J	5 U	0.32 J	5 U	---	0.42 J	0.31 J	0.25 J	5 U	5 U	5 U
n-Butylbenzene	104-51-8	ug/l	2 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
n-Propylbenzene	103-65-1	ug/l	2 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
Naphthalene	91-20-3	ug/l	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U	5 U	5 U
o-Xylene	95-47-6	ug/l	2 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
sec-Butylbenzene	135-98-8	ug/l	2 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
Styrene	100-42-5	ug/l	2 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
tert-Butylbenzene	98-06-6	ug/l	2 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
Tetrachloroethene	127-18-4	ug/l	2 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
Toluene	108-88-3	ug/l	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.16 J	1 U	---	0.13 J	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethylene	156-60-5	ug/l	26	28	9.8	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	---	1 U	1.3	1.2	1.7	1 U	1 U
trans-1,3-Dichloropropene	10061-02-6	ug/l	2 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
Trichloroethene	79-01-6	ug/l	2.3	1 U	1 U	1 U	0.3 J	1 U	1 U	1 U	1 U	1 U	1 U	---	1 U	1 U	1 U	1 U	0.72 J	1 U
Trichlorofluoromethane	75-69-4	ug/l	2 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

APPENDIX A
GROUNDWATER DATA
JCI - FOWLERVILLE

		Location ID:	MW-08	MW-09	MW-09	MW-09B	MW-09B	MW-09C	MW-09C	MW-09C	MW-0S1	MW-0S1	MW-0S1C	MW-0S1C	MW-0S1C	MW-0S3	MW-0S3	MW-0S3	MW-0S3C	MW-0S3C
		Field ID:	MW08-110403-01	MW09-100103-01	MW09-110503-01	MW09B-100103-01	MW09B-110603-01	MW09C-100103-01	MW09C-100103-02	MW09C-110603-01	MW051-100303-01	MW-0S1-110403-01	MW051C-091103-01	MW051C-100303-01	MW-0S1C-110403-01	MW-0S3-110603-01	MW-0S3-110603-02	MW053-100303-01	MW053C-091003-01	MW053C-100303-01
		Date Sampled:	11/4/03	10/1/03	11/5/03	10/1/03	11/6/03	10/1/03	10/1/03	11/6/03	10/3/03	11/4/03	9/11/03	10/3/03	11/4/03	11/6/03	11/6/03	10/3/03	9/10/03	10/3/03
Parameter	**CAS #**	**Units**																		
Vinyl chloride	75-01-4	ug/l	130	9.5	2.9	1 U	1 U	1 U	1 U	1 U	0.73 J	0.63 J	1 U	---	1 U	27	29	24	1 U	1 U
Xylene, Meta + Para	Not Applicable	ug/l	4 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
1,2,4-Trichlorobenzene	120-82-1	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U	5 U	---
1,2-Dichlorobenzene	95-50-1	ug/l	1.1	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	---
1,3-Dichlorobenzene	541-73-1	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.036 J	1 U	---	1 U	1 U	1 U	1 U	1 U	---
1,4-Dichlorobenzene	106-46-7	ug/l	0.13 J	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	---
2,4,5-Trichlorophenol	95-95-4	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U	5 U	---
2,4,6-Trichlorophenol	88-06-2	ug/l	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	---	4 U	4 U	4 U	4 U	4 U	---
2,4-Dichlorophenol	120-83-2	ug/l	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	---
2,4-Dimethylphenol	105-67-9	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U	5 U	---
2,4-Dinitrophenol	51-28-5	ug/l	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	---
2,4-Dinitrotoluene	121-14-2	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U	5 U	---
2,6-Dinitrotoluene	606-20-2	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U	5 U	---
2-Chloronaphthalene	91-58-7	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U	5 U	---
2-Chlorophenol	95-57-8	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U	5 U	---
2-Methylnaphthalene	91-57-6	ug/l	1.3 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U	5 U	---
2-Methylphenol	95-48-7	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U	5 U	---
2-Nitroaniline	88-74-4	ug/l	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	---
2-Nitrophenol	88-75-5	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U	5 U	---
3,3-Dichlorobenzidine	91-94-1	ug/l	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	---
3-Nitroaniline	99-09-2	ug/l	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	---
4,6-Dinitro-2-methylphenol	534-52-1	ug/l	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	---
4-Bromophenyl-phenylether	101-55-3	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U	5 U	---
4-Chloroaniline	106-47-8	ug/l	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	---
4-Chlorophenyl-phenylether	7005-72-3	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U	5 U	---
4-Methylphenol	106-44-5	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U	5 U	---
4-Nitroaniline	100-01-6	ug/l	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	---
4-Nitrophenol	100-02-7	ug/l	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	---
Acenaphthene	83-32-9	ug/l	0.043 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U	5 U	---
Acenaphthylene	208-96-8	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U	5 U	---
Anthracene	120-12-7	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U	5 U	---
Benz(a)anthracene	56-55-3	ug/l	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	---
Benzidine	92-87-5	ug/l	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	---
Benzo(a)pyrene	50-32-8	ug/l	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	---
Benzo(b)fluoranthene	205-99-2	ug/l	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	---
Benzo(g,h,i)perylene	191-24-2	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U	5 U	---
Benzo(k)fluoranthene	207-08-9	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U	5 U	---
Benzoic acid	65-85-0	ug/l	0.26 J	50 U	0.82 J	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	---
Benzyl alcohol	100-51-6	ug/l	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	---
bis(2-Chloroethoxy)methane	111-91-1	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U	5 U	---
bis(2-Chloroethyl)ether	111-44-4	ug/l	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	---
bis(2-Chloroisopropyl)ether	108-60-1	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U	5 U	---
bis(2-Ethylhexyl)phthalate	117-81-7	ug/l	0.79 J	0.63 J	0.56 J	0.58 J	5 U	0.7 J	0.61 J	0.48 J	0.49 J	0.65 J	0.37 J	---	5 U	0.49 J	5 U	0.28 J	0.39 J	---
Butyl benzyl phthalate	85-68-7	ug/l	5 U	0.057 J	5 U	0.056 J	5 U	0.071 J	5 U	5 U	0.14 J	5 U	5 U	---	5 U	5 U	5 U	5 U	5 U	---
Carbazole	86-74-8	ug/l	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	---
Chrysene	218-01-9	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U	5 U	---
Di-N-Butyl phthalate	84-74-2	ug/l	0.74 J	1.7 J	1.2 J	0.48 J	5 U	0.58 J	0.86 J	5 U	0.34 J	12	5 U	---	5 U	1.2 J	5 U	0.25 J	5 U	---
Di-N-Octyl phthalate	117-84-0	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.052 J	5 U	5 U	---	5 U	5 U	5 U	5 U	5 U	---
Dibenz(a,h)anthracene	53-70-3	ug/l	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	---
Dibenzofuran	132-64-9	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U	5 U	---
Diethylphthalate	84-66-2	ug/l	0.22 J	0.12 J	0.31 J	0.12 J	0.15 J	0.1 J	0.1 J	0.13 J	0.056 J	0.2 J	0.19 J	---	0.16 J	0.21 J	0.14 J	5 U	0.28 J	---
Dimethyl phthalate	131-11-3	ug/l	5 U	5 U	5 U	5 U	5 U	0.11 J	0.12 J	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U	5 U	---
Fluoranthene	206-44-0	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U	5 U	---
Fluorene	86-73-7	ug/l	0.047 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U	5 U	---
Hexachlorobenzene	118-74-1	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U	5 U	---
Hexachlorobutadiene	87-68-3	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U	5 U	---
Hexachlorocyclopentadiene	77-47-4	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U	5 U	---
Hexachloroethane	67-72-1	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U	5 U	---
Indeno(1,2,3-cd)pyrene	193-39-5	ug/l	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	---
Isophorone	78-59-1	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U	5 U	---
N-Nitroso-di-N-propylamine	621-64-7	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U	5 U	---
N-Nitrosodiphenylamine	86-30-6	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U	5 U	---
Naphthalene	91-20-3	ug/l	0.16 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U	5 U	---

APPENDIX A
GROUNDWATER DATA
JCI - FOWLERVILLE

		Location ID:	MW-08	MW-09	MW-09	MW-09B	MW-09B	MW-09C	MW-09C	MW-09C	MW-0S1	MW-0S1	MW-0S1C	MW-0S1C	MW-0S1C	MW-0S3	MW-0S3	MW-0S3	MW-0S3C	MW-0S3C
		Field ID:	MW08-110403-01	MW09-100103-01	MW09-110503-01	MW09B-100103-01	MW09B-110603-01	MW09C-100103-01	MW09C-100103-02	MW09C-110603-01	MW051-100303-01	MW-0S1-110403-01	MW051C-091103-01	MW051C-100303-01	MW-0S1C-110403-01	MW-0S3-110603-01	MW-0S3-110603-02	MW053-100303-01	MW053C-091003-01	MW053C-100303-01
		Date Sampled:	11/4/03	10/1/03	11/5/03	10/1/03	11/6/03	10/1/03	10/1/03	11/6/03	10/3/03	11/4/03	9/11/03	10/3/03	11/4/03	11/6/03	11/6/03	10/3/03	9/10/03	10/3/03
Parameter	CAS #	Units																		
Nitrobenzene	98-95-3	ug/l	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	---
p-Chloro-m-cresol	59-50-7	ug/l	5 U	5 U	5 U	1.3 J	5 U	5 U	5 U	5 U	0.34 J	5 U	5 U	---	5 U	5 U	5 U	0.27 J	5 U	---
Pentachlorophenol	87-86-5	ug/l	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	---
Phenanthrene	85-01-8	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U	5 U	---
Phenol	108-95-2	ug/l	0.037 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U	5 U	---
Pyrene	129-00-0	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U	5 U	---
PCB-1016	12674-11-2	ug/l	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
PCB-1221	11104-28-2	ug/l	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
PCB-1232	11141-16-5	ug/l	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
PCB-1242	53469-21-9	ug/l	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
PCB-1248	12672-29-6	ug/l	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	0.068 J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.13 J	0.2 U
PCB-1254	11097-69-1	ug/l	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
PCB-1260	11096-82-5	ug/l	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
Arsenic, Total	7440-38-2	mg/l	0.0058	0.005	0.0058	0.0055	0.0065	0.005	0.0051	0.0056	0.003	0.0043	0.0026	---	0.0029	0.0062	0.0063	0.0053	0.0031	---
Barium, Total	7440-39-3	mg/l	0.21	0.215	0.222	0.131	0.134	0.075	0.074	0.07	0.129	0.137	0.085	---	0.062	0.204	0.209	0.204	0.076	---
Cadmium, Total	7440-43-9	mg/l	0.0002 U	0.0002 U	0.0006	0.0002 U	0.0002	0.0002 U	0.0002 U	0.0002 U	8e-005 J	0.0001 J	0.0002 U	---	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0001 J	---
Chromium, Total	7440-47-3	mg/l	0.0017 J	0.005 U	0.0015 J	0.005 U	0.001 J	0.0006 J	0.005 U	0.001 J	0.0018 J	0.0013 J	0.005 U	---	0.0009 J	0.001 J	0.0008 J	0.0005 J	0.0008 J	---
Copper, Total	7440-50-8	mg/l	0.148	0.0008 J	0.0017 J	0.005 U	0.005 U	0.0009 J	0.005 U	0.0015 J	0.0012 J	0.0041 J	0.0016	---	0.0043 J	0.0026 J	0.0015 J	0.0014 J	0.004 J	---
Lead, Total	7439-92-1	mg/l	0.001 U	0.001 U	0.0003 J	0.001 U	0.001 U	0.001 U	0.0004 J	0.001 U	0.0005 J	0.0005 J	0.0034	---	0.001 U	0.001 U	0.00022 J	0.001 U	0.001 U	---
Mercury, Total	7439-97-6	mg/l	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	---	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	---
Nickel, Total	7440-02-0	mg/l	0.184	0.0067	0.0059	0.0038 J	0.0036 J	0.0029 J	0.0029 J	0.0035 J	0.002 J	0.012	0.0076	---	0.003 J	0.0021 J	0.002 J	0.0013 J	0.0025 J	---
Selenium, Total	7782-49-2	mg/l	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	---	0.001 U	0.001 U	0.001 U	0.0008 J	0.001 U	---
Silver, Total	7440-22-4	mg/l	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	---	0.0002 U	0.00008 J	0.0002 U	0.0002 U	0.0002 U	---
Zinc, Total	7440-66-6	mg/l	0.104	0.011	0.023	0.0057 J	0.0081 J	0.0054 J	0.0054 J	0.017	0.007 J	0.0068 J	0.033	---	0.005 J	0.058	0.0079 J	0.0035 J	0.0097 J	---
Arsenic, Dissolved	7440-38-2	mg/l	---	---	0.005	---	---	---	---	---	---	0.0024	---	---	---	---	---	---	---	---
Barium, Dissolved	7440-39-3	mg/l	---	---	0.211	---	---	---	---	---	---	0.128	---	---	---	---	---	---	---	---
Cadmium, Dissolved	7440-43-9	mg/l	---	---	0.0002 U	---	---	---	---	---	---	0.0001 J	---	---	---	---	---	---	---	---
Chromium, Dissolved	7440-47-3	mg/l	---	---	0.0015 J	---	---	---	---	---	---	0.005 U	---	---	---	---	---	---	---	---
Chromium, Hexavalent- Dissolve	18540-29-9	mg/l	0.02	0.005	0.005	0.0009 J	0.005	0.005 U	0.0007 J	0.002 J	0.002 J	0.003 J	0.005 U	---	0.002 J	0.01	0.01	0.004 J	0.005 U	---
Copper, Dissolved	7440-50-8	mg/l	---	---	0.0012 J	---	---	---	---	---	---	0.005 U	---	---	---	---	---	---	---	---
Lead, Dissolved	7439-92-1	mg/l	---	---	0.001 U	---	---	---	---	---	---	0.001 U	---	---	---	---	---	---	---	---
Mercury, Dissolved	7439-97-6	mg/l	---	---	0.0002 U	---	---	---	---	---	---	0.0002 U	---	---	---	---	---	---	---	---
Nickel, Dissolved	7440-02-0	mg/l	---	---	0.006	---	---	---	---	---	---	0.0042 J	---	---	---	---	---	---	---	---
Selenium, Dissolved	7782-49-2	mg/l	---	---	0.001 U	---	---	---	---	---	---	0.001 U	---	---	---	---	---	---	---	---
Silver, Dissolved	7440-22-4	mg/l	---	---	0.0002 U	---	---	---	---	---	---	0.0002 U	---	---	---	---	---	---	---	---
Zinc, Dissolved	7440-66-6	mg/l	---	---	0.16	---	---	---	---	---	---	0.025	---	---	---	---	---	---	---	---
Cyanide, Free	57-12-5	mg/l	0.04	0.01	0.01	0.005 U	0.004	0.005 U	0.004	0.005 U	0.007	0.007	0.005 U	---	0.004	0.004	0.005 U	0.006	0.005 U	---
Cyanide, Total	57-12-5	mg/l	---	---	---	---	---	---	---	---	---	---	0.005 U	---	---	---	---	---	0.005 U	---

NOTES:
U = Non-detect, value is reporting limit
J = Estimated value below reporting limit
NA = Parameter not analyzed
B = Blank qualified result
--- = Parameter not analyzed

APPENDIX A
GROUNDWATER DATA
JCI - FOWLERVILLE

		Location ID:	MW-0S3C	MW-0S3C	MW-10	MW-10	MW-11	MW-11	MW-12	MW-13	MW-13	MW-13C	MW-13C	MW-13C	MW-14	MW-14	MW-14	MW-14C	MW-14C	MW-15
		Field ID:	MW-0S3C- 110503-01	MW-0S3C-110503-02	MW10-100103-01	MW10-110503-01	MW11-091003-01	MW11-110503-01	MW12-091003-01	MW-13-091103-01	MW-13-110403-01	MW13C-091103-01	MW-13C-110403-01	MW13C 110403-02	MW14-093003-01	MW14-100603-01	MW14-110503-01	MW14C-093003-01	MW14C-110503-01	MW15-091103-01
		Date Sampled:	11/5/03	11/5/03	10/1/03	11/5/03	9/10/03	11/5/03	9/10/03	9/11/03	11/4/03	9/11/03	11/4/03	11/4/03	9/30/03	10/6/03	11/5/03	9/30/03	11/5/03	9/11/03
Parameter	CAS #	Units																		
1,1,1,2-Tetrachloroethane	630-20-6	ug/l	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
1,1,1-Trichloroethane	71-55-6	ug/l	1 U	1 U	1 U	1 U	0.65 J	0.71 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	79-34-5	ug/l	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
1,1,2-Trichloroethane	79-00-5	ug/l	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
1,1-Dichloroethane	75-34-3	ug/l	1 U	1 U	1 U	1 U	0.47 J	1.3	1 U	1 U	1 U	1 U	1 U	1 U	3.4	3.3	0.76 J	1 U	1 U	1 U
1,1-Dichloroethene	75-35-4	ug/l	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
1,1-Dichloropropylene	563-58-6	ug/l	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
1,2,3-Trichlorobenzene	87-61-6	ug/l	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
1,2,3-Trichloropropane	96-18-4	ug/l	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
1,2,4-Trichlorobenzene	120-82-1	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	95-63-6	ug/l	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
1,2-Dibromo-3-chloropropane	96-12-8	ug/l	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
1,2-Dichlorobenzene	95-50-1	ug/l	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
1,2-Dichloroethane	107-06-2	ug/l	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
1,2-Dichloropropane	78-87-5	ug/l	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
1,3,5-Trimethylbenzene	108-67-8	ug/l	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
1,3-Dichlorobenzene	541-73-1	ug/l	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
1,3-Dichloropropane	142-28-9	ug/l	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
1,4-Dichlorobenzene	106-46-7	ug/l	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
2,2-Dichloropropane	594-20-7	ug/l	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
2-Chlorotoluene	95-49-8	ug/l	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
2-Hexanone	591-78-6	ug/l	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
4-Chlorotoluene	106-43-4	ug/l	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
4-Isopropyltoluene	99-87-6	ug/l	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
4-Methyl-2-pentanone	108-10-1	ug/l	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
Acetone	67-64-1	ug/l	25 U	25 U	25 U	25 U	2.5 J	25 U	1.7 J	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Benzene	71-43-2	ug/l	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
Bromobenzene	108-86-1	ug/l	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
Bromochloromethane	74-97-5	ug/l	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
Bromoform	75-25-2	ug/l	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
Bromomethane	74-83-9	ug/l	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
Carbon disulfide	75-15-0	ug/l	0.24 J	0.32 J	5 U	5 U	5 U	5 U	5 U	5 U	0.18 J	5 U	0.39 J	0.42 J	5 U	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	56-23-5	ug/l	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
Chlorobenzene	108-90-7	ug/l	1 U	1 U	1 U	1 U	0.26 J	0.42 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	75-00-3	ug/l	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
Chloroform	67-66-3	ug/l	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
Chloromethane	74-87-3	ug/l	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
cis-1,2-Dichloroethene	156-59-2	ug/l	1 U	1 U	36	60	8.3	6.4	1 U	1 U	1 U	1 U	1 U	1 U	33	33	5.9	1 U	1 U	0.98
cis-1,3-Dichloropropene	10061-01-5	ug/l	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
Dibromochloromethane	124-48-1	ug/l	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
Dibromomethane	74-95-3	ug/l	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
Dichlorobromomethane	75-27-4	ug/l	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
Dichlorodifluoromethane	75-71-8	ug/l	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
Ethylbenzene	100-41-4	ug/l	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
Ethylene dibromide	106-93-4	ug/l	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
Hexachlorobutadiene	87-68-3	ug/l	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
Isopropylbenzene	98-82-8	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methyl ethyl ketone	78-93-3	ug/l	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	25 U	25 U	25 U	25 U
Methyl tert butyl ether	1634-04-4	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methylene chloride	75-09-2	ug/l	0.41 J	0.49 J	5 U	0.3 J	5 U	0.46 J	5 U	5 U	0.44 J	5 U	0.39 J	0.32 J	5 U	5 U	0.41 J	5 U	0.5 J	5 U
n-Butylbenzene	104-51-8	ug/l	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
n-Propylbenzene	103-65-1	ug/l	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
Naphthalene	91-20-3	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
o-Xylene	95-47-6	ug/l	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
sec-Butylbenzene	135-98-8	ug/l	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
Styrene	100-42-5	ug/l	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
tert-Butylbenzene	98-06-6	ug/l	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
Tetrachloroethene	127-18-4	ug/l	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
Toluene	108-88-3	ug/l	0.13 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.17 J	1 U	0.12 J	0.11 J	1 U	1 U	1 U	1 U	0.14 J	1 U
trans-1,2-Dichloroethylene	156-60-5	ug/l	1 U	1 U	4.2	5.3	1.6	1.1	1 U	1 U	1 U	1 U	1 U	1 U	3.4	3.5	0.62 J	1 U	1 U	1 U
trans-1,3-Dichloropropene	10061-02-6	ug/l	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
Trichloroethene	79-01-6	ug/l	1 U	1 U	32	28	1.3	1.1	0.99 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	75-69-4	ug/l	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

APPENDIX A
GROUNDWATER DATA
JCI - FOWLERVILLE

		Location ID:	MW-0S3C	MW-0S3C	MW-10	MW-10	MW-11	MW-11	MW-12	MW-13	MW-13	MW-13C	MW-13C	MW-13C	MW-14	MW-14	MW-14	MW-14C	MW-14C	MW-15
		Field ID:	MW-0S3C- 110503-01	MW-0S3C-110503-02	MW10-100103-01	MW10-110503-01	MW11-091003-01	MW11-110503-01	MW12-091003-01	MW-13-091103-01	MW-13-110403-01	MW13C-091103-01	MW-13C-110403-01	MW-13C 110403-02	MW14-093003-01	MW14-100603-01	MW14-110503-01	MW14C-093003-01	MW14C-110503-01	MW15-091103-01
		Date Sampled:	11/5/03	11/5/03	10/1/03	11/5/03	9/10/03	11/5/03	9/10/03	9/11/03	11/4/03	9/11/03	11/4/03	11/4/03	9/30/03	10/6/03	11/5/03	9/30/03	11/5/03	9/11/03
Parameter	CAS #	Units																		
Vinyl chloride	75-01-4	ug/l	1 U	1 U	15	23	2.1	2.5	1 U	1 U	1 U	1 U	1 U	1 U	1.4	1.2	1 U	1 U	1 U	1 U
Xylene, Meta + Para	Not Applicable	ug/l	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
1,2,4-Trichlorobenzene	120-82-1	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene	95-50-1	ug/l	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
1,3-Dichlorobenzene	541-73-1	ug/l	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
1,4-Dichlorobenzene	106-46-7	ug/l	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
2,4,5-Trichlorophenol	95-95-4	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	88-06-2	ug/l	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	---	4 U	4 U	4 U	4 U
2,4-Dichlorophenol	120-83-2	ug/l	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
2,4-Dimethylphenol	105-67-9	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U
2,4-Dinitrophenol	51-28-5	ug/l	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
2,4-Dinitrotoluene	121-14-2	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	606-20-2	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U
2-Chloronaphthalene	91-58-7	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U
2-Chlorophenol	95-57-8	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U
2-Methylnaphthalene	91-57-6	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U
2-Methylphenol	95-48-7	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U
2-Nitroaniline	88-74-4	ug/l	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
2-Nitrophenol	88-75-5	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U
3,3-Dichlorobenzidine	91-94-1	ug/l	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
3-Nitroaniline	99-09-2	ug/l	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
4,6-Dinitro-2-methylphenol	534-52-1	ug/l	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
4-Bromophenyl-phenylether	101-55-3	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U
4-Chloroaniline	106-47-8	ug/l	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
4-Chlorophenyl-phenylether	7005-72-3	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U
4-Methylphenol	106-44-5	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U
4-Nitroaniline	100-01-6	ug/l	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
4-Nitrophenol	100-02-7	ug/l	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
Acenaphthene	83-32-9	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U
Acenaphthylene	208-96-8	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U
Anthracene	120-12-7	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U
Benz(a)anthracene	56-55-3	ug/l	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
Benzidine	92-87-5	ug/l	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
Benzo(a)pyrene	50-32-8	ug/l	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
Benzo(b)fluoranthene	205-99-2	ug/l	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
Benzo(g,h,i)perylene	191-24-2	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U
Benzo(k)fluoranthene	207-08-9	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U
Benzoic acid	65-85-0	ug/l	50 U	50 U	50 U	0.74 J	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
Benzyl alcohol	100-51-6	ug/l	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
bis(2-Chloroethoxy)methane	111-91-1	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U
bis(2-Chloroethyl)ether	111-44-4	ug/l	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
bis(2-Chloroisopropyl)ether	108-60-1	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/l	5 U	5 U	0.55 J	0.38 J	0.54 J	5 U	5 U	0.25	0.6 J	0.27	0.35 J	0.29 J	0.58 J	---	1 J	0.46 J	0.33 J	0.57
Butyl benzyl phthalate	85-68-7	ug/l	5 U	5 U	0.2 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.11 J	5 U	0.093 J	---	5 U	0.09 J	0.097 J	5 U
Carbazole	86-74-8	ug/l	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
Chrysene	218-01-9	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U
Di-N-Butyl phthalate	84-74-2	ug/l	0.94 J	5 U	0.84 J	1.2 J	5 U	1.1 J	5 U	5 U	12	5 U	1.5 J	9.2	1.1 J	---	1.2 J	1.3 J	0.87 J	1.7
Di-N-Octyl phthalate	117-84-0	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U
Dibenz(a,h)anthracene	53-70-3	ug/l	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
Dibenzofuran	132-64-9	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U
Diethylphthalate	84-66-2	ug/l	0.17 J	0.14 J	0.14 J	0.28 J	0.44 J	0.22 J	5 U	0.17	0.15 J	0.17	0.19 J	0.18 J	0.13 J	---	0.27 J	0.11 J	0.19 J	0.22
Dimethyl phthalate	131-11-3	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	0.086 J	0.047 J	5 U
Fluoranthene	206-44-0	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U
Fluorene	86-73-7	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U
Hexachlorobenzene	118-74-1	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U
Hexachlorobutadiene	87-68-3	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U
Hexachlorocyclopentadiene	77-47-4	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U
Hexachloroethane	67-72-1	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U
Indeno(1,2,3-cd)pyrene	193-39-5	ug/l	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
Isophorone	78-59-1	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U
N-Nitroso-di-N-propylamine	621-64-7	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U
N-Nitrosodiphenylamine	86-30-6	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U
Naphthalene	91-20-3	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U

APPENDIX A
GROUNDWATER DATA
JCI - FOWLERVILLE

		Location ID:	MW-0S3C	MW-0S3C	MW-10	MW-10	MW-11	MW-11	MW-12	MW-13	MW-13	MW-13C	MW-13C	MW-13C	MW-14	MW-14	MW-14	MW-14C	MW-14C	MW-15
		Field ID:	MW-0S3C- 110503-01	MW-0S3C-110503-02	MW10-100103-01	MW10-110503-01	MW11-091003-01	MW11-110503-01	MW12-091003-01	MW-13-091103-01	MW-13-110403-01	MW13C-091103-01	MW-13C-110403-01	MW-13C 110403-02	MW14-093003-01	MW14-100603-01	MW14-110503-01	MW14C-093003-01	MW14C-110503-01	MW15-091103-01
		Date Sampled:	11/5/03	11/5/03	10/1/03	11/5/03	9/10/03	11/5/03	9/10/03	9/11/03	11/4/03	9/11/03	11/4/03	11/4/03	9/30/03	10/6/03	11/5/03	9/30/03	11/5/03	9/11/03
Parameter	CAS #	Units																		
Nitrobenzene	98-95-3	ug/l	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
p-Chloro-m-cresol	59-50-7	ug/l	5 U	5 U	1.4 J	5 U	0.7 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U
Pentachlorophenol	87-86-5	ug/l	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
Phenanthrene	85-01-8	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	0.094
Phenol	108-95-2	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U
Pyrene	129-00-0	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---	5 U	5 U	5 U	5 U
PCB-1016	12674-11-2	ug/l	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
PCB-1221	11104-28-2	ug/l	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
PCB-1232	11141-16-5	ug/l	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
PCB-1242	53469-21-9	ug/l	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
PCB-1248	12672-29-6	ug/l	0.2 U	0.2 U	0.2 U	0.2 U	0.088 J	0.16 J	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
PCB-1254	11097-69-1	ug/l	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
PCB-1260	11096-82-5	ug/l	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
Arsenic, Total	7440-38-2	mg/l	0.0017	0.0017	0.0058	0.0051	0.0076	0.0072	0.0067	0.0006	0.0009 J	0.0014	0.0007 J	0.0007 J	0.0019	---	0.0055	0.0052	0.0058	0.0069
Barium, Total	7440-39-3	mg/l	0.05	0.049	0.186	0.174	0.139	0.284	0.162	0.152	0.164	0.041	0.038	0.037	0.125	---	0.173	0.088	0.07	0.286
Cadmium, Total	7440-43-9	mg/l	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0001 J	0.0002 U	0.0001	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	---	0.0001 J	0.0001 J	0.0002 U	0.0001
Chromium, Total	7440-47-3	mg/l	0.0014 J	0.0015 J	0.005 U	0.0016 J	0.0007 J	0.0019 J	0.0007 J	0.0006	0.0007 J	0.0008	0.0005 J	0.005 U	0.0006 J	---	0.0016 J	0.0007 J	0.0012 J	0.0008
Copper, Total	7440-50-8	mg/l	0.0036 J	0.0036 J	0.001 J	0.0015 J	0.002 J	0.006	0.0008 J	0.0014	0.005 U	0.0007	0.0036 J	0.0036 J	0.0035 J	---	0.0023 J	0.0016 J	0.0016 J	0.0012
Lead, Total	7439-92-1	mg/l	0.001 U	0.001 U	0.001 U	0.001 U	0.0007 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0004 J	---	0.0004 J	0.001 U	0.001 U	0.001 U
Mercury, Total	7439-97-6	mg/l	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	---	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel, Total	7440-02-0	mg/l	0.0031 J	0.0031 J	0.0074	0.0078	0.0028 J	0.0091	0.0011 J	0.0007	0.0037 J	0.0038	0.0021 J	0.0019 J	0.0082	---	0.0075	0.0036 J	0.0027 J	0.0022
Selenium, Total	7782-49-2	mg/l	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0007 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	---	0.001 U	0.0011	0.001 U	0.0009
Silver, Total	7440-22-4	mg/l	0.0002 U	0.0002 U	0.0002 U	0.0002 U	5e-005 J	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	---	0.0002 U	4.4e-005 J	0.00008 J	0.0002 U
Zinc, Total	7440-66-6	mg/l	0.0056 J	0.012	0.0088 J	0.014	0.0094 J	0.175	0.0095 J	0.0082	0.0074 J	0.0049	0.0026 J	0.0046 J	0.0069 J	---	0.0075 J	0.0074 J	0.0041 J	0.0063
Arsenic, Dissolved	7440-38-2	mg/l	---	---	---	---	---	---	---	---	---	0.0012	---	---	---	---	---	---	---	---
Barium, Dissolved	7440-39-3	mg/l	---	---	---	---	---	---	---	---	---	0.043	---	---	---	---	---	---	---	---
Cadmium, Dissolved	7440-43-9	mg/l	---	---	---	---	---	---	---	---	---	0.0002 U	---	---	---	---	---	---	---	---
Chromium, Dissolved	7440-47-3	mg/l	---	---	---	---	---	---	---	---	---	0.0006	---	---	---	---	---	---	---	---
Chromium, Hexavalent- Dissolve	18540-29-9	mg/l	0.002 J	0.005 U	0.004 J	0.002 J	0.006	0.004 J	0.002 J	0.005 U	0.008	0.005 U	0.002 J	0.002 J	0.0006 U	---	0.009	0.005 U	0.003 J	0.005 U
Copper, Dissolved	7440-50-8	mg/l	---	---	---	---	---	---	---	---	---	0.0008	---	---	---	---	---	---	---	---
Lead, Dissolved	7439-92-1	mg/l	---	---	---	---	---	---	---	---	---	0.001 U	---	---	---	---	---	---	---	---
Mercury, Dissolved	7439-97-6	mg/l	---	---	---	---	---	---	---	---	---	0.0002 U	---	---	---	---	---	---	---	---
Nickel, Dissolved	7440-02-0	mg/l	---	---	---	---	---	---	---	---	---	0.0037	---	---	---	---	---	---	---	---
Selenium, Dissolved	7782-49-2	mg/l	---	---	---	---	---	---	---	---	---	0.001 U	---	---	---	---	---	---	---	---
Silver, Dissolved	7440-22-4	mg/l	---	---	---	---	---	---	---	---	---	0.0002 U	---	---	---	---	---	---	---	---
Zinc, Dissolved	7440-66-6	mg/l	---	---	---	---	---	---	---	---	---	0.007	---	---	---	---	---	---	---	---
Cyanide, Free	57-12-5	mg/l	0.007	0.005	0.005	0.004	0.005 U	0.008	0.005 U	0.005 U	0.01	0.005 U	0.008	0.006	0.01	0.005 U	0.01	0.005 U	0.006	0.005 U
Cyanide, Total	57-12-5	mg/l	---	---	---	---	0.005 U	---	0.005 U	0.005 U	---	0.005 U	---	---	---	---	---	---	---	0.005 U

NOTES:
U = Non-detect, value is reporting limit
J = Estimated value below reporting limit
NA = Parameter not analyzed
B = Blank qualified result
--- = Parameter not analyzed

APPENDIX A
GROUNDWATER DATA
JCI - FOWLERVILLE

		Location ID:	MW-15	MW-15C	MW-15C	MW-15C	MW-17	MW-17	MW-18	MW-18	MW-19	MW-19	MW-19	MW-20	MW-20	MW-21	MW-22	MW-22	MW-23	MW-23	MW-23
		Field ID:	MW-15-110303-01	MW15C-091103-01	MW15C-091103-02	MW-15C-110303-01	MW17-100203-01	MW17-110403-01	MW18-100103-01	MW-18-110403-01	MW19-100303-01	MW19-100303-02	MW19-110403-01	MW20-100303-01	MW-20-110403-01	MW21-010804-01	MW22-100201-01	MW-22-110303-01	MW23-100303-01	MW23-100303-02	MW-23-110303-01
		Date Sampled:	11/3/03	9/11/03	9/11/03	11/3/03	10/2/03	11/4/03	10/1/03	11/4/03	10/3/03	10/3/03	11/4/03	10/3/03	11/4/03	1/8/04	10/2/03	11/3/03	10/3/03	10/3/03	11/3/03
Parameter	CAS #	Units																			
1,1,1,2-Tetrachloroethane	630-20-6	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	71-55-6	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	79-34-5	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	79-00-5	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	75-34-3	ug/l	1 U	1 U	1 U	1 U	5.6	6.4	0.37 J	0.39 J	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	75-35-4	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloropropylene	563-58-6	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	87-61-6	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	96-18-4	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	120-82-1	ug/l	5 U	5 U	5 U	5 U	5 U	25 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	95-63-6	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	96-12-8	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	95-50-1	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	107-06-2	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	78-87-5	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	108-67-8	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	541-73-1	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane	142-28-9	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	106-46-7	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane	594-20-7	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
2-Chlorotoluene	95-49-8	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	591-78-6	ug/l	50 U	50 U	50 U	50 U	50 U	250 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
4-Chlorotoluene	106-43-4	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
4-Isopropyltoluene	99-87-6	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone	108-10-1	ug/l	50 U	50 U	50 U	50 U	50 U	250 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
Acetone	67-64-1	ug/l	25 U	25 U	25 U	25 U	25 U	130 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
Benzene	71-43-2	ug/l	1 U	1 U	1 U	1 U	0.34 J	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	0.57 J	0.53 J	1 U	1 U	1 U
Bromobenzene	108-86-1	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	74-97-5	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
Bromoform	75-25-2	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	74-83-9	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	75-15-0	ug/l	5 U	5 U	5 U	5 U	5 U	25 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	56-23-5	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	108-90-7	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	9	7.5	1 U	1 U	1 U
Chloroethane	75-00-3	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
Chloroform	67-66-3	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	74-87-3	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	156-59-2	ug/l	0.43 J	1 U	1 U	1 U	160	410	14	12	1 U	1 U	1 U	1 U	1 U	1.0 U	0.61 J	0.27 J	1 U	1 U	1 U
cis-1,3-Dichloropropene	10061-01-5	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	124-48-1	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	74-95-3	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
Dichlorobromomethane	75-27-4	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	75-71-8	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	100-41-4	ug/l	1 U	1 U	1 U	0.13 J	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
Ethylene dibromide	106-93-4	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	87-68-3	ug/l	1 U	1 U	1 U	1 U	5 U	5 U	1 U	1 U	5 U	5 U	1 U	5 U	1 U	1.0 U	5 U	1 U	5 U	5 U	1 U
Isopropylbenzene	98-82-8	ug/l	5 U	5 U	5 U	5 U	5 U	25 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U
Methyl ethyl ketone	78-93-3	ug/l	25 U	25 U	25 U	25 U	25 U	130 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
Methyl tert butyl ether	1634-04-4	ug/l	5 U	5 U	5 U	5 U	5 U	25 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U
Methylene chloride	75-09-2	ug/l	0.33 J	5 U	5 U	0.39 J	5 U	5.1 J	5 U	0.2 J	5 U	5 U	0.3 J	5 U	0.44 J	5.0 U	5 U	0.18 J	5 U	5 U	0.25 J
n-Butylbenzene	104-51-8	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
n-Propylbenzene	103-65-1	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	91-20-3	ug/l	5 U	5 U	5 U	5 U	5 U	25 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U
o-Xylene	95-47-6	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
sec-Butylbenzene	135-98-8	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
Styrene	100-42-5	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
tert-Butylbenzene	98-06-6	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	127-18-4	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
Toluene	108-88-3	ug/l	1 U	1 U	1 U	0.11 J	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	0.14 J	1 U	1 U	1 U
trans-1,2-Dichloroethylene	156-60-5	ug/l	1 U	1 U	1 U	1 U	8.1	140	2	1.8	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	10061-02-6	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	79-01-6	ug/l	1 U	1 U	1 U	1 U	26	300	6.4	5.6	1 U	1 U	1 U	1 U	1 U	1.0 U	0.6 J	1 U	1 U	1 U	1 U
Trichlorofluoromethane	75-69-4	ug/l	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U

APPENDIX A
GROUNDWATER DATA
JCI - FOWLERVILLE

		Location ID:	MW-15	MW-15C	MW-15C	MW-15C	MW-17	MW-17	MW-18	MW-18	MW-19	MW-19	MW-19	MW-20	MW-20	MW-21	MW-22	MW-22	MW-23	MW-23	MW-23
		Field ID:	MW-15-110303-01	MW15C-091103-01	MW15C-091103-02	MW-15C-110303-01	MW17-100203-01	MW17-110403-01	MW18-100103-01	MW-18-110403-01	MW19-100303-01	MW19-100303-02	MW19-110403-01	MW20-100303-01	MW-20-110403-01	MW21-010804-01	MW22-100201-01	MW-22-110303-01	MW23-100303-01	MW23-100303-02	MW-23-110303-01
		Date Sampled:	11/3/03	9/11/03	9/11/03	11/3/03	10/2/03	11/4/03	10/1/03	11/4/03	10/3/03	10/3/03	11/4/03	10/3/03	11/4/03	1/8/04	10/2/03	11/3/03	10/3/03	10/3/03	11/3/03
Parameter	CAS #	Units																			
Vinyl chloride	75-01-4	ug/l	1 U	1 U	1 U	1 U	84	330	16	14	9	9.2	7.5	1 U	1 U	1.0 U	1 U	1 U	3.8	3.7	3.1
Xylene, Meta + Para	Not Applicable	ug/l	0.42 J	2 U	2 U	0.47 J	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2.0 U	2 U	0.36 J	2 U	2 U	2 U
1,2,4-Trichlorobenzene	120-82-1	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene	95-50-1	ug/l	1 U	1 U	1 U	1 U	0.47 J	0.65 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	541-73-1	ug/l	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	1.0 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	106-46-7	ug/l	1 U	1 U	1 U	1 U	0.055 J	0.078 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U
2,4,5-Trichlorophenol	95-95-4	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	88-06-2	ug/l	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4.0 U	4 U	4 U	4 U	4 U	4 U
2,4-Dichlorophenol	120-83-2	ug/l	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
2,4-Dimethylphenol	105-67-9	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U
2,4-Dinitrophenol	51-28-5	ug/l	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
2,4-Dinitrotoluene	121-14-2	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	606-20-2	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U
2-Chloronaphthalene	91-58-7	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U
2-Chlorophenol	95-57-8	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U
2-Methylnaphthalene	91-57-6	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U
2-Methylphenol	95-48-7	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U
2-Nitroaniline	88-74-4	ug/l	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
2-Nitrophenol	88-75-5	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U
3,3-Dichlorobenzidine	91-94-1	ug/l	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
3-Nitroaniline	99-09-2	ug/l	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
4,6-Dinitro-2-methylphenol	534-52-1	ug/l	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
4-Bromophenyl-phenylether	101-55-3	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U
4-Chloroaniline	106-47-8	ug/l	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
4-Chlorophenyl-phenylether	7005-72-3	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U
4-Methylphenol	106-44-5	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U
4-Nitroaniline	100-01-6	ug/l	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
4-Nitrophenol	100-02-7	ug/l	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
Acenaphthene	83-32-9	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U
Acenaphthylene	208-96-8	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U
Anthracene	120-12-7	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	0.085 J	0.081 J	5 U	5 U	5 U
Benz(a)anthracene	56-55-3	ug/l	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	1.0 U	1 U	1 U	1 U	1 U	1 U
Benzidine	92-87-5	ug/l	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
Benzo(a)pyrene	50-32-8	ug/l	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	2.0 U	2 U	2 U	2 U	2 U	2 U
Benzo(b)fluoranthene	205-99-2	ug/l	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	2.0 U	2 U	2 U	2 U	2 U	2 U
Benzo(g,h,i)perylene	191-24-2	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U
Benzo(k)fluoranthene	207-08-9	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U
Benzoic acid	65-85-0	ug/l	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	0.59 J	50 U	50 U	50 U	50 U	50 U	50 U
Benzyl alcohol	100-51-6	ug/l	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	0.11 J	50 U	50 U	50 U
bis(2-Chloroethoxy)methane	111-91-1	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U
bis(2-Chloroethyl)ether	111-44-4	ug/l	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	1.0 U	1 U	1 U	1 U	1 U	1 U
bis(2-Chloroisopropyl)ether	108-60-1	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/l	5 U	0.33	0.28	5 U	0.22 J	0.44 J	0.51 J	5 U	0.24 J	0.26 J	0.44 J	0.47 J	0.45 J	5.0 U	0.46 J	0.78 J	0.36 J	0.32 J	0.49 J
Butyl benzyl phthalate	85-68-7	ug/l	5 U	5 U	5 U	5 U	0.056 J	5 U	5 U	5 U	0.051 J	5 U	5 U	0.17 J	5 U	5.0 U	0.2 J	5 U	0.057 J	0.062 J	5 U
Carbazole	86-74-8	ug/l	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
Chrysene	218-01-9	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U
Di-N-Butyl phthalate	84-74-2	ug/l	2.9 J	5 U	5 U	3.1 J	0.62 J	15	0.56 J	0.9 J	0.5 J	0.33 J	2 J	0.81 J	3.4 J	0.82	1.1 J	2.7 J	0.42 J	0.3 J	1.7 J
Di-N-Octyl phthalate	117-84-0	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	0.033 J	5 U	5 U	5 U	5 U
Dibenz(a,h)anthracene	53-70-3	ug/l	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	2.0 U	2 U	2 U	2 U	2 U	2 U
Dibenzofuran	132-64-9	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U
Diethylphthalate	84-66-2	ug/l	0.29 J	0.18	0.15	0.2 J	5 U	0.26 J	0.16 J	0.22 J	5 U	5 U	0.22 J	0.22 J	0.48 J	0.22 J	5 U	0.46 J	0.093 J	0.093 J	0.2 J
Dimethyl phthalate	131-11-3	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U
Fluoranthene	206-44-0	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	0.16 J	0.15 J	5 U	5 U	5 U
Fluorene	86-73-7	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U
Hexachlorobenzene	118-74-1	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U
Hexachlorobutadiene	87-68-3	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U
Hexachlorocyclopentadiene	77-47-4	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U
Hexachloroethane	67-72-1	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U
Indeno(1,2,3-cd)pyrene	193-39-5	ug/l	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	2.0 U	2 U	2 U	2 U	2 U	2 U
Isophorone	78-59-1	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U
N-Nitroso-di-N-propylamine	621-64-7	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U
N-Nitrosodiphenylamine	86-30-6	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	91-20-3	ug/l	5 U	5 U	5 U	5 U	5 U	0.049 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5 U

APPENDIX A
GROUNDWATER DATA
JCI - FOWLERVILLE

		Location ID:	MW-15	MW-15C	MW-15C	MW-15C	MW-17	MW-17	MW-18	MW-18	MW-19	MW-19	MW-19	MW-20	MW-20	MW-21	MW-22	MW-22	MW-23	MW-23	MW-23
		Field ID:	MW-15-110303-01	MW15C-091103-01	MW15C-091103-02	MW-15C-110303-01	MW17-100203-01	MW17-110403-01	MW18-100103-01	MW-18-110403-01	MW19-100303-01	MW19-100303-02	MW19-110403-01	MW20-100303-01	MW-20-110403-01	MW21-010804-01	MW22-100201-01	MW-22-110303-01	MW23-100303-01	MW23-100303-02	MW-23-110303-01
		Date Sampled:	11/3/03	9/11/03	9/11/03	11/3/03	10/2/03	11/4/03	10/1/03	11/4/03	10/3/03	10/3/03	11/4/03	10/3/03	11/4/03	1/8/04	10/2/03	11/3/03	10/3/03	10/3/03	11/3/03
Parameter	CAS #	Units																			
Nitrobenzene	98-95-3	ug/l	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	2.0 U	2 U	2 U	2 U	2 U	2 U
p-Chloro-m-cresol	59-50-7	ug/l	5 U	5 U	5 U	5 U	0.54 J	5 U	1 J	5 U	0.26 J	0.28 J	5 U	5 U	0.19 J	5.0 U	5 U	0.18 J	5 U	0.3 J	5 U
Pentachlorophenol	87-86-5	ug/l	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
Phenanthrene	85-01-8	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	0.22 J	0.26 J	5 U	5 U	5 U
Phenol	108-95-2	ug/l	0.03 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.030 J	5 U	0.12 J	5 U	5 U	0.025 J
Pyrene	129-00-0	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	0.18 J	0.057 J	5 U	5 U	5 U
PCB-1016	12674-11-2	ug/l	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	0.20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
PCB-1221	11104-28-2	ug/l	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	0.20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
PCB-1232	11141-16-5	ug/l	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	0.20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
PCB-1242	53469-21-9	ug/l	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	0.20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
PCB-1248	12672-29-6	ug/l	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	0.20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
PCB-1254	11097-69-1	ug/l	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	0.20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
PCB-1260	11096-82-5	ug/l	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	0.20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Arsenic, Total	7440-38-2	mg/l	0.0065	0.0026	0.0026	0.0025	0.0021	0.0017	0.0012	0.001	0.0049	0.0048	0.0037	0.0016	0.0028	0.0022	0.161	0.131	0.0086	0.0075	0.011
Barium, Total	7440-39-3	mg/l	0.212	0.053	0.054	0.051	0.17	0.213	0.129	0.124	0.392	0.387	0.382	0.407	0.537	0.413	0.333	0.31	0.161	0.162	0.173
Cadmium, Total	7440-43-9	mg/l	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.00019 J	0.0002 U	0.0002 U	7e-005 J	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0003	0.0002 U	0.0002 U	8e-005 J	0.0002 U	0.0002 U
Chromium, Total	7440-47-3	mg/l	0.005 U	0.0005	0.0007	0.005 U	0.0013 J	0.005 U	0.0013 J	0.0017 J	0.005 U	0.005 U	0.005 U	0.0007 J	0.0005 J	0.0007 J	0.0016 J	0.0006 J	0.0006 J	0.005 U	0.005 U
Copper, Total	7440-50-8	mg/l	0.005 U	0.0028	0.0028	0.0015 J	0.0026 J	0.0016 J	0.103	0.078	0.0009 J	0.0011 J	0.0006 J	0.0022 J	0.032	0.0012 J	0.002 J	0.001 J	0.001 J	0.0009 J	0.0035 J
Lead, Total	7439-92-1	mg/l	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0003 J	0.001 U	0.001 U	0.001 U	0.00023 J	0.001 U	0.001 U
Mercury, Total	7439-97-6	mg/l	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	---	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel, Total	7440-02-0	mg/l	0.00497 J	0.0031	0.0034	0.0016 J	0.04	0.035	0.08	0.08	0.0008 J	0.0011 J	0.0037 J	0.0038 J	0.017	0.0008 J	0.0065	0.004 J	0.0007 J	0.0004 J	0.0022 J
Selenium, Total	7782-49-2	mg/l	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0006 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0005 J	0.001 U	0.001 U
Silver, Total	7440-22-4	mg/l	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.00005 J	0.0002 U	0.00005 J	0.00009 J	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Zinc, Total	7440-66-6	mg/l	0.0074 J	0.0068	0.0031	0.0085 J	0.0046 J	0.009 J	0.0082 J	0.013	0.0046 J	0.011	0.013	0.0047 J	0.012	0.0059 J	0.011	0.0083 J	0.0096 J	0.0084 J	0.0071 J
Arsenic, Dissolved	7440-38-2	mg/l	0.0072	---	---	---	---	---	---	---	---	---	---	---	---	0.0026	---	---	---	---	---
Barium, Dissolved	7440-39-3	mg/l	0.222	---	---	---	---	---	---	---	---	---	---	---	---	0.42	---	---	---	---	---
Cadmium, Dissolved	7440-43-9	mg/l	0.00009 J	---	---	---	---	---	---	---	---	---	---	---	---	0.0003	---	---	---	---	---
Chromium, Dissolved	7440-47-3	mg/l	0.005 U	---	---	---	---	---	---	---	---	---	---	---	---	0.005 U	---	---	---	---	---
Chromium, Hexavalent- Dissolve	18540-29-9	mg/l	0.008	0.005 U	0.005 U	0.002 J	0.006	0.007	0.02	0.002 J	0.005 U	0.0008 J	0.006	0.0008 J	0.009	0.005 U	0.02	0.02	0.005	0.004 J	0.006
Copper, Dissolved	7440-50-8	mg/l	0.0006 J	---	---	---	---	---	---	---	---	---	---	---	---	0.0029 J	---	---	---	---	---
Lead, Dissolved	7439-92-1	mg/l	0.001 U	---	---	---	---	---	---	---	---	---	---	---	---	0.001 U	---	---	---	---	---
Mercury, Dissolved	7439-97-6	mg/l	0.0002 U	---	---	---	---	---	---	---	---	---	---	---	---	0.0002 U	---	---	---	---	---
Nickel, Dissolved	7440-02-0	mg/l	0.0007 J	---	---	---	---	---	---	---	---	---	---	---	---	0.0008 J	---	---	---	---	---
Selenium, Dissolved	7782-49-2	mg/l	0.001 U	---	---	---	---	---	---	---	---	---	---	---	---	0.001 U	---	---	---	---	---
Silver, Dissolved	7440-22-4	mg/l	0.0002 U	---	---	---	---	---	---	---	---	---	---	---	---	0.00008 J	---	---	---	---	---
Zinc, Dissolved	7440-66-6	mg/l	0.0099 J	---	---	---	---	---	---	---	---	---	---	---	---	0.009 J	---	---	---	---	---
Cyanide, Free	57-12-5	mg/l	0.03	0.005 U	0.005 U	0.01	0.02	0.01	0.07	0.04	0.005	0.0022	0.008	0.01	0.005 U	0.005 U	0.0025	0.009	0.004	0.005 U	0.006
Cyanide, Total	57-12-5	mg/l	---	0.005 U	0.005 U	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

NOTES:
U = Non-detect, value is reporting limit
J = Estimated value below reporting limit
NA = Parameter not analyzed
B = Blank qualified result
--- = Parameter not analyzed

APPENDIX A
GROUNDWATER DATA
JCI - FOWLERVILLE

		Location ID:	MW-25	MW-25	MW-26	MW-26	MW-27	MW-27C	MW-28	MW-28C	MW-29	MW-29C	MW-29C	MW-A2	MW-B1	MW-B2	MW-B4	MW-BCK1	MW-BCK2	MW-BCK3	MW-C2
		Field ID:	MW25-100203-01	MW25-110503-01	MW26-100203-01	MW26-110403-01	MW27-122903-01	MW-27C-122903-01	MW28-122903-01	MW28C-122903-01	MW29-123003-01	MW29C-123003-01	MW29C-123003-02	MWA2-100303-01	MWB1-100203-01	MWB2-100203-01	MWB4-100203-01	MW-BCK-1-100103-01	MW-BCK-2-100103-01	MW-BCK-3-100103-01	MWC2-100203-01
		Date Sampled:	10/2/03	11/5/03	10/2/03	11/4/03	12/29/03	12/29/03	12/29/03	12/29/03	12/30/03	12/30/03	12/30/03	10/3/03	10/2/03	10/2/03	10/2/03	10/1/03	10/1/03	10/1/03	10/2/03
Parameter	CAS #	Units																			
1,1,1,2-Tetrachloroethane	630-20-6	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	71-55-6	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	79-34-5	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	79-00-5	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	75-34-3	ug/l	10 U	10 U	1	0.9 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	7.4	1 U	0.89 J	1 U	1 U	1 U	1 U
1,1-Dichloroethene	75-35-4	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	5	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloropropylene	563-58-6	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	87-61-6	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	0.41 J	0.21 J	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	96-18-4	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	120-82-1	ug/l	50 U	50 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	0.31 J	5.0 U	5.0 U	5 U	25 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	95-63-6	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	96-12-8	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	95-50-1	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	107-06-2	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	78-87-5	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	108-67-8	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	541-73-1	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane	142-28-9	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	106-46-7	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane	594-20-7	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Chlorotoluene	95-49-8	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	591-78-6	ug/l	500 U	500 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	250 U	50 U	50 U	50 U	50 U	50 U	50 U
4-Chlorotoluene	106-43-4	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Isopropyltoluene	99-87-6	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone	108-10-1	ug/l	500 U	500 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	250 U	50 U	50 U	50 U	50 U	50 U	50 U
Acetone	67-64-1	ug/l	250 U	250 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	130 U	25 U	25 U	25 U	25 U	25 U	25 U
Benzene	71-43-2	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene	108-86-1	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	74-97-5	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	75-25-2	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	74-83-9	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	75-15-0	ug/l	50 U	50 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	25 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	56-23-5	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	108-90-7	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	75-00-3	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	67-66-3	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	74-87-3	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	156-59-2	ug/l	440	310	28	28	1.0 U	1.0 U	1.0 U	0.14 J	1.0 U	1.0 U	1.0 U	1 U	450	1	3.7	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	10061-01-5	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	124-48-1	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	74-95-3	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorobromomethane	75-27-4	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	75-71-8	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	100-41-4	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylene dibromide	106-93-4	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	87-68-3	ug/l	50 U	10 U	5 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5 U	25 U	5 U	5 U	1 U	1 U	1 U	5 U
Isopropylbenzene	98-82-8	ug/l	50 U	50 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	25 U	5 U	5 U	5 U	5 U	5 U	5 U
Methyl ethyl ketone	78-93-3	ug/l	250 U	250 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	130 U	25 U	25 U	25 U	25 U	25 U	25 U
Methyl tert butyl ether	1634-04-4	ug/l	50 U	50 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	25 U	5 U	5 U	5 U	5 U	5 U	5 U
Methylene chloride	75-09-2	ug/l	50 U	11 J	5 U	0.27 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	25 U	5 U	5 U	5 U	5 U	5 U	5 U
n-Butylbenzene	104-51-8	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	0.22 J	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
n-Propylbenzene	103-65-1	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	91-20-3	ug/l	50 U	50 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	25 U	5 U	5 U	5 U	5 U	5 U	5 U
o-Xylene	95-47-6	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
sec-Butylbenzene	135-98-8	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	0.10 J	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	100-42-5	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
tert-Butylbenzene	98-06-6	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	127-18-4	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	108-88-3	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	0.12 J	1.0 U	1.0 U	1.0 U	1 U	5 U	1 U	0.13 J	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethylene	156-60-5	ug/l	220	150	1.3	0.99 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	120	1 U	0.74 J	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	10061-02-6	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	79-01-6	ug/l	1800	1200	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	280	1 U	0.54 J	1 U	1 U	1 U	1 U
Trichlorofluoromethane	75-69-4	ug/l	10 U	10 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U

APPENDIX A
GROUNDWATER DATA
JCI - FOWLERVILLE

		Location ID:	MW-25	MW-25	MW-26	MW-26	MW-27	MW-27C	MW-28	MW-28C	MW-29	MW-29C	MW-29C	MW-A2	MW-B1	MW-B2	MW-B4	MW-BCK1	MW-BCK2	MW-BCK3	MW-C2
		Field ID:	MW25-100203-01	MW25-110503-01	MW26-100203-01	MW26-110403-01	MW27-122903-01	MW-27C-122903-01	MW28-122903-01	MW28C-122903-01	MW29-123003-01	MW29C-123003-01	MW29C-123003-02	MWA2-100303-01	MWB1-100203-01	MWB2-100203-01	MWB4-100203-01	MW-BCK-1-100103-01	MW-BCK-2-100103-01	MW-BCK-3-100103-01	MWC2-100203-01
		Date Sampled:	10/2/03	11/5/03	10/2/03	11/4/03	12/29/03	12/29/03	12/29/03	12/29/03	12/30/03	12/30/03	12/30/03	10/3/03	10/2/03	10/2/03	10/2/03	10/1/03	10/1/03	10/1/03	10/2/03
Parameter	**CAS #**	**Units**																			
Vinyl chloride	75-01-4	ug/l	8.1 J	6.4 J	21	34	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	250	38	0.33 J	1 U	1 U	1 U	1 U
Xylene, Meta + Para	Not Applicable	ug/l	20 U	20 U	2 U	2 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2,4-Trichlorobenzene	120-82-1	ug/l	5 U	5 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene	95-50-1	ug/l	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	0.37 J	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	541-73-1	ug/l	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	106-46-7	ug/l	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,4,5-Trichlorophenol	95-95-4	ug/l	5 U	5 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	88-06-2	ug/l	4 U	4 U	4 U	4 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U
2,4-Dichlorophenol	120-83-2	ug/l	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
2,4-Dimethylphenol	105-67-9	ug/l	5 U	5 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dinitrophenol	51-28-5	ug/l	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
2,4-Dinitrotoluene	121-14-2	ug/l	5 U	5 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	606-20-2	ug/l	5 U	5 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chloronaphthalene	91-58-7	ug/l	5 U	5 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorophenol	95-57-8	ug/l	5 U	5 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Methylnaphthalene	91-57-6	ug/l	5 U	5 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Methylphenol	95-48-7	ug/l	5 U	5 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.073 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Nitroaniline	88-74-4	ug/l	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
2-Nitrophenol	88-75-5	ug/l	5 U	5 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
3,3-Dichlorobenzidine	91-94-1	ug/l	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
3-Nitroaniline	99-09-2	ug/l	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
4,6-Dinitro-2-methylphenol	534-52-1	ug/l	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
4-Bromophenyl-phenylether	101-55-3	ug/l	5 U	5 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chloroaniline	106-47-8	ug/l	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
4-Chlorophenyl-phenylether	7005-72-3	ug/l	5 U	5 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Methylphenol	106-44-5	ug/l	5 U	5 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.12 J	5 U	5 U	2 J	5 U	5 U	5 U	5 U
4-Nitroaniline	100-01-6	ug/l	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
4-Nitrophenol	100-02-7	ug/l	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
Acenaphthene	83-32-9	ug/l	5 U	5 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acenaphthylene	208-96-8	ug/l	5 U	5 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Anthracene	120-12-7	ug/l	5 U	5 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benz(a)anthracene	56-55-3	ug/l	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzidine	92-87-5	ug/l	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
Benzo(a)pyrene	50-32-8	ug/l	2 U	2 U	2 U	2 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Benzo(b)fluoranthene	205-99-2	ug/l	2 U	2 U	2 U	2 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Benzo(g,h,i)perylene	191-24-2	ug/l	5 U	5 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzo(k)fluoranthene	207-08-9	ug/l	5 U	5 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzoic acid	65-85-0	ug/l	50 U	50 U	50 U	0.52 J	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	120	50 U	50 U	50 U	50 U
Benzyl alcohol	100-51-6	ug/l	50 U	50 U	50 U	50 U	0.12 J	0.055 J	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
bis(2-Chloroethoxy)methane	111-91-1	ug/l	5 U	5 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
bis(2-Chloroethyl)ether	111-44-4	ug/l	1 U	1 U	1 U	1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bis(2-Chloroisopropyl)ether	108-60-1	ug/l	5 U	5 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/l	0.59 J	5 U	0.29 J	0.31 J	0.54 J	3.7 J	0.55 J	2.6 J	0.49 J	0.40 J	0.65 J	0.41 J	0.31 J	0.3 J	5 U	0.5 J	0.56 J	0.51 J	0.37 J
Butyl benzyl phthalate	85-68-7	ug/l	0.21 J	5 U	0.085 J	5 U	5.0 U	0.66 J	5.0 U	0.56 J	5.0 U	0.23 J	0.29 J	0.17 J	5 U	5 U	5 U	0.065 J	5 U	0.073 J	5 U
Carbazole	86-74-8	ug/l	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
Chrysene	218-01-9	ug/l	5 U	5 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Di-N-Butyl phthalate	84-74-2	ug/l	1.2 J	1.1 J	0.72 J	12	16	14	12	12	0.85 J	1.0 J	1.1 J	0.41 J	0.5 J	0.71 J	5 U	0.82 J	1.5 J	2.4 J	1 J
Di-N-Octyl phthalate	117-84-0	ug/l	5 U	5 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.061 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dibenz(a,h)anthracene	53-70-3	ug/l	2 U	2 U	2 U	2 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Dibenzofuran	132-64-9	ug/l	5 U	5 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Diethylphthalate	84-66-2	ug/l	0.14 J	0.25 J	0.11 J	0.23 J	0.22 J	0.19 J	0.19 J	0.22 J	0.16 J	0.15 J	0.16 J	0.079 J	0.11 J	0.076 J	5 U	0.12 J	0.11 J	0.1 J	0.096 J
Dimethyl phthalate	131-11-3	ug/l	5 U	5 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Fluoranthene	206-44-0	ug/l	5 U	5 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Fluorene	86-73-7	ug/l	5 U	5 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Hexachlorobenzene	118-74-1	ug/l	5 U	5 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Hexachlorobutadiene	87-68-3	ug/l	5 U	5 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Hexachlorocyclopentadiene	77-47-4	ug/l	5 U	5 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Hexachloroethane	67-72-1	ug/l	5 U	5 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Indeno(1,2,3-cd)pyrene	193-39-5	ug/l	2 U	2 U	2 U	2 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Isophorone	78-59-1	ug/l	5 U	5 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
N-Nitroso-di-N-propylamine	621-64-7	ug/l	5 U	5 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
N-Nitrosodiphenylamine	86-30-6	ug/l	5 U	5 U	5 U	5 U	5.0 U	0.14 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	91-20-3	ug/l	5 U	5 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U

APPENDIX A
GROUNDWATER DATA
JCI - FOWLERVILLE

		Location ID:	MW-25	MW-25	MW-26	MW-26	MW-27	MW-27C	MW-28	MW-28C	MW-29	MW-29C	MW-29C	MW-A2	MW-B1	MW-B2	MW-B4	MW-BCK1	MW-BCK2	MW-BCK3	MW-C2
		Field ID:	MW25-100203-01	MW25-110503-01	MW26-100203-01	MW26-110403-01	MW27-122903-01	MW-27C-122903-01	MW28-122903-01	MW28C-122903-01	MW29-123003-01	MW29C-123003-01	MW29C-123003-02	MWA2-100303-01	MWB1-100203-01	MWB2-100203-01	MWB4-100203-01	MW-BCK-1-100103-01	MW-BCK-2-100103-01	MW-BCK-3-100103-01	MWC2-100203-01
		Date Sampled:	10/2/03	11/5/03	10/2/03	11/4/03	12/29/03	12/29/03	12/29/03	12/29/03	12/30/03	12/30/03	12/30/03	10/3/03	10/2/03	10/2/03	10/2/03	10/1/03	10/1/03	10/1/03	10/2/03
Parameter	**CAS #**	**Units**																			
Nitrobenzene	98-95-3	ug/l	2 U	2 U	2 U	2 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
p-Chloro-m-cresol	59-50-7	ug/l	1 J	5 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	0.53 J	0.62 J	5 U	1.5 J	1.5 J	5 U	5 U
Pentachlorophenol	87-86-5	ug/l	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
Phenanthrene	85-01-8	ug/l	5 U	5 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Phenol	108-95-2	ug/l	5 U	5 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	2 J	5 U	5 U	5 U	5 U
Pyrene	129-00-0	ug/l	5 U	5 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
PCB-1016	12674-11-2	ug/l	0.2 U	0.2 U	0.2 U	0.2 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 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
PCB-1221	11104-28-2	ug/l	0.2 U	0.2 U	0.2 U	0.2 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 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
PCB-1232	11141-16-5	ug/l	0.2 U	0.2 U	0.2 U	0.2 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 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
PCB-1242	53469-21-9	ug/l	0.2 U	0.2 U	0.2 U	0.2 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 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
PCB-1248	12672-29-6	ug/l	0.2 U	0.2 U	0.2 U	0.2 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 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
PCB-1254	11097-69-1	ug/l	0.2 U	0.2 U	0.2 U	0.2 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 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
PCB-1260	11096-82-5	ug/l	0.2 U	0.2 U	0.2 U	0.2 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 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
Arsenic, Total	7440-38-2	mg/l	0.0038	0.0035	0.0081	0.0059	0.0018	0.0017	0.0024	0.0078	0.0028	0.002	0.002	0.0074	0.0074	0.02	0.0023	0.013	0.011	0.0052	0.0026
Barium, Total	7440-39-3	mg/l	0.077	0.067	0.355	0.326	0.077	0.082	0.175	0.128	0.123	0.089	0.087	0.155	0.22	0.158	0.149	0.125	0.186	0.129	0.167
Cadmium, Total	7440-43-9	mg/l	0.0002 U	0.0008	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	9e-005 J	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.00014 J	0.0002 U
Chromium, Total	7440-47-3	mg/l	0.0017 J	0.0016 J	0.0015 J	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.001 J	0.005 U	0.005 U	0.0024 J	0.0035 J	0.0086	0.078	0.005 U	0.0009 J	0.005 U	0.011
Copper, Total	7440-50-8	mg/l	0.022	0.0082	0.0035 J	0.0009 J	0.0023 J	0.0009 J	0.001 J	0.0016 J	0.0015 J	0.0012 J	0.0012 J	0.003 J	0.0025 J	0.0009 J	0.0037 J	0.005 U	0.005 U	0.005 U	0.003 J
Lead, Total	7439-92-1	mg/l	0.0014	0.001 U	0.00022 J	0.001 U	0.001 U	0.0004 J	0.0044	0.001 U	0.0006 J	0.001 U	0.001 U	0.0004 J	0.001 U	0.001 U	0.00023 J	0.001 U	0.001 U	0.001 U	0.001 U
Mercury, Total	7439-97-6	mg/l	0.0002 U	0.0002 U	0.0002 U	0.0002 U	---	---	---	---	---	---	---	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel, Total	7440-02-0	mg/l	1.18	1.07	0.029	0.023	0.0041 J	0.0036 J	0.0044 J	0.0019 J	0.0038 J	0.0016 J	0.0014 J	0.0045 J	0.152	0.0059	0.064	0.003 J	0.0035 J	0.003 J	0.03
Selenium, Total	7782-49-2	mg/l	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Silver, Total	7440-22-4	mg/l	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.00009 J	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Zinc, Total	7440-66-6	mg/l	0.0091 J	0.0067 J	0.0097 J	0.0053 J	0.012	0.0091 J	0.0092 J	0.0056 J	0.0096 J	0.0063 J	0.0052 J	0.019	0.093	0.0077 J	0.0077 J	0.0068 J	0.0087 J	0.0069 J	0.0071 J
Arsenic, Dissolved	7440-38-2	mg/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.011	---	---
Barium, Dissolved	7440-39-3	mg/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.181	---	---
Cadmium, Dissolved	7440-43-9	mg/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0002 U	---	---
Chromium, Dissolved	7440-47-3	mg/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0007 J	---	---
Chromium, Hexavalent- Dissolve	18540-29-9	mg/l	0.003 J	0.003 J	0.006	0.009	0.002 J	0.003 J	0.004 J	0.007	0.005 U	0.001 J	0.0008 J	0.005 U	0.004 J	0.002 J	0.002 J	0.005 U	0.005 U	0.003 J	0.002 J
Copper, Dissolved	7440-50-8	mg/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.005 U	---	---
Lead, Dissolved	7439-92-1	mg/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.001 U	---	---
Mercury, Dissolved	7439-97-6	mg/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0002 U	---	---
Nickel, Dissolved	7440-02-0	mg/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0031 J	---	---
Selenium, Dissolved	7782-49-2	mg/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.001 U	---	---
Silver, Dissolved	7440-22-4	mg/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0002 U	---	---
Zinc, Dissolved	7440-66-6	mg/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0086 J	---	---
Cyanide, Free	57-12-5	mg/l	0.005 U	0.003	0.005 U	0.02	0.006	0.006	0.007	0.004	0.005 U	0.008	0.006	0.007	0.0022	0.005 U	0.005 U	0.005	0.005 U	0.003	0.005 U
Cyanide, Total	57-12-5	mg/l	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

NOTES:
U = Non-detect, value is reporting limit
J = Estimated value below reporting limit
NA = Parameter not analyzed
B = Blank qualified result
--- = Parameter not analyzed

APPENDIX A
GROUNDWATER DATA
JCI - FOWLERVILLE

		Location ID:	MW-E2	MW-F2	MW-F5	MW-F5	MW-G1	MW-G4	MW-J2	MW-J3	OS1	OS3	OW16
		Field ID:	MWE2-100303-01	MWF2-100201-01	MWF5-100303-01	MWF5-100303-02	MWG1-100303-01	MWG4-100303-01	MWJ2- 100203 01	MWJ3- 100203 01	OS1- 071703-01	OS3- 071703-01	OW16- 101703 01
		Date Sampled:	10/3/03	10/2/03	10/3/03	10/3/03	10/3/03	10/3/03	10/2/03	10/2/03	7/17/03	7/17/03	10/17/03
Parameter	CAS #	Units											
1,1,1,2-Tetrachloroethane	630-20-6	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	71-55-6	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	79-34-5	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	79-00-5	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	75-34-3	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.5 J	6	1 U
1,1-Dichloroethene	75-35-4	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloropropylene	563-58-6	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	87-61-6	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	96-18-4	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	120-82-1	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	95-63-6	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	96-12-8	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	95-50-1	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	107-06-2	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	78-87-5	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	108-67-8	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	541-73-1	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane	142-28-9	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	106-46-7	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane	594-20-7	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Chlorotoluene	95-49-8	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	591-78-6	ug/l	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
4-Chlorotoluene	106-43-4	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Isopropyltoluene	99-87-6	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone	108-10-1	ug/l	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Acetone	67-64-1	ug/l	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	81
Benzene	71-43-2	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromobenzene	108-86-1	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	74-97-5	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	75-25-2	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	74-83-9	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	75-15-0	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	56-23-5	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	108-90-7	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	75-00-3	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	67-66-3	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	74-87-3	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	156-59-2	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.3	59	1 U
cis-1,3-Dichloropropene	10061-01-5	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	124-48-1	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	74-95-3	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorobromomethane	75-27-4	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	75-71-8	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	100-41-4	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylene dibromide	106-93-4	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	87-68-3	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U
Isopropylbenzene	98-82-8	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methyl ethyl ketone	78-93-3	ug/l	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	26
Methyl tert butyl ether	1634-04-4	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methylene chloride	75-09-2	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.4 J	0.4 J	0.49
n-Butylbenzene	104-51-8	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
n-Propylbenzene	103-65-1	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	91-20-3	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
o-Xylene	95-47-6	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
sec-Butylbenzene	135-98-8	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	100-42-5	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
tert-Butylbenzene	98-06-6	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	127-18-4	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	108-88-3	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethylene	156-60-5	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.3	1 U
trans-1,3-Dichloropropene	10061-02-6	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	79-01-6	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.4 J	1 U
Trichlorofluoromethane	75-69-4	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

APPENDIX A
GROUNDWATER DATA
JCI - FOWLERVILLE

		Location ID:	MW-E2	MW-F2	MW-F5	MW-F5	MW-G1	MW-G4	MW-J2	MW-J3	OS1	OS3	OW16
		Field ID:	MWE2-100303-01	MWF2-100201-01	MWF5-100303-01	MWF5-100303-02	MWG1-100303-01	MWG4-100303-01	MWJ2- 100203 01	MWJ3- 100203 01	OS1- 071703-01	OS3- 071703-01	OW16- 101703 01
		Date Sampled:	10/3/03	10/2/03	10/3/03	10/3/03	10/3/03	10/3/03	10/2/03	10/2/03	7/17/03	7/17/03	10/17/03
Parameter	CAS #	Units											
Vinyl chloride	75-01-4	ug/l	1 U	1 U	1 U	1 U	1 U	2.8	1 U	1 U	1.2	34	1 U
Xylene, Meta + Para	Not Applicable	ug/l	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2,4-Trichlorobenzene	120-82-1	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---
1,2-Dichlorobenzene	95-50-1	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	---
1,3-Dichlorobenzene	541-73-1	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	---
1,4-Dichlorobenzene	106-46-7	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	---
2,4,5-Trichlorophenol	95-95-4	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---
2,4,6-Trichlorophenol	88-06-2	ug/l	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	---
2,4-Dichlorophenol	120-83-2	ug/l	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	---
2,4-Dimethylphenol	105-67-9	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---
2,4-Dinitrophenol	51-28-5	ug/l	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	---
2,4-Dinitrotoluene	121-14-2	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---
2,6-Dinitrotoluene	606-20-2	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---
2-Chloronaphthalene	91-58-7	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---
2-Chlorophenol	95-57-8	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---
2-Methylnaphthalene	91-57-6	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---
2-Methylphenol	95-48-7	ug/l	5 U	5 U	0.033 J	0.046 J	5 U	5 U	0.081 J	5 U	5 U	5 U	---
2-Nitroaniline	88-74-4	ug/l	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	---
2-Nitrophenol	88-75-5	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---
3,3-Dichlorobenzidine	91-94-1	ug/l	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	---
3-Nitroaniline	99-09-2	ug/l	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	---
4,6-Dinitro-2-methylphenol	534-52-1	ug/l	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	---
4-Bromophenyl-phenylether	101-55-3	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---
4-Chloroaniline	106-47-8	ug/l	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	---
4-Chlorophenyl-phenylether	7005-72-3	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---
4-Methylphenol	106-44-5	ug/l	5 U	5 U	5 U	0.044 J	0.068 J	5 U	5 U	5 U	5 U	5 U	---
4-Nitroaniline	100-01-6	ug/l	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	---
4-Nitrophenol	100-02-7	ug/l	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	---
Acenaphthene	83-32-9	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---
Acenaphthylene	208-96-8	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---
Anthracene	120-12-7	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---
Benz(a)anthracene	56-55-3	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	---
Benzidine	92-87-5	ug/l	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	---
Benzo(a)pyrene	50-32-8	ug/l	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	---
Benzo(b)fluoranthene	205-99-2	ug/l	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	---
Benzo(g,h,i)perylene	191-24-2	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---
Benzo(k)fluoranthene	207-08-9	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---
Benzoic acid	65-85-0	ug/l	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	---
Benzyl alcohol	100-51-6	ug/l	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	---
bis(2-Chloroethoxy)methane	111-91-1	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---
bis(2-Chloroethyl)ether	111-44-4	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	---
bis(2-Chloroisopropyl)ether	108-60-1	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---
bis(2-Ethylhexyl)phthalate	117-81-7	ug/l	0.32 J	0.44 J	0.36 J	0.37 J	0.85 J	0.31 J	0.35 J	0.37 J	0.66 J	0.8 J	---
Butyl benzyl phthalate	85-68-7	ug/l	5 U	5 U	0.086 J	5 U	0.11 J	0.094 J	5 U	5 U	0.27 J	0.99 J	---
Carbazole	86-74-8	ug/l	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	---
Chrysene	218-01-9	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---
Di-N-Butyl phthalate	84-74-2	ug/l	0.4 J	0.85 J	0.39 J	0.26 J	0.28 J	0.25 J	1 J	0.97 J	2.9 J	1.8 J	---
Di-N-Octyl phthalate	117-84-0	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---
Dibenz(a,h)anthracene	53-70-3	ug/l	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	---
Dibenzofuran	132-64-9	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---
Diethylphthalate	84-66-2	ug/l	5 U	5 U	0.7 J	5 U	0.064 J	0.1 J	0.088 J	0.096 J	5 U	5 U	---
Dimethyl phthalate	131-11-3	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---
Fluoranthene	206-44-0	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---
Fluorene	86-73-7	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---
Hexachlorobenzene	118-74-1	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---
Hexachlorobutadiene	87-68-3	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---
Hexachlorocyclopentadiene	77-47-4	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---
Hexachloroethane	67-72-1	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---
Indeno(1,2,3-cd)pyrene	193-39-5	ug/l	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	---
Isophorone	78-59-1	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---
N-Nitroso-di-N-propylamine	621-64-7	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---
N-Nitrosodiphenylamine	86-30-6	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---
Naphthalene	91-20-3	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---

APPENDIX A
GROUNDWATER DATA
JCI - FOWLERVILLE

		Location ID:	MW-E2	MW-F2	MW-F5	MW-F5	MW-G1	MW-G4	MW-J2	MW-J3	OS1	OS3	OW16
		Field ID:	MWE2-100303-01	MWF2-100201-01	MWF5-100303-01	MWF5-100303-02	MWG1-100303-01	MWG4-100303-01	MWJ2- 100203 01	MWJ3- 100203 01	OS1- 071703-01	OS3- 071703-01	OW16- 101703 01
		Date Sampled:	10/3/03	10/2/03	10/3/03	10/3/03	10/3/03	10/3/03	10/2/03	10/2/03	7/17/03	7/17/03	10/17/03
Parameter	**CAS #**	**Units**											
Nitrobenzene	98-95-3	ug/l	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	---
p-Chloro-m-cresol	59-50-7	ug/l	5 U	0.74 J	5 U	0.21 J	0.24 J	0.21 J	0.77 J	0.82 J	0.45 J	0.42 J	---
Pentachlorophenol	87-86-5	ug/l	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	---
Phenanthrene	85-01-8	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---
Phenol	108-95-2	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---
Pyrene	129-00-0	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	---
PCB-1016	12674-11-2	ug/l	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	---
PCB-1221	11104-28-2	ug/l	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	---
PCB-1232	11141-16-5	ug/l	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	---
PCB-1242	53469-21-9	ug/l	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	---
PCB-1248	12672-29-6	ug/l	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.13 J	0.2 U	0.2 U	---
PCB-1254	11097-69-1	ug/l	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	---
PCB-1260	11096-82-5	ug/l	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	---
Arsenic, Total	7440-38-2	mg/l	0.011	0.0013	0.0091	0.0089	0.041	0.011	0.0069	0.0016	0.003	0.006	---
Barium, Total	7440-39-3	mg/l	0.151	0.0039 J	0.308	0.296	0.411	0.397	0.14	0.018	0.155	0.247	---
Cadmium, Total	7440-43-9	mg/l	0.0001 J	0.0002 U	0.0001 J	0.0001 J	0.0002 U	0.0001 J	0.0086	0.0002 U	0.000196 J	0.0002 U	---
Chromium, Total	7440-47-3	mg/l	0.005 U	0.0092	0.0011 J	0.0017 J	0.0017 J	0.0007 J	0.006	0.017	0.0011 J	0.0011 J	---
Copper, Total	7440-50-8	mg/l	0.0008 J	0.0047 J	0.0017 J	0.0018 J	0.0012 J	0.0012 J	0.011	0.0054	0.005 U	0.0013 J	---
Lead, Total	7439-92-1	mg/l	0.001 U	0.001 U	0.0003 J	0.001 U	0.001 U	0.001 U	0.0087	0.0004 J	0.001 U	0.001 U	---
Mercury, Total	7439-97-6	mg/l	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	---
Nickel, Total	7440-02-0	mg/l	0.0007 J	0.016	0.0018 J	0.0049 J	0.0012 J	0.0006 J	0.017	0.012	0.0012 J	0.0018 J	---
Selenium, Total	7782-49-2	mg/l	0.001 U	0.001 U	0.001 U	0.001 U	0.0006 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	---
Silver, Total	7440-22-4	mg/l	4.3e-005 J	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	---
Zinc, Total	7440-66-6	mg/l	0.0091 J	0.0021 J	0.0044 J	0.0046 J	0.0027 J	0.0032 J	0.067	0.012	0.021	0.04	---
Arsenic, Dissolved	7440-38-2	mg/l	---	---	---	---	---	0.0036	0.0049	---	---	---	---
Barium, Dissolved	7440-39-3	mg/l	---	---	---	---	---	0.369	0.124	---	---	---	---
Cadmium, Dissolved	7440-43-9	mg/l	---	---	---	---	---	0.0002 U	0.013	---	---	---	---
Chromium, Dissolved	7440-47-3	mg/l	---	---	---	---	---	0.0008 J	0.0013 J	---	---	---	---
Chromium, Hexavalent- Dissolve	18540-29-9	mg/l	0.001 J	0.003 J	0.003 J	0.003 J	0.002 J	0.006	0.005 U	0.0006 U	0.007	0.009	---
Copper, Dissolved	7440-50-8	mg/l	---	---	---	---	---	0.0014 J	0.0038 J	---	---	---	---
Lead, Dissolved	7439-92-1	mg/l	---	---	---	---	---	0.001 U	0.0009 J	---	---	---	---
Mercury, Dissolved	7439-97-6	mg/l	---	---	---	---	---	0.0002 U	0.0002 U	---	---	---	---
Nickel, Dissolved	7440-02-0	mg/l	---	---	---	---	---	0.0005 J	0.013	---	---	---	---
Selenium, Dissolved	7782-49-2	mg/l	---	---	---	---	---	0.0005 J	0.001 U	---	---	---	---
Silver, Dissolved	7440-22-4	mg/l	---	---	---	---	---	0.0002 U	0.0002 U	---	---	---	---
Zinc, Dissolved	7440-66-6	mg/l	---	---	---	---	---	0.004 J	0.018	---	---	---	---
Cyanide, Free	57-12-5	mg/l	0.006	0.005 U	0.005 U	0.003	0.005 U	0.005 U	0.003	0.005 U	0.05 U	0.05 U	---
Cyanide, Total	57-12-5	mg/l	---	---	---	---	---	---	---	---	0.005 U	0.005 U	---

NOTES:
U = Non-detect, value is reporting limit
J = Estimated value below reporting limit
NA = Parameter not analyzed
B = Blank qualified result
--- = Parameter not analyzed

APPENDIX A
GEOPROBE GROUNDWATER DATA
JCI - FOWLERVILLE

		Location ID:	OE01 Water	OE02	OE02	OE03	OE04	OE05	OE06	OE07	OE07	OE07	OE08
		Field ID:	OE01-11-13 062603-01	OE02-08-10 062703-01	OE02-12-14 062703-01	OE03-0611-070703-01	OE04-13-15 062703-01	OE05-0712-070703-01	OE06-0308-070703-01	OE07-0914-070703-01	OE07-0914-070703-02	OE07-16-18 062603-01	OE08-06-08 062603-01
		Date Sampled:	6/26/03	6/27/03	6/27/03	7/7/03	6/27/03	7/7/03	7/7/03	7/7/03	7/7/03	6/26/03	6/26/03
Parameter	CAS #	Units											
1,1,1,2-Tetrachloroethane	630-20-6	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	71-55-6	ug/l	1 U	0.2 J	1 U	10	0.2 J	1 U	1 U	1 U	1 U	1 U	0.6 J
1,1,2,2-Tetrachloroethane	79-34-5	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	79-00-5	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	75-34-3	ug/l	0.3 J	0.6 J	1 U	2.6	0.1 J	3	0.5 J	1 U	1 U	1 U	0.2 J
1,1-Dichloroethene	75-35-4	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloropropylene	563-58-6	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	87-61-6	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichloropropane	96-18-4	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	120-82-1	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	95-63-6	ug/l	1 U	1 U	1 U	0.2 J	1 U	1 U	1 U	0.2 J	1 U	1 U	0.1 J
1,2-Dibromo-3-chloropropane	96-12-8	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	95-50-1	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	107-06-2	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	78-87-5	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	108-67-8	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	541-73-1	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichloropropane	142-28-9	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	106-46-7	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-Dichloropropane	594-20-7	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Chlorotoluene	95-49-8	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	591-78-6	ug/l	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
4-Chlorotoluene	106-43-4	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Isopropyltoluene	99-87-6	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone	108-10-1	ug/l	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Acetone	67-64-1	ug/l	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Benzene	71-43-2	ug/l	1 U	1 U	1 U	0.4 J	1 U	1 U	0.2 J	1 U	1 U	1 U	0.2 J
Bromobenzene	108-86-1	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	74-97-5	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	75-25-2	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	74-83-9	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	75-15-0	ug/l	5 U	5 U	5 U	5 U	0.2 J	5 U	5 U	5 U	5 U	0.2 J	5 U
Carbon tetrachloride	56-23-5	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	108-90-7	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	75-00-3	ug/l	1 U	1 U	1 U	1 U	1 U	1.5	1 U	1 U	1 U	1 U	1 U
Chloroform	67-66-3	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	74-87-3	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	156-59-2	ug/l	1 U	4.3	0.4 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	10061-01-5	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	124-48-1	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromomethane	74-95-3	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorobromomethane	75-27-4	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	75-71-8	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	100-41-4	ug/l	1 U	1 U	1 U	0.3 J	1 U	1 U	1 U	0.2 J	0.2 J	1 U	0.2 J
Ethylene dibromide	106-93-4	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	87-68-3	ug/l	5 U	1 U	1 U	5 U	1 U	5 U	5 U	5 U	5 U	1 U	5 U
Isopropylbenzene	98-82-8	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methyl ethyl ketone	78-93-3	ug/l	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Methyl tert butyl ether	1634-04-4	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methylene chloride	75-09-2	ug/l	0.4 JB	0.4 JB	0.4 JB	5 U	0.4 JB	5 U	5 U	5 U	5 U	0.4 JB	0.3 JB
n-Butylbenzene	104-51-8	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
n-Propylbenzene	103-65-1	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	91-20-3	ug/l	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
o-Xylene	95-47-6	ug/l	1 U	1 U	1 U	0.3 J	1 U	1 U	1 U	0.2 J	0.2 J	1 U	1 U
sec-Butylbenzene	135-98-8	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

APPENDIX A
GEOPROBE GROUNDWATER DATA
JCI - FOWLERVILLE

		Location ID:	OE01 Water	OE02	OE02	OE03	OE04	OE05	OE06	OE07	OE07	OE07	OE08
		Field ID:	OE01-11-13 062603-01	OE02-08-10 062703-01	OE02-12-14 062703-01	OE03-0611-070703-01	OE04-13-15 062703-01	OE05-0712-070703-01	OE06-0308-070703-01	OE07-0914-070703-01	OE07-0914-070703-02	OE07-16-18 062603-01	OE08-06-08 062603-01
		Date Sampled:	6/26/03	6/27/03	6/27/03	7/7/03	6/27/03	7/7/03	7/7/03	7/7/03	7/7/03	6/26/03	6/26/03
Parameter	**CAS #**	**Units**											
Styrene	100-42-5	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
tert-Butylbenzene	98-06-6	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	127-18-4	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	108-88-3	ug/l	1 U	0.3 J	1 U	1.2	0.2 J	0.3 J	0.5 J	0.8 J	0.8 J	0.3 J	0.5 J
trans-1,2-Dichloroethylene	156-60-5	ug/l	1 U	0.4 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	10061-02-6	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	79-01-6	ug/l	1 U	50	1	9.2	1 U	1 U	1 U	1 U	1 U	1 U	3.2
Trichlorofluoromethane	75-69-4	ug/l	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	75-01-4	ug/l	1 U	1 U	0.3 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylene, Meta + Para	Not Applicable	ug/l	2 U	2 U	2 U	0.7 J	2 U	2 U	2 U	0.6 J	0.6 J	2 U	2 U

NOTES:
U = Non-detect, value is reporting limit
J = Estimated value below reporting limit
NA = Parameter not analyzed
B = Blank qualified result
--- = Parameter not analyzed

APPENDIX A
GEOPROBE GROUNDWATER DATA
JCI - FOWLERVILLE

		Location	GW32	GW33
		Field ID:	GW32-1417- 102803-01	GW33-0609- 102803-01
		Date Sampled:	10/28/03	10/28/03
1,1,1,2-Tetrachloroethane	630-20-6	ug/l	1 U	1 U
1,1,1-Trichloroethane	71-55-6	ug/l	1 U	1 U
1,1,2,2-Tetrachloroethane	79-34-5	ug/l	1 U	1 U
1,1,2-Trichloroethane	79-00-5	ug/l	1 U	1 U
1,1-Dichloroethane	75-34-3	ug/l	1 U	1 U
1,1-Dichloroethene	75-35-4	ug/l	1 U	1 U
1,1-Dichloropropylene	563-58-6	ug/l	1 U	1 U
1,2,3-Trichlorobenzene	87-61-6	ug/l	1 U	1 U
1,2,3-Trichloropropane	96-18-4	ug/l	1 U	1 U
1,2,4-Trichlorobenzene	120-82-1	ug/l	5 U	5 U
1,2,4-Trimethylbenzene	95-63-6	ug/l	1 U	1 U
1,2-Dibromo-3-chloropropane	96-12-8	ug/l	1 U	1 U
1,2-Dichlorobenzene	95-50-1	ug/l	1 U	1 U
1,2-Dichloroethane	107-06-2	ug/l	1 U	1 U
1,2-Dichloropropane	78-87-5	ug/l	1 U	1 U
1,3,5-Trimethylbenzene	108-67-8	ug/l	1 U	1 U
1,3-Dichlorobenzene	541-73-1	ug/l	1 U	1 U
1,3-Dichloropropane	142-28-9	ug/l	1 U	1 U
1,4-Dichlorobenzene	106-46-7	ug/l	1 U	1 U
2,2-Dichloropropane	594-20-7	ug/l	1 U	1 U
2-Chlorotoluene	95-49-8	ug/l	1 U	1 U
2-Hexanone	591-78-6	ug/l	50 U	50 U
4-Chlorotoluene	106-43-4	ug/l	1 U	1 U
4-Isopropyltoluene	99-87-6	ug/l	1 U	1 U
4-Methyl-2-pentanone	108-10-1	ug/l	50 U	50 U
Acetone	67-64-1	ug/l	25 U	4.3 J
Benzene	71-43-2	ug/l	1 U	1 U
Bromobenzene	108-86-1	ug/l	1 U	1 U
Bromochloromethane	74-97-5	ug/l	1 U	1 U
Bromoform	75-25-2	ug/l	1 U	1 U
Bromomethane	74-83-9	ug/l	1 U	1 U
Carbon disulfide	75-15-0	ug/l	5 U	5 U
Carbon tetrachloride	56-23-5	ug/l	1 U	1 U
Chlorobenzene	108-90-7	ug/l	1 U	1 U
Chloroethane	75-00-3	ug/l	1 U	1 U
Chloroform	67-66-3	ug/l	1 U	1 U
Chloromethane	74-87-3	ug/l	1 U	1 U
cis-1,2-Dichloroethene	156-59-2	ug/l	1 U	1 U
cis-1,3-Dichloropropene	10061-01-5	ug/l	1 U	1 U
Dibromochloromethane	124-48-1	ug/l	1 U	1 U
Dibromomethane	74-95-3	ug/l	1 U	1 U
Dichlorobromomethane	75-27-4	ug/l	1 U	1 U
Dichlorodifluoromethane	75-71-8	ug/l	1 U	1 U
Ethylbenzene	100-41-4	ug/l	1 U	1 U
Ethylene dibromide	106-93-4	ug/l	1 U	1 U
Hexachlorobutadiene	87-68-3	ug/l	1 U	1 U
Isopropylbenzene	98-82-8	ug/l	5 U	5 U
Methyl ethyl ketone	78-93-3	ug/l	25 U	25 U
Methyl tert butyl ether	1634-04-4	ug/l	5 U	5 U
Methylene chloride	75-09-2	ug/l	0.19 J	5 U
n-Butylbenzene	104-51-8	ug/l	1 U	1 U
n-Propylbenzene	103-65-1	ug/l	1 U	1 U
Naphthalene	91-20-3	ug/l	5 U	5 U
o-Xylene	95-47-6	ug/l	1 U	1 U
sec-Butylbenzene	135-98-8	ug/l	1 U	1 U
Styrene	100-42-5	ug/l	1 U	1 U
tert-Butylbenzene	98-06-6	ug/l	1 U	1 U
Tetrachloroethene	127-18-4	ug/l	1 U	1 U

APPENDIX A
GEOPROBE GROUNDWATER DATA
JCI - FOWLERVILLE

		Location	GW32	GW33
		Field ID:	GW32-1417- 102803-01	GW33-0609- 102803-01
		Date Sampled:	10/28/03	10/28/03
Toluene	108-88-3	ug/l	0.66 J	0.94 J
trans-1,2-Dichloroethylene	156-60-5	ug/l	1 U	1 U
trans-1,3-Dichloropropene	10061-02-6	ug/l	1 U	1 U
Trichloroethene	79-01-6	ug/l	1 U	1 U
Trichlorofluoromethane	75-69-4	ug/l	1 U	1 U
Vinyl chloride	75-01-4	ug/l	1 U	1 U
Xylene, Meta + Para	Not Applicable	ug/l	2 U	2 U
Cyanide, Free	57-12-5	mg/l	0.005 U	---

NOTES:

U = Non-detect, value is reporting limit

J = Estimated value below reporting limit

NA = Parameter not analyzed

B = Blank qualified result

--- = Parameter not analyzed

APPENDIX A
SURFACE SOIL DATA
JCI FOWLERVILLE

			Field Sample ID	10N, 30W	10S, 30W	30N, 30E	30N, 30W	30S, 30W	30S, 60E	50N, 30E	50N, 30W	50S, 30E	50S, 30W	70N, 30E
			Sample Date	8/5/1986	8/5/1986	8/5/1986	8/5/1986	8/5/1986	8/5/1986	8/5/1986	8/5/1986	8/5/1986	8/5/1986	8/5/1986
			Location ID	10N, 30W	10S, 30W	30N, 30E	30N, 30W	30S, 30W	30S, 60E	50N, 30E	50N, 30W	50S, 30E	50S, 30W	70N, 30E
			Depth	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0
Method	CAS #	Parameter	Result Units											
6010	7440-39-3	Barium, Total	mg/kg	--	--	--	--	--	--	--	--	--	--	--
6010	7440-43-9	Cadmium, Total	mg/kg	--	--	--	--	--	--	--	--	--	--	--
6010	7440-47-3	Chromium, Total	mg/kg	--	--	--	--	--	--	--	--	--	--	--
6010	7440-50-8	Copper, Total	mg/kg	--	--	--	--	--	--	--	--	--	--	--
6010	7440-02-0	Nickel, Total	mg/kg	--	--	--	--	--	--	--	--	--	--	--
6010	7440-22-4	Silver, Total	mg/kg	--	--	--	--	--	--	--	--	--	--	--
6010	7440-66-6	Zinc, Total	mg/kg	--	--	--	--	--	--	--	--	--	--	--
7060	7440-38-2	Arsenic, Total	mg/kg	--	--	--	--	--	--	--	--	--	--	--
7421	7439-92-1	Lead, Total	mg/kg	--	--	--	--	--	--	--	--	--	--	--
7421	7439-97-6	Mercury, Total	mg/kg	--	--	--	--	--	--	--	--	--	--	--
7471	7439-97-6	Mercury, Total	mg/kg	--	--	--	--	--	--	--	--	--	--	--
7740	7782-49-2	Selenium, Total	mg/kg	--	--	--	--	--	--	--	--	--	--	--
8080	12672-29-6	PCB-1248	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8080	11097-69-1	PCB-1254	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8080	11096-82-5	PCB-1260	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8240	75-34-3	1,1-Dichloroethane	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8240	107-06-2	1,2-Dichloroethane	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8240	71-43-2	Benzene	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8240	108-90-7	Chlorobenzene	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8240	75-09-2	Dichloromethane	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8240	100-41-4	Ethylbenzene	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8240	108-88-3	Methylbenzene	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8240	75-09-2	Methylene chloride	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8240	127-18-4	Tetrachloroethene	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8240	79-01-6	Trichloroethene	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8270	218-01-9	1,2-Benzphenanthracene	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8270	95-50-1	1,2-Dichlorobenzene	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8270	106-46-7	1,4-Dichlorobenzene	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8270	83-32-9	Acenaphthene	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8270	208-96-8	Acenaphthylene	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8270	120-12-7	Anthracene	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8270	56-55-3	Benz(a)anthracene	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8270	50-32-8	Benzo(a)pyrene	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8270	205-99-2	Benzo(b)fluoranthene	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8270	191-24-2	Benzo(g,h,i)perylene	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8270	207-08-9	Benzo(k)fluoranthene	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8270	117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8270	218-01-9	Chrysene	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8270	131-11-3	Dimethyl phthalate	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8270	117-84-0	Di-N-Octyl phthalate	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8270	206-44-0	Fluoranthene	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8270	86-73-7	Fluorene	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8270	193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8270	91-20-3	Naphthalene	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8270	98-95-3	Nitrobenzene	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8270	85-01-8	Phenanthrene	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8270	129-00-0	Pyrene	ug/kg	--	--	--	--	--	--	--	--	--	--	--
9010/9012	57-12-5	Cyanide, Total	mg/kg	--	--	--	--	--	--	--	--	--	--	--
Metals	7440-38-2	Arsenic, Total	mg/kg	5.8	2.5	3	4.2	1.7	1.7	5.9	12	3	3.1	6.2
Metals	7440-43-9	Cadmium, Total	mg/kg	1.8	2	2.2	1.4	1.4	1.4	1.8	1.4	1.2	0.6	1
Metals	7440-47-3	Chromium, Total	mg/kg	5	6	4.8	7.8	7.2	3.4	7	6.4	3.8	8.8	4.2
Metals	7440-50-8	Copper, Total	mg/kg	7.8	11	6.4	9	60	4.4	18	8.8	20	10	7
Metals	57-12-5	Cyanide, Total	mg/kg	0.05 U	0.05 U	0.05 U	0.05 U	0.16	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Metals	7439-92-1	Lead, Total	mg/kg	1 U	1.2	3.2	3	4.2	1.2	3	1 U	1 U	4.6	2.2
Metals	7440-02-0	Nickel, Total	mg/kg	9	10	9.2	12	11	6.2	12	9.4	8.4	14	7.8
Metals	7440-66-6	Zinc, Total	mg/kg	14	18	13	25	13	12	21	19	9.8	21	11
	57-12-5	Cyanide, Total	mg/kg	--	--	--	--	--	--	--	--	--	--	--
	TPCB	PCB, Total	ug/kg	--	--	--	--	--	--	--	--	--	--	--
	TCO	Total Chromatographable Organics	mg/kg	--	--	--	--	--	--	--	--	--	--	--

NOTES:
U = Non-detect, value is reporting limit
J = Estimated value below reporting limit
NA = Parameter not analyzed
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--- = Parameter not analyzed

APPENDIX A
SURFACE SOIL DATA
JCI FOWLERVILLE

			Field Sample ID	70N, 30W	G-10	G-1	G-2	G-3	G-4	G-4DUP	G-5	G-6	G-7	G-9
			Sample Date	8/5/1986	11/1/1994	11/1/1994	11/1/1994	11/1/1994	11/1/1994	11/1/1994	11/1/1994	11/1/1994	11/1/1994	11/1/1994
			Location ID	70N, 30W	G10	G1	G2	G3	G4	G4	G5	G6	G7	G9
			Depth	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0
Method	CAS #	Parameter	Result Units											
6010	7440-39-3	Barium, Total	mg/kg	--	86.4	45	17.6	36.4	17.4	20.2	14.5	10	171	71
6010	7440-43-9	Cadmium, Total	mg/kg	--	0.64 U	0.67 U	0.59 U	0.59 U	0.58 U	0.62 U	0.6 U	0.61 U	1.1	0.76 U
6010	7440-47-3	Chromium, Total	mg/kg	--	24.2	77.8	28.4	107	8	8.2	12.7	6.1	21.1	49
6010	7440-50-8	Copper, Total	mg/kg	--	40.5	75.8	32.6	87.4	6.8	6.9	7.9	6.6	50.2	54.9
6010	7440-02-0	Nickel, Total	mg/kg	--	15.6	38.7	18	49.5	6.5	7.8	6.9	6.8	19.7	27.5
6010	7440-22-4	Silver, Total	mg/kg	--	--	--	--	--	--	--	--	--	--	--
6010	7440-66-6	Zinc, Total	mg/kg	--	51.7	161	49.4	161	19.7	22.1	31.8	28	68	80.5
7060	7440-38-2	Arsenic, Total	mg/kg	--	2.4	4.8	4	4.3	2.6	3.1	3.5	5	18.2	9.5
7421	7439-92-1	Lead, Total	mg/kg	--	12.8 J	37.7	5.5 J	17	7.8	6.8	2.8	2.4 J	13.4	44.6
7421	7439-97-6	Mercury, Total	mg/kg	--	0.13 U	0.089 J	0.12 U	0.12 U	0.12 U	0.072 J	0.12 U	0.12 U	0.2 U	0.15 U
7471	7439-97-6	Mercury, Total	mg/kg	--						--	--	--	--	--
7740	7782-49-2	Selenium, Total	mg/kg	--	0.64 U	0.35 J	0.59 U	1.2 U	0.58 U	0.3 J	0.6 U	0.61 U	2	0.69 J
8080	12672-29-6	PCB-1248	ug/kg	--	42 U	44 U	39 U	39 U	38 U	41 U	40 U	40 U	66 U	50 U
8080	11097-69-1	PCB-1254	ug/kg	--	42 U	44 U	39 U	39 U	38 U	41 U	40 U	40 U	66 U	53
8080	11096-82-5	PCB-1260	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8240	75-34-3	1,1-Dichloroethane	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8240	107-06-2	1,2-Dichloroethane	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8240	71-43-2	Benzene	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8240	108-90-7	Chlorobenzene	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8240	75-09-2	Dichloromethane	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8240	100-41-4	Ethylbenzene	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8240	108-88-3	Methylbenzene	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8240	75-09-2	Methylene chloride	ug/kg	--	2.6 JB	6.7 U	5.9 U	1.5 J	5.8 U	6.2 U	1.6 J	1.9 J	3.2 J	1.7 J
8240	127-18-4	Tetrachloroethene	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8240	79-01-6	Trichloroethene	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8270	218-01-9	1,2-Benzphenanthracene	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8270	95-50-1	1,2-Dichlorobenzene	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8270	106-46-7	1,4-Dichlorobenzene	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8270	83-32-9	Acenaphthene	ug/kg	--	420 U	440 U	390 U	390 U	380 U	410 U	400 U	400 U	660 U	89 J
8270	208-96-8	Acenaphthylene	ug/kg	--	420 U	49 J	390 U	390 U	380 U	46 J	400 U	400 U	660 U	58 J
8270	120-12-7	Anthracene	ug/kg	--	420 U	93 J	390 U	390 U	380 U	230 J	400 U	400 U	660 U	440 J
8270	56-55-3	Benz(a)anthracene	ug/kg	--	420 U	220 J	390 U	58 J	140 J	910	400 U	400 U	660 U	1300
8270	50-32-8	Benzo(a)pyrene	ug/kg	--	420 U	240 J	390 U	66 J	160 J	1000	400 U	400 U	660 U	1500
8270	205-99-2	Benzo(b)fluoranthene	ug/kg	--	420 U	180 J	390 U	100 J	120 J	1300	400 U	400 U	660 U	500 U
8270	191-24-2	Benzo(g,h,i)perylene	ug/kg	--	420 U	170 J	390 U	68 J	89 J	520	400 U	400 U	660 U	750
8270	207-08-9	Benzo(k)fluoranthene	ug/kg	--	420 U	300 J	390 U	390 U	160 J	410 U	400 U	400 U	73 J	2300
8270	117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8270	218-01-9	Chrysene	ug/kg	--	420 U	280 J	390 U	83 J	150 J	970	400 U	400 U	660 U	1300
8270	131-11-3	Dimethyl phthalate	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8270	117-84-0	Di-N-Octyl phthalate	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8270	206-44-0	Fluoranthene	ug/kg	--	420 U	580	390 U	130 J	250 J	1500	400 U	400 U	660 U	2600
8270	86-73-7	Fluorene	ug/kg	--	420 U	62 J	390 U	390 U	380 U	92 J	400 U	400 U	660 U	210 J
8270	193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	--	420 U	160 J	390 U	46 J	96 J	540	400 U	400 U	660 U	770
8270	91-20-3	Naphthalene	ug/kg	--	420 U	440 U	390 U	390 U	380 U	410 U	400 U	400 U	660 U	160 J
8270	98-95-3	Nitrobenzene	ug/kg	--	--	--	--	--	--	--	--	--	--	--
8270	85-01-8	Phenanthrene	ug/kg	--	420 U	470	390 U	69 J	96 J	710	400 U	400 U	660 U	1600
8270	129-00-0	Pyrene	ug/kg	--	420 U	500	390 U	120 J	220 J	1400	400 U	400 U	660 U	1800
9010/9012	57-12-5	Cyanide, Total	mg/kg	--	0.83	0.67 U	0.59 U	0.64	0.58 U	0.62 U	0.6 U	0.61 U	1 U	0.89
Metals	7440-38-2	Arsenic, Total	mg/kg	5.3	--	--	--	--	--	--	--	--	--	--
Metals	7440-43-9	Cadmium, Total	mg/kg	0.8	--	--	--	--	--	--	--	--	--	--
Metals	7440-47-3	Chromium, Total	mg/kg	6.4	--	--	--	--	--	--	--	--	--	--
Metals	7440-50-8	Copper, Total	mg/kg	11	--	--	--	--	--	--	--	--	--	--
Metals	57-12-5	Cyanide, Total	mg/kg	0.08	0.83	0.67 U	0.59 U	0.64	0.58 U	0.62 U	0.6 U	0.61 U	1 U	0.89
Metals	7439-92-1	Lead, Total	mg/kg	5.2	--	--	--	--	--	--	--	--	--	--
Metals	7440-02-0	Nickel, Total	mg/kg	12	--	--	--	--	--	--	--	--	--	--
Metals	7440-66-6	Zinc, Total	mg/kg	24	--	--	--	--	--	--	--	--	--	--
	57-12-5	Cyanide, Total	mg/kg	--	0.83	0.67 U	0.59 U	0.64	0.58 U	0.62 U	0.6 U	0.61 U	1 U	0.89
	TPCB	PCB, Total	ug/kg	--	--	--	--	--	--	--	--	--	--	--
	TCO	Total Chromatographable Organics	mg/kg	--	4.7 J	53	48	160	13	87	4.3 J	5.5	34	45

NOTES:
U = Non-detect, value is reporting limit
J = Estimated value below reporting limit
NA = Parameter not analyzed
B = Blank qualified result
--- = Parameter not analyzed

APPENDIX A
SURFACE SOIL DATA
JCI FOWLERVILLE

			Field Sample ID	GB-1036549	GB-136549	GB-236549	GB-3836549	GB-3936549	GB-336549	GB-5436549	pre2003
			Sample Date	1/24/1994	1/24/1994	1/24/1994	1/24/1994	1/24/1994	1/24/1994	1/24/1994	1/24/1994
			Location ID	GB-10	GB-1	GB-2	GB-38	GB-39	GB-3	GB-54	GB-55
			Depth	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0
Method	CAS #	Parameter	Result Units								
6010	7440-39-3	Barium, Total	mg/kg	53.7	72.2	53.3	88	89.1	25.4	100	28.6
6010	7440-43-9	Cadmium, Total	mg/kg	0.61 U	0.69 UB	0.57 U	0.65 U	0.62 U	0.69 U	0.58 U	0.55 U
6010	7440-47-3	Chromium, Total	mg/kg	13.8	13.5	12.6	15.7	34.4	8	18.9	12.5
6010	7440-50-8	Copper, Total	mg/kg	16.1	20.6 B	12.2	12.1	26.1	8.6	6.9	12.8
6010	7440-02-0	Nickel, Total	mg/kg	9.6	14.8	10.3	10.7	22.4	6.9	14.1	13.4
6010	7440-22-4	Silver, Total	mg/kg	1.2 U	2	1.1 U	1.3 U	1.5	1.4 U	0.55 J	1.1 U
6010	7440-66-6	Zinc, Total	mg/kg	53.1	57.6 B	47.2	69.8	218 B	31.5	39.9 B	181 B
7060	7440-38-2	Arsenic, Total	mg/kg	2.1	4.4	5.7	5.8	9.5	31.8	2.3	1.4
7421	7439-92-1	Lead, Total	mg/kg	12	12.7	21.5	10.3	8	24.2	6	3.5
7421	7439-97-6	Mercury, Total	mg/kg	--	--	--	--	--	--	--	--
7471	7439-97-6	Mercury, Total	mg/kg	0.12 U	0.14 U	0.11 U	0.13 U	0.12 U	0.14 U	0.12 U	0.11 U
7740	7782-49-2	Selenium, Total	mg/kg	0.62	1.4 U	0.57 U	0.52 J	0.62 U	0.69 U	0.58 U	0.55 U
8080	12672-29-6	PCB-1248	ug/kg	40 U	45 U	38 U	43 U	60	46 U	31 J	52
8080	11097-69-1	PCB-1254	ug/kg	40 U	45 U	38 U	43 U	41 U	46 U	38 U	36 U
8080	11096-82-5	PCB-1260	ug/kg	40 U	45 U	38 U	43 U	41 U	46 U	38 U	36 U
8240	75-34-3	1,1-Dichloroethane	ug/kg	--	6.9 U	--	6.5 U	--	--	--	5.5 U
8240	107-06-2	1,2-Dichloroethane	ug/kg	--	6.9 U	--	6.5 U	--	--	--	5.5 U
8240	71-43-2	Benzene	ug/kg	--	6.9 U	--	6.5 U	--	--	--	5.5 U
8240	108-90-7	Chlorobenzene	ug/kg	--	6.9 U	--	6.5 U	--	--	--	5.5 U
8240	75-09-2	Dichloromethane	ug/kg	--	6.9 U	--	6.5 U	--	--	--	2.3 J
8240	100-41-4	Ethylbenzene	ug/kg	--	6.9 U	--	6.5 U	--	--	--	5.5 U
8240	108-88-3	Methylbenzene	ug/kg	--	1.5 J	--	6.5 U	--	--	--	5.5 U
8240	75-09-2	Methylene chloride	ug/kg	--	--	--	--	--	--	--	--
8240	127-18-4	Tetrachloroethene	ug/kg	--	6.9 U	--	6.5 U	--	--	--	5.5 U
8240	79-01-6	Trichloroethene	ug/kg	--	6.9 U	--	6.5 U	--	--	--	5.5 U
8270	218-01-9	1,2-Benzphenanthracene	ug/kg	--	450 U	--	430 U	--	--	--	360 U
8270	95-50-1	1,2-Dichlorobenzene	ug/kg	--	450 U	--	430 U	--	--	--	360 U
8270	106-46-7	1,4-Dichlorobenzene	ug/kg	--	450 U	--	430 U	--	--	--	360 U
8270	83-32-9	Acenaphthene	ug/kg	--	--	--	--	--	--	--	--
8270	208-96-8	Acenaphthylene	ug/kg	--	450 U	--	430 U	--	--	--	360 U
8270	120-12-7	Anthracene	ug/kg	--	450 U	--	430 U	--	--	--	360 U
8270	56-55-3	Benz(a)anthracene	ug/kg	--	450 U	--	430 U	--	--	--	360 U
8270	50-32-8	Benzo(a)pyrene	ug/kg	--	450 U	--	430 U	--	--	--	360 U
8270	205-99-2	Benzo(b)fluoranthene	ug/kg	--	450 U	--	430 U	--	--	--	360 U
8270	191-24-2	Benzo(g,h,i)perylene	ug/kg	--	450 U	--	430 U	--	--	--	360 U
8270	207-08-9	Benzo(k)fluoranthene	ug/kg	--	--	--	--	--	--	--	--
8270	117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	--	450 U	--	430 U	--	--	--	360 U
8270	218-01-9	Chrysene	ug/kg	--	--	--	--	--	--	--	--
8270	131-11-3	Dimethyl phthalate	ug/kg	--	450 U	--	430 U	--	--	--	360 U
8270	117-84-0	Di-N-Octyl phthalate	ug/kg	--	450 U	--	430 U	--	--	--	360 U
8270	206-44-0	Fluoranthene	ug/kg	--	450 U	--	430 U	--	--	--	360 U
8270	86-73-7	Fluorene	ug/kg	--	450 U	--	430 U	--	--	--	360 U
8270	193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	--	450 U	--	430 U	--	--	--	360 U
8270	91-20-3	Naphthalene	ug/kg	--	450 U	--	430 U	--	--	--	360 U
8270	98-95-3	Nitrobenzene	ug/kg	--	450 U	--	430 U	--	--	--	360 U
8270	85-01-8	Phenanthrene	ug/kg	--	450 U	--	430 U	--	--	--	360 U
8270	129-00-0	Pyrene	ug/kg	--	450 U	--	430 U	--	--	--	360 U
9010/9012	57-12-5	Cyanide, Total	mg/kg	0.61 U	4.8	0.57 U	0.65 U	1	0.69 U	0.58 U	0.55 U
Metals	7440-38-2	Arsenic, Total	mg/kg	--	--	--	--	--	--	--	--
Metals	7440-43-9	Cadmium, Total	mg/kg	--	--	--	--	--	--	--	--
Metals	7440-47-3	Chromium, Total	mg/kg	--	--	--	--	--	--	--	--
Metals	7440-50-8	Copper, Total	mg/kg	--	--	--	--	--	--	--	--
Metals	57-12-5	Cyanide, Total	mg/kg	--	--	--	--	--	--	--	--
Metals	7439-92-1	Lead, Total	mg/kg	--	--	--	--	--	--	--	--
Metals	7440-02-0	Nickel, Total	mg/kg	--	--	--	--	--	--	--	--
Metals	7440-66-6	Zinc, Total	mg/kg	--	--	--	--	--	--	--	--
	57-12-5	Cyanide, Total	mg/kg	--	--	--	--	--	--	--	--
	TPCB	PCB, Total	ug/kg	--	--	--	--	60	--	31 J	52
	TCO	Total Chromatographable Organics	mg/kg	--	--	--	--	--	--	--	--

NOTES:
U = Non-detect, value is reporting limit
J = Estimated value below reporting limit
NA = Parameter not analyzed
B = Blank qualified result
--- = Parameter not analyzed

APPENDIX A
SUBSURFACE SOIL DATA
JCI FOWLERVILLE

			Field Sample ID	EF01-0305- 090503-01	EF02-0305- 090503-01	EF03-0305- 090503-01	FF27-0506- 090503-01	FF37-0305- 090503-01	GG31-0406- 090503-01	GG34-0406- 090503-01	MD35-0304- 090903-01	MD36-0304- 090903-01	MD37-0203- 090903-01	MD45-0304- 091003-01	MD46-0405- 091003-01	MD54-0203- 091003-01	MD55-0304- 091003-01
			Sample Date	9/5/2003	9/5/2003	9/5/2003	9/5/2003	9/5/2003	9/5/2003	9/5/2003	9/9/2003	9/9/2003	9/9/2003	9/10/2003	9/10/2003	9/10/2003	9/10/2003
			Location ID	EF01	EF02	EF03	FF27	FF37	GG31	GG34	MD35	MD36	MD37	MD45	MD46	MD54	MD55
			Depth	3 - 5	3 - 5	3 - 5	5 - 6	3 - 5	4 - 6	4 - 6	3 - 4	3 - 4	2 - 3	3 - 4	4 - 5	2 - 3	3 - 4
Method	CAS #	Parameter	Result Units														
E160.3	SOLID	Percent Solids	%	87	87	86	89	92	85	88	90	84	88	82	89	96	92
SW6020	7440-38-2	Arsenic, Total	mg/kg	--	--	--	--	--	--	--	3.6	35	22	9.9	5.6	3	8.6
SW6020	7440-39-3	Barium, Total	mg/kg	--	--	--	--	--	--	--	15	11	10	29	43	14	39
SW6020	7440-43-9	Cadmium, Total	mg/kg	--	--	--	--	--	--	--	0.047 J	0.043 J	0.041 J	0.12	0.082	0.027 J	0.089
SW6020	7440-47-3	Chromium, Total	mg/kg	--	--	--	--	--	--	--	7.4	19	6.3	8.7	11	14	13
SW6020	7440-50-8	Copper, Total	mg/kg	--	--	--	--	--	--	--	5.3	2.2	3.3	11	10	14	10
SW6020	7439-92-1	Lead, Total	mg/kg	--	--	--	--	--	--	--	3	2.4	1.8	5.2	6.1	2.4	5.7
SW6020	7440-02-0	Nickel, Total	mg/kg	--	--	--	--	--	--	--	8	14	6.2	12	15	14	14
SW6020	7782-49-2	Selenium, Total	mg/kg	--	--	--	--	--	--	--	0.24	0.19 J	0.097 J	0.13 J	0.23 U	0.97	0.34
SW6020	7440-22-4	Silver, Total	mg/kg	--	--	--	--	--	--	--	0.061 J	0.11 J	0.092 J	0.1 J	0.1 J	0.06 J	0.065 J
SW6020	7440-66-6	Zinc, Total	mg/kg	--	--	--	--	--	--	--	16	8.8	14	24	29	17	29
SW7196	18540-29-9	Chromium(VI)	mg/kg	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1.2 J	2 U	2 U	0.72 J
SW7471	7439-97-6	Mercury, Total	mg/kg	--	--	--	--	--	--	--	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
SW8082	12674-11-2	PCB-1016	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8082	11104-28-2	PCB-1221	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8082	11141-16-5	PCB-1232	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8082	53469-21-9	PCB-1242	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8082	12672-29-6	PCB-1248	ug/kg	--	--	--	--	--	--	--	330 U	330 U	9.3 J	330 U	330 U	87 J	45 J
SW8082	11097-69-1	PCB-1254	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8082	11096-82-5	PCB-1260	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	11 J	330 U
SW8260B	630-20-6	1,1,1,2-Tetrachloroethane	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	71-55-6	1,1,1-Trichloroethane	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	79-00-5	1,1,2-Trichloroethane	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	75-34-3	1,1-Dichloroethane	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	75-35-4	1,1-Dichloroethene	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	26295-23-8	Dichloropropylene	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	87-61-6	1,2,3-Trichlorobenzene	ug/kg	--	--	--	--	--	--	--	280 U	290 U	280 U	300 U	280 U	260 U	270 U
SW8260B	96-18-4	1,2,3-Trichloropropane	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	120-82-1	1,2,4-Trichlorobenzene	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	95-63-6	1,2,4-Trimethylbenzene	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	95-50-1	1,2-Dichlorobenzene	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	107-06-2	1,2-Dichloroethane	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	78-87-5	1,2-Dichloropropane	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	108-67-8	1,3,5-Trimethylbenzene	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	541-73-1	1,3-Dichlorobenzene	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	142-28-9	1,3-Dichloropropane	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	106-46-7	1,4-Dichlorobenzene	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	594-20-7	2,2-Dichloropropane	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	95-49-8	2-Chlorotoluene	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	591-78-6	2-Hexanone	ug/kg	--	--	--	--	--	--	--	560 U	580 U	560 U	590 U	550 U	520 U	540 U
SW8260B	106-43-4	4-Chlorotoluene	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	99-87-6	4-Isopropyltoluene	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	108-10-1	4-Methyl-2-pentanone	ug/kg	--	--	--	--	--	--	--	560 U	580 U	560 U	590 U	550 U	520 U	540 U
SW8260B	67-64-1	Acetone	ug/kg	--	--	--	--	--	--	--	560 U	580 U	560 U	590 U	550 U	520 U	540 U
SW8260B	71-43-2	Benzene	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	108-86-1	Bromobenzene	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	74-97-5	Bromochloromethane	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	75-25-2	Bromoform	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	74-83-9	Bromomethane	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	75-15-0	Carbon disulfide	ug/kg	--	--	--	--	--	--	--	560 U	580 U	560 U	590 U	550 U	520 U	540 U
SW8260B	56-23-5	Carbon tetrachloride	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	108-90-7	Chlorobenzene	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	75-00-3	Chloroethane	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	67-66-3	Chloroform	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	74-87-3	Chloromethane	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	156-59-2	cis-1,2-Dichloroethene	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	10061-01-5	cis-1,3-Dichloropropene	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	124-48-1	Dibromochloromethane	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	74-95-3	Dibromomethane	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	75-27-4	Dichlorobromomethane	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	75-71-8	Dichlorodifluoromethane	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	100-41-4	Ethylbenzene	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	106-93-4	Ethylene dibromide	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	87-68-3	Hexachlorobutadiene	ug/kg	--	--	--	--	--	--	--	280 U	290 U	280 U	300 U	280 U	260 U	270 U
SW8260B	98-82-8	Isopropylbenzene	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	78-93-3	Methyl ethyl ketone	ug/kg	--	--	--	--	--	--	--	560 U	580 U	560 U	590 U	550 U	520 U	540 U
SW8260B	1634-04-4	Methyl tert butyl ether	ug/kg	--	--	--	--	--	--	--	560 U	580 U	560 U	590 U	550 U	520 U	540 U
SW8260B	108-88-3	Toluene	ug/kg	--	--	--	--	--	--	--	--	--	--	32 J	51 J	--	--
SW8260B	75-09-2	Methylene chloride	ug/kg	--	--	--	--	--	--	--	280 U	290 U	280 U	120 U	110 U	52 U	54 U
SW8260B	91-20-3	Naphthalene	ug/kg	--	--	--	--	--	--	--	280 U	290 U	280 U	300 U	280 U	260 U	270 U
SW8260B	104-51-8	n-Butylbenzene	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	103-65-1	n-Propylbenzene	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	95-47-6	o-Xylene	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	135-98-8	sec-Butylbenzene	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	100-42-5	Styrene	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	98-06-6	tert-Butylbenzene	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	127-18-4	Tetrachloroethene	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	108-88-3	Toluene	ug/kg	--	--	--	--	--	--	--	21 J	33 J	32 J	--	--	33 J	36 J
SW8260B	156-60-5	trans-1,2-Dichloroethylene	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	10061-02-6	trans-1,3-Dichloropropene	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	79-01-6	Trichloroethene	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	1500

APPENDIX A
SUBSURFACE SOIL DATA
JCI FOWLERVILLE

			Field Sample ID	EF01-0305- 090503-01	EF02-0305- 090503-01	EF03-0305- 090503-01	FF27-0506- 090503-01	FF37-0305- 090503-01	GG31-0406- 090503-01	GG34-0406- 090503-01	MD35-0304- 090903-01	MD36-0304- 090903-01	MD37-0203- 090903-01	MD45-0304- 091003-01	MD46-0405- 091003-01	MD54-0203- 091003-01	MD55-0304- 091003-01
			Sample Date	9/5/2003	9/5/2003	9/5/2003	9/5/2003	9/5/2003	9/5/2003	9/5/2003	9/9/2003	9/9/2003	9/9/2003	9/10/2003	9/10/2003	9/10/2003	9/10/2003
			Location ID	EF01	EF02	EF03	FF27	FF37	GG31	GG34	MD35	MD36	MD37	MD45	MD46	MD54	MD55
			Depth	3 - 5	3 - 5	3 - 5	5 - 6	3 - 5	4 - 6	4 - 6	3 - 4	3 - 4	2 - 3	3 - 4	4 - 5	2 - 3	3 - 4
Method	CAS #	Parameter	Result Units														
SW8260B	75-69-4	Trichlorofluoromethane	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B	75-01-4	Vinyl chloride	ug/kg	--	--	--	--	--	--	--	56 U	58 U	56 U	59 U	55 U	52 U	54 U
SW8260B		Xylene, Meta + Para	ug/kg	--	--	--	--	--	--	--	110 U	120 U	110 U	120 U	110 U	100 U	110 U
SW8270C	120-82-1	1,2,4-Trichlorobenzene	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	95-50-1	1,2-Dichlorobenzene	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	541-73-1	1,3-Dichlorobenzene	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	106-46-7	1,4-Dichlorobenzene	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	95-95-4	2,4,5-Trichlorophenol	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	88-06-2	2,4,6-Trichlorophenol	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	120-83-2	2,4-Dichlorophenol	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	105-67-9	2,4-Dimethylphenol	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	51-28-5	2,4-Dinitrophenol	ug/kg	--	--	--	--	--	--	--	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
SW8270C	121-14-2	2,4-Dinitrotoluene	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	606-20-2	2,6-Dinitrotoluene	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	91-58-7	2-Chloronaphthalene	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	95-57-8	2-Chlorophenol	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	91-57-6	2-Methylnaphthalene	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	95-48-7	2-Methylphenol	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	88-74-4	2-Nitroaniline	ug/kg	--	--	--	--	--	--	--	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
SW8270C	88-75-5	2-Nitrophenol	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	91-94-1	3,3-Dichlorobenzidine	ug/kg	--	--	--	--	--	--	--	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U
SW8270C	99-09-2	3-Nitroaniline	ug/kg	--	--	--	--	--	--	--	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
SW8270C	534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	--	--	--	--	--	--	--	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
SW8270C	101-55-3	4-Bromophenyl-phenylether	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	106-47-8	4-Chloroaniline	ug/kg	--	--	--	--	--	--	--	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
SW8270C	7005-72-3	4-Chlorophenyl-phenylether	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	106-44-5	4-Methylphenol	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	100-01-6	4-Nitroaniline	ug/kg	--	--	--	--	--	--	--	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
SW8270C	100-02-7	4-Nitrophenol	ug/kg	--	--	--	--	--	--	--	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
SW8270C	83-32-9	Acenaphthene	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	208-96-8	Acenaphthylene	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	120-12-7	Anthracene	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	56-55-3	Benz(a)anthracene	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	92-87-5	Benzidine	ug/kg	--	--	--	--	--	--	--	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U
SW8270C	50-32-8	Benzo(a)pyrene	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	205-99-2	Benzo(b)fluoranthene	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	191-24-2	Benzo(g,h,i)perylene	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	207-08-9	Benzo(k)fluoranthene	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	65-85-0	Benzoic acid	ug/kg	--	--	--	--	--	--	--	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U
SW8270C	100-51-6	Benzyl alcohol	ug/kg	--	--	--	--	--	--	--	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U
SW8270C	111-91-1	bis(2-Chloroethoxy)methane	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	111-44-4	bis(2-Chloroethyl)ether	ug/kg	--	--	--	--	--	--	--	100 U	100 U	100 U	100 U	100 U	100 U	100 U
SW8270C	108-60-1	bis(2-Chloroisopropyl)ether	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	--	--	--	--	--	--	--	16 J	19 J	18 J	18 J	18 J	21 J	23 J
SW8270C	85-68-7	Butyl benzyl phthalate	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	86-74-8	Carbazole	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	218-01-9	Chrysene	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	53-70-3	Dibenz(a,h)anthracene	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	132-64-9	Dibenzofuran	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	84-66-2	Diethylphthalate	ug/kg	--	--	--	--	--	--	--	3 J	330 U	3 J	3 J	4 J	330 U	5 J
SW8270C	131-11-3	Dimethyl phthalate	ug/kg	--	--	--	--	--	--	--	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U
SW8270C	84-74-2	Di-N-Butyl phthalate	ug/kg	--	--	--	--	--	--	--	39 J	36 J	36 J	33 J	33 J	45 J	55 J
SW8270C	117-84-0	Di-N-Octyl phthalate	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	206-44-0	Fluoranthene	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	86-73-7	Fluorene	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	118-74-1	Hexachlorobenzene	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	87-68-3	Hexachlorobutadiene	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	77-47-4	Hexachlorocyclopentadiene	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	67-72-1	Hexachloroethane	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	78-59-1	Isophorone	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	91-20-3	Naphthalene	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	98-95-3	Nitrobenzene	ug/kg	--	--	--	--	--	--	--	200 U	200 U	200 U	200 U	200 U	200 U	200 U
SW8270C	621-64-7	N-Nitroso-di-N-propylamine	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	86-30-6	N-Nitrosodiphenylamine	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	59-50-7	p-Chloro-m-cresol	ug/kg	--	--	--	--	--	--	--	10 J	10 J	11 J	32 J	25 J	330 U	29 J
SW8270C	87-86-5	Pentachlorophenol	ug/kg	--	--	--	--	--	--	--	800 U	800 U	800 U	800 U	800 U	800 U	800 U
SW8270C	85-01-8	Phenanthrene	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	108-95-2	Phenol	ug/kg	--	--	--	--	--	--	--	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	129-00-0	Pyrene	ug/kg	--	--	--	--	--	--	--	2 J	330 U	330 U	330 U	330 U	330 U	330 U
SW9014	57-12-5	Cyanide, Total	mg/kg	0.2 U	0.033 J	0.2 U	0.2 U	0.24	0.06 J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.1	0.08 J

NOTES:
U = Non-detect, value is reporting limit
J = Estimated value below reporting limit
NA = Parameter not analyzed
B = Blank qualified result
--- = Parameter not analyzed

APPENDIX A
SUBSURFACE SOIL DATA
JCI FOWLERVILLE

			Field Sample ID	MD56-0203- 091003-01	MD57-0304- 091003-01	MD58-0405- 091103-01	MD59-0304- 091103-01	MD60-0203- 091103-01	MD61-0203- 091103-01	MD62-0203- 091103-01	MD65-0203- 091103-01	MD66-0203- 091103-01	MD70-0304- 091103-01	MD71-0203- 091103-01	MD72-0304- 091103-01	MD73-0304- 091103-01	MD74-0405- 091103-01
			Sample Date	9/10/2003	9/10/2003	9/11/2003	9/11/2003	9/11/2003	9/11/2003	9/11/2003	9/11/2003	9/11/2003	9/11/2003	9/11/2003	9/11/2003	9/11/2003	9/11/2003
			Location ID	MD56	MD57	MD58	MD59	MD60	MD61	MD62	MD65	MD66	MD70	MD71	MD72	MD73	MD74
			Depth	2 - 3	3 - 4	4 - 5	3 - 4	2 - 3	2 - 3	2 - 3	2 - 3	2 - 3	3 - 4	2 - 3	3 - 4	3 - 4	4 - 5
Method	CAS #	Parameter	Result Units														
E160.3	SOLID	Percent Solids	%	92	90	84	68	46	54	44	57	68	76	77	87	90	89
SW6020	7440-38-2	Arsenic, Total	mg/kg	18	21	5.4	13	25	17	30	8.9	36	24	11	5.6	3.2	11
SW6020	7440-39-3	Barium, Total	mg/kg	58	49	23	103	182	163	238	67	151	408	231	73	44	40
SW6020	7440-43-9	Cadmium, Total	mg/kg	0.088	0.1	0.068	0.46	0.79	0.54	0.95	0.47	0.66	1.8	1.8	0.38	0.04 J	0.1
SW6020	7440-47-3	Chromium, Total	mg/kg	11	15	11	18	81	25	89	15	38	69	57	21	19	19
SW6020	7440-50-8	Copper, Total	mg/kg	9.8	21	5	14	58	19	74	19	53	113	121	25	11	11
SW6020	7439-92-1	Lead, Total	mg/kg	5.6	9.6	3.2	5.9	15	8.7	27	6.8	38	42	25	14	5.2	6.1
SW6020	7440-02-0	Nickel, Total	mg/kg	19	23	8.7	12	31	14	35	13	26	49	39	13	18	21
SW6020	7782-49-2	Selenium, Total	mg/kg	0.41	0.43	0.24 U	0.3 U	0.82	0.31 J	0.46 U	0.36 U	0.27 J	1.8	0.48	0.22 J	0.21 J	0.23 U
SW6020	7440-22-4	Silver, Total	mg/kg	0.086 J	0.13 J	0.05 J	0.08 J	0.15 J	0.11 J	0.26 J	0.1 J	0.24 J	0.62 J	0.37 J	0.14 J	0.081 J	0.11 J
SW6020	7440-66-6	Zinc, Total	mg/kg	35	69	15	46	132	56	143	38	88	144	113	53	31	38
SW7196	18540-29-9	Chromium(VI)	mg/kg	2 U	2 U	31 U	42 U	4.5	56 U	68 U	66 U	48 U	46 U	43 U	4.7 J	2 U	2 U
SW7471	7439-97-6	Mercury, Total	mg/kg	0.0086 J	0.1 U	0.01 J	0.053 J	0.16	0.089 J	0.14	0.035 J	0.13	0.022 J	0.049 J	0.087 J	0.02 J	0.1 U
SW8082	12674-11-2	PCB-1016	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8082	11104-28-2	PCB-1221	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8082	11141-16-5	PCB-1232	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8082	53469-21-9	PCB-1242	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8082	12672-29-6	PCB-1248	ug/kg	320 J	200 J	330 U	330 U	14 J	330 U	330 U	330 U	330 U	330 U	330 U	15 J	11 J	11 J
SW8082	11097-69-1	PCB-1254	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	22 J	330 U	46 J	85 J	41 J	330 U	330 U	330 U
SW8082	11096-82-5	PCB-1260	ug/kg	94 J	26 J	330 U	330 U	330 U	330 U	40 J	330 U	25 J	26 J	330 U	330 U	330 U	330 U
SW8260B	630-20-6	1,1,1,2-Tetrachloroethane	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	71-55-6	1,1,1-Trichloroethane	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	79-00-5	1,1,2-Trichloroethane	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	75-34-3	1,1-Dichloroethane	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	75-35-4	1,1-Dichloroethene	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	26295-23-8	Dichloropropylene	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	87-61-6	1,2,3-Trichlorobenzene	ug/kg	270 U	290 U	290 U	380 U	700 U	490 U	590 U	460 U	320 U	330 U	360 U	290 U	270 U	280 U
SW8260B	96-18-4	1,2,3-Trichloropropane	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	120-82-1	1,2,4-Trichlorobenzene	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	95-63-6	1,2,4-Trimethylbenzene	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	95-50-1	1,2-Dichlorobenzene	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	107-06-2	1,2-Dichloroethane	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	78-87-5	1,2-Dichloropropane	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	108-67-8	1,3,5-Trimethylbenzene	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	541-73-1	1,3-Dichlorobenzene	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	142-28-9	1,3-Dichloropropane	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	106-46-7	1,4-Dichlorobenzene	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	594-20-7	2,2-Dichloropropane	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	95-49-8	2-Chlorotoluene	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	591-78-6	2-Hexanone	ug/kg	540 U	580 U	590 U	760 U	1400 U	970 U	1200 U	910 U	650 U	660 U	720 U	570 U	540 U	560 U
SW8260B	106-43-4	4-Chlorotoluene	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	99-87-6	4-Isopropyltoluene	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	108-10-1	4-Methyl-2-pentanone	ug/kg	540 U	580 U	590 U	760 U	1400 U	970 U	1200 U	910 U	650 U	660 U	720 U	570 U	540 U	560 U
SW8260B	67-64-1	Acetone	ug/kg	540 U	580 U	590 U	760 U	1400 U	970 U	1200 U	910 U	650 U	660 U	720 U	570 U	540 U	560 U
SW8260B	71-43-2	Benzene	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	108-86-1	Bromobenzene	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	74-97-5	Bromochloromethane	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	75-25-2	Bromoform	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	74-83-9	Bromomethane	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	75-15-0	Carbon disulfide	ug/kg	540 U	580 U	590 U	760 U	1400 U	970 U	1200 U	910 U	650 U	660 U	720 U	570 U	540 U	560 U
SW8260B	56-23-5	Carbon tetrachloride	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	108-90-7	Chlorobenzene	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	75-00-3	Chloroethane	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	67-66-3	Chloroform	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	74-87-3	Chloromethane	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	156-59-2	cis-1,2-Dichloroethene	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	10061-01-5	cis-1,3-Dichloropropene	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	124-48-1	Dibromochloromethane	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	74-95-3	Dibromomethane	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	75-27-4	Dichlorobromomethane	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	75-71-8	Dichlorodifluoromethane	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	100-41-4	Ethylbenzene	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	106-93-4	Ethylene dibromide	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	87-68-3	Hexachlorobutadiene	ug/kg	270 U	290 U	290 U	380 U	700 U	490 U	590 U	460 U	320 U	330 U	360 U	290 U	270 U	280 U
SW8260B	98-82-8	Isopropylbenzene	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	78-93-3	Methyl ethyl ketone	ug/kg	540 U	580 U	590 U	760 U	1400 U	970 U	1200 U	910 U	650 U	660 U	720 U	570 U	540 U	560 U
SW8260B	1634-04-4	Methyl tert butyl ether	ug/kg	540 U	580 U	590 U	760 U	1400 U	970 U	1200 U	910 U	650 U	660 U	720 U	570 U	540 U	560 U
SW8260B	108-88-3	Toluene	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SW8260B	75-09-2	Methylene chloride	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	71	56 U
SW8260B	91-20-3	Naphthalene	ug/kg	270 U	290 U	290 U	380 U	700 U	490 U	590 U	460 U	320 U	330 U	360 U	290 U	270 U	280 U
SW8260B	104-51-8	n-Butylbenzene	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	103-65-1	n-Propylbenzene	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	95-47-6	o-Xylene	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	135-98-8	sec-Butylbenzene	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	100-42-5	Styrene	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	98-06-6	tert-Butylbenzene	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	127-18-4	Tetrachloroethene	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	108-88-3	Toluene	ug/kg	29 J	58 U	32 J	40 J	43 J	41 J	48 J	30 J	26 J	29 J	72 U	57 U	54 U	56 U
SW8260B	156-60-5	trans-1,2-Dichloroethylene	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	10061-02-6	trans-1,3-Dichloropropene	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	79-01-6	Trichloroethene	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U

APPENDIX A
SUBSURFACE SOIL DATA
JCI FOWLERVILLE

			Field Sample ID	MD56-0203- 091003-01	MD57-0304- 091003-01	MD58-0405- 091103-01	MD59-0304- 091103-01	MD60-0203- 091103-01	MD61-0203- 091103-01	MD62-0203- 091103-01	MD65-0203- 091103-01	MD66-0203- 091103-01	MD70-0304- 091103-01	MD71-0203- 091103-01	MD72-0304- 091103-01	MD73-0304- 091103-01	MD74-0405- 091103-01
			Sample Date	9/10/2003	9/10/2003	9/11/2003	9/11/2003	9/11/2003	9/11/2003	9/11/2003	9/11/2003	9/11/2003	9/11/2003	9/11/2003	9/11/2003	9/11/2003	9/11/2003
			Location ID	MD56	MD57	MD58	MD59	MD60	MD61	MD62	MD65	MD66	MD70	MD71	MD72	MD73	MD74
			Depth	2 - 3	3 - 4	4 - 5	3 - 4	2 - 3	2 - 3	2 - 3	2 - 3	2 - 3	3 - 4	2 - 3	3 - 4	3 - 4	4 - 5
Method	CAS #	Parameter	Result Units														
SW8260B	75-69-4	Trichlorofluoromethane	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B	75-01-4	Vinyl chloride	ug/kg	54 U	58 U	59 U	76 U	140 U	97 U	120 U	91 U	65 U	66 U	72 U	57 U	54 U	56 U
SW8260B		Xylene, Meta + Para	ug/kg	110 U	120 U	120 U	150 U	280 U	200 U	240 U	180 U	130 U	130 U	140 U	110 U	110 U	110 U
SW8270C	120-82-1	1,2,4-Trichlorobenzene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	95-50-1	1,2-Dichlorobenzene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	541-73-1	1,3-Dichlorobenzene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	106-46-7	1,4-Dichlorobenzene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	95-95-4	2,4,5-Trichlorophenol	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	88-06-2	2,4,6-Trichlorophenol	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	120-83-2	2,4-Dichlorophenol	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	105-67-9	2,4-Dimethylphenol	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	51-28-5	2,4-Dinitrophenol	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
SW8270C	121-14-2	2,4-Dinitrotoluene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	606-20-2	2,6-Dinitrotoluene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	91-58-7	2-Chloronaphthalene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	95-57-8	2-Chlorophenol	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	91-57-6	2-Methylnaphthalene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	95-48-7	2-Methylphenol	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	88-74-4	2-Nitroaniline	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
SW8270C	88-75-5	2-Nitrophenol	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	91-94-1	3,3-Dichlorobenzidine	ug/kg	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U
SW8270C	99-09-2	3-Nitroaniline	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
SW8270C	534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
SW8270C	101-55-3	4-Bromophenyl-phenylether	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	106-47-8	4-Chloroaniline	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
SW8270C	7005-72-3	4-Chlorophenyl-phenylether	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	106-44-5	4-Methylphenol	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	100-01-6	4-Nitroaniline	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
SW8270C	100-02-7	4-Nitrophenol	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
SW8270C	83-32-9	Acenaphthene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	208-96-8	Acenaphthylene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	4 J	2 J	330 U	330 U	330 U
SW8270C	120-12-7	Anthracene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	8 J	8 J	330 U	330 U	330 U
SW8270C	56-55-3	Benz(a)anthracene	ug/kg	330 U	330 U	330 U	23 J	330 U	330 U	330 U	330 U	330 U	61 J	30 J	330 U	330 U	330 U
SW8270C	92-87-5	Benzidine	ug/kg	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U
SW8270C	50-32-8	Benzo(a)pyrene	ug/kg	330 U	330 U	330 U	16 J	330 U	12 J	20 J	330 U	22 J	73 J	32 J	14 J	330 U	330 U
SW8270C	205-99-2	Benzo(b)fluoranthene	ug/kg	330 U	330 U	330 U	18 J	330 U	330 U	24 J	330 U	31 J	100 J	43 J	21 J	330 U	330 U
SW8270C	191-24-2	Benzo(g,h,i)perylene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	17 J	74 J	30 J	17 J	330 U	330 U
SW8270C	207-08-9	Benzo(k)fluoranthene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	37 J	19 J	330 U	330 U	330 U
SW8270C	65-85-0	Benzoic acid	ug/kg	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U
SW8270C	100-51-6	Benzyl alcohol	ug/kg	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U
SW8270C	111-91-1	bis(2-Chloroethoxy)methane	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	111-44-4	bis(2-Chloroethyl)ether	ug/kg	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
SW8270C	108-60-1	bis(2-Chloroisopropyl)ether	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	27 J	23 J	18 J	48 J	48 J	52 J	53 J	25 J	29 J	47 J	23 J	16 J	18 J	16 J
SW8270C	85-68-7	Butyl benzyl phthalate	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	40 J	10 J	7 J	330 U	330 U
SW8270C	86-74-8	Carbazole	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	218-01-9	Chrysene	ug/kg	330 U	330 U	330 U	22 J	330 U	330 U	330 U	330 U	25 J	65 J	34 J	14 J	330 U	330 U
SW8270C	53-70-3	Dibenz(a,h)anthracene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	13 J	8 J	330 U	330 U	330 U
SW8270C	132-64-9	Dibenzofuran	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	84-66-2	Diethylphthalate	ug/kg	330 U	330 U	3 J	5 J	8 J	5 J	5 J	330 U	3 J	330 U	330 U	330 U	3 J	330 U
SW8270C	131-11-3	Dimethyl phthalate	ug/kg	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U
SW8270C	84-74-2	Di-N-Butyl phthalate	ug/kg	38 J	38 J	33 J	52 J	78 J	62 J	60 J	34 J	27 J	19 J	17 J	18 J	49 J	16 J
SW8270C	117-84-0	Di-N-Octyl phthalate	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	206-44-0	Fluoranthene	ug/kg	330 U	330 U	5 J	330 U	21 J	23 J	35 J	330 U	58 J	170 J	94 J	33 J	330 U	330 U
SW8270C	86-73-7	Fluorene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	118-74-1	Hexachlorobenzene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	87-68-3	Hexachlorobutadiene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	77-47-4	Hexachlorocyclopentadiene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	67-72-1	Hexachloroethane	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	330 U	330 U	330 U	12 J	330 U	330 U	13 J	330 U	10 J	58 J	23 J	10 J	330 U	330 U
SW8270C	78-59-1	Isophorone	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	91-20-3	Naphthalene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	98-95-3	Nitrobenzene	ug/kg	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
SW8270C	621-64-7	N-Nitroso-di-N-propylamine	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	86-30-6	N-Nitrosodiphenylamine	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	59-50-7	p-Chloro-m-cresol	ug/kg	330 U	330 U	16 J	38 J	73 J	55 J	43 J	18 J	13 J	20 J	330 U	330 U	25 J	15 J
SW8270C	87-86-5	Pentachlorophenol	ug/kg	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U
SW8270C	85-01-8	Phenanthrene	ug/kg	330 U	330 U	330 U	31 J	8 J	7 J	11 J	330 U	24 J	43 J	36 J	11 J	330 U	330 U
SW8270C	108-95-2	Phenol	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	129-00-0	Pyrene	ug/kg	330 U	3 J	4 J	52 J	18 J	25 J	34 J	330 U	47 J	130 J	71 J	26 J	5 J	330 U
SW9014	57-12-5	Cyanide, Total	mg/kg	0.06 J	0.15 J	0.2 U	0.09 J	0.2	0.21	0.08 J	0.08 J	0.09 J	0.2 U	0.04 J	0.12 J	0.05 J	0.2 U

NOTES:
U = Non-detect, value is reporting limit
J = Estimated value below reporting limit
NA = Parameter not analyzed
B = Blank qualified result
--- = Parameter not analyzed

APPENDIX A
SUBSURFACE SOIL DATA
JCI FOWLERVILLE

			Field Sample ID	MD74-0405- 091103-02	MD75-0203- 091103-01	MD76-0203- 091103-01	MD77-0506- 091103-01	MD78-0304- 091103-01	MD79-0405- 091103-01	MD80-0203- 091103-01	MD81-0304- 091203-01	MD81-0304- 091203-02	MD82-0405- 091203-01	MD83-0405- 091203-01	MD84-0405- 091203-01	MD85-0405- 091203-01	MD86-0405- 091203-01
			Sample Date	9/11/2003	9/11/2003	9/11/2003	9/11/2003	9/11/2003	9/11/2003	9/11/2003	9/12/2003	9/12/2003	9/12/2003	9/12/2003	9/12/2003	9/12/2003	9/12/2003
			Location ID	MD74	MD75	MD76	MD77	MD78	MD79	MD80	MD81	MD81	MD82	MD83	MD84	MD85	MD86
			Depth	4 - 5	2 - 3	2 - 3	5 - 6	3 - 4	4 - 5	2 - 3	3 - 4	3 - 4	4 - 5	4 - 5	4 - 5	4 - 5	4 - 5
Method	CAS #	Parameter	Result Units														
E160.3	SOLID	Percent Solids	%	88	89	86	88	82	91	92	87	89	82	91	92	90	92
SW6020	7440-38-2	Arsenic, Total	mg/kg	16	3	3.5	3.1	1.9	3.8	18	1.4	1.9	18	10	14	5.6	11
SW6020	7440-39-3	Barium, Total	mg/kg	38	44	25	29	117	32	76	5	6	11	30	18	26	37
SW6020	7440-43-9	Cadmium, Total	mg/kg	0.11	0.066	0.059	0.063	0.094	0.073	0.086	0.035 J	0.036 J	0.088	0.065	0.079	0.1	0.074
SW6020	7440-47-3	Chromium, Total	mg/kg	14	12	8.8	8.7	15	11	12	5.7	5.6	5.1	14	7.5	11	12
SW6020	7440-50-8	Copper, Total	mg/kg	12	6.9	6.9	7.2	7.8	9.7	8.4	23	12	9.2	17	7.2	8.1	13
SW6020	7439-92-1	Lead, Total	mg/kg	6.5	4.7	4.5	4.3	6.9	5	5.6	2	1.8	3.9	5	4.2	4.7	5.4
SW6020	7440-02-0	Nickel, Total	mg/kg	19	13	9.1	10	9.4	13	13	5.5	5.1	12	21	11	13	13
SW6020	7782-49-2	Selenium, Total	mg/kg	0.22 J	0.23 U	0.21 J	0.29	0.21 J	0.23	0.2 J	0.13 J	0.12 J	0.28	0.31	0.24	0.23	0.26
SW6020	7440-22-4	Silver, Total	mg/kg	0.11 J	0.087 J	0.1 J	0.11 J	0.13 J	0.099 J	0.091 J	0.025 J	0.023 J	0.03 J	0.078 J	0.049 J	0.057 J	0.067 J
SW6020	7440-66-6	Zinc, Total	mg/kg	29	22	26	22	26	25	26	13	14	20	31	22	28	26
SW7196	18540-29-9	Chromium(VI)	mg/kg	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
SW7471	7439-97-6	Mercury, Total	mg/kg	0.1 U	0.1 U	0.1 U	0.1 U	0.013 J	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
SW8082	12674-11-2	PCB-1016	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8082	11104-28-2	PCB-1221	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8082	11141-16-5	PCB-1232	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8082	53469-21-9	PCB-1242	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8082	12672-29-6	PCB-1248	ug/kg	12 J	11 J	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	8.1 J	19 J	8.1 J	8.6 J
SW8082	11097-69-1	PCB-1254	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8082	11096-82-5	PCB-1260	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8260B	**630-20-6**	**1,1,1,2-Tetrachloroethane**	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	**71-55-6**	**1,1,1-Trichloroethane**	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	**79-34-5**	**1,1,2,2-Tetrachloroethane**	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	**79-00-5**	**1,1,2-Trichloroethane**	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	75-34-3	1,1-Dichloroethane	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	75-35-4	1,1-Dichloroethene	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	26295-23-8	Dichloropropylene	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	87-61-6	1,2,3-Trichlorobenzene	ug/kg	290 U	290 U	270 U	290 U	300 U	300 U	250 U	280 U	280 U	310 U	280 U	270 U	250 U	270 U
SW8260B	96-18-4	1,2,3-Trichloropropane	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	120-82-1	1,2,4-Trichlorobenzene	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	95-63-6	1,2,4-Trimethylbenzene	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	95-50-1	1,2-Dichlorobenzene	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	107-06-2	1,2-Dichloroethane	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	78-87-5	1,2-Dichloropropane	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	108-67-8	1,3,5-Trimethylbenzene	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	541-73-1	1,3-Dichlorobenzene	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	142-28-9	1,3-Dichloropropane	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	106-46-7	1,4-Dichlorobenzene	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	594-20-7	2,2-Dichloropropane	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	95-49-8	2-Chlorotoluene	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	591-78-6	2-Hexanone	ug/kg	570 U	580 U	550 U	570 U	590 U	590 U	500 U	570 U	560 U	620 U	560 U	540 U	500 U	550 U
SW8260B	106-43-4	4-Chlorotoluene	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	99-87-6	4-Isopropyltoluene	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	108-10-1	4-Methyl-2-pentanone	ug/kg	570 U	580 U	550 U	570 U	590 U	590 U	500 U	570 U	560 U	620 U	560 U	540 U	500 U	550 U
SW8260B	67-64-1	Acetone	ug/kg	570 U	580 U	550 U	570 U	590 U	590 U	500 U	570 U	560 U	620 U	560 U	540 U	500 U	550 U
SW8260B	71-43-2	Benzene	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	108-86-1	Bromobenzene	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	74-97-5	Bromochloromethane	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	75-25-2	Bromoform	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	74-83-9	Bromomethane	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	75-15-0	Carbon disulfide	ug/kg	570 U	580 U	550 U	570 U	590 U	590 U	500 U	570 U	560 U	620 U	560 U	540 U	500 U	550 U
SW8260B	56-23-5	Carbon tetrachloride	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	108-90-7	Chlorobenzene	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	75-00-3	Chloroethane	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	67-66-3	Chloroform	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	74-87-3	Chloromethane	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	156-59-2	cis-1,2-Dichloroethene	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	96	26 J
SW8260B	10061-01-5	cis-1,3-Dichloropropene	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	124-48-1	Dibromochloromethane	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	74-95-3	Dibromomethane	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	75-27-4	Dichlorobromomethane	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	75-71-8	Dichlorodifluoromethane	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	100-41-4	Ethylbenzene	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	106-93-4	Ethylene dibromide	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	87-68-3	Hexachlorobutadiene	ug/kg	290 U	290 U	270 U	290 U	300 U	300 U	250 U	280 U	280 U	310 U	280 U	270 U	250 U	270 U
SW8260B	98-82-8	Isopropylbenzene	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	78-93-3	Methyl ethyl ketone	ug/kg	570 U	580 U	550 U	570 U	590 U	590 U	500 U	570 U	560 U	620 U	560 U	540 U	500 U	550 U
SW8260B	1634-04-4	Methyl tert butyl ether	ug/kg	570 U	580 U	550 U	570 U	590 U	590 U	500 U	570 U	560 U	620 U	560 U	540 U	500 U	550 U
SW8260B	108-88-3	Toluene	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SW8260B	75-09-2	Methylene chloride	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	61	67
SW8260B	91-20-3	Naphthalene	ug/kg	290 U	290 U	270 U	290 U	300 U	300 U	250 U	280 U	280 U	310 U	280 U	270 U	250 U	270 U
SW8260B	104-51-8	n-Butylbenzene	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	103-65-1	n-Propylbenzene	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	95-47-6	o-Xylene	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	135-98-8	sec-Butylbenzene	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	100-42-5	Styrene	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	98-06-6	tert-Butylbenzene	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	127-18-4	Tetrachloroethene	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	108-88-3	Toluene	ug/kg	57 U	58 U	55 U	57 U	15 J	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	156-60-5	trans-1,2-Dichloroethylene	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	10061-02-6	trans-1,3-Dichloropropene	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	79-01-6	Trichloroethene	ug/kg	57 U	58 U	55 U	57 U	59 U	250	50 U	57 U	56 U	62 U	56 U	54 U	29 J	130

APPENDIX A
SUBSURFACE SOIL DATA
JCI FOWLERVILLE

			Field Sample ID	MD74-0405- 091103-02	MD75-0203- 091103-01	MD76-0203- 091103-01	MD77-0506- 091103-01	MD78-0304- 091103-01	MD79-0405- 091103-01	MD80-0203- 091103-01	MD81-0304- 091203-01	MD81-0304- 091203-02	MD82-0405- 091203-01	MD83-0405- 091203-01	MD84-0405- 091203-01	MD85-0405- 091203-01	MD86-0405- 091203-01
			Sample Date	9/11/2003	9/11/2003	9/11/2003	9/11/2003	9/11/2003	9/11/2003	9/11/2003	9/12/2003	9/12/2003	9/12/2003	9/12/2003	9/12/2003	9/12/2003	9/12/2003
			Location ID	MD74	MD75	MD76	MD77	MD78	MD79	MD80	MD81	MD81	MD82	MD83	MD84	MD85	MD86
			Depth	4 - 5	2 - 3	2 - 3	5 - 6	3 - 4	4 - 5	2 - 3	3 - 4	3 - 4	4 - 5	4 - 5	4 - 5	4 - 5	4 - 5
Method	CAS #	Parameter	Result Units														
SW8260B	75-69-4	Trichlorofluoromethane	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B	75-01-4	Vinyl chloride	ug/kg	57 U	58 U	55 U	57 U	59 U	59 U	50 U	57 U	56 U	62 U	56 U	54 U	50 U	55 U
SW8260B		Xylene, Meta + Para	ug/kg	110 U	120 U	110 U	110 U	120 U	120 U	100 U	110 U	110 U	120 U	110 U	110 U	100 U	110 U
SW8270C	120-82-1	1,2,4-Trichlorobenzene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	95-50-1	1,2-Dichlorobenzene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	9 J	8 J	330 U	330 U	330 U	330 U	330 U
SW8270C	541-73-1	1,3-Dichlorobenzene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	106-46-7	1,4-Dichlorobenzene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	95-95-4	2,4,5-Trichlorophenol	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	88-06-2	2,4,6-Trichlorophenol	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	120-83-2	2,4-Dichlorophenol	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	105-67-9	2,4-Dimethylphenol	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	51-28-5	2,4-Dinitrophenol	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
SW8270C	121-14-2	2,4-Dinitrotoluene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	606-20-2	2,6-Dinitrotoluene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	91-58-7	2-Chloronaphthalene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	95-57-8	2-Chlorophenol	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	91-57-6	2-Methylnaphthalene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	16 J	6 J	4 J
SW8270C	95-48-7	2-Methylphenol	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	88-74-4	2-Nitroaniline	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
SW8270C	88-75-5	2-Nitrophenol	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	91-94-1	3,3-Dichlorobenzidine	ug/kg	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U
SW8270C	99-09-2	3-Nitroaniline	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
SW8270C	534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
SW8270C	101-55-3	4-Bromophenyl-phenylether	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	106-47-8	4-Chloroaniline	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
SW8270C	7005-72-3	4-Chlorophenyl-phenylether	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	106-44-5	4-Methylphenol	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	100-01-6	4-Nitroaniline	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
SW8270C	100-02-7	4-Nitrophenol	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
SW8270C	83-32-9	Acenaphthene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	4 J	3 J
SW8270C	208-96-8	Acenaphthylene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	120-12-7	Anthracene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	56-55-3	Benz(a)anthracene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	92-87-5	Benzidine	ug/kg	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U
SW8270C	50-32-8	Benzo(a)pyrene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	205-99-2	Benzo(b)fluoranthene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	191-24-2	Benzo(g,h,i)perylene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	15 J	330 U	330 U	10 J
SW8270C	207-08-9	Benzo(k)fluoranthene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	65-85-0	Benzoic acid	ug/kg	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U
SW8270C	100-51-6	Benzyl alcohol	ug/kg	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U
SW8270C	111-91-1	bis(2-Chloroethoxy)methane	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	111-44-4	bis(2-Chloroethyl)ether	ug/kg	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
SW8270C	108-60-1	bis(2-Chloroisopropyl)ether	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	11 J	14 J	21 J	19 J	23 J	26 J	23 J	20 J	26 J	31 J	29 J	900	21 J	19 J
SW8270C	85-68-7	Butyl benzyl phthalate	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	86-74-8	Carbazole	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	218-01-9	Chrysene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	53-70-3	Dibenz(a,h)anthracene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	132-64-9	Dibenzofuran	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	4 J	330 U	330 U	330 U
SW8270C	84-66-2	Diethylphthalate	ug/kg	330 U	330 U	330 U	3 J	4 J	5 J	3 J	5 J	5 J	5 J	330 U	330 U	330 U	330 U
SW8270C	131-11-3	Dimethyl phthalate	ug/kg	3300 U	3300 U	3 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U
SW8270C	84-74-2	Di-N-Butyl phthalate	ug/kg	16 J	16 J	52 J	57 J	63 J	60 J	54 J	56 J	63 J	89 J	50 J	48 J	52 J	50 J
SW8270C	117-84-0	Di-N-Octyl phthalate	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	206-44-0	Fluoranthene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	3 J	16 J	330 U	8 J	330 U	4 J	4 J
SW8270C	86-73-7	Fluorene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	3 J	2 J
SW8270C	118-74-1	Hexachlorobenzene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	87-68-3	Hexachlorobutadiene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	77-47-4	Hexachlorocyclopentadiene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	67-72-1	Hexachloroethane	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	78-59-1	Isophorone	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	91-20-3	Naphthalene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	4 J	330 U
SW8270C	98-95-3	Nitrobenzene	ug/kg	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
SW8270C	621-64-7	N-Nitroso-di-N-propylamine	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	86-30-6	N-Nitrosodiphenylamine	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	59-50-7	p-Chloro-m-cresol	ug/kg	330 U	330 U	19 J	15 J	33 J	26 J	23 J	17 J	15 J	45 J	26 J	330 U	30 J	29 J
SW8270C	87-86-5	Pentachlorophenol	ug/kg	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U
SW8270C	85-01-8	Phenanthrene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	8 J	330 U	10 J	8 J	6 J	4 J
SW8270C	108-95-2	Phenol	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	129-00-0	Pyrene	ug/kg	330 U	330 U	330 U	330 U	330 U	2 J	330 U	5 J	12 J	3 J	17 J	5 J	7 J	7 J
SW9014	57-12-5	Cyanide, Total	mg/kg	0.04 J	0.2 U	0.2 U	0.65	0.2 U	0.2 U	0.04 J	0.33	1.9	0.93	0.12 J	0.04 J	0.05 J	0.2 U

NOTES:
U = Non-detect, value is reporting limit
J = Estimated value below reporting limit
NA = Parameter not analyzed
B = Blank qualified result
--- = Parameter not analyzed

APPENDIX A
SUBSURFACE SOIL DATA
JCI FOWLERVILLE

			Field Sample ID	MD87-0405- 091203-01	MD88-0608- 091603-01	MD89-0608- 091603-01	MD90-0608- 091603-01	MD91-0507- 091603-01	MD92-0406- 091603-01	MD93-0405- 091603-01	MD94-0405- 091603-01	MD94-0405- 091603-02	MD95-0606- 091603-01	MS01-0303- 101903-01	MS03-0404- 101903-01	MS04-0303- 101903-01
			Sample Date	9/12/2003	9/16/2003	9/16/2003	9/16/2003	9/16/2003	9/16/2003	9/16/2003	9/16/2003	9/16/2003	9/16/2003	10/19/2003	10/19/2003	10/19/2003
			Location ID	MD87	MD88	MD89	MD90	MD91	MD92	MD93	MD94	MD94	MD95	MS01	MS03	MS04
			Depth	4 - 5	6 - 8	6 - 8	6 - 8	5 - 7	4 - 6	4 - 5	4 - 5	4 - 5	6 - 6	3 - 3	4 - 4	3 - 3
Method	CAS #	Parameter	Result Units													
E160.3	SOLID	Percent Solids	%	87	90	90	90	88	83	91	91	90	87	88	85	90
SW6020	7440-38-2	Arsenic, Total	mg/kg	4.9	1.7	2.4	12	2.9	6.3	3.7	4.5	6.9	11	20	38	8.2
SW6020	7440-39-3	Barium, Total	mg/kg	6.5	28	16	49	44	158	18	76	90	47	43	53	37
SW6020	7440-43-9	Cadmium, Total	mg/kg	0.022 J	0.068	0.077	0.083	0.086	0.25	0.11	0.09	0.08	0.074	0.073	0.19	0.1
SW6020	7440-47-3	Chromium, Total	mg/kg	5.5	11	11	15	15	19	10	15	14	13	13	32	34
SW6020	7440-50-8	Copper, Total	mg/kg	4.6	9.6	6.3	9.8	10	8.6	7.8	9.7	11	12	12	108	13
SW6020	7439-92-1	Lead, Total	mg/kg	3.1	5.3	4.1	5.6	6.8	9.6	5.2	6.2	6.1	6.7	6.3	6.1	5.1
SW6020	7440-02-0	Nickel, Total	mg/kg	26	14	10	18	18	14	13	17	18	17	15	19	18
SW6020	7782-49-2	Selenium, Total	mg/kg	0.14 J	0.45	0.29	0.45	0.46	0.25 U	0.36	0.46	0.48	0.33	0.81	0.87	0.83
SW6020	7440-22-4	Silver, Total	mg/kg	0.016 J	0.12 J	0.071 J	0.11 J	0.13 J	0.14 J	0.089 J	0.12 J	0.12 J	0.15 J	0.089	0.074	0.084
SW6020	7440-66-6	Zinc, Total	mg/kg	147	21	117	29	33	46	77	26	27	28	28	192	48
SW7196	18540-29-9	Chromium(VI)	mg/kg	2 U	2 U	1.3 J	2 U	2 U	8.9	2 U	2 U	2 U	2 U	2 U	2 U	2 U
SW7471	7439-97-6	Mercury, Total	mg/kg	0.1 U	0.01 J	0.015 J	0.011 J	0.015 J	0.07 J	0.013 J	0.014 J	0.016 J	0.014 J	0.1 U	0.012	0.0095
SW8082	12674-11-2	PCB-1016	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8082	11104-28-2	PCB-1221	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8082	11141-16-5	PCB-1232	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8082	53469-21-9	PCB-1242	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8082	12672-29-6	PCB-1248	ug/kg	330 U	330 U	100 J	330 U	330 U	330 U	36 J	190 J	6.4 J	330 U	21 J	38	240
SW8082	11097-69-1	PCB-1254	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8082	11096-82-5	PCB-1260	ug/kg	330 U	330 U	54 J	330 U	330 U	330 U	78 J	11 J	330 U	330 U	330 U	330 U	330 U
SW8260B	630-20-6	1,1,1,2-Tetrachloroethane	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	71-55-6	1,1,1-Trichloroethane	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	79-00-5	1,1,2-Trichloroethane	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	75-34-3	1,1-Dichloroethane	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	75-35-4	1,1-Dichloroethene	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	26295-23-8	Dichloropropylene	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	87-61-6	1,2,3-Trichlorobenzene	ug/kg	270 U	260 U	270 U	290 U	270 U	300 U	260 U	260 U	260 U	270 U	290 U	320 U	280 U
SW8260B	96-18-4	1,2,3-Trichloropropane	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	120-82-1	1,2,4-Trichlorobenzene	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	95-63-6	1,2,4-Trimethylbenzene	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	95-50-1	1,2-Dichlorobenzene	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	107-06-2	1,2-Dichloroethane	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	78-87-5	1,2-Dichloropropane	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	108-67-8	1,3,5-Trimethylbenzene	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	541-73-1	1,3-Dichlorobenzene	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	142-28-9	1,3-Dichloropropane	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	106-46-7	1,4-Dichlorobenzene	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	594-20-7	2,2-Dichloropropane	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	95-49-8	2-Chlorotoluene	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	591-78-6	2-Hexanone	ug/kg	540 U	520 U	530 U	580 U	540 U	600 U	530 U	510 U	530 U	550 U	590 U	650 U	560 U
SW8260B	106-43-4	4-Chlorotoluene	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	99-87-6	4-Isopropyltoluene	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	108-10-1	4-Methyl-2-pentanone	ug/kg	540 U	520 U	530 U	580 U	540 U	600 U	530 U	510 U	530 U	550 U	590 U	650 U	560 U
SW8260B	67-64-1	Acetone	ug/kg	540 U	520 U	530 U	580 U	540 U	600 U	530 U	510 U	530 U	550 U	590 U	650 U	560 U
SW8260B	71-43-2	Benzene	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	108-86-1	Bromobenzene	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	74-97-5	Bromochloromethane	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	75-25-2	Bromoform	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	74-83-9	Bromomethane	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	75-15-0	Carbon disulfide	ug/kg	540 U	520 U	530 U	580 U	540 U	600 U	530 U	510 U	530 U	550 U	590 U	650 U	560 U
SW8260B	56-23-5	Carbon tetrachloride	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	108-90-7	Chlorobenzene	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	75-00-3	Chloroethane	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	67-66-3	Chloroform	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	74-87-3	Chloromethane	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	156-59-2	cis-1,2-Dichloroethene	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	10061-01-5	cis-1,3-Dichloropropene	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	124-48-1	Dibromochloromethane	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	74-95-3	Dibromomethane	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	75-27-4	Dichlorobromomethane	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	75-71-8	Dichlorodifluoromethane	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	100-41-4	Ethylbenzene	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	106-93-4	Ethylene dibromide	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	87-68-3	Hexachlorobutadiene	ug/kg	270 U	260 U	270 U	290 U	270 U	300 U	260 U	260 U	260 U	270 U	290 U	320 U	280 U
SW8260B	98-82-8	Isopropylbenzene	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	78-93-3	Methyl ethyl ketone	ug/kg	540 U	520 U	530 U	580 U	540 U	600 U	530 U	510 U	530 U	550 U	240	160	560 U
SW8260B	1634-04-4	Methyl tert butyl ether	ug/kg	540 U	520 U	530 U	580 U	540 U	600 U	530 U	510 U	530 U	550 U	590 U	650 U	560 U
SW8260B	108-88-3	Toluene	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--
SW8260B	75-09-2	Methylene chloride	ug/kg	34 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	26 J	18	28
SW8260B	91-20-3	Naphthalene	ug/kg	270 U	260 U	270 U	290 U	270 U	300 U	260 U	260 U	260 U	270 U	290 U	320 U	280 U
SW8260B	104-51-8	n-Butylbenzene	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	103-65-1	n-Propylbenzene	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	95-47-6	o-Xylene	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	135-98-8	sec-Butylbenzene	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	100-42-5	Styrene	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	98-06-6	tert-Butylbenzene	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	127-18-4	Tetrachloroethene	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	108-88-3	Toluene	ug/kg	54 U	14 J	53 U	58 U	54 U	60 U	53 U	51 U	53 U	9.2 J	59 U	65 U	56 U
SW8260B	156-60-5	trans-1,2-Dichloroethylene	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	10061-02-6	trans-1,3-Dichloropropene	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	79-01-6	Trichloroethene	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U

APPENDIX A
SUBSURFACE SOIL DATA
JCI FOWLERVILLE

			Field Sample ID	MD87-0405- 091203-01	MD88-0608- 091603-01	MD89-0608- 091603-01	MD90-0608- 091603-01	MD91-0507- 091603-01	MD92-0406- 091603-01	MD93-0405- 091603-01	MD94-0405- 091603-01	MD94-0405- 091603-02	MD95-0606- 091603-01	MS01-0303- 101903-01	MS03-0404- 101903-01	MS04-0303- 101903-01
			Sample Date	9/12/2003	9/16/2003	9/16/2003	9/16/2003	9/16/2003	9/16/2003	9/16/2003	9/16/2003	9/16/2003	9/16/2003	10/19/2003	10/19/2003	10/19/2003
			Location ID	MD87	MD88	MD89	MD90	MD91	MD92	MD93	MD94	MD94	MD95	MS01	MS03	MS04
			Depth	4 - 5	6 - 8	6 - 8	6 - 8	5 - 7	4 - 6	4 - 5	4 - 5	4 - 5	6 - 6	3 - 3	4 - 4	3 - 3
Method	CAS #	Parameter	Result Units													
SW8260B	75-69-4	Trichlorofluoromethane	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B	75-01-4	Vinyl chloride	ug/kg	54 U	52 U	53 U	58 U	54 U	60 U	53 U	51 U	53 U	55 U	59 U	65 U	56 U
SW8260B		Xylene, Meta + Para	ug/kg	110 U	100 U	110 U	120 U	110 U	120 U	100 U	100 U	100 U	110 U	120 U	130 U	110 U
SW8270C	120-82-1	1,2,4-Trichlorobenzene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	95-50-1	1,2-Dichlorobenzene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	541-73-1	1,3-Dichlorobenzene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	106-46-7	1,4-Dichlorobenzene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	95-95-4	2,4,5-Trichlorophenol	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	88-06-2	2,4,6-Trichlorophenol	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	120-83-2	2,4-Dichlorophenol	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	105-67-9	2,4-Dimethylphenol	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	51-28-5	2,4-Dinitrophenol	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
SW8270C	121-14-2	2,4-Dinitrotoluene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	606-20-2	2,6-Dinitrotoluene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	91-58-7	2-Chloronaphthalene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	95-57-8	2-Chlorophenol	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	91-57-6	2-Methylnaphthalene	ug/kg	330 U	330 U	19 J	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	95-48-7	2-Methylphenol	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	88-74-4	2-Nitroaniline	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
SW8270C	88-75-5	2-Nitrophenol	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	91-94-1	3,3-Dichlorobenzidine	ug/kg	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U
SW8270C	99-09-2	3-Nitroaniline	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
SW8270C	534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
SW8270C	101-55-3	4-Bromophenyl-phenylether	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	106-47-8	4-Chloroaniline	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
SW8270C	7005-72-3	4-Chlorophenyl-phenylether	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	106-44-5	4-Methylphenol	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	100-01-6	4-Nitroaniline	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
SW8270C	100-02-7	4-Nitrophenol	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
SW8270C	83-32-9	Acenaphthene	ug/kg	330 U	330 U	2 J	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	208-96-8	Acenaphthylene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	120-12-7	Anthracene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	56-55-3	Benz(a)anthracene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	92-87-5	Benzidine	ug/kg	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U
SW8270C	50-32-8	Benzo(a)pyrene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	205-99-2	Benzo(b)fluoranthene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	191-24-2	Benzo(g,h,i)perylene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	207-08-9	Benzo(k)fluoranthene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	65-85-0	Benzoic acid	ug/kg	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U
SW8270C	100-51-6	Benzyl alcohol	ug/kg	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U
SW8270C	111-91-1	bis(2-Chloroethoxy)methane	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	111-44-4	bis(2-Chloroethyl)ether	ug/kg	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
SW8270C	108-60-1	bis(2-Chloroisopropyl)ether	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	18 J	14 J	24 J	24 J	15 J	17 J	21 J	16 J	16 J	24 J	5.9 J	85	100
SW8270C	85-68-7	Butyl benzyl phthalate	ug/kg	330 U	330 U	9 J	330 U	330 U	330 U	330 U	330 U	330 U	330 U	6.9 J	22	11
SW8270C	86-74-8	Carbazole	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	218-01-9	Chrysene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	53-70-3	Dibenz(a,h)anthracene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	132-64-9	Dibenzofuran	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	84-66-2	Diethylphthalate	ug/kg	330 U	330 U	330 U	330 U	330 U	3 J	330 U	330 U	330 U	3 J	3.5 J	6.3	4.4
SW8270C	131-11-3	Dimethyl phthalate	ug/kg	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U
SW8270C	84-74-2	Di-N-Butyl phthalate	ug/kg	53 J	16 J	27 J	24 J	14 J	17 J	14 J	21 J	16 J	20 J	210 J	240	220
SW8270C	117-84-0	Di-N-Octyl phthalate	ug/kg	330 U	330 U	17 J	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	206-44-0	Fluoranthene	ug/kg	330 U	330 U	4 J	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	86-73-7	Fluorene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	2 J	330 U	330 U	330 U
SW8270C	118-74-1	Hexachlorobenzene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	87-68-3	Hexachlorobutadiene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	77-47-4	Hexachlorocyclopentadiene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	67-72-1	Hexachloroethane	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	78-59-1	Isophorone	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	91-20-3	Naphthalene	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	98-95-3	Nitrobenzene	ug/kg	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
SW8270C	621-64-7	N-Nitroso-di-N-propylamine	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	86-30-6	N-Nitrosodiphenylamine	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	59-50-7	p-Chloro-m-cresol	ug/kg	20 J	6 J	46 J	17 J	330 U	26 J	330 U	330 U	330 U	48 J	330 U	330 U	330 U
SW8270C	87-86-5	Pentachlorophenol	ug/kg	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U
SW8270C	85-01-8	Phenanthrene	ug/kg	330 U	330 U	20 J	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	108-95-2	Phenol	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8270C	129-00-0	Pyrene	ug/kg	330 U	330 U	11 J	6 J	2 J	330 U	5 J	330 U	330 U	5 J	330 U	330 U	330 U
SW9014	57-12-5	Cyanide, Total	mg/kg	0.04 J	0.2 U	0.04 J	0.12 J	0.2 U	0.04 J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

NOTES:
U = Non-detect, value is reporting limit
J = Estimated value below reporting limit
NA = Parameter not analyzed
B = Blank qualified result
--- = Parameter not analyzed

APPENDIX A
SUBSURFACE SOIL DATA
JCI FOWLERVILLE

			Field Sample ID	MS08-0303- 101903-01	MS09-0505- 101903-01	MS10-0606- 101903-01	MS11-0505- 101903-01	MS11-0505- 101903-02	PC01-0810- 090203-01	PC02-0810- 090203-01	RB01-0810- 090403-01	RB02-0810- 090403-01	RB02-1012- 090403-01	RB03-0810- 090403-01	RB04-0810- 090503-01	RB05-0810- 090503-01
			Sample Date	10/19/2003	10/19/2003	10/19/2003	10/19/2003	10/19/2003	9/2/2003	9/2/2003	9/4/2003	9/4/2003	9/4/2003	9/4/2003	9/5/2003	9/5/2003
			Location ID	MS08	MS09	MS10	MS11	MS11	PC01	PC02	RB01	RB02	RB02	RB03	RB04	RB05
			Depth	3 - 3	5 - 5	6 - 6	5 - 5	5 - 5	8 - 10	8 - 10	8 - 10	8 - 10	10 - 12	8 - 10	8 - 10	8 - 10
Method	CAS #	Parameter	Result Units													
E160.3	SOLID	Percent Solids	%	89	93	86	90	90	89	90	84	89	87	88	89	88
SW6020	7440-38-2	Arsenic, Total	mg/kg	31	4.6	8.9	8.8	16	--	--	--	--	--	--	--	--
SW6020	7440-39-3	Barium, Total	mg/kg	52	34	40	36	43	--	--	--	--	--	--	--	--
SW6020	7440-43-9	Cadmium, Total	mg/kg	0.18	0.091	0.091	0.081	0.093	--	--	--	--	--	--	--	--
SW6020	7440-47-3	Chromium, Total	mg/kg	19	16	14	12	14	--	--	--	--	--	--	--	--
SW6020	7440-50-8	Copper, Total	mg/kg	43	13	10	9.8	11	--	--	--	--	--	--	--	--
SW6020	7439-92-1	Lead, Total	mg/kg	5.7	5.9	31	4.8	5.9	--	--	--	--	--	--	--	--
SW6020	7440-02-0	Nickel, Total	mg/kg	71	19	14	15	18	--	--	--	--	--	--	--	--
SW6020	7782-49-2	Selenium, Total	mg/kg	1.2	0.8	0.9	0.86	0.92	--	--	--	--	--	--	--	--
SW6020	7440-22-4	Silver, Total	mg/kg	0.093	0.092	0.089	0.073	0.094	--	--	--	--	--	--	--	--
SW6020	7440-66-6	Zinc, Total	mg/kg	655	32	29	26	29	--	--	--	--	--	--	--	--
SW7196	18540-29-9	Chromium(VI)	mg/kg	2 U	2 U	2 U	2 U	2 U	--	--	--	--	--	--	--	--
SW7471	7439-97-6	Mercury, Total	mg/kg	0.015	0.012	0.019	0.014	0.01	--	--	--	--	--	--	--	--
SW8082	12674-11-2	PCB-1016	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8082	11104-28-2	PCB-1221	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8082	11141-16-5	PCB-1232	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8082	53469-21-9	PCB-1242	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8082	12672-29-6	PCB-1248	ug/kg	15	330 U	330 U	330 U	330 U	60 J	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8082	11097-69-1	PCB-1254	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8082	11096-82-5	PCB-1260	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
SW8260B	630-20-6	1,1,1,2-Tetrachloroethane	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	71-55-6	1,1,1-Trichloroethane	ug/kg	150	26	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	79-00-5	1,1,2-Trichloroethane	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	75-34-3	1,1-Dichloroethane	ug/kg	56 U	54 U	84	20	19	--	--	--	--	--	--	--	--
SW8260B	75-35-4	1,1-Dichloroethene	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	26295-23-8	Dichloropropylene	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	87-61-6	1,2,3-Trichlorobenzene	ug/kg	270 U	270 U	280 U	270 U	250 U	--	--	--	--	--	--	--	--
SW8260B	96-18-4	1,2,3-Trichloropropane	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	120-82-1	1,2,4-Trichlorobenzene	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	95-63-6	1,2,4-Trimethylbenzene	ug/kg	56 U	54 U	10	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	95-50-1	1,2-Dichlorobenzene	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	107-06-2	1,2-Dichloroethane	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	78-87-5	1,2-Dichloropropane	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	108-67-8	1,3,5-Trimethylbenzene	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	541-73-1	1,3-Dichlorobenzene	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	142-28-9	1,3-Dichloropropane	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	106-46-7	1,4-Dichlorobenzene	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	594-20-7	2,2-Dichloropropane	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	95-49-8	2-Chlorotoluene	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	591-78-6	2-Hexanone	ug/kg	560 U	540 U	570 U	540 U	500 U	--	--	--	--	--	--	--	--
SW8260B	106-43-4	4-Chlorotoluene	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	99-87-6	4-Isopropyltoluene	ug/kg	56 U	54 U	20	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	108-10-1	4-Methyl-2-pentanone	ug/kg	560 U	540 U	570 U	540 U	500 U	--	--	--	--	--	--	--	--
SW8260B	67-64-1	Acetone	ug/kg	560 U	540 U	570 U	540 U	500 U	--	--	--	--	--	--	--	--
SW8260B	71-43-2	Benzene	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	108-86-1	Bromobenzene	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	74-97-5	Bromochloromethane	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	75-25-2	Bromoform	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	74-83-9	Bromomethane	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	75-15-0	Carbon disulfide	ug/kg	560 U	540 U	570 U	540 U	500 U	--	--	--	--	--	--	--	--
SW8260B	56-23-5	Carbon tetrachloride	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	108-90-7	Chlorobenzene	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	75-00-3	Chloroethane	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	67-66-3	Chloroform	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	74-87-3	Chloromethane	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	156-59-2	cis-1,2-Dichloroethene	ug/kg	56 U	54 U	64	65	56	--	--	--	--	--	--	--	--
SW8260B	10061-01-5	cis-1,3-Dichloropropene	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	124-48-1	Dibromochloromethane	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	74-95-3	Dibromomethane	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	75-27-4	Dichlorobromomethane	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	75-71-8	Dichlorodifluoromethane	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	100-41-4	Ethylbenzene	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	106-93-4	Ethylene dibromide	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	87-68-3	Hexachlorobutadiene	ug/kg	270 U	270 U	280 U	270 U	250 U	--	--	--	--	--	--	--	--
SW8260B	98-82-8	Isopropylbenzene	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	78-93-3	Methyl ethyl ketone	ug/kg	230	230	190	540 U	140	--	--	--	--	--	--	--	--
SW8260B	1634-04-4	Methyl tert butyl ether	ug/kg	560 U	540 U	570 U	540 U	500 U	--	--	--	--	--	--	--	--
SW8260B	108-88-3	Toluene	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--
SW8260B	75-09-2	Methylene chloride	ug/kg	19	27	19	40	250 U	--	--	--	--	--	--	--	--
SW8260B	91-20-3	Naphthalene	ug/kg	270 U	270 U	280 U	270 U	250 U	--	--	--	--	--	--	--	--
SW8260B	104-51-8	n-Butylbenzene	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	103-65-1	n-Propylbenzene	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	95-47-6	o-Xylene	ug/kg	56 U	54 U	18	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	135-98-8	sec-Butylbenzene	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	100-42-5	Styrene	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	98-06-6	tert-Butylbenzene	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	127-18-4	Tetrachloroethene	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	108-88-3	Toluene	ug/kg	56 U	54 U	11	8.6	50 U	--	--	--	--	--	--	--	--
SW8260B	156-60-5	trans-1,2-Dichloroethylene	ug/kg	56 U	54 U	19	13	11	--	--	--	--	--	--	--	--
SW8260B	10061-02-6	trans-1,3-Dichloropropene	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	79-01-6	Trichloroethene	ug/kg	9.6	54 U	57 U	53	62	--	--	--	--	--	--	--	--

APPENDIX A
SUBSURFACE SOIL DATA
JCI FOWLERVILLE

			Field Sample ID	MS08-0303- 101903-01	MS09-0505- 101903-01	MS10-0606- 101903-01	MS11-0505- 101903-01	MS11-0505- 101903-02	PC01-0810- 090203-01	PC02-0810- 090203-01	RB01-0810- 090403-01	RB02-0810- 090403-01	RB02-1012- 090403-01	RB03-0810- 090403-01	RB04-0810- 090503-01	RB05-0810- 090503-01
			Sample Date	10/19/2003	10/19/2003	10/19/2003	10/19/2003	10/19/2003	9/2/2003	9/2/2003	9/4/2003	9/4/2003	9/4/2003	9/4/2003	9/5/2003	9/5/2003
			Location ID	MS08	MS09	MS10	MS11	MS11	PC01	PC02	RB01	RB02	RB02	RB03	RB04	RB05
			Depth	3 - 3	5 - 5	6 - 6	5 - 5	5 - 5	8 - 10	8 - 10	8 - 10	8 - 10	10 - 12	8 - 10	8 - 10	8 - 10
Method	CAS #	Parameter	Result Units													
SW8260B	75-69-4	Trichlorofluoromethane	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B	75-01-4	Vinyl chloride	ug/kg	56 U	54 U	57 U	54 U	50 U	--	--	--	--	--	--	--	--
SW8260B		Xylene, Meta + Para	ug/kg	110 U	110 U	110 U	110 U	100 U	--	--	--	--	--	--	--	--
SW8270C	120-82-1	1,2,4-Trichlorobenzene	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	95-50-1	1,2-Dichlorobenzene	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	541-73-1	1,3-Dichlorobenzene	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	106-46-7	1,4-Dichlorobenzene	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	95-95-4	2,4,5-Trichlorophenol	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	88-06-2	2,4,6-Trichlorophenol	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	120-83-2	2,4-Dichlorophenol	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	105-67-9	2,4-Dimethylphenol	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	51-28-5	2,4-Dinitrophenol	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	--	--	--	--	--	--	--	--
SW8270C	121-14-2	2,4-Dinitrotoluene	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	606-20-2	2,6-Dinitrotoluene	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	91-58-7	2-Chloronaphthalene	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	95-57-8	2-Chlorophenol	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	91-57-6	2-Methylnaphthalene	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	95-48-7	2-Methylphenol	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	88-74-4	2-Nitroaniline	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	--	--	--	--	--	--	--	--
SW8270C	88-75-5	2-Nitrophenol	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	91-94-1	3,3-Dichlorobenzidine	ug/kg	2000 U	2000 U	2000 U	2000 U	2000 U	--	--	--	--	--	--	--	--
SW8270C	99-09-2	3-Nitroaniline	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	--	--	--	--	--	--	--	--
SW8270C	534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	--	--	--	--	--	--	--	--
SW8270C	101-55-3	4-Bromophenyl-phenylether	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	106-47-8	4-Chloroaniline	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	--	--	--	--	--	--	--	--
SW8270C	7005-72-3	4-Chlorophenyl-phenylether	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	106-44-5	4-Methylphenol	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	100-01-6	4-Nitroaniline	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	--	--	--	--	--	--	--	--
SW8270C	100-02-7	4-Nitrophenol	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	--	--	--	--	--	--	--	--
SW8270C	83-32-9	Acenaphthene	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	208-96-8	Acenaphthylene	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	120-12-7	Anthracene	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	56-55-3	Benz(a)anthracene	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	92-87-5	Benzidine	ug/kg	5000 U	5000 U	5000 U	5000 U	5000 U	--	--	--	--	--	--	--	--
SW8270C	50-32-8	Benzo(a)pyrene	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	205-99-2	Benzo(b)fluoranthene	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	191-24-2	Benzo(g,h,i)perylene	ug/kg	330 U	7.6	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	207-08-9	Benzo(k)fluoranthene	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	65-85-0	Benzoic acid	ug/kg	3300 U	3300 U	3300 U	3300 U	3300 U	--	--	--	--	--	--	--	--
SW8270C	100-51-6	Benzyl alcohol	ug/kg	1300 U	1300 U	1300 U	1300 U	1300 U	--	--	--	--	--	--	--	--
SW8270C	111-91-1	bis(2-Chloroethoxy)methane	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	111-44-4	bis(2-Chloroethyl)ether	ug/kg	100 U	100 U	100 U	100 U	100 U	--	--	--	--	--	--	--	--
SW8270C	108-60-1	bis(2-Chloroisopropyl)ether	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	10	14	10	11	11	--	--	--	--	--	--	--	--
SW8270C	85-68-7	Butyl benzyl phthalate	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	86-74-8	Carbazole	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	218-01-9	Chrysene	ug/kg	330 U	3.9	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	53-70-3	Dibenz(a,h)anthracene	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	132-64-9	Dibenzofuran	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	84-66-2	Diethylphthalate	ug/kg	6	6.8	6.1	5.9	5.7	--	--	--	--	--	--	--	--
SW8270C	131-11-3	Dimethyl phthalate	ug/kg	3300 U	3300 U	3300 U	3300 U	3300 U	--	--	--	--	--	--	--	--
SW8270C	84-74-2	Di-N-Butyl phthalate	ug/kg	260	220	170	110	45	--	--	--	--	--	--	--	--
SW8270C	117-84-0	Di-N-Octyl phthalate	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	206-44-0	Fluoranthene	ug/kg	330 U	330 U	4.1	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	86-73-7	Fluorene	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	118-74-1	Hexachlorobenzene	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	87-68-3	Hexachlorobutadiene	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	77-47-4	Hexachlorocyclopentadiene	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	67-72-1	Hexachloroethane	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	78-59-1	Isophorone	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	91-20-3	Naphthalene	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	98-95-3	Nitrobenzene	ug/kg	200 U	200 U	200 U	200 U	200 U	--	--	--	--	--	--	--	--
SW8270C	621-64-7	N-Nitroso-di-N-propylamine	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	86-30-6	N-Nitrosodiphenylamine	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	59-50-7	p-Chloro-m-cresol	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	87-86-5	Pentachlorophenol	ug/kg	800 U	800 U	800 U	800 U	800 U	--	--	--	--	--	--	--	--
SW8270C	85-01-8	Phenanthrene	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	108-95-2	Phenol	ug/kg	330 U	330 U	330 U	330 U	330 U	--	--	--	--	--	--	--	--
SW8270C	129-00-0	Pyrene	ug/kg	330 U	3.8	3.3	330 U	330 U	--	--	--	--	--	--	--	--
SW9014	57-12-5	Cyanide, Total	mg/kg	0.11	0.2 U	0.08	0.07	0.15	--	--	--	--	--	--	--	--

NOTES:
U = Non-detect, value is reporting limit
J = Estimated value below reporting limit
NA = Parameter not analyzed
B = Blank qualified result
-- = Parameter not analyzed

APPENDIX A
SUBSURFACE SOIL DATA
JCI FOWLERVILLE

			Field Sample ID	RB06-0810- 090503-01	SWA1-0406- 090303-01	TA08-0203- 091103-01	TA09-0304- 091103-01	TB10-0304- 091103-01	TB11-0304- 091103-01	TE32-0304- 082203-01	TE33-0304- 082203-01	TE34-0203- 082203-01	TE35-0304- 082203-01	TE36-0405- 082203-01	TE37-0808- 091703-01	TE38-0808- 091703-01
			Sample Date	9/5/2003	9/3/2003	9/11/2003	9/11/2003	9/11/2003	9/11/2003	8/22/2003	8/22/2003	8/22/2003	8/22/2003	8/22/2003	9/17/2003	9/17/2003
			Location ID	RB06	SWA1	TA08	TA09	TB10	TB11	TE32	TE33	TE34	TE35	TE36	TE37	TE38
			Depth	8 - 10	4 - 6	2 - 3	3 - 4	3 - 4	3 - 4	3 - 4	3 - 4	2 - 3	3 - 4	4 - 5	8 - 8	8 - 8
Method	CAS #	Parameter	Result Units													
E160.3	SOLID	Percent Solids	%	91	88	86	88	87	86	85	83	88	85	91	78	76
SW6020	7440-38-2	Arsenic, Total	mg/kg	--	--	--	--	--	--	--	--	4.9	2.6	7.2	--	--
SW6020	7440-39-3	Barium, Total	mg/kg	--	--	--	--	--	--	--	--	51	--	--	--	--
SW6020	7440-43-9	Cadmium, Total	mg/kg	--	--	--	--	--	--	--	--	0.12	--	--	--	--
SW6020	7440-47-3	Chromium, Total	mg/kg	--	--	--	--	--	--	--	--	12	--	--	--	--
SW6020	7440-50-8	Copper, Total	mg/kg	--	--	--	--	--	--	--	--	7.4	--	--	--	--
SW6020	7439-92-1	Lead, Total	mg/kg	--	--	--	--	--	--	--	--	4.1	--	--	--	--
SW6020	7440-02-0	Nickel, Total	mg/kg	--	--	--	--	--	--	--	--	9.2	--	--	--	--
SW6020	7782-49-2	Selenium, Total	mg/kg	--	--	--	--	--	--	--	--	0.23	--	--	--	--
SW6020	7440-22-4	Silver, Total	mg/kg	--	--	--	--	--	--	--	--	0.068 J	--	--	--	--
SW6020	7440-66-6	Zinc, Total	mg/kg	--	--	--	--	--	--	--	--	26	--	--	--	--
SW7196	18540-29-9	Chromium(VI)	mg/kg	--	--	8.3 J	2 U	--	--	--	--	2 U	--	--	--	--
SW7471	7439-97-6	Mercury, Total	mg/kg	--	--	--	--	0.084 J	0.044 J	--	--	0.02 J	--	--	--	--
SW8082	12674-11-2	PCB-1016	ug/kg	330 U	330 U	--	--	--	--	--	--	330 U	--	--	330 U	330 U
SW8082	11104-28-2	PCB-1221	ug/kg	330 U	330 U	--	--	--	--	--	--	330 U	--	--	330 U	330 U
SW8082	11141-16-5	PCB-1232	ug/kg	330 U	330 U	--	--	--	--	--	--	330 U	--	--	330 U	330 U
SW8082	53469-21-9	PCB-1242	ug/kg	330 U	330 U	--	--	--	--	--	--	330 U	--	--	330 U	330 U
SW8082	12672-29-6	PCB-1248	ug/kg	330 U	330 U	--	--	--	--	--	--	270 J	--	--	330 U	9.8 J
SW8082	11097-69-1	PCB-1254	ug/kg	330 U	330 U	--	--	--	--	--	--	330 U	--	--	330 U	330 U
SW8082	11096-82-5	PCB-1260	ug/kg	330 U	330 U	--	--	--	--	--	--	14 J	--	--	330 U	330 U
SW8260B	630-20-6	1,1,1,2-Tetrachloroethane	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	71-55-6	1,1,1-Trichloroethane	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	79-34-5	1,1,2,2-Tetrachloroethane	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	79-00-5	1,1,2-Trichloroethane	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	75-34-3	1,1-Dichloroethane	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	75-35-4	1,1-Dichloroethene	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	26295-23-8	Dichloropropylene	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	87-61-6	1,2,3-Trichlorobenzene	ug/kg	--	--	--	--	--	--	--	--	280 U	--	--	--	--
SW8260B	96-18-4	1,2,3-Trichloropropane	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	120-82-1	1,2,4-Trichlorobenzene	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	95-63-6	1,2,4-Trimethylbenzene	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	96-12-8	1,2-Dibromo-3-chloropropane	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	95-50-1	1,2-Dichlorobenzene	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	107-06-2	1,2-Dichloroethane	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	78-87-5	1,2-Dichloropropane	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	108-67-8	1,3,5-Trimethylbenzene	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	541-73-1	1,3-Dichlorobenzene	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	142-28-9	1,3-Dichloropropane	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	106-46-7	1,4-Dichlorobenzene	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	594-20-7	2,2-Dichloropropane	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	95-49-8	2-Chlorotoluene	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	591-78-6	2-Hexanone	ug/kg	--	--	--	--	--	--	--	--	570 U	--	--	--	--
SW8260B	106-43-4	4-Chlorotoluene	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	99-87-6	4-Isopropyltoluene	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	108-10-1	4-Methyl-2-pentanone	ug/kg	--	--	--	--	--	--	--	--	570 U	--	--	--	--
SW8260B	67-64-1	Acetone	ug/kg	--	--	--	--	--	--	--	--	570 U	--	--	--	--
SW8260B	71-43-2	Benzene	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	108-86-1	Bromobenzene	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	74-97-5	Bromochloromethane	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	75-25-2	Bromoform	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	74-83-9	Bromomethane	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	75-15-0	Carbon disulfide	ug/kg	--	--	--	--	--	--	--	--	570 U	--	--	--	--
SW8260B	56-23-5	Carbon tetrachloride	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	108-90-7	Chlorobenzene	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	75-00-3	Chloroethane	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	67-66-3	Chloroform	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	74-87-3	Chloromethane	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	156-59-2	cis-1,2-Dichloroethene	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	10061-01-5	cis-1,3-Dichloropropene	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	124-48-1	Dibromochloromethane	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	74-95-3	Dibromomethane	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	75-27-4	Dichlorobromomethane	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	75-71-8	Dichlorodifluoromethane	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	100-41-4	Ethylbenzene	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	106-93-4	Ethylene dibromide	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	87-68-3	Hexachlorobutadiene	ug/kg	--	--	--	--	--	--	--	--	280 U	--	--	--	--
SW8260B	98-82-8	Isopropylbenzene	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	78-93-3	Methyl ethyl ketone	ug/kg	--	--	--	--	--	--	--	--	180 J	--	--	--	--
SW8260B	1634-04-4	Methyl tert butyl ether	ug/kg	--	--	--	--	--	--	--	--	570 U	--	--	--	--
SW8260B	108-88-3	Toluene	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--	--
SW8260B	75-09-2	Methylene chloride	ug/kg	--	--	--	--	--	--	--	--	280 U	--	--	--	--
SW8260B	91-20-3	Naphthalene	ug/kg	--	--	--	--	--	--	--	--	280 U	--	--	--	--
SW8260B	104-51-8	n-Butylbenzene	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	103-65-1	n-Propylbenzene	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	95-47-6	o-Xylene	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	135-98-8	sec-Butylbenzene	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	100-42-5	Styrene	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	98-06-6	tert-Butylbenzene	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	127-18-4	Tetrachloroethene	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	108-88-3	Toluene	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	156-60-5	trans-1,2-Dichloroethylene	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	10061-02-6	trans-1,3-Dichloropropene	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	79-01-6	Trichloroethene	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--

APPENDIX A
SUBSURFACE SOIL DATA
JCI FOWLERVILLE

			Field Sample ID	RB06-0810- 090503-01	SWA1-0406- 090303-01	TA08-0203- 091103-01	TA09-0304- 091103-01	TB10-0304- 091103-01	TB11-0304- 091103-01	TE32-0304- 082203-01	TE33-0304- 082203-01	TE34-0203- 082203-01	TE35-0304- 082203-01	TE36-0405- 082203-01	TE37-0808- 091703-01	TE38-0808- 091703-01
			Sample Date	9/5/2003	9/3/2003	9/11/2003	9/11/2003	9/11/2003	9/11/2003	8/22/2003	8/22/2003	8/22/2003	8/22/2003	8/22/2003	9/17/2003	9/17/2003
			Location ID	RB06	SWA1	TA08	TA09	TB10	TB11	TE32	TE33	TE34	TE35	TE36	TE37	TE38
			Depth	8 - 10	4 - 6	2 - 3	3 - 4	3 - 4	3 - 4	3 - 4	3 - 4	2 - 3	3 - 4	4 - 5	8 - 8	8 - 8
Method	CAS #	Parameter	Result Units													
SW8260B	75-69-4	Trichlorofluoromethane	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B	75-01-4	Vinyl chloride	ug/kg	--	--	--	--	--	--	--	--	57 U	--	--	--	--
SW8260B		Xylene, Meta + Para	ug/kg	--	--	--	--	--	--	--	--	110 U	--	--	--	--
SW8270C	120-82-1	1,2,4-Trichlorobenzene	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	95-50-1	1,2-Dichlorobenzene	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	541-73-1	1,3-Dichlorobenzene	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	106-46-7	1,4-Dichlorobenzene	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	95-95-4	2,4,5-Trichlorophenol	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	88-06-2	2,4,6-Trichlorophenol	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	120-83-2	2,4-Dichlorophenol	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	105-67-9	2,4-Dimethylphenol	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	51-28-5	2,4-Dinitrophenol	ug/kg	--	--	--	--	--	--	--	--	1700 U	--	--	--	--
SW8270C	121-14-2	2,4-Dinitrotoluene	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	606-20-2	2,6-Dinitrotoluene	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	91-58-7	2-Chloronaphthalene	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	95-57-8	2-Chlorophenol	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	91-57-6	2-Methylnaphthalene	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	95-48-7	2-Methylphenol	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	88-74-4	2-Nitroaniline	ug/kg	--	--	--	--	--	--	--	--	1700 U	--	--	--	--
SW8270C	88-75-5	2-Nitrophenol	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	91-94-1	3,3-Dichlorobenzidine	ug/kg	--	--	--	--	--	--	--	--	2000 U	--	--	--	--
SW8270C	99-09-2	3-Nitroaniline	ug/kg	--	--	--	--	--	--	--	--	1700 U	--	--	--	--
SW8270C	534-52-1	4,6-Dinitro-2-methylphenol	ug/kg	--	--	--	--	--	--	--	--	1700 U	--	--	--	--
SW8270C	101-55-3	4-Bromophenyl-phenylether	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	106-47-8	4-Chloroaniline	ug/kg	--	--	--	--	--	--	--	--	1700 U	--	--	--	--
SW8270C	7005-72-3	4-Chlorophenyl-phenylether	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	106-44-5	4-Methylphenol	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	100-01-6	4-Nitroaniline	ug/kg	--	--	--	--	--	--	--	--	1700 U	--	--	--	--
SW8270C	100-02-7	4-Nitrophenol	ug/kg	--	--	--	--	--	--	--	--	1700 U	--	--	--	--
SW8270C	83-32-9	Acenaphthene	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	208-96-8	Acenaphthylene	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	120-12-7	Anthracene	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	56-55-3	Benz(a)anthracene	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	92-87-5	Benzidine	ug/kg	--	--	--	--	--	--	--	--	5000 U	--	--	--	--
SW8270C	50-32-8	Benzo(a)pyrene	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	205-99-2	Benzo(b)fluoranthene	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	191-24-2	Benzo(g,h,i)perylene	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	207-08-9	Benzo(k)fluoranthene	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	65-85-0	Benzoic acid	ug/kg	--	--	--	--	--	--	--	--	3300 U	--	--	--	--
SW8270C	100-51-6	Benzyl alcohol	ug/kg	--	--	--	--	--	--	--	--	1300 U	--	--	--	--
SW8270C	111-91-1	bis(2-Chloroethoxy)methane	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	111-44-4	bis(2-Chloroethyl)ether	ug/kg	--	--	--	--	--	--	--	--	100 U	--	--	--	--
SW8270C	108-60-1	bis(2-Chloroisopropyl)ether	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	117-81-7	bis(2-Ethylhexyl)phthalate	ug/kg	--	--	--	--	--	--	--	--	12 J	--	--	--	--
SW8270C	85-68-7	Butyl benzyl phthalate	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	86-74-8	Carbazole	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	218-01-9	Chrysene	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	53-70-3	Dibenz(a,h)anthracene	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	132-64-9	Dibenzofuran	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	84-66-2	Diethylphthalate	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	131-11-3	Dimethyl phthalate	ug/kg	--	--	--	--	--	--	--	--	3300 U	--	--	--	--
SW8270C	84-74-2	Di-N-Butyl phthalate	ug/kg	--	--	--	--	--	--	--	--	39 J	--	--	--	--
SW8270C	117-84-0	Di-N-Octyl phthalate	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	206-44-0	Fluoranthene	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	86-73-7	Fluorene	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	118-74-1	Hexachlorobenzene	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	87-68-3	Hexachlorobutadiene	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	77-47-4	Hexachlorocyclopentadiene	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	67-72-1	Hexachloroethane	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	193-39-5	Indeno(1,2,3-cd)pyrene	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	78-59-1	Isophorone	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	91-20-3	Naphthalene	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	98-95-3	Nitrobenzene	ug/kg	--	--	--	--	--	--	--	--	200 U	--	--	--	--
SW8270C	621-64-7	N-Nitroso-di-N-propylamine	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	86-30-6	N-Nitrosodiphenylamine	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	59-50-7	p-Chloro-m-cresol	ug/kg	--	--	--	--	--	--	--	--	14 J	--	--	--	--
SW8270C	87-86-5	Pentachlorophenol	ug/kg	--	--	--	--	--	--	--	--	800 U	--	--	--	--
SW8270C	85-01-8	Phenanthrene	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	108-95-2	Phenol	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW8270C	129-00-0	Pyrene	ug/kg	--	--	--	--	--	--	--	--	330 U	--	--	--	--
SW9014	57-12-5	Cyanide, Total	mg/kg	--	--	--	--	--	--	0.2 U	0.04 J	0.2 U	--	--	--	--

NOTES:
U = Non-detect, value is reporting limit
J = Estimated value below reporting limit
NA = Parameter not analyzed
B = Blank qualified result
--- = Parameter not analyzed

APPENDIX A
SEDIMENT RESULTS
JCI - FOWLERVILLE

		Location	SDBG1	SDBG1	SDBG2	SDBG2	SDBG3	SDBG3	SDBG4	SDBG4	SDBG5	SDBG5	SD-A1	SD-A1	SD-A2	SD-A2	SD-A2	SD-A3	SD-A3
		Field ID:	SDBG1012-041803-01	SDBG11224-041803-01	SDBG21224-041803-01	SDBG2012-041803-01	SDBG3012-042103-01	SDBG31224-042103-01	SDBG4012-042103-01	SDBG41224-042103-01	SDBG5012-042103-01	SDBG51224-042103-01	SDA1012-042303-01	SDA11224-042303-01	SDA2012-042303-01	SDA2012-042303-02	SDA21224-042303-01	SDA3012-042303-01	SDA31224-042303-01
		Date Sampled:	4/18/2003	4/18/2003	4/18/2003	4/18/2003	4/21/2003	4/21/2003	4/21/2003	4/21/2003	4/21/2003	4/21/2003	4/23/2003	4/23/2003	4/23/2003	4/23/2003	4/23/2003	4/23/2003	4/23/2003
		Depth (ft):	0 - 12	12 - 24	12 - 24	0 - 12	0 - 12	12 - 24	0 - 12	12 - 24	0 - 12	12 - 24	0 - 12	12 - 24	0 - 12	0 - 12	12 - 24	0 - 12	12 - 24
Volatile Organic Compounds																			
1,1,1,2-Tetrachloroethane	630-20-6	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
1,1,1-Trichloroethane	71-55-6	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
1,1,2-Trichloroethane	79-00-5	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
1,1-Dichloroethane	75-34-3	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	34 J	96	73	35 JB	69
1,1-Dichloroethene	75-35-4	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
1,1-Dichloropropylene	563-58-6	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
1,2,3-Trichlorobenzene	87-61-6	ug/kg	41 JB	430 U	380 U	340 U	300 U	270 U	320 U	340 U	400 U	330 U	390 UJB	370 U	410 U	380 U	320 U	370 U	250 U
1,2,3-Trichloropropane	96-18-4	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
1,2,4-Trichlorobenzene	120-82-1	ug/kg	41 JB	13 JB	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	12 JB	73 U	83 U	77 U	63 U	74 U	51 U
1,2,4-Trimethylbenzene	95-63-6	ug/kg	24 JB	16 JB	76 U	11 JB	59 U	54 U	63 U	68 U	79 U	67 U	27 JB	24 JB	21 JB	24 JB	16 JB	16 JB	51 U
1,2-Dibromo-3-chloropropane	96-12-8	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
1,2-Dichlorobenzene	95-50-1	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
1,2-Dichloroethane	107-06-2	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
1,2-Dichloroethene	540-59-0	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	78-87-5	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
1,3,5-Trimethylbenzene	108-67-8	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
1,3-Dichlorobenzene	541-73-1	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
1,3-Dichloropropane	142-28-9	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
1,4-Dichlorobenzene	106-46-7	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
2,2-Dichloropropane	594-20-7	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
2-Chlorotoluene	95-49-8	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
2-Hexanone	591-78-6	ug/kg	1200 U	860 U	760 U	690 U	590 U	540 U	630 U	680 U	790 U	670 U	780 U	730 U	830 U	770 U	630 U	740 U	510 U
4-Chlorotoluene	106-43-4	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
4-Isopropyltoluene	99-87-6	ug/kg	23 J	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
4-Methyl-2-pentanone	108-10-1	ug/kg	1200 U	860 U	760 U	690 U	590 U	540 U	630 U	680 U	790 U	670 U	780 U	730 U	830 U	770 U	630 U	740 U	510 U
Acetone	67-64-1	ug/kg	690 JB	500 JB	440 JB	380 JB	350 JB	290 JB	350 JB	340 JB	450 JB	340 JB	320 JB	240 JB	300 JB	340 JB	220 JB	290 JB	130 JB
Acrolein	107-02-8	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	71-43-2	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
Bromobenzene	108-86-1	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
Bromochloromethane	74-97-5	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
Bromoform	75-25-2	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
Bromomethane	74-83-9	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
Carbon disulfide	75-15-0	ug/kg	1200 U	860 U	760 U	690 U	590 U	540 U	630 U	680 U	790 U	670 U	780 U	730 U	830 U	18 J	630 U	740 U	510 U
Carbon tetrachloride	56-23-5	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
Chlorobenzene	108-90-7	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
Chloroethane	75-00-3	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
Chloroform	67-66-3	ug/kg	22 J	17 J	76 U	69 U	12 J	18 J	63 U	18 J	16 J	11 J	78 U	21 J	15 J	22 J	13 J	22 J	11 J
Chloromethane	74-87-3	ug/kg	44 J	22 J	23 J	22 J	15 J	32 J	16 J	18 J	22 J	17 J	29 J	23 J	23 J	31 J	28 J	23 J	51 U
cis-1,2-Dichloroethene	156-59-2	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	56 J	240	1100	38 J	1100
cis-1,3-Dichloropropene	10061-01-5	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
Dibromochloromethane	124-48-1	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
Dibromomethane	74-95-3	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
Dichlorobromomethane	75-27-4	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
Dichlorodifluoromethane	75-71-8	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
Ethylbenzene	100-41-4	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
Ethylene dibromide	106-93-4	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
Hexachlorobutadiene	87-68-3	ug/kg	160 JB	59 JB	760 U	27 JB	590 U	540 U	630 U	680 U	790 U	670 U	42 JB	29 JB	830 U	770 U	630 U	740 U	510 U
Isopropylbenzene	98-82-8	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
Methyl ethyl ketone	78-93-3	ug/kg	220 J	160 J	120 J	120 J	96 J	86 J	120 J	110 J	790 U	670 U	210 J	140 J	160 J	200 J	100 J	180 J	85 J
Methyl tert butyl ether	1634-04-4	ug/kg	1200 U	860 U	760 U	690 U	590 U	540 U	630 U	680 U	790 U	670 U	780 U	730 U	830 U	770 U	630 U	740 U	510 U
Methylene chloride	75-09-2	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
n-Butylbenzene	104-51-8	ug/kg	45 JB	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
n-Propylbenzene	103-65-1	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
Naphthalene	91-20-3	ug/kg	63 JB	21 JB	17 JB	12 JB	8 JB	8 JB	10 JB	170 U	200 U	170 U	21 JB	16 JB	21 JB	32 JB	11 JB	25 JB	7 JB
o-Xylene	95-47-6	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
sec-Butylbenzene	135-98-8	ug/kg	27 J	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
Styrene	100-42-5	ug/kg	13 J	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
tert-Butylbenzene	98-06-6	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
Tetrachloroethene	127-18-4	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
Toluene	108-88-3	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	25 J	63 U	74 U	51 U
trans-1,2-Dichloroethylene	156-60-5	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	25 J	45 J	78	19 JB	58
trans-1,3-Dichloropropene	10061-02-6	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U

APPENDIX A
SEDIMENT RESULTS
JCI - FOWLERVILLE

		Location	SDBG1	SDBG1	SDBG2	SDBG2	SDBG3	SDBG3	SDBG4	SDBG4	SDBG5	SDBG5	SD-A1	SD-A1	SD-A2	SD-A2	SD-A2	SD-A3	SD-A3
		Field ID:	SDBG1012-041803-01	SDBG11224-041803-01	SDBG21224-041803-01	SDBG2012-041803-01	SDBG3012-042103-01	SDBG31224-042103-01	SDBG4012-042103-01	SDBG41224-042103-01	SDBG5012-042103-01	SDBG51224-042103-01	SDA1012-042303-01	SDA11224-042303-01	SDA2012-042303-01	SDA2012-042303-02	SDA21224-042303-01	SDA3012-042303-01	SDA31224-042303-01
		Date Sampled:	4/18/2003	4/18/2003	4/18/2003	4/18/2003	4/21/2003	4/21/2003	4/21/2003	4/21/2003	4/21/2003	4/21/2003	4/23/2003	4/23/2003	4/23/2003	4/23/2003	4/23/2003	4/23/2003	4/23/2003
		Depth (ft):	0 - 12	12 - 24	12 - 24	0 - 12	0 - 12	12 - 24	0 - 12	12 - 24	0 - 12	12 - 24	0 - 12	12 - 24	0 - 12	0 - 12	12 - 24	0 - 12	12 - 24
Trichloroethene	79-01-6	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	41 JB
Trichlorofluoromethane	75-69-4	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 U	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
Vinyl chloride	75-01-4	ug/kg	120 U	86 U	76 U	69 U	59 U	54 U	63 U	68 UJB	79 U	67 U	78 U	73 U	83 U	77 U	63 U	74 U	51 U
Xylene, Meta + Para	Not Applicable	ug/kg	240 U	170 U	150 U	140 U	120 U	110 U	130 U	140 U	160 U	130 U	40 J	35 J	41 J	150 U	130 U	150 U	100 U
Volatile Organic Compounds																			
1,2,4-Trichlorobenzene	120-82-1	ug/kg	430 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
1,2-Benzphenanthracene	218-01-9	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	95-50-1	ug/kg	430 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
1,3-Dichlorobenzene	541-73-1	ug/kg	430 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
1,4-Dichlorobenzene	106-46-7	ug/kg	430 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4,5-Trichlorophenol	95-95-4	ug/kg	430 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4,6-Trichlorophenol	88-06-2	ug/kg	430 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-Dichlorophenol	120-83-2	ug/kg	430 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-Dimethylphenol	105-67-9	ug/kg	430 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-Dinitrophenol	51-28-5	ug/kg	2200 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
2,4-Dinitrotoluene	121-14-2	ug/kg	430 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,6-Dinitrotoluene	606-20-2	ug/kg	430 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Chloronaphthalene	91-58-7	ug/kg	430 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Chlorophenol	95-57-8	ug/kg	430 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Methylnaphthalene	91-57-6	ug/kg	430 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Methylphenol	95-48-7	ug/kg	430 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Nitroaniline	88-74-4	ug/kg	2200 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
2-Nitrophenol	88-75-5	ug/kg	430 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
3,3-Dichlorobenzidine	91-94-1	ug/kg	2600 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U
3,4-Methylphenol	108-39-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	99-09-2	ug/kg	2200 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	2200 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
4-Bromophenyl-phenylether	101-55-3	ug/kg	430 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Chloroaniline	106-47-8	ug/kg	2200 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
4-Chlorophenyl-phenylether	7005-72-3	ug/kg	430 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Methylphenol	106-44-5	ug/kg	430 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	54 J	330 U	330 U	330 U	330 U	330 U	330 U
4-Nitroaniline	100-01-6	ug/kg	2200 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
4-Nitrophenol	100-02-7	ug/kg	2200 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
Acenaphthene	83-32-9	ug/kg	430 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	48 J	330 U	330 U	96 J	330 U
Acenaphthylene	208-96-8	ug/kg	430 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Anthracene	120-12-7	ug/kg	430 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	38 J	330 U	41 J	330 U	330 U	330 U	330 U
Benz(a)anthracene	56-55-3	ug/kg	38 J	330 U	330 U	30 J	330 U	330 U	86 J	330 U	120 J	330 U	160 J	330 U	310 J	330 U	330 U	330 U	330 U
Benzidine	92-87-5	ug/kg	6500 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U
Benzo(a)pyrene	50-32-8	ug/kg	54 J	330 U	330 U	37 J	330 U	330 U	84 J	330 U	110 J	330 U	100 J	330 U	160 J	330 U	330 U	330 U	330 U
Benzo(b)fluoranthene	205-99-2	ug/kg	98 J	330 U	330 U	64 J	330 U	330 U	110 J	330 U	110 J	330 U	180 J	330 U	210 J	330 U	330 U	330 U	330 U
Benzo(g,h,i)perylene	191-24-2	ug/kg	430 U	330 U	330 U	330 U	330 U	330 U	35 J	330 U	47 J	330 U	4 J	330 U	32 J	330 U	330 U	330 U	330 U
Benzo(k)fluoranthene	207-08-9	ug/kg	430 U	330 U	330 U	330 U	330 U	330 U	69 J	330 U	92 J	330 U	120 J	330 U	140 J	330 U	330 U	330 U	330 U
Benzoic acid	65-85-0	ug/kg	4300 U	150 J	320 J	3300 U	3300 U	3300 U	3300 U	240 J	3300 U	280 J	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U
Benzyl alcohol	100-51-6	ug/kg	1700 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U
bis(2-Chloroethoxy)methane	111-91-1	ug/kg	430 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
bis(2-Chloroethyl)ether	111-44-4	ug/kg	130 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
bis(2-Chloroisopropyl)ether	108-60-1	ug/kg	430 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/kg	100 JB	42 JB	31 JB	42 JB	25 JB	330 U	30 JB	32 JB	41 JB	44 JB	240 J	52 J	91 J	83 J	44 J	330 U	29 J
Butyl benzyl phthalate	85-68-7	ug/kg	430 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	680	320 J	460	140 J	330 U	330 U	330 U
Carbazole	86-74-8	ug/kg	430 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Chrysene	218-01-9	ug/kg	56 J	330 U	330 U	42 J	330 U	330 U	110 J	330 U	140 J	330 U	250 J	330 U	180 J	38 J	330 U	330 U	330 U
Di-N-Butyl phthalate	84-74-2	ug/kg	220 J	180 J	85 J	100 J	330 U	330 U	35 J	40 J	33 J	43 J	330 U	330 U	330 U	330 U	330 U	330 U	35 J
Di-N-Octyl phthalate	117-84-0	ug/kg	430 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Dibenz(a,h)anthracene	53-70-3	ug/kg	430 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Dibenzofuran	132-64-9	ug/kg	430 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Diethylphthalate	84-66-2	ug/kg	430 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Dimethyl phthalate	131-11-3	ug/kg	4300 U	3300 U	3300 U	38 J	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U
Fluoranthene	206-44-0	ug/kg	130 J	330 U	330 U	97 J	31 J	330 U	260 J	22 J	300 J	330 U	460	330 U	610	140 J	330 U	100 J	330 U
Fluorene	86-73-7	ug/kg	430 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Hexachlorobenzene	118-74-1	ug/kg	430 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Hexachlorobutadiene	87-68-3	ug/kg	430 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Hexachlorocyclopentadiene	77-47-4	ug/kg	430 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Hexachloroethane	67-72-1	ug/kg	430 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Indeno(1,2,3-cd)pyrene	193-39-5	ug/kg	430 U	330 U	330 U	330 U	330 U	330 U	32 J	330 U	46 J	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U

APPENDIX A
SEDIMENT RESULTS
JCI - FOWLERVILLE

		Location	SDBG1	SDBG1	SDBG2	SDBG2	SDBG3	SDBG3	SDBG4	SDBG4	SDBG5	SDBG5	SD-A1	SD-A1	SD-A2	SD-A2	SD-A2	SD-A3	SD-A3
		Field ID:	SDBG1012-041803-01	SDBG11224-041803-01	SDBG21224-041803-01	SDBG2012-041803-01	SDBG3012-042103-01	SDBG31224-042103-01	SDBG4012-042103-01	SDBG41224-042103-01	SDBG5012-042103-01	SDBG51224-042103-01	SDA1012-042303-01	SDA11224-042303-01	SDA2012-042303-01	SDA2012-042303-02	SDA21224-042303-01	SDA3012-042303-01	SDA31224-042303-01
		Date Sampled:	4/18/2003	4/18/2003	4/18/2003	4/18/2003	4/21/2003	4/21/2003	4/21/2003	4/21/2003	4/21/2003	4/21/2003	4/23/2003	4/23/2003	4/23/2003	4/23/2003	4/23/2003	4/23/2003	4/23/2003
		Depth (ft):	0 - 12	12 - 24	12 - 24	0 - 12	0 - 12	12 - 24	0 - 12	12 - 24	0 - 12	12 - 24	0 - 12	12 - 24	0 - 12	0 - 12	12 - 24	0 - 12	12 - 24
Isophorone	78-59-1	ug/kg	430 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
N-Nitroso-di-N-propylamine	621-64-7	ug/kg	430 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
N-Nitrosodiphenylamine	86-30-6	ug/kg	430 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Naphthalene	91-20-3	ug/kg	430 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Nitrobenzene	98-95-3	ug/kg	260 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
p-Chloro-m-cresol	59-50-7	ug/kg	430 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Pentachlorophenol	87-86-5	ug/kg	1000 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U
Phenanthrene	85-01-8	ug/kg	59 J	330 U	330 U	40 J	330 U	330 U	120 J	330 U	110 J	330 U	84 J	330 U	170 J	330 U	330 U	330 U	330 U
Phenol	108-95-2	ug/kg	430 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
PNAs, Total	TPNA	ug/kg	535	NA	NA	383	58	NA	1106	22	1315	NA	1776	NA	2451	288	NA	316	NA
Pyrene	129-00-0	ug/kg	100 J	330 U	330 U	73 J	27 J	330 U	200 J	330 U	240 J	330 U	380	330 U	550	110 J	330 U	120 J	330 U
Polychlorinated Biphenyls (PCBs):																			
PCB-1248	12672-29-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1254	11097-69-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1260	11096-82-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB, Total	TPCB	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18 J	NA	NA	NA	NA	NA	NA
PCB-1016	12674-11-2	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
PCB-1221	11104-28-2	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
PCB-1232	11141-16-5	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
PCB-1242	53469-21-9	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
PCB-1248	12672-29-6	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	18 J	330 U	330 U	330 U	330 U	330 U	330 U
PCB-1254	11097-69-1	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
PCB-1260	11096-82-5	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Total Metals:																			
Aluminum, Total	7429-90-5	mg/kg	NA	NA	3710	2400	1830	1340	1780	NA	2970	NA	3870	NA	NA	NA	NA	NA	2870
Arsenic, Total	7440-38-2	mg/kg	27	18	9	3.5	6.1	1.2	2.8	11	9.2	7.7	9.2	8.4	5.8	7.1	3	8.3	3.2
Barium, Total	7440-39-3	mg/kg	178	53	51	20	24	6.6	15	19	56	18	53	40	28	38	7.5	56	12
Cadmium, Total	7440-43-9	mg/kg	1.1	0.4	0.44	0.17	0.25	0.2	0.16	0.26	0.36	0.35	0.52	0.55	0.36	0.31	0.28	0.45	0.41
Chromium, Total	7440-47-3	mg/kg	14	6.8	6.2	4.1	4.6	3.6	3.9	5.7	6.4	4.5	97	7.6	23	25	4.8	20	7.3
Copper, Total	7440-50-8	mg/kg	16	5.2	6.2	2.7	3.9	3.2	4.4	3.8	9.3	5.1	85	9.5	17	21	4.4	29	6.4
Lead, Total	7439-92-1	mg/kg	17	4.4	14	5	3.2	1.7	3.4	3	10	7.5	26	14	5.9	45	2	6.5	3.3
Mercury, Total	7439-97-6	mg/kg	0.12	0.082 J	0.058 J	0.047 J	0.016 J	0.015 J	0.03 J	0.054 J	0.055 J	0.037 J	0.046 J	0.024 J	0.038 J	0.034 J	0.1 U	0.031 J	0.1 U
Nickel, Total	7440-02-0	mg/kg	15	7.3	7	5.3	6.9	6.2	4.3	8.3	6.3	6.5	71	10	19	20	8.2	17	12
Selenium, Total	7782-49-2	mg/kg	1.1	2.4	1	0.28 U	0.37	0.24 U	0.26 U	0.18 J	0.36	0.23 J	0.61	0.75	0.3 J	0.36	0.22 J	0.63	0.79
Silver, Total	7440-22-4	mg/kg	0.13 J	0.06 J	0.06 J	0.026 J	0.033 J	0.028 J	0.02 J	0.038 J	0.05 J	0.044 J	0.074 J	0.082 J	0.055 J	0.04 J	0.036 J	0.1 J	0.07 J
Zinc, Total	7440-66-6	mg/kg	96	30	39	20	18	12	16	18	34	20	372	35	76	85	13	83	21
Chromium(VI)	18540-29-9	mg/kg	60 U	45 U	58 U	15 U	11 U	2 U	2 U	18 U	29 U	14 U	18 U	26 U	55 U	43 U	2 U	58 U	2 U
Miscellaneous Parameters:																			
Cyanide, Free	57-12-5	mg/kg	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cyanide, Total	57-12-5	mg/kg	0.09 J	0.05 J	0.04 J	0.03 J	0.2 U	0.2 U	0.2 U	0.02 J	0.2 U	0.2 U	0.2	0.2 U	0.07 J	0.04 J	0.03 J	0.012 J	0.2 U
Fractional Organic Carbon	FOC	%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Percent moisture	MOIST	%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Percent Solids	SOLID	%	38	56	63	72	79	86	79	78	62	72	65	71	60	67	86	66	90
Percent Solids	Solids	%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	TOC	%	16	9.2	6.5	3.1	1.7	0.2	0.9	1.5	5	3.2	7.1	5.6	8.1	5.3	1	6	0.6

NOTES:
U = Non-detect, value is reporting limit
J = Estimated value below reporting limit
NA = Parameter not analyzed
B = Blank qualified result
--- = Parameter not analyzed

APPENDIX A
SEDIMENT RESULTS
JCI - FOWLERVILLE

		Location	SDB1	SDB2	SDB3	SDB3	SDB3	SDB3	SD-C1	SD-C1	SDC2	SD-C3	SD-C3	SD-C3	SDC3	SDD1	SDD2	SDD2	SDD3
		Field ID:	SDB1-0016-101703-01	SDB2-0016-101703-01	SDB3-0012-101703-01	SDB3-1228-101703-01	SDB3-1228-101703-02	SDB3-3642-101703-01	SDC1012-042203-01	SDC11224-042203-01	SDC2-0013-101703-01	SDC3012-042203-01	SDC31224-042203-01	SDC31224-042203-02	SDC3-4248-101703-01	SDD1-0006-101603-01	SDD2-0007-101603-01	SDD2-2430-101703-01	SDD3-0012-101603-01
		Date Sampled:	10/17/2003	10/17/2003	10/17/2003	10/17/2003	10/17/2003	10/17/2003	4/22/2003	4/22/2003	10/17/2003	4/22/2003	4/22/2003	4/22/2003	10/17/2003	10/16/2003	10/16/2003	10/17/2003	10/16/2003
		Depth (ft):	0 - 16	0 - 16	0 - 12	12 - 28	12 - 28	36 - 42	0 - 12	12 - 24	0 - 13	0 - 12	12 - 24	12 - 24	42 - 48	0 - 6	0 - 7	24 - 30	0 - 12
Volatile Organic Compounds																			
1,1,1,2-Tetrachloroethane	630-20-6	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	66 U	50 U	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
1,1,1-Trichloroethane	71-55-6	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	66 U	50 U	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	66 U	50 U	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
1,1,2-Trichloroethane	79-00-5	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	66 U	50 U	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
1,1-Dichloroethane	75-34-3	ug/kg	96	52 J	120 U	21 J	18 J	56 U	37 J	30 J	69 U	70 U	70 U	17 J	24 J	14 J	28 J	58 U	74 U
1,1-Dichloroethene	75-35-4	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	66 U	50 U	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
1,1-Dichloropropylene	563-58-6	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	66 U	50 U	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
1,2,3-Trichlorobenzene	87-61-6	ug/kg	320 U	330 U	620 U	410 U	400 U	280 U	330 U	250 U	340 U	350 U	350 U	400 U	430 U	310 U	360 U	290 U	370 U
1,2,3-Trichloropropane	96-18-4	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	66 U	50 U	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
1,2,4-Trichlorobenzene	120-82-1	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	66 U	50 U	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
1,2,4-Trimethylbenzene	95-63-6	ug/kg	7.6 J	10 J	17 J	81 U	80 U	56 U	19 JB	28 JB	9 J	17 JB	70 U	79 U	86 U	14 J	12 J	58 U	12 J
1,2-Dibromo-3-chloropropane	96-12-8	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	66 U	50 U	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
1,2-Dichlorobenzene	95-50-1	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	66 U	18 J	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
1,2-Dichloroethane	107-06-2	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	66 U	50 U	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
1,2-Dichloroethene	540-59-0	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	78-87-5	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	66 U	50 U	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
1,3,5-Trimethylbenzene	108-67-8	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	13 JB	11 JB	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
1,3-Dichlorobenzene	541-73-1	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	66 U	50 U	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
1,3-Dichloropropane	142-28-9	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	66 U	50 U	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
1,4-Dichlorobenzene	106-46-7	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	66 U	50 U	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
2,2-Dichloropropane	594-20-7	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	66 U	50 U	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
2-Chlorotoluene	95-49-8	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	66 U	50 U	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
2-Hexanone	591-78-6	ug/kg	630 U	650 U	1200 U	810 U	800 U	560 U	660 U	500 U	690 U	700 U	700 U	790 U	860 U	620 U	720 U	580 U	740 U
4-Chlorotoluene	106-43-4	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	66 U	50 U	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
4-Isopropyltoluene	99-87-6	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	66 U	50 U	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
4-Methyl-2-pentanone	108-10-1	ug/kg	630 U	650 U	1200 U	810 U	800 U	560 U	660 U	500 U	690 U	700 U	700 U	790 U	860 U	620 U	720 U	580 U	740 U
Acetone	67-64-1	ug/kg	490 J	540 J	1100 J	450 J	560 J	320 J	210 JB	160 JB	690 U	260 JB	220 JB	310 JB	670 J	510 J	350 J	610	430 J
Acrolein	107-02-8	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	71-43-2	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	66 U	50 U	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
Bromobenzene	108-86-1	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	66 U	50 U	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
Bromochloromethane	74-97-5	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	66 U	50 U	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
Bromoform	75-25-2	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	66 U	50 U	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
Bromomethane	74-83-9	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	66 U	50 U	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
Carbon disulfide	75-15-0	ug/kg	12 J	25 J	1200 U	20 J	21 J	560 U	660 U	500 U	690 U	700 U	700 U	790 U	43 J	620 U	74 J	580 U	740 U
Carbon tetrachloride	56-23-5	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	66 U	50 U	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
Chlorobenzene	108-90-7	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	66 U	50 U	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
Chloroethane	75-00-3	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	66 U	50 U	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
Chloroform	67-66-3	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	18 J	16 J	69 U	70 U	70 U	16 J	86 U	62 U	72 U	58 U	74 U
Chloromethane	74-87-3	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	32 J	20 J	69 U	23 J	30 J	23 J	86 U	62 U	72 U	58 U	74 U
cis-1,2-Dichloroethene	156-59-2	ug/kg	2000	160	120 U	130	160	120	1100	710	49 J	70 U	70 U	79 U	30 J	57 J	420	58 U	74 U
cis-1,3-Dichloropropene	10061-01-5	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	66 U	50 U	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
Dibromochloromethane	124-48-1	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	66 U	50 U	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
Dibromomethane	74-95-3	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	66 U	50 U	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
Dichlorobromomethane	75-27-4	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	66 U	50 U	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
Dichlorodifluoromethane	75-71-8	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	66 U	50 U	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
Ethylbenzene	100-41-4	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	14 J	50 U	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
Ethylene dibromide	106-93-4	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	66 U	50 U	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
Hexachlorobutadiene	87-68-3	ug/kg	320 U	330 U	620 U	410 U	400 U	280 U	660 U	500 U	340 U	700 U	700 U	790 U	430 U	310 U	360 U	290 U	370 U
Isopropylbenzene	98-82-8	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	66 U	50 U	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
Methyl ethyl ketone	78-93-3	ug/kg	620 J	460 J	850 J	350 J	380 J	480 J	660 U	500 U	570 J	120 J	140 J	160 J	300 J	670	610 J	510 J	620 J
Methyl tert butyl ether	1634-04-4	ug/kg	630 U	650 U	1200 U	810 U	800 U	560 U	660 U	500 U	690 U	700 U	700 U	790 U	860 U	620 U	720 U	580 U	740 U
Methylene chloride	75-09-2	ug/kg	37 J	48 J	84 J	51	46 J	46 J	66 U	50 U	49 J	70 U	70 U	79 U	50 J	47 J	62 J	41 J	60 J
n-Butylbenzene	104-51-8	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	66 U	50 U	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
n-Propylbenzene	103-65-1	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	66 U	50 U	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
Naphthalene	91-20-3	ug/kg	320 U	290 J	76 J	410 U	400 U	280 U	11 JB	7 JB	32 J	10 JB	170 U	200 U	430 U	310 U	360 U	290 U	38 J
o-Xylene	95-47-6	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	8 J	50 U	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
sec-Butylbenzene	135-98-8	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	66 U	50 U	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
Styrene	100-42-5	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	66 U	50 U	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
tert-Butylbenzene	98-06-6	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	66 U	50 U	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
Tetrachloroethene	127-18-4	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	66 U	50 U	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
Toluene	108-88-3	ug/kg	63 U	8.5 J	120 U	81 U	9.6 J	56 U	18 J	50 U	7.6 J	70 U	70 U	79 U	86 U	8.7 J	13 J	58 U	19 J
trans-1,2-Dichloroethylene	156-60-5	ug/kg	160	39 J	120 U	81 U	80 U	56 U	100	88	69 U	70 U	26 J	79 U	86 U	62 U	81	58 U	74 U
trans-1,3-Dichloropropene	10061-02-6	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	66 U	50 U	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U

APPENDIX A
SEDIMENT RESULTS
JCI - FOWLERVILLE

		Location	SDB1	SDB2	SDB3	SDB3	SDB3	SDB3	SD-C1	SD-C1	SDC2	SD-C3	SD-C3	SD-C3	SDC3	SDD1	SDD2	SDD2	SDD3
		Field ID:	SDB1-0016-101703-01	SDB2-0016-101703-01	SDB3-0012-101703-01	SDB3-1228-101703-01	SDB3-1228-101703-02	SDB3-3642-101703-01	SDC1012-042203-01	SDC11224-042203-01	SDC2-0013-101703-01	SDC3012-042203-01	SDC31224-042203-01	SDC31224-042203-02	SDC3-4248-101703-01	SDD1-0006-101603-01	SDD2-0007-101603-01	SDD2-2430-101703-01	SDD3-0012-101603-01
		Date Sampled:	10/17/2003	10/17/2003	10/17/2003	10/17/2003	10/17/2003	10/17/2003	4/22/2003	4/22/2003	10/17/2003	4/22/2003	4/22/2003	4/22/2003	10/17/2003	10/16/2003	10/16/2003	10/17/2003	10/16/2003
		Depth (ft):	0 - 16	0 - 16	0 - 12	12 - 28	12 - 28	36 - 42	0 - 12	12 - 24	0 - 13	0 - 12	12 - 24	12 - 24	42 - 48	0 - 6	0 - 7	24 - 30	0 - 12
Trichloroethene	79-01-6	ug/kg	63 U	80	120 U	81 U	80 U	56 U	410	690	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
Trichlorofluoromethane	75-69-4	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	66 U	50 U	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
Vinyl chloride	75-01-4	ug/kg	63 U	65 U	120 U	81 U	80 U	56 U	66 U	50 U	69 U	70 U	70 U	79 U	86 U	62 U	72 U	58 U	74 U
Xylene, Meta + Para	Not Applicable	ug/kg	130 U	130 U	250 U	160 U	160 U	110 U	32 J	100 U	140 U	140 U	140 U	160 U	170 U	120 U	140 U	120 U	150 U
Volatile Organic Compounds																			
1,2,4-Trichlorobenzene	120-82-1	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
1,2-Benzphenanthracene	218-01-9	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	95-50-1	ug/kg	330 U	3.2 J	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
1,3-Dichlorobenzene	541-73-1	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
1,4-Dichlorobenzene	106-46-7	ug/kg	330 U	4.4 J	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4,5-Trichlorophenol	95-95-4	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4,6-Trichlorophenol	88-06-2	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-Dichlorophenol	120-83-2	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-Dimethylphenol	105-67-9	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-Dinitrophenol	51-28-5	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
2,4-Dinitrotoluene	121-14-2	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,6-Dinitrotoluene	606-20-2	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Chloronaphthalene	91-58-7	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Chlorophenol	95-57-8	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Methylnaphthalene	91-57-6	ug/kg	330 U	40 J	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Methylphenol	95-48-7	ug/kg	330 U	17 J	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Nitroaniline	88-74-4	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
2-Nitrophenol	88-75-5	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
3,3-Dichlorobenzidine	91-94-1	ug/kg	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U
3,4-Methylphenol	108-39-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	99-09-2	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
4-Bromophenyl-phenylether	101-55-3	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Chloroaniline	106-47-8	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
4-Chlorophenyl-phenylether	7005-72-3	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Methylphenol	106-44-5	ug/kg	330 U	11 J	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Nitroaniline	100-01-6	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
4-Nitrophenol	100-02-7	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
Acenaphthene	83-32-9	ug/kg	26 J	100 J	10 J	330 U	330 U	330 U	330 U	330 U	44 J	330 U	330 U	330 U	330 U	330 U	10 J	330 U	9.5 J
Acenaphthylene	208-96-8	ug/kg	330 U	21 J	330 U	330 U	330 U	330 U	330 U	330 U	24 J	330 U	330 U	330 U	330 U	330 U	6.2 J	330 U	330 U
Anthracene	120-12-7	ug/kg	17 J	110 J	44 J	330 U	330 U	330 U	330 U	330 U	140 J	330 U	330 U	330 U	330 U	3.3 J	23 J	330 U	35 J
Benz(a)anthracene	56-55-3	ug/kg	66 J	250 J	200 J	330 U	330 U	330 U	330 U	330 U	280 J	44 J	330 U	330 U	330 U	14 J	90 J	4 J	180 J
Benzidine	92-87-5	ug/kg	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U
Benzo(a)pyrene	50-32-8	ug/kg	56 J	170 J	240 J	330 U	330 U	330 U	330 U	330 U	260 J	40 J	330 U	330 U	330 U	12 J	79 J	330 U	160 J
Benzo(b)fluoranthene	205-99-2	ug/kg	86 J	140 J	230 J	330 U	330 U	330 U	330 U	330 U	300 J	330 U	330 U	330 U	330 U	14 J	110 J	330 U	210 J
Benzo(g,h,i)perylene	191-24-2	ug/kg	48 J	110 J	190 J	330 U	330 U	330 U	330 U	330 U	170 J	330 U	330 U	330 U	330 U	15 J	54 J	6.3 J	120 J
Benzo(k)fluoranthene	207-08-9	ug/kg	31 J	170 J	220 J	330 U	330 U	330 U	330 U	330 U	150 J	330 U	330 U	330 U	330 U	9.3 J	43 J	330 U	99 J
Benzoic acid	65-85-0	ug/kg	3300 U	3300 U	3300 U	210 J	120 J	3300 U	3300 U	3300 U	9.4 J	3300 U	3300 U	3300 U	3300 U	5.5 J	3300 U	3300 U	27 J
Benzyl alcohol	100-51-6	ug/kg	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	5.1 J	1300 U	1300 U	1300 U
bis(2-Chloroethoxy)methane	111-91-1	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
bis(2-Chloroethyl)ether	111-44-4	ug/kg	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
bis(2-Chloroisopropyl)ether	108-60-1	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/kg	86 J	100 J	61 J	24 J	20 J	9.5 J	63 J	36 J	49 J	330 U	330 U	330 U	24 J	22 J	55 J	14 J	51 J
Butyl benzyl phthalate	85-68-7	ug/kg	330 U	330 U	330 U	330 U	330 U	5 J	330 U	330 U	330 U	13 J	330 U	330 U	7.5 J	330 U	330 U	330 U	330 U
Carbazole	86-74-8	ug/kg	14 J	41 J	34 J	330 U	330 U	330 U	330 U	330 U	25 J	330 U	330 U	330 U	330 U	330 U	5.8 J	330 U	21 J
Chrysene	218-01-9	ug/kg	80 J	240 J	280 J	5.2 J	4.3 J	3.1 J	330 U	330 U	310 J	56 J	330 U	330 U	330 U	13 J	75 J	6.4 J	160 J
Di-N-Butyl phthalate	84-74-2	ug/kg	47 J	80 J	110 J	62 J	47 J	27 J	61 J	58 J	40 J	64 J	84 J	83 J	76 J	38 J	55 J	72 J	77 J
Di-N-Octyl phthalate	117-84-0	ug/kg	330 U	330 U	14 J	330 U	330 U	330 U	330 U	330 U	7.4 J	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Dibenz(a,h)anthracene	53-70-3	ug/kg	10 J	48 J	72 J	330 U	330 U	330 U	330 U	330 U	42 J	330 U	330 U	330 U	330 U	330 U	14 J	330 U	27 J
Dibenzofuran	132-64-9	ug/kg	4.2 J	65 J	330 U	330 U	330 U	330 U	330 U	330 U	16 J	330 U	330 U	330 U	330 U	330 U	330 U	330 U	4.8 J
Diethylphthalate	84-66-2	ug/kg	20 J	11 J	21 J	12 J	12 J	5.8 J	330 U	330 U	17 J	330 U	330 U	330 U	10 J	11 J	13 J	11 J	13 J
Dimethyl phthalate	131-11-3	ug/kg	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	12 J	3300 U	3300 U
Fluoranthene	206-44-0	ug/kg	140 J	550	620	11 J	9.5 J	330 U	330 U	330 U	640	130 J	330 U	43 J	330 U	28 J	160 J	7.3 J	430
Fluorene	86-73-7	ug/kg	20 J	160 J	18 J	330 U	330 U	330 U	330 U	330 U	48 J	330 U	330 U	330 U	330 U	330 U	12 J	330 U	15 J
Hexachlorobenzene	118-74-1	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Hexachlorobutadiene	87-68-3	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Hexachlorocyclopentadiene	77-47-4	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Hexachloroethane	67-72-1	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Indeno(1,2,3-cd)pyrene	193-39-5	ug/kg	56 J	96 J	160 J	330 U	330 U	330 U	330 U	330 U	170 J	330 U	330 U	330 U	330 U	7.5 J	54 J	330 U	120 J

APPENDIX A
SEDIMENT RESULTS
JCI - FOWLERVILLE

		Location	SDB1	SDB2	SDB3	SDB3	SDB3	SDB3	SD-C1	SD-C1	SDC2	SD-C3	SD-C3	SD-C3	SDC3	SDD1	SDD2	SDD2	SDD3
		Field ID:	SDB1-0016-101703-01	SDB2-0016-101703-01	SDB3-0012-101703-01	SDB3-1228-101703-01	SDB3-1228-101703-02	SDB3-3642-101703-01	SDC1012-042203-01	SDC11224-042203-01	SDC2-0013-101703-01	SDC3012-042203-01	SDC31224-042203-01	SDC31224-042203-02	SDC3-4248-101703-01	SDD1-0006-101603-01	SDD2-0007-101603-01	SDD2-2430-101703-01	SDD3-0012-101603-01
		Date Sampled:	10/17/2003	10/17/2003	10/17/2003	10/17/2003	10/17/2003	10/17/2003	4/22/2003	4/22/2003	10/17/2003	4/22/2003	4/22/2003	4/22/2003	10/17/2003	10/16/2003	10/16/2003	10/17/2003	10/16/2003
		Depth (ft):	0 - 16	0 - 16	0 - 12	12 - 28	12 - 28	36 - 42	0 - 12	12 - 24	0 - 13	0 - 12	12 - 24	12 - 24	42 - 48	0 - 6	0 - 7	24 - 30	0 - 12
Isophorone	78-59-1	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
N-Nitroso-di-N-propylamine	621-64-7	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
N-Nitrosodiphenylamine	86-30-6	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Naphthalene	91-20-3	ug/kg	330 U	170 J	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Nitrobenzene	98-95-3	ug/kg	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
p-Chloro-m-cresol	59-50-7	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Pentachlorophenol	87-86-5	ug/kg	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U
Phenanthrene	85-01-8	ug/kg	64 J	330	25 J	330 U	330 U	330 U	330 U	330 U	400	70 J	330 U	330 U	330 U	12 J	51 J	7 J	180 J
Phenol	108-95-2	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
PNAs, Total	TPNA	ug/kg	840	3045	2759	24.2	22.8	6.3	NA	NA	3468	440	NA	80	NA	154.1	921.2	39	2065.5
Pyrene	129-00-0	ug/kg	140 J	510	450	8 J	9 J	3.2 J	330 U	330 U	490	100 J	330 U	37 J	330 U	26 J	140 J	8 J	320 J
Polychlorinated Biphenyls (PCBs):																			
PCB-1248	12672-29-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1254	11097-69-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1260	11096-82-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB, Total	TPCB	ug/kg	26 J	67 J	NA	NA	NA	NA	NA	NA	NA	NA	5.2 J	NA	NA	NA	16 J	NA	NA
PCB-1016	12674-11-2	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
PCB-1221	11104-28-2	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
PCB-1232	11141-16-5	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
PCB-1242	53469-21-9	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
PCB-1248	12672-29-6	ug/kg	26 J	67 J	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	5.2 J	330 U	330 U	330 U	16 J	330 U	330 U
PCB-1254	11097-69-1	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
PCB-1260	11096-82-5	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Total Metals:																			
Aluminum, Total	7429-90-5	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	2700	NA	NA	NA	NA	NA	NA	NA
Arsenic, Total	7440-38-2	mg/kg	4.2	8	15	14	10	14	7.6	3.4	6.3	4.4	9.4	14	17	6.1	7.3	5.7	8.7
Barium, Total	7440-39-3	mg/kg	41	40	125	67	60	15	21	7.1	38	36	34	42	56	32	28	21	67
Cadmium, Total	7440-43-9	mg/kg	0.16	0.12	0.4	0.26	0.23	0.071	0.48	0.28	0.11	0.31	0.36	0.5	0.18	0.081	0.12	0.057 J	0.2
Chromium, Total	7440-47-3	mg/kg	27	54	12	9.5	12	7	12	4.4	14	13	18	17	7.3	13	27	5	11
Copper, Total	7440-50-8	mg/kg	24	32	9.5	8.3	9.2	6.5	22	9.9	9.8	5	14	19	39	12	15	6.1	10
Lead, Total	7439-92-1	mg/kg	5.2	10	16	6.8	5.9	3.2	5	2.7	5.9	27	6.7	7	5.2	5.4	5.1	3.5	6.7
Mercury, Total	7439-97-6	mg/kg	0.043 J	0.045 J	0.061 J	0.056 J	0.03 J	0.0091 J	0.021 J	0.1 U	0.027 J	0.034 J	0.05 J	0.085 J	0.052 J	0.02 J	0.025 J	0.013 J	0.045 J
Nickel, Total	7440-02-0	mg/kg	19	24	9.6	9.7	9.1	8.4	39	34	8.8	7	18	27	40	12	12	8	12
Selenium, Total	7782-49-2	mg/kg	0.22 J	0.24 J	0.64	0.54	0.42	0.18 J	0.22 J	0.35	0.21 J	0.46	0.51	0.58	0.41	0.25	0.19 J	0.18 J	0.34
Silver, Total	7440-22-4	mg/kg	0.022 J	0.034 J	0.076 J	0.081 J	0.07 J	0.045 J	0.068 J	0.037 J	0.032 J	0.052 J	0.064 J	0.066 J	0.054 J	0.06 J	0.021 J	0.029 J	0.035 J
Zinc, Total	7440-66-6	mg/kg	77	174	63	38	37	16	249	11	44	32	56	64	26	26	37	16	47
Chromium(VI)	18540-29-9	mg/kg	2 U	2 U	3.4 U	3.2 U	2.6 U	2 U	2 U	2 U	2 U	19 U	39 U	32 U	2.7 U	2 U	2 U	2 U	2 U
Miscellaneous Parameters:																			
Cyanide, Free	57-12-5	mg/kg	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cyanide, Total	57-12-5	mg/kg	0.77	0.31	0.73	1.6	0.56	0.2 U	0.09 J	0.2 U	0.25	0.02 J	0.35	0.35	0.2 U	0.2 U	1.2	0.05 J	0.26
Fractional Organic Carbon	FOC	%	2.8	3.5	12	8.3	7.2	0.5	NA	NA	4.5	NA	NA	NA	9.6	1.7	5.1	0.7	6.2
Percent moisture	MOIST	%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Percent Solids	SOLID	%	73	76	42	58	62	90	87	91	73	72	69	68	58	82	70	87	66
Percent Solids	Solids	%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	TOC	%	NA	NA	NA	NA	NA	NA	1	0.4	NA	2.7	5.7	4.6	NA	NA	NA	NA	NA

NOTES:
U = Non-detect, value is reporting limit
J = Estimated value below reporting limit
NA = Parameter not analyzed
B = Blank qualified result
--- = Parameter not analyzed

APPENDIX A
SEDIMENT RESULTS
JCI - FOWLERVILLE

		Location	SD-E1	SD-E1	SDE1	SD-E2	SD-E2	SD-E3	SD-E3	SDF1	SDF1	SDF2	SDF2	SDF3	SDF3	SD-G1	SD-G1	SD-G1	SD-G2
		Field ID:	SDE1012-042203-01	SDE11224-042203-01	SDE1-3642-101703-01	SDE2012-042203-01	SDE21224-042203-01	SDE3012-042203-01	SDE31224-042203-01	SDF1-0012-101603-01	SDF1-1224-101603-01	SDF2-0012-101603-01	SDF2-1226-101603-01	SDF3-0012-101603-01	SDF3-1222-101603-01	SDG1-0012-101603-01	SDG1-1228-101603-01	SDG1-1228-101603-02	SDG2-0012-101603-01
		Date Sampled:	4/22/2003	4/23/2003	10/17/2003	4/22/2003	4/22/2003	4/22/2003	4/22/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003
		Depth (ft):	0 - 12	12 - 24	36 - 42	0 - 12	12 - 24	0 - 12	12 - 24	0 - 12	12 - 24	0 - 12	12 - 26	0 - 12	12 - 22	0 - 12	12 - 28	12 - 28	0 - 12
Volatile Organic Compounds																			
1,1,1,2-Tetrachloroethane	630-20-6	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
1,1,1-Trichloroethane	71-55-6	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
1,1,2-Trichloroethane	79-00-5	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
1,1-Dichloroethane	75-34-3	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
1,1-Dichloroethene	75-35-4	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
1,1-Dichloropropylene	563-58-6	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
1,2,3-Trichlorobenzene	87-61-6	ug/kg	410 U	280 U	310 U	460 U	510 U	360 U	290 U	270 U	270 U	350 U	290 U	370 U	310 U	380 U	290 U	330 U	300 U
1,2,3-Trichloropropane	96-18-4	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
1,2,4-Trichlorobenzene	120-82-1	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	NA	NA	NA	NA
1,2,4-Trimethylbenzene	95-63-6	ug/kg	82 U	57 U	63 U	18 JB	100 U	71 U	58 U	21 J	18 J	19 J	14 J	13 J	12 J	77 U	59 U	67 U	59 U
1,2-Dibromo-3-chloropropane	96-12-8	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
1,2-Dichlorobenzene	95-50-1	ug/kg	82 U	57 U	63 U	23 J	100 U	22 J	58 U	54 U	54 U	69 U	59 U	74 U	63 U	330 U, 77 U	330 U, 59 U	330 U, 67 U	330 U, 59 U
1,2-Dichloroethane	107-06-2	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
1,2-Dichloroethene	540-59-0	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	78-87-5	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
1,3,5-Trimethylbenzene	108-67-8	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
1,3-Dichlorobenzene	541-73-1	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	330 U, 77 U	330 U, 59 U	330 U, 67 U	330 U, 59 U
1,3-Dichloropropane	142-28-9	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
1,4-Dichlorobenzene	106-46-7	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	NA	NA	NA	NA
2,2-Dichloropropane	594-20-7	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
2-Chlorotoluene	95-49-8	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
2-Hexanone	591-78-6	ug/kg	820 U	570 U	630 U	920 U	1000 U	710 U	580 U	540 U	540 U	690 U	590 U	740 U	630 U	770 U	590 U	670 U	590 U
4-Chlorotoluene	106-43-4	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
4-Isopropyltoluene	99-87-6	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
4-Methyl-2-pentanone	108-10-1	ug/kg	820 U	570 U	630 U	920 U	1000 U	710 U	580 U	540 U	540 U	690 U	590 U	740 U	630 U	770 U	590 U	670 U	590 U
Acetone	67-64-1	ug/kg	300 JB	200 JB	630 U	350 JB	370 JB	260 JB	210 JB	330 J	440 J	640 J	590 U	660 J	440 J	360 J	590 U	320 J	590 U
Acrolein	107-02-8	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	71-43-2	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
Bromobenzene	108-86-1	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
Bromochloromethane	74-97-5	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
Bromoform	75-25-2	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
Bromomethane	74-83-9	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
Carbon disulfide	75-15-0	ug/kg	42 J	12 J	16 J	920 U	44 J	710 U	580 U	540 U	540 U	690 U	590 U	740 U	630 U	22 J	590 U	670 U	16 J
Carbon tetrachloride	56-23-5	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
Chlorobenzene	108-90-7	ug/kg	14 J	35 J	17 J	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
Chloroethane	75-00-3	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
Chloroform	67-66-3	ug/kg	14 J	22 J	63 U	92 U	17 J	10 J	14 J	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
Chloromethane	74-87-3	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
cis-1,2-Dichloroethene	156-59-2	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
cis-1,3-Dichloropropene	10061-01-5	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
Dibromochloromethane	124-48-1	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
Dibromomethane	74-95-3	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
Dichlorobromomethane	75-27-4	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
Dichlorodifluoromethane	75-71-8	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
Ethylbenzene	100-41-4	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	8 J	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
Ethylene dibromide	106-93-4	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
Hexachlorobutadiene	87-68-3	ug/kg	820 U	570 U	310 U	920 U	1000 U	710 U	580 U	270 U	270 U	350 U	290 U	370 U	310 U	NA	NA	NA	NA
Isopropylbenzene	98-82-8	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
Methyl ethyl ketone	78-93-3	ug/kg	160 J	140 J	370 J	220 J	220 J	200 J	200 J	320 J	550	530 J	500 J	900	470 J	710 J	530 J	400 J	430 J
Methyl tert butyl ether	1634-04-4	ug/kg	820 U	570 U	630 U	920 U	1000 U	710 U	580 U	540 U	540 U	690 U	590 U	740 U	630 U	770 U	590 U	670 U	590 U
Methylene chloride	75-09-2	ug/kg	82 U	57 U	79 J	92 U	100 U	71 U	58 U	24 J	32 J	58 J	46 J	41 J	46 J	23 J	26 J	29 J	38 J
n-Butylbenzene	104-51-8	ug/kg	82 U	57 U	63 U	92 U	100 U	21 JB	58 U	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
n-Propylbenzene	103-65-1	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
Naphthalene	91-20-3	ug/kg	210 U	21 JB	310 U	230 U	31 JB	36 JB	9 JB	23 J	270 U	350 U	290 U	370 U	310 U	330 U, 380 U	290 U, 330 U	330 U	1.8 J, 300 U
o-Xylene	95-47-6	ug/kg	82 U	57 U	63 U	15 J	100 U	71 U	58 U	64	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
sec-Butylbenzene	135-98-8	ug/kg	82 U	57 U	63 U	58 J	100 U	33 J	58 U	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
Styrene	100-42-5	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
tert-Butylbenzene	98-06-6	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
Tetrachloroethene	127-18-4	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
Toluene	108-88-3	ug/kg	25 J	10 J	63 U	25 J	15 J	71 U	58 U	14 J	12 J	19 J	10 J	11 J	10 J	77 U	59 U	8.7 J	9.5 J
trans-1,2-Dichloroethylene	156-60-5	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
trans-1,3-Dichloropropene	10061-02-6	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U

APPENDIX A
SEDIMENT RESULTS
JCI - FOWLERVILLE

		Location	SD-E1	SD-E1	SDE1	SD-E2	SD-E2	SD-E3	SD-E3	SDF1	SDF1	SDF2	SDF2	SDF3	SDF3	SD-G1	SD-G1	SD-G1	SD-G2
		Field ID:	SDE1012-042203-01	SDE11224-042203-01	SDE1-3642-101703-01	SDE2012-042203-01	SDE21224-042203-01	SDE3012-042203-01	SDE31224-042203-01	SDF1-0012-101603-01	SDF1-1224-101603-01	SDF2-0012-101603-01	SDF2-1226-101603-01	SDF3-0012-101603-01	SDF3-1222-101603-01	SDG1-0012-101603-01	SDG1-1228-101603-01	SDG1-1228-101603-02	SDG2-0012-101603-01
		Date Sampled:	4/22/2003	4/23/2003	10/17/2003	4/22/2003	4/22/2003	4/22/2003	4/22/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003
		Depth (ft):	0 - 12	12 - 24	36 - 42	0 - 12	12 - 24	0 - 12	12 - 24	0 - 12	12 - 24	0 - 12	12 - 26	0 - 12	12 - 22	0 - 12	12 - 28	12 - 28	0 - 12
Trichloroethene	79-01-6	ug/kg	42 JB	27 JB	63 U	42 J	59 JB	71 U	25 JB	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
Trichlorofluoromethane	75-69-4	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
Vinyl chloride	75-01-4	ug/kg	82 U	57 U	63 U	92 U	100 U	71 U	58 U	54 U	54 U	69 U	59 U	74 U	63 U	77 U	59 U	67 U	59 U
Xylene, Meta + Para	Not Applicable	ug/kg	160 U	110 U	120 U	180 U	200 U	140 U	120 U	32 J	25 J	30 J	23 J	150 U	120 U	150 U	120 U	130 U	120 U
Volatile Organic Compounds																			
1,2,4-Trichlorobenzene	120-82-1	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U, 77 U	330 U, 59 U	330 U, 67 U	330 U, 59 U
1,2-Benzphenanthracene	218-01-9	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	95-50-1	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	NA	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	NA	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U, 77 U	330 U, 59 U	330 U, 67 U	330 U, 59 U
2,4,5-Trichlorophenol	95-95-4	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4,6-Trichlorophenol	88-06-2	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-Dichlorophenol	120-83-2	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-Dimethylphenol	105-67-9	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-Dinitrophenol	51-28-5	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
2,4-Dinitrotoluene	121-14-2	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,6-Dinitrotoluene	606-20-2	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Chloronaphthalene	91-58-7	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Chlorophenol	95-57-8	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Methylnaphthalene	91-57-6	ug/kg	330 U	330 U	330 U	940	410	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Methylphenol	95-48-7	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Nitroaniline	88-74-4	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
2-Nitrophenol	88-75-5	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
3,3-Dichlorobenzidine	91-94-1	ug/kg	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U
3,4-Methylphenol	108-39-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	99-09-2	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
4-Bromophenyl-phenylether	101-55-3	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Chloroaniline	106-47-8	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
4-Chlorophenyl-phenylether	7005-72-3	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Methylphenol	106-44-5	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Nitroaniline	100-01-6	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
4-Nitrophenol	100-02-7	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
Acenaphthene	83-32-9	ug/kg	330 U	330 U	3.6 J	330 U	330 U	330 U	330 U	330 U	330 U	5.1 J	330 U	330 U	330 U	330 U	330 U	330 U	8 J
Acenaphthylene	208-96-8	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	4.7 J	330 U	330 U	330 U	330 U	330 U	330 U	9.700001 J
Anthracene	120-12-7	ug/kg	300 J	91 J	330 U	330 U	370	330 U	330 U	330 U	330 U	13 J	330 U	330 U	330 U	330 U	330 U	330 U	64 J
Benz(a)anthracene	56-55-3	ug/kg	850	300 J	5.3 J	330 U	1100	330 U	330 U	8 J	330 U	56 J	5.9 J	21 J	330 U	330 U	330 U	330 U	180 J
Benzidine	92-87-5	ug/kg	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U
Benzo(a)pyrene	50-32-8	ug/kg	630	230 J	5.6 J	330 U	830	330 U	330 U	9.3 J	330 U	51 J	330 U	18 J	330 U	330 U	330 U	330 U	180 J
Benzo(b)fluoranthene	205-99-2	ug/kg	610	230 J	330 U	330 U	900	330 U	330 U	14 J	330 U	74 J	330 U	23 J	330 U	330 U	330 U	330 U	140 J
Benzo(g,h,i)perylene	191-24-2	ug/kg	330	86 J	5.8 J	330 U	320 J	330 U	330 U	6.4 J	330 U	42 J	330 U	10 J	330 U	330 U	330 U	330 U	92 J
Benzo(k)fluoranthene	207-08-9	ug/kg	470	220 J	330 U	330 U	520	330 U	330 U	6.4 J	330 U	19 J	330 U	12 J	330 U	330 U	330 U	330 U	120 J
Benzoic acid	65-85-0	ug/kg	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	8.9 J	3300 U	3300 U	3300 U	150 J	45 J	22 J	3300 U
Benzyl alcohol	100-51-6	ug/kg	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U
bis(2-Chloroethoxy)methane	111-91-1	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
bis(2-Chloroethyl)ether	111-44-4	ug/kg	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
bis(2-Chloroisopropyl)ether	108-60-1	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/kg	890	54 J	11 J	330 U	2800	100 J	51 J	20 J	16 J	41 J	14 J	23 J	20 J	11 J	9.4 J	11 J	14 J
Butyl benzyl phthalate	85-68-7	ug/kg	49 J	330 U	330 U	330 U	330 U	330 U	330 U	18 J	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Carbazole	86-74-8	ug/kg	110 J	43 J	330 U	330 U	180 J	330 U	330 U	330 U	330 U	8.3 J	330 U	330 U	330 U	330 U	330 U	330 U	27 J
Chrysene	218-01-9	ug/kg	630	310 J	7.3 J	330 U	890	330 U	330 U	10 J	330 U	57 J	6.3 J	18 J	330 U	330 U	330 U	330 U	180 J
Di-N-Butyl phthalate	84-74-2	ug/kg	330 U	330 U	75 J	330 U	330 U	330 U	58 J	34 J	49 J	77 J	30 J	34 J	34 J	29 J	20 J	23 J	26 J
Di-N-Octyl phthalate	117-84-0	ug/kg	330 U	330 U	330 U	330 U	100 J	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Dibenz(a,h)anthracene	53-70-3	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	10 J	330 U	330 U	330 U	330 U	330 U	330 U	40 J
Dibenzofuran	132-64-9	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7.2 J
Diethylphthalate	84-66-2	ug/kg	330 U	330 U	8.3 J	330 U	330 U	330 U	330 U	9.6 J	7.8 J	10 J	7.5 J	11 J	12 J	5.9 J	3.7 J	4.4 J	5.5 J
Dimethyl phthalate	131-11-3	ug/kg	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U
Fluoranthene	206-44-0	ug/kg	1700	660	4.7 J	350	2600	120 J	330 U	21 J	330 U	140 J	12 J	40 J	6.8 J	5.4 J	330 U	330 U	470
Fluorene	86-73-7	ug/kg	220 J	65 J	330 U	330 U	360	330 U	330 U	330 U	330 U	7.1 J	330 U	330 U	330 U	330 U	330 U	330 U	35 J
Hexachlorobenzene	118-74-1	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Hexachlorobutadiene	87-68-3	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U, 380 U	290 U, 330 U	330 U	300 U, 330 U
Hexachlorocyclopentadiene	77-47-4	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Hexachloroethane	67-72-1	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Indeno(1,2,3-cd)pyrene	193-39-5	ug/kg	350	110 J	330 U	330 U	300 J	330 U	330 U	6.3 J	330 U	36 J	330 U	8.8 J	330 U	330 U	330 U	330 U	81 J

APPENDIX A
SEDIMENT RESULTS
JCI - FOWLERVILLE

		Location	SD-E1	SD-E1	SDE1	SD-E2	SD-E2	SD-E3	SD-E3	SDF1	SDF1	SDF2	SDF2	SDF3	SDF3	SD-G1	SD-G1	SD-G1	SD-G2
		Field ID:	SDE1012-042203-01	SDE11224-042203-01	SDE1-3642-101703-01	SDE2012-042203-01	SDE21224-042203-01	SDE3012-042203-01	SDE31224-042203-01	SDF1-0012-101603-01	SDF1-1224-101603-01	SDF2-0012-101603-01	SDF2-1226-101603-01	SDF3-0012-101603-01	SDF3-1222-101603-01	SDG1-0012-101603-01	SDG1-1228-101603-01	SDG1-1228-101603-02	SDG2-0012-101603-01
		Date Sampled:	4/22/2003	4/23/2003	10/17/2003	4/22/2003	4/22/2003	4/22/2003	4/22/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003
		Depth (ft):	0 - 12	12 - 24	36 - 42	0 - 12	12 - 24	0 - 12	12 - 24	0 - 12	12 - 24	0 - 12	12 - 26	0 - 12	12 - 22	0 - 12	12 - 28	12 - 28	0 - 12
Isophorone	78-59-1	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
N-Nitroso-di-N-propylamine	621-64-7	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
N-Nitrosodiphenylamine	86-30-6	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Naphthalene	91-20-3	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	NA	NA	NA	NA
Nitrobenzene	98-95-3	ug/kg	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
p-Chloro-m-cresol	59-50-7	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Pentachlorophenol	87-86-5	ug/kg	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	4.5 J
Phenanthrene	85-01-8	ug/kg	1000	380	8.2 J	240 J	1300	43 J	330 U	8.2 J	330 U	38 J	8.5 J	11 J	3 J	330 U	330 U	330 U	370
Phenol	108-95-2	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
PNAs, Total	TPNA	ug/kg	8590	3282	51.5	1890	12200	244	NA	105.6	NA	652.9	44.7	197.8	16	NA	NA	NA	NA
Pyrene	129-00-0	ug/kg	1500	600	11 J	360	2300	81 J	330 U	16 J	330 U	100 J	12 J	36 J	6.2 J	330 U	330 U	330 U	420
Polychlorinated Biphenyls (PCBs):																			
PCB-1248	12672-29-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11 J	330 U	330 U	39 J
PCB-1254	11097-69-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1260	11096-82-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB, Total	TPCB	ug/kg	9180 J	12 J	16 J	560 J	4900	262 J	34 J	12 J	NA	320 J	11 J	44 J	NA	NA	NA	NA	NA
PCB-1016	12674-11-2	ug/kg	640 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
PCB-1221	11104-28-2	ug/kg	640 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
PCB-1232	11141-16-5	ug/kg	640 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
PCB-1242	53469-21-9	ug/kg	640 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
PCB-1248	12672-29-6	ug/kg	8700	12 J	16 J	370	4500	240 J	34 J	12 J	330 U	320 J	11 J	44 J	330 U	NA	NA	NA	NA
PCB-1254	11097-69-1	ug/kg	640 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
PCB-1260	11096-82-5	ug/kg	480 J	330 U	330 U	190 J	400	22 J	330 U	330 U	330 U	59 J	330 U	330 U	330 U	330 U	330 U	330 U	17 J
Total Metals:																			
Aluminum, Total	7429-90-5	mg/kg	4360	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic, Total	7440-38-2	mg/kg	19	5.4	2.2	18	11	4.3	1.4	4.5	2.4	5.7	1.5	7.5	1.3	65	21	22	12
Barium, Total	7440-39-3	mg/kg	64	13	11	133	119	31	9.9	19	17	37	7.5	43	7.4	36	21	14	14
Cadmium, Total	7440-43-9	mg/kg	0.86	0.27	0.089	0.87	1.3	0.23	0.29	0.066	0.041 J	0.088	0.036 J	0.18	0.035 J	0.093	0.063	0.041 J	0.11
Chromium, Total	7440-47-3	mg/kg	181	5.1	5.4	1760	396	29	4.8	11	4.7	12	4.3	58	4.5	16	6.9	7.4	7
Copper, Total	7440-50-8	mg/kg	230	9	4.9	1370	513	23	3.7	8.2	2.5	25	2	36	2.6	12	3.6	2.3	5.1
Lead, Total	7439-92-1	mg/kg	51	5.5	3.7	34	97	5.4	2.2	3.2	3.2	6	1.6	7.5	1.7	3.9	2.7	1.8	17
Mercury, Total	7439-97-6	mg/kg	0.3	0.014 J	0.0099 J	0.12	0.41	0.035 J	0.1 U	0.0097 J	0.1 U	0.026 J	0.1 U	0.044 J	0.1 U	0.019 J	0.0096 J	0.1 U	0.029 J
Nickel, Total	7440-02-0	mg/kg	87	8.8	6.4	189	165	15	6.2	9.1	5.5	9.7	4.6	26	4.5	8.9	7	6.2	6.5
Selenium, Total	7782-49-2	mg/kg	0.58	0.11 J	0.33	1.5	1.5	0.041 J	0.17 J	0.14 J	0.1 J	0.19 J	0.088 J	0.33	0.086 J	0.19 J	0.17 J	0.11 J	0.17 J
Silver, Total	7440-22-4	mg/kg	0.34 J	0.043 J	0.048 J	0.14 J	0.8 J	0.04 J	0.042 J	0.04 J	0.033 J	0.035 J	0.023 J	0.036 J	0.028 J	0.04 J	0.048 J	0.035 J	0.035 J
Zinc, Total	7440-66-6	mg/kg	289	20	16	1930	721	55	21	24	10	43	9.4	85	10	65	17	11	18
Chromium(VI)	18540-29-9	mg/kg	9 U	2 U	2 U	34 U	65 U	2.1 U	2 U	2 U	2 U	2 U	2 U	2.2 U	2 U	2 U	0.18 J	0.3 J	2 U
Miscellaneous Parameters:																			
Cyanide, Free	57-12-5	mg/kg	0.5 U	0.5 U	0.5 U	1.3	0.08 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	NA	NA	NA	NA
Cyanide, Total	57-12-5	mg/kg	0.26	0.2 U	0.2 U	23	14	0.3	0.2 U	0.06 J	0.2 U	0.43	0.2 U	1.3	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Fractional Organic Carbon	FOC	%	NA	NA	0.5	NA	NA	NA	NA	0.8	0.2	2.2	0.3	4.5	0.3	9.7	0.9	0.8	1.1
Percent moisture	MOIST	%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Percent Solids	SOLID	%	64	89	85	51	50	70	84	88	87	80	86	66	83	NA	NA	NA	NA
Percent Solids	Solids	%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	69	87	86	89
Total Organic Carbon	TOC	%	4.7	0.6	NA	8.5	9.2	3.7	0.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NOTES:
U = Non-detect, value is reporting limit
J = Estimated value below reporting limit
NA = Parameter not analyzed
B = Blank qualified result
--- = Parameter not analyzed

APPENDIX A
SEDIMENT RESULTS
JCI - FOWLERVILLE

		Location	SD-G2	SD-G2	SD-G3	SD-H1	SD-H1	SD-H1	SD-H2	SD-H2	SD-H2	SD-H2	SD-H3	SD-H3	SD-I1	SD-I1	SD-I1	SD-I1	SD-I2
		Field ID:	SDG2-1227-101603-01	SDG2-1227-101603-02	SDG3-0014-101603-01	SDHI-0012-101603-01	SDHI-1224-101603-01	SDHI-2436-101603-01	SDH2-0012-101603-01	SDH2-1224-101603-01	SDH2-2445-101603-01	SDH2-2445-101603-02	SDH3-0012-101603-01	SDH3-1221-101603-01	SDI1-0012-101503-01	SDI1-1224-101503-01	SDI1-2445-101503-01	SDI1-2445-101503-02	SDI2-0012-101503-01
		Date Sampled:	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/15/2003	10/15/2003	10/15/2003	10/15/2003	10/15/2003
		Depth (ft):	12 - 27	12 - 27	0 - 14	0 - 12	12 - 0	24 - 36	0 - 12	12 - 0	24 - 45	24 - 45	0 - 12	12 - 21	0 - 12	12 - 0	24 - 45	24 - 45	0 - 12
Volatile Organic Compounds																			
1,1,1,2-Tetrachloroethane	630-20-6	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	66 U	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
1,1,1-Trichloroethane	71-55-6	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	66 U	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	66 U	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
1,1,2-Trichloroethane	79-00-5	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	66 U	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
1,1-Dichloroethane	75-34-3	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	50 J	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
1,1-Dichloroethene	75-35-4	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	66 U	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
1,1-Dichloropropylene	563-58-6	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	66 U	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
1,2,3-Trichlorobenzene	87-61-6	ug/kg	310 U	310 U	360 U	410 U	350 U	290 U	330 U	340 U	290 U	290 U	420 U	270 U	390 U	290 U	280 U	250 U	310 U
1,2,3-Trichloropropane	96-18-4	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	66 U	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
1,2,4-Trichlorobenzene	120-82-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	95-63-6	ug/kg	62 U	62 U	72 U	68 J	70 U	58 U	66 U	18 J	58 U	59 U	85 U	54 U	78 U	9.2 J	56 U	50 U	62 U
1,2-Dibromo-3-chloropropane	96-12-8	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	66 U	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
1,2-Dichlorobenzene	95-50-1	ug/kg	330 U, 62 U	330 U, 62 U	330 U, 72 U	330 U, 81 U	330 U, 70 U	330 U, 58 U	330 U, 66 U	330 U, 68 U	330 U, 58 U	330 U, 59 U	330 U, 85 U	14 J, 330 U	330 U, 78 U	330 U, 58 U	330 U, 56 U	330 U, 50 U	330 U, 62 U
1,2-Dichloroethane	107-06-2	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	66 U	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
1,2-Dichloroethene	540-59-0	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	78-87-5	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	66 U	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
1,3,5-Trimethylbenzene	108-67-8	ug/kg	62 U	62 U	72 U	46 J	70 U	58 U	66 U	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
1,3-Dichlorobenzene	541-73-1	ug/kg	330 U, 62 U	330 U, 62 U	330 U, 72 U	330 U, 81 U	330 U, 70 U	330 U, 58 U	330 U, 66 U	330 U, 68 U	330 U, 58 U	330 U, 59 U	330 U, 85 U	330 U, 54 U	330 U, 78 U	330 U, 58 U	330 U, 56 U	330 U, 50 U	330 U, 62 U
1,3-Dichloropropane	142-28-9	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	66 U	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
1,4-Dichlorobenzene	106-46-7	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	594-20-7	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	66 U	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
2-Chlorotoluene	95-49-8	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	66 U	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
2-Hexanone	591-78-6	ug/kg	620 U	620 U	720 U	810 U	700 U	580 U	660 U	680 U	580 U	590 U	850 U	540 U	780 U	580 U	560 U	500 U	620 U
4-Chlorotoluene	106-43-4	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	66 U	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
4-Isopropyltoluene	99-87-6	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	66 U	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
4-Methyl-2-pentanone	108-10-1	ug/kg	620 U	620 U	720 U	810 U	700 U	580 U	660 U	680 U	580 U	590 U	850 U	540 U	780 U	580 U	560 U	500 U	620 U
Acetone	67-64-1	ug/kg	820	310 J	440 J	560 J	880	390 J	430 J	640 J	400 J	400 J	700 J	450 J	400 J	250 J	310 J	500 U	340 J
Acrolein	107-02-8	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	71-43-2	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	66 U	38 J	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
Bromobenzene	108-86-1	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	66 U	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
Bromochloromethane	74-97-5	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	66 U	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
Bromoform	75-25-2	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	66 U	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
Bromomethane	74-83-9	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	66 U	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
Carbon disulfide	75-15-0	ug/kg	620 U	620 U	33 J	810 U	700 U	580 U	660 U	680 U	580 U	590 U	33 J	540 U	27 J	13 J	560 U	500 U	16 J
Carbon tetrachloride	56-23-5	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	66 U	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
Chlorobenzene	108-90-7	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	66 U	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
Chloroethane	75-00-3	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	66 U	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
Chloroform	67-66-3	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	66 U	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
Chloromethane	74-87-3	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	66 U	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
cis-1,2-Dichloroethene	156-59-2	ug/kg	62 U	62 U	20 J	81 U	70 U	58 U	360	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
cis-1,3-Dichloropropene	10061-01-5	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	66 U	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
Dibromochloromethane	124-48-1	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	66 U	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
Dibromomethane	74-95-3	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	66 U	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
Dichlorobromomethane	75-27-4	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	66 U	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
Dichlorodifluoromethane	75-71-8	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	66 U	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
Ethylbenzene	100-41-4	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	66 U	14 J	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
Ethylene dibromide	106-93-4	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	66 U	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
Hexachlorobutadiene	87-68-3	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	98-82-8	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	66 U	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
Methyl ethyl ketone	78-93-3	ug/kg	430 J	560 J	640 J	230 J	600 J	600	580 J	710	410 J	410 J	620 J	590	460 J	350 J	250 J	290 J	400 J
Methyl tert butyl ether	1634-04-4	ug/kg	620 U	620 U	720 U	810 U	700 U	580 U	660 U	680 U	580 U	590 U	850 U	540 U	780 U	580 U	560 U	500 U	620 U
Methylene chloride	75-09-2	ug/kg	41 J	23 J	31 J	41 J	47 J	29 J	120 J	25 J	28 J	28 J	41 J	29 J	62 J	31 J	31 J	46 J	36 J
n-Butylbenzene	104-51-8	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	66 U	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
n-Propylbenzene	103-65-1	ug/kg	62 U	62 U	72 U	19 J	70 U	58 U	66 U	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
Naphthalene	91-20-3	ug/kg	310 U, 330 U	310 U, 330 U	330 U, 360 U	330 U, 410 U	330 U, 350 U	290 U, 330 U	330 U	330 U, 38 J	290 U, 330 U	290 U, 330 U	330 U, 420 U	270 U, 330 U	330 U, 390 U	290 U, 330 U	280 U, 330 U	250 U, 330 U	310 U, 330 U
o-Xylene	95-47-6	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	66 U	18 J	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
sec-Butylbenzene	135-98-8	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	66 U	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
Styrene	100-42-5	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	66 U	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
tert-Butylbenzene	98-06-6	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	66 U	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
Tetrachloroethene	127-18-4	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	66 U	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
Toluene	108-88-3	ug/kg	62 U	62 U	7.9 J	11 J	70 U	58 U	12 J	140	58 U	11 J	12 J	54 U	13 J	8.1 J	6.7 J	5.8 J	14 J
trans-1,2-Dichloroethylene	156-60-5	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	46 J	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
trans-1,3-Dichloropropene	10061-02-6	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	66 U	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U

APPENDIX A
SEDIMENT RESULTS
JCI - FOWLERVILLE

		Location	SD-G2	SD-G2	SD-G3	SD-H1	SD-H1	SD-H1	SD-H2	SD-H2	SD-H2	SD-H2	SD-H3	SD-H3	SD-I1	SD-I1	SD-I1	SD-I1	SD-I2
		Field ID:	SDG2-1227-101603-01	SDG2-1227-101603-02	SDG3-0014-101603-01	SDHI-0012-101603-01	SDHI-1224-101603-01	SDHI-2436-101603-01	SDH2-0012-101603-01	SDH2-1224-101603-01	SDH2-2445-101603-01	SDH2-2445-101603-02	SDH3-0012-101603-01	SDH3-1221-101603-01	SDI1-0012-101503-01	SDI1-1224-101503-01	SDI1-2445-101503-01	SDI1-2445-101503-02	SDI2-0012-101503-01
		Date Sampled:	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/15/2003	10/15/2003	10/15/2003	10/15/2003	10/15/2003
		Depth (ft):	12 - 27	12 - 27	0 - 14	0 - 12	12 - 0	24 - 36	0 - 12	12 - 0	24 - 45	24 - 45	0 - 12	12 - 21	0 - 12	12 - 0	24 - 45	24 - 45	0 - 12
Trichloroethene	79-01-6	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	66 U	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
Trichlorofluoromethane	75-69-4	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	66 U	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
Vinyl chloride	75-01-4	ug/kg	62 U	62 U	72 U	81 U	70 U	58 U	66 U	68 U	58 U	59 U	85 U	54 U	78 U	58 U	56 U	50 U	62 U
Xylene, Meta + Para	Not Applicable	ug/kg	120 U	120 U	140 U	170 U	140 U	120 U	130 U	39 J	120 U	120 U	170 U	110 U	160 U	120 U	110 U	100 U	120 U
Volatile Organic Compounds																			
1,2,4-Trichlorobenzene	120-82-1	ug/kg	330 U, 62 U	330 U, 62 U	330 U, 72 U	330 U, 81 U	330 U, 70 U	330 U, 58 U	330 U, 66 U	330 U, 68 U	330 U, 58 U	330 U, 59 U	330 U, 85 U	330 U, 54 U	330 U, 78 U	330 U, 58 U	330 U, 56 U	330 U, 50 U	330 U, 62 U
1,2-Benzphenanthracene	218-01-9	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	95-50-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	ug/kg	330 U, 62 U	330 U, 62 U	330 U, 72 U	330 U, 81 U	330 U, 70 U	330 U, 58 U	330 U, 66 U	330 U, 68 U	330 U, 58 U	330 U, 59 U	330 U, 85 U	330 U, 54 U	330 U, 78 U	330 U, 58 U	330 U, 56 U	330 U, 50 U	330 U, 62 U
2,4,5-Trichlorophenol	95-95-4	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4,6-Trichlorophenol	88-06-2	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-Dichlorophenol	120-83-2	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-Dimethylphenol	105-67-9	ug/kg	330 U	330 U	330 U	330 U	8.8 J	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-Dinitrophenol	51-28-5	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
2,4-Dinitrotoluene	121-14-2	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,6-Dinitrotoluene	606-20-2	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Chloronaphthalene	91-58-7	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Chlorophenol	95-57-8	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Methylnaphthalene	91-57-6	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Methylphenol	95-48-7	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Nitroaniline	88-74-4	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
2-Nitrophenol	88-75-5	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
3,3-Dichlorobenzidine	91-94-1	ug/kg	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U
3,4-Methylphenol	108-39-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	99-09-2	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
4-Bromophenyl-phenylether	101-55-3	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Chloroaniline	106-47-8	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	2.4 J	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
4-Chlorophenyl-phenylether	7005-72-3	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Methylphenol	106-44-5	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Nitroaniline	100-01-6	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
4-Nitrophenol	100-02-7	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
Acenaphthene	83-32-9	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Acenaphthylene	208-96-8	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Anthracene	120-12-7	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	29 J	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	5.3 J
Benz(a)anthracene	56-55-3	ug/kg	330 U	330 U	6.8 J	330 U	6.3 J	330 U	28 J	12 J	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	28 J
Benzidine	92-87-5	ug/kg	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U
Benzo(a)pyrene	50-32-8	ug/kg	330 U	330 U	9.9 J	330 U	330 U	330 U	28 J	330 U	330 U	330 U	9.4 J	330 U	330 U	330 U	330 U	330 U	23 J
Benzo(b)fluoranthene	205-99-2	ug/kg	330 U	330 U	11 J	330 U	330 U	330 U	41 J	330 U	330 U	330 U	11 J	330 U	330 U	330 U	330 U	330 U	22 J
Benzo(g,h,i)perylene	191-24-2	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	18 J	3 J	330 U	330 U	3.3 J	330 U	330 U	330 U	330 U	330 U	14 J
Benzo(k)fluoranthene	207-08-9	ug/kg	330 U	330 U	330 U	6 J	330 U	330 U	14 J	330 U	330 U	330 U	5.6 J	330 U	330 U	330 U	330 U	330 U	15 J
Benzoic acid	65-85-0	ug/kg	30 J	8.3 J	3300 U	3300 U	140 J	3300 U	6.4 J	320 J	210 J	140 J	3300 U	3300 U	3300 U	3300 U	5.8 J	3300 U	3300 U
Benzyl alcohol	100-51-6	ug/kg	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U
bis(2-Chloroethoxy)methane	111-91-1	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
bis(2-Chloroethyl)ether	111-44-4	ug/kg	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
bis(2-Chloroisopropyl)ether	108-60-1	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/kg	13 J	11 J	16 J	20 J	260 J	10 J	23 J	200 J	15 J	9 J	49 J	12 J	23 J	19 J	19 J	16 J	13 J
Butyl benzyl phthalate	85-68-7	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	17 J	330 U	6.1 J	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Carbazole	86-74-8	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	9 J	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Chrysene	218-01-9	ug/kg	330 U	330 U	9.5 J	6.6 J	9.1 J	330 U	26 J	12 J	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	26 J
Di-N-Butyl phthalate	84-74-2	ug/kg	27 J	24 J	35 J	37 J	31 J	28 J	29 J	25 J	29 J	30 J	39 J	25 J	57 J	40 J	31 J	40 J	28 J
Di-N-Octyl phthalate	117-84-0	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Dibenz(a,h)anthracene	53-70-3	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Dibenzofuran	132-64-9	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Diethylphthalate	84-66-2	ug/kg	5.1 J	4.5 J	7.8 J	8.2 J	330 U	5.9 J	7.9 J	330 U	6.8 J	6.8 J	13 J	6.6 J	15 J	12 J	8.9 J	9.5 J	11 J
Dimethyl phthalate	131-11-3	ug/kg	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	6.5 J	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U
Fluoranthene	206-44-0	ug/kg	330 U	330 U	25 J	13 J	20 J	330 U	62 J	22 J	330 U	330 U	21 J	330 U	330 U	330 U	330 U	330 U	43 J
Fluorene	86-73-7	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Hexachlorobenzene	118-74-1	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Hexachlorobutadiene	87-68-3	ug/kg	310 U, 330 U	310 U, 330 U	330 U, 360 U	330 U, 410 U	330 U, 350 U	290 U, 330 U	330 U	330 U, 340 U	290 U, 330 U	290 U, 330 U	330 U, 420 U	270 U, 330 U	330 U, 390 U	290 U, 330 U	280 U, 330 U	250 U, 330 U	310 U, 330 U
Hexachlorocyclopentadiene	77-47-4	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Hexachloroethane	67-72-1	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Indeno(1,2,3-cd)pyrene	193-39-5	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	18 J	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	14 J

APPENDIX A
SEDIMENT RESULTS
JCI - FOWLERVILLE

		Location	SD-G2	SD-G2	SD-G3	SD-H1	SD-H1	SD-H1	SD-H2	SD-H2	SD-H2	SD-H2	SD-H3	SD-H3	SD-I1	SD-I1	SD-I1	SD-I1	SD-I2
		Field ID:	SDG2-1227-101603-01	SDG2-1227-101603-02	SDG3-0014-101603-01	SDHI-0012-101603-01	SDHI-1224-101603-01	SDHI-2436-101603-01	SDH2-0012-101603-01	SDH2-1224-101603-01	SDH2-2445-101603-01	SDH2-2445-101603-02	SDH3-0012-101603-01	SDH3-1221-101603-01	SDI1-0012-101503-01	SDI1-1224-101503-01	SDI1-2445-101503-01	SDI1-2445-101503-02	SDI2-0012-101503-01
		Date Sampled:	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/16/2003	10/15/2003	10/15/2003	10/15/2003	10/15/2003	10/15/2003
		Depth (ft):	12 - 27	12 - 27	0 - 14	0 - 12	12 - 0	24 - 36	0 - 12	12 - 0	24 - 45	24 - 45	0 - 12	12 - 21	0 - 12	12 - 0	24 - 45	24 - 45	0 - 12
Isophorone	78-59-1	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
N-Nitroso-di-N-propylamine	621-64-7	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
N-Nitrosodiphenylamine	86-30-6	ug/kg	330 U	330 U	4.7 J	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Naphthalene	91-20-3	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	98-95-3	ug/kg	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
p-Chloro-m-cresol	59-50-7	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Pentachlorophenol	87-86-5	ug/kg	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U
Phenanthrene	85-01-8	ug/kg	330 U	330 U	9.8 J	5.1 J	10 J	330 U	32 J	330 U	330 U	330 U	9.4 J	330 U	330 U	330 U	330 U	330 U	11 J
Phenol	108-95-2	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	14 J	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
PNAs, Total	TPNA	ug/kg	NA	NA	90	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	129-00-0	ug/kg	330 U	330 U	18 J	11 J	17 J	330 U	53 J	26 J	330 U	330 U	15 J	330 U	330 U	330 U	330 U	330 U	42 J
Polychlorinated Biphenyls (PCBs):																			
PCB-1248	12672-29-6	ug/kg	330 U	330 U	15 J	56 J	170 J	42 J	180 J	72 J	330 U	330 U	33 J	330 U	330 U	330 U	330 U	330 U	12 J
PCB-1254	11097-69-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1260	11096-82-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB, Total	TPCB	ug/kg	NA	NA	15 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1016	12674-11-2	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
PCB-1221	11104-28-2	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
PCB-1232	11141-16-5	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
PCB-1242	53469-21-9	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
PCB-1248	12672-29-6	ug/kg	NA	NA	15 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1254	11097-69-1	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
PCB-1260	11096-82-5	ug/kg	330 U	330 U	10 J	23 J	67 J	330 U	49 J	120 J	330 U	330 U	27 J	330 U	330 U	330 U	330 U	330 U	330 U
Total Metals:																			
Aluminum, Total	7429-90-5	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic, Total	7440-38-2	mg/kg	3.6	4.6	6.6	10	8.2	5.3	4.5	6.4	8.9	6.8	11	4.6	8.9	18	6.3	10	4.9
Barium, Total	7440-39-3	mg/kg	6.7	7.2	40	77	49	37	25	28	19	11	54	9.4	54	13	11	8.4	17
Cadmium, Total	7440-43-9	mg/kg	0.027 J	0.049 J	0.2	0.26	0.17	0.14	0.088	0.11	0.059	0.039 J	0.28	0.045 J	0.21	0.068	0.056 J	0.053 J	0.076
Chromium, Total	7440-47-3	mg/kg	4.5	4.8	16	41	771	13	16	99	5.1	5.1	71	6.7	26	9.8	5.2	4.2	10
Copper, Total	7440-50-8	mg/kg	1.8	2.6	15	33	563	11	20	61	2.6	1.7	63	3	17	3.1	3.3	2	2.8
Lead, Total	7439-92-1	mg/kg	1.6	1.9	10	22	14	5.9	4.6	9	2.1	1.7	11	2.1	7.5	2.9	2.4	1.9	5.7
Mercury, Total	7439-97-6	mg/kg	0.1 U	0.1 U	0.044 J	0.053 J	0.03 J	0.019 J	0.017 J	0.062 J	0.012 J	0.1 U	0.049 J	0.1 U	0.057 J	0.015 J	0.0096 J	0.1 U	0.031 J
Nickel, Total	7440-02-0	mg/kg	6.5	7.8	12	26	150	12	41	40	5.3	5.3	45	7.2	11	7.9	7	9.1	6.1
Selenium, Total	7782-49-2	mg/kg	0.23 U	0.11 J	0.27 J	0.36 U	0.38	0.13 J	0.13 J	0.26 J	0.13 J	0.13 J	0.46	0.14 J	0.36	0.12 J	0.16 J	0.29	0.14 J
Silver, Total	7440-22-4	mg/kg	0.023 J	0.041 J	0.047 J	0.06 J	0.049 J	0.083 J	0.047 J	0.09 J	0.037 J	0.03 J	0.06 J	0.038 J	0.061 J	0.046 J	0.039 J	0.038 J	0.033 J
Zinc, Total	7440-66-6	mg/kg	8.9	10	60	79	784	36	101	178	11	9.7	127	11	50	15	11	7.1	19
Chromium(VI)	18540-29-9	mg/kg	2 U	2.1	2 U	0.9 J	2 U	2 U	2 U	2 U	0.13 J	2 U	2 U	0.19 J	2 U	0.42 J	0.34 J	2 U	2 U
Miscellaneous Parameters:																			
Cyanide, Free	57-12-5	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide, Total	57-12-5	mg/kg	0.2 U	0.2 U	0.07 J	1.4	11	0.74	0.24	1.4	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
Fractional Organic Carbon	FOC	%	0.3	0.2	11	15	5.5	1.4	1.9	5.3	1.1	1.3	24	0.8	6.4	1.6	0.7	0.6	1.8
Percent moisture	MOIST	%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Percent Solids	SOLID	%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Percent Solids	Solids	%	87	85	71	57	69	80	82	71	86	85	59	85	63	84	90	90	84
Total Organic Carbon	TOC	%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NOTES:
U = Non-detect, value is reporting limit
J = Estimated value below reporting limit
NA = Parameter not analyzed
B = Blank qualified result
--- = Parameter not analyzed

APPENDIX A
SEDIMENT RESULTS
JCI - FOWLERVILLE

		Location	SD-I2	SD-I2	SD-I3	SD-I3	SD-I3	SD-J1	SD-J1	SD-J1	SD-J2	SD-J2	SD-J3	SD-J3	SD-K1	SD-K2	SD-K2	SD-K1	SD-K3
		Field ID:	SDI2-1224-101503-01	SDI2-2436-101503-01	SDI3-0012-101503-01	SDI3-1231-101503-01	SDI3-1231-101503-02	SDJ1012-042203-01	SDJ11224-042203-01	SDJ11224-042203-02	SDJ2-0012-101503-01	SDJ2-1224-101503-01	SDJ3012-042203-01	SDJ31224-042203-01	SDK1-0012-101503-01	SDK2-0012-101503-01	SDK2-1224-101503-01	SDK1-1224-101503-01	SDK3-0012-101503-01
		Date Sampled:	10/15/2003	10/15/2003	10/15/2003	10/15/2003	10/15/2003	4/22/2003	4/22/2003	4/22/2003	10/15/2003	10/15/2003	4/22/2003	4/22/2003	10/15/2003	10/15/2003	10/15/2003	10/15/2003	10/15/2003
		Depth (ft):	12 - 0	24 - 36	0 - 12	12 - 31	12 - 31	0 - 12	12 - 24	12 - 24	0 - 12	12 - 0	0 - 12	12 - 24	0 - 12	0 - 12	12 - 0	12 - 0	0 - 12
Volatile Organic Compounds																			
1,1,1,2-Tetrachloroethane	630-20-6	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U
1,1,1-Trichloroethane	71-55-6	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U
1,1,2-Trichloroethane	79-00-5	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U
1,1-Dichloroethane	75-34-3	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U
1,1-Dichloroethene	75-35-4	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U
1,1-Dichloropropylene	563-58-6	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U
1,2,3-Trichlorobenzene	87-61-6	ug/kg	280 U	340 U	610 U	290 U	280 U	380 U	290 U	280 U	280 U	320 U	420 U	390 U	400 U	280 U	290 U	380 U	330 U
1,2,3-Trichloropropane	96-18-4	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U
1,2,4-Trichlorobenzene	120-82-1	ug/kg	NA	NA	NA	NA	NA	77 U	57 U	56 U	NA	NA	84 U	77 U	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	95-63-6	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	10 JB	56 U	65 U	84 U	77 U	80 U	56 U	12 J	77 U	11 J
1,2-Dibromo-3-chloropropane	96-12-8	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U
1,2-Dichlorobenzene	95-50-1	ug/kg	330 U, 57 U	330 U, 68 U	120 U, 330 U	330 U, 59 U	330 U, 56 U	77 U	57 U	56 U	330 U, 56 U	330 U, 65 U	84 U	77 U	330 U, 80 U	330 U, 56 U	330 U, 59 U	330 U, 77 U	330 U, 67 U
1,2-Dichloroethane	107-06-2	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U
1,2-Dichloroethene	540-59-0	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	78-87-5	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U
1,3,5-Trimethylbenzene	108-67-8	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U
1,3-Dichlorobenzene	541-73-1	ug/kg	330 U, 57 U	330 U, 68 U	120 U, 330 U	330 U, 59 U	330 U, 56 U	77 U	57 U	56 U	330 U, 56 U	330 U, 65 U	84 U	77 U	330 U, 80 U	330 U, 56 U	330 U, 59 U	330 U, 77 U	330 U, 67 U
1,3-Dichloropropane	142-28-9	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U
1,4-Dichlorobenzene	106-46-7	ug/kg	NA	NA	NA	NA	NA	77 U	57 U	56 U	NA	NA	84 U	77 U	NA	NA	NA	NA	NA
2,2-Dichloropropane	594-20-7	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U
2-Chlorotoluene	95-49-8	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U
2-Hexanone	591-78-6	ug/kg	570 U	680 U	1200 U	590 U	560 U	770 U	570 U	560 U	560 U	650 U	840 U	770 U	800 U	560 U	590 U	770 U	670 U
4-Chlorotoluene	106-43-4	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U
4-Isopropyltoluene	99-87-6	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U
4-Methyl-2-pentanone	108-10-1	ug/kg	570 U	680 U	1200 U	590 U	560 U	770 U	570 U	560 U	560 U	650 U	840 U	770 U	800 U	560 U	590 U	770 U	670 U
Acetone	67-64-1	ug/kg	300 J	320 J	590 J	380 J	460 J	260 JB	190 JB	190 JB	250 J	650 U	340 JB	250 JB	710 J	560 U	300 J	550 J	670 U
Acrolein	107-02-8	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	71-43-2	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U
Bromobenzene	108-86-1	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U
Bromochloromethane	74-97-5	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U
Bromoform	75-25-2	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U
Bromomethane	74-83-9	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U
Carbon disulfide	75-15-0	ug/kg	570 U	12 J	1200 U	14 J	560 U	28 J	570 U	560 U	15 J	41 J	840 U	22 J	800 U	560 U	590 U	52 J	670 U
Carbon tetrachloride	56-23-5	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U
Chlorobenzene	108-90-7	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U
Chloroethane	75-00-3	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U
Chloroform	67-66-3	ug/kg	57 U	68 U	120 U	59 U	56 U	14 J	12 J	16 J	56 U	65 U	18 J	15 J	80 U	56 U	59 U	77 U	67 U
Chloromethane	74-87-3	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	16 J	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U
cis-1,2-Dichloroethene	156-59-2	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U
cis-1,3-Dichloropropene	10061-01-5	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U
Dibromochloromethane	124-48-1	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U
Dibromomethane	74-95-3	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U
Dichlorobromomethane	75-27-4	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U
Dichlorodifluoromethane	75-71-8	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U
Ethylbenzene	100-41-4	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	8.2 J	77 U	67 U
Ethylene dibromide	106-93-4	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U
Hexachlorobutadiene	87-68-3	ug/kg	NA	NA	NA	NA	NA	770 U	570 U	560 U	NA	NA	840 U	770 U	NA	NA	NA	NA	NA
Isopropylbenzene	98-82-8	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U
Methyl ethyl ketone	78-93-3	ug/kg	360 J	500 J	640 J	590 U	230 J	150 J	92 J	110 J	290 J	420 J	230 J	170 J	690 J	380 J	450 J	570 J	620 J
Methyl tert butyl ether	1634-04-4	ug/kg	570 U	680 U	1200 U	590 U	560 U	770 U	570 U	560 U	560 U	650 U	840 U	770 U	800 U	560 U	590 U	770 U	670 U
Methylene chloride	75-09-2	ug/kg	30 J	56 J	90 J	29 J	43 J	77 U	57 U	56 U	17 J	54 J	84 U	77 U	27 J	10 J	29 J	38 J	45 J
n-Butylbenzene	104-51-8	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U
n-Propylbenzene	103-65-1	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U
Naphthalene	91-20-3	ug/kg	280 U, 330 U	330 U, 340 U	330 U, 610 U	290 U, 330 U	280 U, 330 U	12 JB	9 JB	140 U	280 U, 330 U	320 U, 330 U	11 JB	190 U	330 U, 400 U	280 U, 330 U	290 U, 330 U	330 U, 380 U	330 U
o-Xylene	95-47-6	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U
sec-Butylbenzene	135-98-8	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U
Styrene	100-42-5	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U
tert-Butylbenzene	98-06-6	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U
Tetrachloroethene	127-18-4	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U
Toluene	108-88-3	ug/kg	6 J	68 U	16 J	59 U	56 U	77 U	57 U	56 U	11 J	15 J	84 U	77 U	80 U	56 U	18 J	77 U	17 J
trans-1,2-Dichloroethylene	156-60-5	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U
trans-1,3-Dichloropropene	10061-02-6	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U

APPENDIX A
SEDIMENT RESULTS
JCI - FOWLERVILLE

		Location	SD-I2	SD-I2	SD-I3	SD-I3	SD-I3	SD-J1	SD-J1	SD-J1	SD-J2	SD-J2	SD-J3	SD-J3	SD-K1	SD-K2	SD-K2	SD-K1	SD-K3
		Field ID:	SDI2-1224-101503-01	SDI2-2436-101503-01	SDI3-0012-101503-01	SDI3-1231-101503-01	SDI3-1231-101503-02	SDJ1012-042203-01	SDJ11224-042203-01	SDJ11224-042203-02	SDJ2-0012-101503-01	SDJ2-1224-101503-01	SDJ3012-042203-01	SDJ31224-042203-01	SDK1-0012-101503-01	SDK2-0012-101503-01	SDK2-1224-101503-01	SDK1-1224-101503-01	SDK3-0012-101503-01
		Date Sampled:	10/15/2003	10/15/2003	10/15/2003	10/15/2003	10/15/2003	4/22/2003	4/22/2003	4/22/2003	10/15/2003	10/15/2003	4/22/2003	4/22/2003	10/15/2003	10/15/2003	10/15/2003	10/15/2003	10/15/2003
		Depth (ft):	12 - 0	24 - 36	0 - 12	12 - 31	12 - 31	0 - 12	12 - 24	12 - 24	0 - 12	12 - 0	0 - 12	12 - 24	0 - 12	0 - 12	12 - 0	12 - 0	0 - 12
Trichloroethene	79-01-6	ug/kg	57 U	68 U	120 U	59 U	56 U	48 JB	57 U	56 U	56 U	65 U	54 JB	37 JB	80 U	56 U	59 U	77 U	67 U
Trichlorofluoromethane	75-69-4	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U
Vinyl chloride	75-01-4	ug/kg	57 U	68 U	120 U	59 U	56 U	77 U	57 U	56 U	56 U	65 U	84 U	77 U	80 U	56 U	59 U	77 U	67 U
Xylene, Meta + Para	Not Applicable	ug/kg	110 U	140 U	240 U	120 U	110 U	150 U	110 U	110 U	110 U	130 U	170 U	150 U	160 U	110 U	22 J	150 U	130 U
Volatile Organic Compounds																			
1,2,4-Trichlorobenzene	120-82-1	ug/kg	330 U, 57 U	330 U, 68 U	120 U, 330 U	330 U, 59 U	330 U, 56 U	330 U	330 U	330 U	330 U, 56 U	330 U, 65 U	330 U	330 U	330 U, 80 U	330 U, 56 U	330 U, 59 U	330 U, 77 U	330 U, 67 U
1,2-Benzphenanthracene	218-01-9	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	95-50-1	ug/kg	NA	NA	NA	NA	NA	330 U	330 U	330 U	NA	NA	330 U	330 U	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	ug/kg	NA	NA	NA	NA	NA	330 U	330 U	330 U	NA	NA	330 U	330 U	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	ug/kg	330 U, 57 U	330 U, 68 U	120 U, 330 U	330 U, 59 U	330 U, 56 U	330 U	330 U	330 U	330 U, 56 U	330 U, 65 U	330 U	330 U	330 U, 80 U	330 U, 56 U	330 U, 59 U	330 U, 77 U	330 U, 67 U
2,4,5-Trichlorophenol	95-95-4	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4,6-Trichlorophenol	88-06-2	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-Dichlorophenol	120-83-2	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-Dimethylphenol	105-67-9	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-Dinitrophenol	51-28-5	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
2,4-Dinitrotoluene	121-14-2	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,6-Dinitrotoluene	606-20-2	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Chloronaphthalene	91-58-7	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Chlorophenol	95-57-8	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Methylnaphthalene	91-57-6	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Methylphenol	95-48-7	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Nitroaniline	88-74-4	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
2-Nitrophenol	88-75-5	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
3,3-Dichlorobenzidine	91-94-1	ug/kg	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U	2000 U
3,4-Methylphenol	108-39-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	99-09-2	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
4-Bromophenyl-phenylether	101-55-3	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Chloroaniline	106-47-8	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
4-Chlorophenyl-phenylether	7005-72-3	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Methylphenol	106-44-5	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Nitroaniline	100-01-6	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
4-Nitrophenol	100-02-7	ug/kg	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
Acenaphthene	83-32-9	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	11 J	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Acenaphthylene	208-96-8	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Anthracene	120-12-7	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Benz(a)anthracene	56-55-3	ug/kg	330 U	330 U	16 J	330 U	330 U	63 J	330 U	330 U	8 J	6.9 J	330 U	330 U	9.5 J	330 U	330 U	330 U	330 U
Benzidine	92-87-5	ug/kg	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U	5000 U
Benzo(a)pyrene	50-32-8	ug/kg	330 U	330 U	22 J	330 U	330 U	72 J	330 U	330 U	7.5 J	6.7 J	330 U	330 U	9.5 J	330 U	330 U	330 U	330 U
Benzo(b)fluoranthene	205-99-2	ug/kg	330 U	330 U	20 J	330 U	330 U	89 J	330 U	330 U	9.8 J	7.2 J	330 U	330 U	10 J	330 U	330 U	330 U	330 U
Benzo(g,h,i)perylene	191-24-2	ug/kg	330 U	330 U	15 J	330 U	330 U	330 U	330 U	330 U	6.3 J	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Benzo(k)fluoranthene	207-08-9	ug/kg	330 U	330 U	21 J	330 U	330 U	74 J	330 U	330 U	8.4 J	7.5 J	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Benzoic acid	65-85-0	ug/kg	130 J	6.4 J	98 J	8.1 J	11 J	3300 U	3300 U	3300 U	18 J	16 J	3300 U	320 J	35 J	3300 U	3300 U	110 J	3300 U
Benzyl alcohol	100-51-6	ug/kg	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U	1300 U
bis(2-Chloroethoxy)methane	111-91-1	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
bis(2-Chloroethyl)ether	111-44-4	ug/kg	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
bis(2-Chloroisopropyl)ether	108-60-1	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/kg	18 J	18 J	38 J	19 J	17 J	110 J	71 J	330 U	43 J	36 J	90 J	56 J	16 J	9.1 J	9.5 J	13 J	15 J
Butyl benzyl phthalate	85-68-7	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	4.7 J	330 U	330 U	330 U
Carbazole	86-74-8	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Chrysene	218-01-9	ug/kg	330 U	330 U	22 J	330 U	330 U	65 J	330 U	330 U	9 J	6.7 J	330 U	330 U	12 J	330 U	330 U	330 U	330 U
Di-N-Butyl phthalate	84-74-2	ug/kg	34 J	52 J	85 J	35 J	32 J	81 J	330 U	59 J	51 J	330 U	88 J	330 U	21 J	20 J	20 J	26 J	47 J
Di-N-Octyl phthalate	117-84-0	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Dibenz(a,h)anthracene	53-70-3	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Dibenzofuran	132-64-9	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Diethylphthalate	84-66-2	ug/kg	9.4 J	14 J	17 J	7.8 J	6.4 J	330 U	330 U	330 U	14 J	16 J	330 U	330 U	4.5 J	4.3 J	4.1 J	5.3 J	14 J
Dimethyl phthalate	131-11-3	ug/kg	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U	3300 U
Fluoranthene	206-44-0	ug/kg	330 U	330 U	45 J	330 U	330 U	210 J	330 U	330 U	18 J	21 J	330 U	330 U	17 J	330 U	330 U	330 U	330 U
Fluorene	86-73-7	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Hexachlorobenzene	118-74-1	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Hexachlorobutadiene	87-68-3	ug/kg	280 U, 330 U	330 U, 340 U	330 U, 610 U	290 U, 330 U	280 U, 330 U	330 U	330 U	330 U	280 U, 330 U	320 U, 330 U	330 U	330 U	330 U, 400 U	280 U, 330 U	290 U, 330 U	330 U, 380 U	330 U
Hexachlorocyclopentadiene	77-47-4	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Hexachloroethane	67-72-1	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Indeno(1,2,3-cd)pyrene	193-39-5	ug/kg	330 U	330 U	14 J	330 U	330 U	330 U	330 U	330 U	5.3 J	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U

APPENDIX A
SEDIMENT RESULTS
JCI - FOWLERVILLE

		Location	SD-I2	SD-I2	SD-I3	SD-I3	SD-I3	SD-J1	SD-J1	SD-J1	SD-J2	SD-J2	SD-J3	SD-J3	SD-K1	SD-K2	SD-K2	SD-K1	SD-K3
		Field ID:	SDI2-1224-101503-01	SDI2-2436-101503-01	SDI3-0012-101503-01	SDI3-1231-101503-01	SDI3-1231-101503-02	SDJ1012-042203-01	SDJ11224-042203-01	SDJ11224-042203-02	SDJ2-0012-101503-01	SDJ2-1224-101503-01	SDJ3012-042203-01	SDJ31224-042203-01	SDK1-0012-101503-01	SDK2-0012-101503-01	SDK2-1224-101503-01	SDK1-1224-101503-01	SDK3-0012-101503-01
		Date Sampled:	10/15/2003	10/15/2003	10/15/2003	10/15/2003	10/15/2003	4/22/2003	4/22/2003	4/22/2003	10/15/2003	10/15/2003	4/22/2003	4/22/2003	10/15/2003	10/15/2003	10/15/2003	10/15/2003	10/15/2003
		Depth (ft):	12 - 0	24 - 36	0 - 12	12 - 31	12 - 31	0 - 12	12 - 24	12 - 24	0 - 12	12 - 0	0 - 12	12 - 24	0 - 12	0 - 12	12 - 0	12 - 0	0 - 12
Isophorone	78-59-1	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
N-Nitroso-di-N-propylamine	621-64-7	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
N-Nitrosodiphenylamine	86-30-6	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Naphthalene	91-20-3	ug/kg	NA	NA	NA	NA	NA	330 U	330 U	330 U	NA	NA	330 U	330 U	NA	NA	NA	NA	NA
Nitrobenzene	98-95-3	ug/kg	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
p-Chloro-m-cresol	59-50-7	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Pentachlorophenol	87-86-5	ug/kg	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U
Phenanthrene	85-01-8	ug/kg	330 U	330 U	15 J	330 U	330 U	67 J	330 U	330 U	9.3 J	4.7 J	330 U	330 U	6.5 J	330 U	330 U	330 U	330 U
Phenol	108-95-2	ug/kg	19 J	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
PNAs, Total	TPNA	ug/kg	NA	NA	NA	NA	NA	820	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	129-00-0	ug/kg	330 U	330 U	31 J	330 U	330 U	180 J	330 U	330 U	16 J	18 J	330 U	330 U	14 J	330 U	330 U	330 U	330 U
Polychlorinated Biphenyls (PCBs):																			
PCB-1248	12672-29-6	ug/kg	330 U	330 U	27 J	20 J	22 J	NA	NA	NA	19 J	14 J	NA	NA	25 J	330 U	330 U	330 U	330 U
PCB-1254	11097-69-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1260	11096-82-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB, Total	TPCB	ug/kg	NA	NA	NA	NA	NA	126 J	7 J	NA	NA	NA	22.4 J	NA	NA	NA	NA	NA	NA
PCB-1016	12674-11-2	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
PCB-1221	11104-28-2	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
PCB-1232	11141-16-5	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
PCB-1242	53469-21-9	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
PCB-1248	12672-29-6	ug/kg	NA	NA	NA	NA	NA	110 J	7 J	330 U	NA	NA	13 J	330 U	NA	NA	NA	NA	NA
PCB-1254	11097-69-1	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 UJ	330 U	330 U	330 U	330 U	330 U	330 U
PCB-1260	11096-82-5	ug/kg	330 U	330 U	330 U	330 U	330 U	16 J	330 U	330 U	330 U	330 U	9.4 J	330 U	22 J	330 U	330 U	330 U	330 U
Total Metals:																			
Aluminum, Total	7429-90-5	mg/kg	NA	NA	NA	NA	NA	5260	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic, Total	7440-38-2	mg/kg	3.4	6.4	18	3.4	4.6	8.7	1.7	2.8	8.4	7.2	7.8	14	13	2.3	1.4	9.6	2.1
Barium, Total	7440-39-3	mg/kg	7	11	128	18	18	74	10	8.2	48	29	47	62	114	6.1	5.4	73	8.8
Cadmium, Total	7440-43-9	mg/kg	0.029 J	0.054 J	0.42	0.069	0.081	0.72	0.24	0.23	0.23	0.1	0.45	0.53	0.4	0.031 J	0.041 J	0.25	0.039 J
Chromium, Total	7440-47-3	mg/kg	3.6	4.1	102	13	12	40	7.5	5.3	74	35	40	10	109	4.4	3.7	23	3.5
Copper, Total	7440-50-8	mg/kg	0.8 J	1.2 J	82	11	8	47	5.4	4.1	64	26	34	11	73	2.2	2.2	16	2.6
Lead, Total	7439-92-1	mg/kg	1.5	1.6	17	3.2	3.9	12	2.4	2.1	16	8.3	9.1	6.2	20	1.7	1.6	9.4	1.5
Mercury, Total	7439-97-6	mg/kg	0.012 J	0.012 J	0.12	0.021 J	0.019 J	0.04 J	0.1 U	0.011 J	0.038 J	0.024 J	0.031 J	0.028 J	0.1	0.1 U	0.1 U	0.082 J	0.1 U
Nickel, Total	7440-02-0	mg/kg	3.5	3.8	39	8.9	8.6	26	7.5	6.9	34	20	19	12	29	5.2	4.5	12	5.4
Selenium, Total	7782-49-2	mg/kg	0.33 U	0.13 J	0.65	0.15 J	1.9	0.48	0.43	0.24	0.33	0.18 J	0.43	0.58	0.61	0.11 J	0.091 J	0.51	0.11 J
Silver, Total	7440-22-4	mg/kg	0.019 J	0.023 J	0.13 J	0.045 J	0.058 J	0.092 J	0.049 J	0.028 J	0.12 J	0.037 J	0.087 J	0.073 J	0.077 J	0.025 J	0.02 J	0.078 J	0.024 J
Zinc, Total	7440-66-6	mg/kg	9.9	8.8	114	19	18	89	22	12	108	51	61	34	139	9.2	10	49	11
Chromium(VI)	18540-29-9	mg/kg	2 U	3	26	1.8 J	2 U	2.1 U	2 U	2 U	2 U	2 U	12 U	22 U	2 U	2 U	2 U	2 U	0.51 J
Miscellaneous Parameters:																			
Cyanide, Free	57-12-5	mg/kg	NA	NA	NA	NA	NA	0.5 U	0.5 U	0.5 U	NA	NA	0.5 U	0.5 U	NA	NA	NA	NA	NA
Cyanide, Total	57-12-5	mg/kg	0.2 U	0.2 U	1.5	0.2 U	0.2 U	0.07 J	0.02 J	0.2 U	0.32	0.16 J	0.08 J	0.02 J	0.18 J	0.2 U	0.2 U	0.74	0.2 U
Fractional Organic Carbon	FOC	%	1.1	3.3	27	1.8	1.5	NA	NA	NA	2.7	2.7	NA	NA	48	0.4	0.2	10	0.3
Percent moisture	MOIST	%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Percent Solids	SOLID	%	NA	NA	NA	NA	NA	67	85	85	NA	NA	67	73	NA	NA	NA	NA	NA
Percent Solids	Solids	%	82	73	44	82	83	NA	NA	NA	79	79	NA	NA	64	89	84	62	85
Total Organic Carbon	TOC	%	NA	NA	NA	NA	NA	3.3	0.5	0.5	NA	NA	3.8	4.4	NA	NA	NA	NA	NA

NOTES:
U = Non-detect, value is reporting limit
J = Estimated value below reporting limit
NA = Parameter not analyzed
B = Blank qualified result
--- = Parameter not analyzed

APPENDIX A
SEDIMENT RESULTS
JCI - FOWLERVILLE

		Location	SD-K3	SD-L1	SD-L1	SD-L1	SD-L2	SD-L3	SD-L3	SD-M1	SD-M1	SD-M2	SD-M2	SD-M3	SD-M3	SE/RC-1/12	SE/RC-1/3	SE/RC-10/1	SE/RC-10/2
		Field ID:	SDK3-1224-101503-01	SDL1012 052003-01	SDL1012 052003-02	SDL11224 052003-01	SDL2012 052003-01	SDL3012 052003-01	SDL31224 052003-01	SDM1012 052003-01	SDM11224 052003-01	SDM2012 052003-01	SDM21224 052003-01	SDM3012 052003-01	SDM31224 052003-01	SE/RC-1/12	SE/RC-1/3	SE/RC-10/1	SE/RC-10/2
		Date Sampled:	10/15/2003	5/20/2003	5/20/2003	5/20/2003	5/20/2003	5/20/2003	5/20/2003	5/20/2003	5/20/2003	5/20/2003	5/20/2003	5/20/2003	5/20/2003	4/1/1991	4/1/1991	1/1/1994	1/1/1994
		Depth (ft):	12 - 0	0 - 12	0 - 12	12 - 24	0 - 12	0 - 12	12 - 24	0 - 12	12 - 24	0 - 12	12 - 24	0 - 12	12 - 24	6 - 12	0 - 3	0 - 3	6 - 12
Volatile Organic Compounds																			
1,1,1,2-Tetrachloroethane	630-20-6	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
1,1,1-Trichloroethane	71-55-6	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	2.9 J	NA	NA	NA
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
1,1,2-Trichloroethane	79-00-5	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
1,1-Dichloroethane	75-34-3	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	2.6 J	NA	12	6.3
1,1-Dichloroethene	75-35-4	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
1,1-Dichloropropylene	563-58-6	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
1,2,3-Trichlorobenzene	87-61-6	ug/kg	270 U	410 U	400 U	340 U	290 U	290 U	300 U	300 U	300 U	350 U	300 U	410 U	360 U	NA	NA	NA	NA
1,2,3-Trichloropropane	96-18-4	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
1,2,4-Trichlorobenzene	120-82-1	ug/kg	NA	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
1,2,4-Trimethylbenzene	95-63-6	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	96-12-8	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
1,2-Dichlorobenzene	95-50-1	ug/kg	330 U, 55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
1,2-Dichloroethane	107-06-2	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
1,2-Dichloroethene	540-59-0	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	52	NA	5.8 U	110
1,2-Dichloropropane	**78-87-5**	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
1,3,5-Trimethylbenzene	**108-67-8**	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	ug/kg	330 U, 55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
1,3-Dichloropropane	142-28-9	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	ug/kg	NA	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
2,2-Dichloropropane	594-20-7	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
2-Chlorotoluene	95-49-8	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
2-Hexanone	591-78-6	ug/kg	550 U	820 U	810 U	680 U	580 U	570 U	600 U	600 U	600 U	710 U	600 U	820 U	730 U	NA	NA	NA	NA
4-Chlorotoluene	106-43-4	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
4-Isopropyltoluene	99-87-6	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
4-Methyl-2-pentanone	108-10-1	ug/kg	550 U	820 U	810 U	680 U	580 U	570 U	600 U	600 U	600 U	710 U	600 U	820 U	730 U	NA	NA	NA	NA
Acetone	67-64-1	ug/kg	550 U	820 U	810 U	680 U	580 U	570 U	600 U	600 U	600 U	710 U	600 U	820 U	730 U	NA	NA	NA	NA
Acrolein	107-02-8	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	120 U	120 U
Benzene	71-43-2	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
Bromobenzene	108-86-1	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
Bromochloromethane	74-97-5	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
Bromoform	75-25-2	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
Bromomethane	74-83-9	ug/kg	55 U	130	81 U	61 J	58 U	57 U	60 U	60 U	60 U	71 U	60 U	69 J	73 U	NA	NA	NA	NA
Carbon disulfide	75-15-0	ug/kg	550 U	820 U	810 U	680 U	580 U	570 U	600 U	600 U	600 U	710 U	600 U	820 U	730 U	NA	NA	NA	NA
Carbon tetrachloride	56-23-5	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
Chlorobenzene	108-90-7	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
Chloroethane	75-00-3	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	3.6 J	12 U
Chloroform	67-66-3	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	5.8 U	5.8 U
Chloromethane	74-87-3	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
cis-1,2-Dichloroethene	156-59-2	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
cis-1,3-Dichloropropene	10061-01-5	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
Dibromochloromethane	124-48-1	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
Dibromomethane	74-95-3	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
Dichlorobromomethane	75-27-4	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
Dichlorodifluoromethane	75-71-8	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
Ethylbenzene	100-41-4	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
Ethylene dibromide	106-93-4	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
Hexachlorobutadiene	87-68-3	ug/kg	NA	820 U	810 U	680 U	580 U	570 U	600 U	600 U	600 U	710 U	600 U	820 U	730 U	NA	NA	NA	NA
Isopropylbenzene	98-82-8	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
Methyl ethyl ketone	78-93-3	ug/kg	340 J	820 U	810 U	680 U	580 U	570 U	600 U	600 U	600 U	710 U	600 U	820 U	730 U	NA	NA	NA	NA
Methyl tert butyl ether	1634-04-4	ug/kg	550 U	820 U	810 U	680 U	580 U	570 U	600 U	600 U	600 U	710 U	600 U	820 U	730 U	NA	NA	NA	NA
Methylene chloride	75-09-2	ug/kg	16 J	82 U	81 U	68 U	370	390	400	510	380	530	430	580	470	NA	4.6 BJ	5.8 U	5.8 U
n-Butylbenzene	104-51-8	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
n-Propylbenzene	103-65-1	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
Naphthalene	91-20-3	ug/kg	270 U, 330 U	210 U	200 U	170 U	140 U	140 U	150 U	150 U	150 U	180 U	150 U	200 U	180 U	NA	NA	NA	NA
o-Xylene	95-47-6	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
sec-Butylbenzene	135-98-8	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
Styrene	100-42-5	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
tert-Butylbenzene	98-06-6	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
Tetrachloroethene	127-18-4	ug/kg	22 J	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
Toluene	108-88-3	ug/kg	8.8 J	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	5.8 U	5.8 U
trans-1,2-Dichloroethylene	156-60-5	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
trans-1,3-Dichloropropene	10061-02-6	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA

APPENDIX A
SEDIMENT RESULTS
JCI - FOWLERVILLE

		Location	SD-K3	SD-L1	SD-L1	SD-L1	SD-L2	SD-L3	SD-L3	SD-M1	SD-M1	SD-M2	SD-M2	SD-M3	SD-M3	SE/RC-1/12	SE/RC-1/3	SE/RC-10/1	SE/RC-10/2
		Field ID:	SDK3-1224-101503-01	SDL1012 052003-01	SDL1012 052003-02	SDL11224 052003-01	SDL2012 052003-01	SDL3012 052003-01	SDL31224 052003-01	SDM1012 052003-01	SDM11224 052003-01	SDM2012 052003-01	SDM21224 052003-01	SDM3012 052003-01	SDM31224 052003-01	SE/RC-1/12	SE/RC-1/3	SE/RC-10/1	SE/RC-10/2
		Date Sampled:	10/15/2003	5/20/2003	5/20/2003	5/20/2003	5/20/2003	5/20/2003	5/20/2003	5/20/2003	5/20/2003	5/20/2003	5/20/2003	5/20/2003	5/20/2003	4/1/1991	4/1/1991	1/1/1994	1/1/1994
		Depth (ft):	12 - 0	0 - 12	0 - 12	12 - 24	0 - 12	0 - 12	12 - 24	0 - 12	12 - 24	0 - 12	12 - 24	0 - 12	12 - 24	6 - 12	0 - 3	0 - 3	6 - 12
Trichloroethene	79-01-6	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	75	11 J	5.8 U	5.8 U
Trichlorofluoromethane	75-69-4	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	NA	NA
Vinyl chloride	75-01-4	ug/kg	55 U	82 U	81 U	68 U	58 U	57 U	60 U	60 U	60 U	71 U	60 U	82 U	73 U	NA	NA	12 U	13
Xylene, Meta + Para	Not Applicable	ug/kg	110 U	160 U	160 U	140 U	120 U	110 U	120 U	120 U	120 U	140 U	120 U	160 U	150 U	NA	NA	NA	NA
Volatile Organic Compounds																			
1,2,4-Trichlorobenzene	120-82-1	ug/kg	330 U, 55 U	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	NA	NA	NA	NA
1,2-Benzphenanthracene	218-01-9	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	95-50-1	ug/kg	NA	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	NA	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	ug/kg	NA	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	NA	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	ug/kg	330 U, 55 U	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	NA	NA	NA	NA
2,4,5-Trichlorophenol	95-95-4	ug/kg	330 U	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	NA	NA	NA	NA
2,4,6-Trichlorophenol	88-06-2	ug/kg	330 U	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	NA	NA	NA	NA
2,4-Dichlorophenol	120-83-2	ug/kg	330 U	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	NA	NA	NA	NA
2,4-Dimethylphenol	105-67-9	ug/kg	330 U	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	NA	NA	NA	NA
2,4-Dinitrophenol	51-28-5	ug/kg	1700 U	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	NA	NA	NA	NA
2,4-Dinitrotoluene	121-14-2	ug/kg	330 U	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	NA	NA	NA	NA
2,6-Dinitrotoluene	**606-20-2**	**ug/kg**	330 U	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	NA	NA	NA	NA
2-Chloronaphthalene	**91-58-7**	**ug/kg**	330 U	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	NA	NA	NA	NA
2-Chlorophenol	95-57-8	ug/kg	330 U	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	NA	NA	NA	NA
2-Methylnaphthalene	91-57-6	ug/kg	330 U	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	NA	NA	NA	NA
2-Methylphenol	95-48-7	ug/kg	330 U	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	NA	NA	NA	NA
2-Nitroaniline	88-74-4	ug/kg	1700 U	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	NA	NA	NA	NA
2-Nitrophenol	88-75-5	ug/kg	330 U	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	NA	NA	NA	NA
3,3-Dichlorobenzidine	91-94-1	ug/kg	2000 U	2000 UJ	2000 UJ	2000 UJ	2000 UJ	2000 UJ	2000 UJ	2000 UJ	2000 UJ	2000 UJ	2000 UJ	2000 UJ	2000 UJ	NA	NA	NA	NA
3,4-Methylphenol	108-39-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	99-09-2	ug/kg	1700 U	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	1700 U	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	NA	NA	NA	NA
4-Bromophenyl-phenylether	101-55-3	ug/kg	330 U	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	NA	NA	NA	NA
4-Chloroaniline	106-47-8	ug/kg	1700 U	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	NA	NA	NA	NA
4-Chlorophenyl-phenylether	7005-72-3	ug/kg	330 U	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	NA	NA	NA	NA
4-Methylphenol	106-44-5	ug/kg	330 U	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	NA	NA	NA	NA
4-Nitroaniline	100-01-6	ug/kg	1700 U	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	NA	NA	NA	NA
4-Nitrophenol	100-02-7	ug/kg	1700 U	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	1700 UJ	NA	NA	NA	NA
Acenaphthene	83-32-9	ug/kg	330 U	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	NA	NA	NA	NA
Acenaphthylene	208-96-8	ug/kg	330 U	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	NA	NA	NA	NA
Anthracene	120-12-7	ug/kg	330 U	93 J	39 J	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	NA	NA	380 U	380 U
Benz(a)anthracene	56-55-3	ug/kg	330 U	370 J	190 J	330 UJ	91 J	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	NA	NA	380 U	380 U
Benzidine	92-87-5	ug/kg	5000 U	5000 UJ	5000 UJ	5000 UJ	5000 UJ	5000 UJ	5000 UJ	5000 UJ	5000 UJ	5000 UJ	5000 UJ	5000 UJ	5000 UJ	NA	NA	NA	NA
Benzo(a)pyrene	50-32-8	ug/kg	330 U	300 J	170 J	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	42 J	330 UJ	55 J	330 UJ	NA	NA	380 U	380 U
Benzo(b)fluoranthene	205-99-2	ug/kg	330 U	420 J	240 J	330 UJ	110 J	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	80 J	330 UJ	390 J	600 J	380 U	380 U
Benzo(g,h,i)perylene	191-24-2	ug/kg	330 U	200 J	74 J	330 UJ	49 J	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	NA	NA	380 U	380 U
Benzo(k)fluoranthene	207-08-9	ug/kg	330 U	190 J	110 J	330 UJ	69 J	330 UJ	330 UJ	330 UJ	330 UJ	36 J	330 UJ	62 J	330 UJ	NA	NA	380 U	380 U
Benzoic acid	65-85-0	ug/kg	3300 U	3300 UJ	3300 UJ	3300 UJ	3300 UJ	3300 UJ	3300 UJ	3300 UJ	3300 UJ	3300 UJ	3300 UJ	3300 UJ	3300 UJ	NA	NA	NA	NA
Benzyl alcohol	100-51-6	ug/kg	1300 U	1300 UJ	1300 UJ	1300 UJ	1300 UJ	1300 UJ	1300 UJ	1300 UJ	1300 UJ	1300 UJ	1300 UJ	1300 UJ	1300 UJ	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	111-91-1	ug/kg	330 U	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	NA	NA	NA	NA
bis(2-Chloroethyl)ether	111-44-4	ug/kg	100 U	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	100 UJ	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether	108-60-1	ug/kg	330 U	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	117-81-7	ug/kg	16 J	330 UJ	82 J	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	230 J	700 J	380 U	380 U
Butyl benzyl phthalate	85-68-7	ug/kg	330 U	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	NA	NA	NA	NA
Carbazole	86-74-8	ug/kg	330 U	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	NA	NA	NA	NA
Chrysene	218-01-9	ug/kg	330 U	350 J	180 J	330 UJ	110 J	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	57 J	330 UJ	220 J	480 J	380 U	380 U
Di-N-Butyl phthalate	84-74-2	ug/kg	35 J	160 J	330 UJ	330 UJ	140 J	340 J	18 J	440 J	370 J	380 J	420 J	260 J	310 J	NA	NA	380 U	380 U
Di-N-Octyl phthalate	117-84-0	ug/kg	330 U	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	NA	NA	NA	NA
Dibenz(a,h)anthracene	53-70-3	ug/kg	330 U	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	NA	NA	NA	NA
Dibenzofuran	132-64-9	ug/kg	330 U	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	NA	NA	NA	NA
Diethylphthalate	84-66-2	ug/kg	11 J	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	NA	NA	380 U	380 U
Dimethyl phthalate	131-11-3	ug/kg	3300 U	3300 UJ	3300 UJ	3300 UJ	3300 UJ	3300 UJ	3300 UJ	3300 UJ	3300 UJ	3300 UJ	3300 UJ	3300 UJ	3300 UJ	NA	NA	380 U	380 U
Fluoranthene	206-44-0	ug/kg	330 U	1000 J	490 J	330 UJ	250 J	330 UJ	330 UJ	330 UJ	330 UJ	85 J	330 UJ	130 J	330 UJ	340 J	NA	380 U	380 U
Fluorene	86-73-7	ug/kg	330 U	57 J	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	NA	NA	380 U	380 U
Hexachlorobenzene	118-74-1	ug/kg	330 U	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	NA	NA	NA	NA
Hexachlorobutadiene	87-68-3	ug/kg	270 U, 330 U	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	NA	NA	NA	NA
Hexachlorocyclopentadiene	77-47-4	ug/kg	330 U	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	NA	NA	NA	NA
Hexachloroethane	67-72-1	ug/kg	330 U	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	193-39-5	ug/kg	330 U	160 J	75 J	330 UJ	41 J	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	NA	NA	380 U	380 U

APPENDIX A
SEDIMENT RESULTS
JCI - FOWLERVILLE

		Location	SD-K3	SD-L1	SD-L1	SD-L1	SD-L2	SD-L3	SD-L3	SD-M1	SD-M1	SD-M2	SD-M2	SD-M3	SD-M3	SE/RC-1/12	SE/RC-1/3	SE/RC-10/1	SE/RC-10/2
		Field ID:	SDK3-1224-101503-01	SDL1012 052003-01	SDL1012 052003-02	SDL11224 052003-01	SDL2012 052003-01	SDL3012 052003-01	SDL31224 052003-01	SDM1012 052003-01	SDM11224 052003-01	SDM2012 052003-01	SDM21224 052003-01	SDM3012 052003-01	SDM31224 052003-01	SE/RC-1/12	SE/RC-1/3	SE/RC-10/1	SE/RC-10/2
		Date Sampled:	10/15/2003	5/20/2003	5/20/2003	5/20/2003	5/20/2003	5/20/2003	5/20/2003	5/20/2003	5/20/2003	5/20/2003	5/20/2003	5/20/2003	5/20/2003	4/1/1991	4/1/1991	1/1/1994	1/1/1994
		Depth (ft):	12 - 0	0 - 12	0 - 12	12 - 24	0 - 12	0 - 12	12 - 24	0 - 12	12 - 24	0 - 12	12 - 24	0 - 12	12 - 24	6 - 12	0 - 3	0 - 3	6 - 12
Isophorone	78-59-1	ug/kg	330 U	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	NA	NA	380 U	380 U
N-Nitroso-di-N-propylamine	621-64-7	ug/kg	330 U	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	NA	NA	NA	NA
N-Nitrosodiphenylamine	86-30-6	ug/kg	330 U	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	NA	NA	NA	NA
Naphthalene	91-20-3	ug/kg	NA	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	NA	NA	NA	NA
Nitrobenzene	98-95-3	ug/kg	200 U	200 UJ	200 UJ	200 UJ	200 UJ	200 UJ	200 UJ	200 UJ	200 UJ	200 UJ	200 UJ	200 UJ	200 UJ	NA	NA	NA	NA
p-Chloro-m-cresol	59-50-7	ug/kg	330 U	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	NA	NA	NA	NA
Pentachlorophenol	87-86-5	ug/kg	800 U	800 UJ	800 UJ	800 UJ	800 UJ	800 UJ	800 UJ	800 UJ	800 UJ	800 UJ	800 UJ	800 UJ	800 UJ	NA	NA	NA	NA
Phenanthrene	85-01-8	ug/kg	330 U	580 J	240 J	330 UJ	90 J	330 UJ	330 UJ	330 UJ	330 UJ	30 J	330 UJ	47 J	330 UJ	260 J	NA	380 U	380 U
Phenol	108-95-2	ug/kg	330 U	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	NA	NA	NA	NA
PNAs, Total	TPNA	ug/kg	NA	4450	2168	NA	1010	NA	NA	NA	NA	253	NA	530	NA	1500	1080	NA	NA
Pyrene	129-00-0	ug/kg	330 U	730 J	360 J	330 UJ	200 J	330 UJ	330 UJ	330 UJ	330 UJ	60 J	330 UJ	99 J	330 UJ	290 J	NA	380 U	380 U
Polychlorinated Biphenyls (PCBs):																			
PCB-1248	12672-29-6	ug/kg	330 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	210	80 J	38 U	38 U
PCB-1254	11097-69-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	240	NA	NA	NA
PCB-1260	11096-82-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	38 U	38 U
PCB, Total	TPCB	ug/kg	NA	38 J	33 J	NA	52 J	NA	NA	NA	NA	66 J	NA	NA	NA	450	80 J	NA	NA
PCB-1016	12674-11-2	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	NA	NA	NA	NA
PCB-1221	11104-28-2	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	NA	NA	NA	NA
PCB-1232	11141-16-5	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	NA	NA	NA	NA
PCB-1242	53469-21-9	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	NA	NA	NA	NA
PCB-1248	12672-29-6	ug/kg	NA	38 J	33 J	330 U	52 J	330 U	330 U	330 U	330 U	66 J	330 U	330 U	330 U	NA	NA	NA	NA
PCB-1254	11097-69-1	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	NA	NA	NA	NA
PCB-1260	11096-82-5	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	NA	NA	NA	NA
Total Metals:																			
Aluminum, Total	7429-90-5	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic, Total	7440-38-2	mg/kg	1.5	6.3	7	4.2	7.4	2.3	0.84	44	2.6	7.3	8.1	7.1	11	11.6	38	18.5	6.9
Barium, Total	7440-39-3	mg/kg	6.3	50	45	13	29	7.8	5.3	31	6.8	30	13	18	17	117	209	8.7	8.3
Cadmium, Total	7440-43-9	mg/kg	0.042 J	0.43	0.4	0.21	0.49	0.22	0.18	0.5	0.22	0.21	0.27	0.3	0.3	1.9	2.5	1.1	0.58 U
Chromium, Total	7440-47-3	mg/kg	3.9	13	9.7	5.1	20	4.6	4.3	17	4.2	15	13	8.8	5.3	55.7	1420	5.3	3.3
Copper, Total	7440-50-8	mg/kg	3.7	11	8.7	4.3	13	3.8	3.3	12	5.4	9.7	8	6.7	4.9	76.3	769	21.8	27.6
Lead, Total	7439-92-1	mg/kg	2.4	7.6	97	3.7	7.9	2.2	1.5	5.9	5.6	5	2.7	4.9	2.9	46.8	64.6	5.1	4.7
Mercury, Total	7439-97-6	mg/kg	0.1 U	0.1	0.072 J	0.1 U	0.26	0.1 U	0.1 U	0.016 J	0.1 U	0.1 U	0.01 J	0.1 U	0.1 U	NA	NA	0.12 U	0.12 U
Nickel, Total	7440-02-0	mg/kg	4.8	6.7	6.9	5.8	13	6.9	4.6	14	5.9	8.9	9.7	8.7	6	37.1	374	8	10.6
Selenium, Total	7782-49-2	mg/kg	0.11 J	0.2 J	0.26 J	0.073 J	0.26	0.073 J	0.052 J	0.23 J	0.13 J	0.2 J	0.16 J	0.34	0.15 J	0.86 J	NA	0.38 J	0.25 J
Silver, Total	7440-22-4	mg/kg	0.031 J	0.043 J	0.033 J	0.027 J	0.066 J	0.023 J	0.59 U	0.06 J	0.021 J	0.66 U	0.02 J	0.029 J	0.039 J	NA	1.1 J	1.2 U	0.37 J
Zinc, Total	7440-66-6	mg/kg	11	43	34	17	44	13	9.5	37	14	33	22	27	17	345	1590	220	28.1
Chromium(VI)	18540-29-9	mg/kg	2 U	2.6 U	3 U	2 U	2 U	2.1 U	2 U	2.1 U	2 U	2 U	2.4 U	1.3 J	2.1 U	NA	NA	NA	NA
Miscellaneous Parameters:																			
Cyanide, Free	57-12-5	mg/kg	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	0.5 U	0.5 U	NA	NA	NA	NA
Cyanide, Total	57-12-5	mg/kg	0.2 U	0.02 U	0.013 J	0.2 U	0.04 J	0.2 U	0.2 U	0.2 U	0.2 U	0.02 J	0.2 U	0.012 J	0.2 U	4.5	4.5	0.58 U	2.8
Fractional Organic Carbon	FOC	%	0.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Percent moisture	MOIST	%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Percent Solids	SOLID	%	NA	67	64	81	83	88	86	85	88	76	82	68	74	NA	NA	NA	NA
Percent Solids	Solids	%	85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	TOC	%	NA	6.2	5.7	1	1.3	0.3	7.2	1	0.3	2.3	1.6	2.9	2.5	NA	NA	NA	NA

NOTES:
U = Non-detect, value is reporting limit
J = Estimated value below reporting limit
NA = Parameter not analyzed
B = Blank qualified result
--- = Parameter not analyzed

APPENDIX A
SEDIMENT RESULTS
JCI - FOWLERVILLE

		Location	SE/RC-2/12	SE/RC-2/3	SE/RC-3/12	SE/RC-3/12	SE/RC-3/3	SE/RC-4/12	SE/RC-4/3	SE/RC-5/12	SE/RC-5/3	SE/RC-6/1	SE/RC-6/2	SE/RC-7/1	SE/RC-7/2	SE/RC-8/1	SE/RC-8/2	SE/RC-9/1	SE/RC-9/2
		Field ID:	SE/RC-2/12	SE/RC-2/3	SE/RC-3/12	SE/RC-6/12	SE/RC-3/3	SE/RC-4/12	SE/RC-4/3	SE/RC-5/12	SE/RC-5/3	SE/RC-6/1	SE-RC-6/2	SE/RC-7/1	SE/RC-7/2	SE/RC-8/1	SE/RC-8/2	SE/RC-9/1	SE/RC-9/2
		Date Sampled:	4/1/1991	4/1/1991	4/1/1991	4/1/1991	4/1/1991	4/1/1991	4/1/1991	4/1/1991	4/1/1991	1/1/1994	1/1/1994	1/1/1994	1/1/1994	1/1/1994	1/1/1994	1/1/1994	1/1/1994
		Depth (ft):	6 - 12	0 - 3	6 - 12	6 - 12	0 - 3	6 - 12	0 - 3	6 - 12	0 - 3	6 - 12	6 - 12	0 - 3	6 - 12	0 - 3	6 - 12	0 - 3	6 - 12
Volatile Organic Compounds																			
1,1,1,2-Tetrachloroethane	630-20-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	71-55-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	79-00-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	75-34-3	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.6 U	7.2 U	7.7 U	8.4 U	17 U	6.7 U	7.4 U	7.4 U
1,1-Dichloroethene	75-35-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloropropylene	563-58-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	87-61-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	96-18-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	120-82-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	95-63-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	96-12-8	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	95-50-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	107-06-2	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethene	540-59-0	ug/kg	30	NA	NA	NA	NA	NA	NA	NA	NA	9.6 U	7.2 U	7.7 U	8.4 U	17 U	6.7 U	7.4 U	7.4 U
1,2-Dichloropropane	78-87-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	108-67-8	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichloropropane	142-28-9	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	594-20-7	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	95-49-8	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	591-78-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	106-43-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	99-87-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	108-10-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	67-64-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrolein	107-02-8	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	190 U	140 U	150 U	170 U	350 U	130 U	150 U	150 U
Benzene	71-43-2	ug/kg	27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromobenzene	108-86-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	74-97-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	75-25-2	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	74-83-9	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	75-15-0	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	56-23-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	108-90-7	ug/kg	NA	NA	NA	NA	14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	75-00-3	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	19 U	14 U	15 U	17 U	35 U	13 U	15 U	15 U
Chloroform	67-66-3	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.6 U	7.2 U	7.7 U	2.3 J	17 U	6.7 U	7.4 U	7.4 U
Chloromethane	74-87-3	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	156-59-2	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	10061-01-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	124-48-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromomethane	74-95-3	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobromomethane	75-27-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	75-71-8	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	100-41-4	ug/kg	30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylene dibromide	106-93-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	87-68-3	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	98-82-8	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone	78-93-3	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert butyl ether	1634-04-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	75-09-2	ug/kg	2.9 BJ	830 BJ	12 BJ	15 BJ	3.6 BJ	10	4 J	6.4 BJ	16 BJ	9.6 U	7.2 U	7.7 U	2.4 J	17 U	1.6 J	7.4 U	3.1 J
n-Butylbenzene	104-51-8	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	103-65-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	91-20-3	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	95-47-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	135-98-8	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	100-42-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	98-06-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	127-18-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	108-88-3	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.6 U	7.2 U	7.7 U	2 J	17 U	6.7 U	7.4 U	17
trans-1,2-Dichloroethylene	156-60-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	10061-02-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

APPENDIX A
SEDIMENT RESULTS
JCI - FOWLERVILLE

		Location	SE/RC-2/12	SE/RC-2/3	SE/RC-3/12	SE/RC-3/12	SE/RC-3/3	SE/RC-4/12	SE/RC-4/3	SE/RC-5/12	SE/RC-5/3	SE/RC-6/1	SE/RC-6/2	SE/RC-7/1	SE/RC-7/2	SE/RC-8/1	SE/RC-8/2	SE/RC-9/1	SE/RC-9/2
		Field ID:	SE/RC-2/12	SE/RC-2/3	SE/RC-3/12	SE/RC-6/12	SE/RC-3/3	SE/RC-4/12	SE/RC-4/3	SE/RC-5/12	SE/RC-5/3	SE/RC-6/1	SE-RC-6/2	SE/RC-7/1	SE/RC-7/2	SE/RC-8/1	SE/RC-8/2	SE/RC-9/1	SE/RC-9/2
		Date Sampled:	4/1/1991	4/1/1991	4/1/1991	4/1/1991	4/1/1991	4/1/1991	4/1/1991	4/1/1991	4/1/1991	1/1/1994	1/1/1994	1/1/1994	1/1/1994	1/1/1994	1/1/1994	1/1/1994	1/1/1994
		Depth (ft):	6 - 12	0 - 3	6 - 12	6 - 12	0 - 3	6 - 12	0 - 3	6 - 12	0 - 3	6 - 12	6 - 12	0 - 3	6 - 12	0 - 3	6 - 12	0 - 3	6 - 12
Trichloroethene	79-01-6	ug/kg	4.1 J	NA	NA	NA	NA	NA	NA	NA	NA	9.6 U	7.2 U	7.7 U	8.4 U	17 U	6.7 U	7.4 U	7.4 U
Trichlorofluoromethane	75-69-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	75-01-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	19 U	14 U	15 U	17 U	35 U	13 U	15 U	15 U
Xylene, Meta + Para	Not Applicable	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organic Compounds																			
1,2,4-Trichlorobenzene	120-82-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Benzphenanthracene	218-01-9	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	95-50-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	95-95-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	88-06-2	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol	120-83-2	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	105-67-9	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol	51-28-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	121-14-2	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	606-20-2	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene	91-58-7	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol	95-57-8	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	91-57-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	95-48-7	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	88-74-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol	88-75-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	91-94-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,4-Methylphenol	108-39-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	99-09-2	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl-phenylether	101-55-3	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline	106-47-8	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	7005-72-3	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	106-44-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	100-01-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol	100-02-7	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	83-32-9	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	208-96-8	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	120-12-7	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	630 U	480 U	130 J	2200 U	1200 U	440 U	490 U	980 U
Benz(a)anthracene	56-55-3	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	130 J	630 U	480 U	420 J	510 J	290 J	440 U	490 U	980 U
Benzidine	92-87-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	50-32-8	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	110 J	75	380 J	570 J	360 J	100 J	51 J	980 U
Benzo(b)fluoranthene	205-99-2	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	100 J	480 U	690	850 J	590 J	210 J	110 J	130 J
Benzo(g,h,i)perylene	191-24-2	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	630 U	480 U	250 J	390 J	230 J	80 J	490 U	980 U
Benzo(k)fluoranthene	207-08-9	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	630 U	480 U	510 U	2200 U	1200 U	440 U	490 U	980 U
Benzoic acid	65-85-0	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl alcohol	100-51-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	111-91-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	111-44-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether	108-60-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	117-81-7	ug/kg	2000	2000 J	4000 J	5200	2000 J	2000	2000	NA	1000	630 U	480 U	1100	5800	410 J	93 J	760	4900
Butyl benzyl phthalate	85-68-7	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	86-74-8	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	218-01-9	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	230 J	65 J	480 U	510	740 J	550 J	150 J	93 J	110 J
Di-N-Butyl phthalate	84-74-2	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	630 U	480 U	510 U	1100 J	1200 U	260 J	490 U	500 J
Di-N-Octyl phthalate	117-84-0	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	53-70-3	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	132-64-9	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethylphthalate	84-66-2	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	630 U	480 U	510 U	1200 J	1200 U	440 U	490 U	980 U
Dimethyl phthalate	131-11-3	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	630 U	480 U	510 U	2200 U	1200 U	440 U	490 U	980 U
Fluoranthene	206-44-0	ug/kg	NA	NA	680 J	610 J	NA	NA	NA	NA	470 J	130 J	480 U	950	1500 J	880 J	440 U	180 J	190 J
Fluorene	86-73-7	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	630 U	480 U	67 J	2200 U	1200 U	440 U	490 U	980 U
Hexachlorobenzene	118-74-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	87-68-3	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	77-47-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	67-72-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	193-39-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	630 U	480 U	210 J	370 J	220 J	53 J	490 U	980 U

APPENDIX A
SEDIMENT RESULTS
JCI - FOWLERVILLE

		Location	SE/RC-2/12	SE/RC-2/3	SE/RC-3/12	SE/RC-3/12	SE/RC-3/3	SE/RC-4/12	SE/RC-4/3	SE/RC-5/12	SE/RC-5/3	SE/RC-6/1	SE/RC-6/2	SE/RC-7/1	SE/RC-7/2	SE/RC-8/1	SE/RC-8/2	SE/RC-9/1	SE/RC-9/2
		Field ID:	SE/RC-2/12	SE/RC-2/3	SE/RC-3/12	SE/RC-6/12	SE/RC-3/3	SE/RC-4/12	SE/RC-4/3	SE/RC-5/12	SE/RC-5/3	SE/RC-6/1	SE-RC-6/2	SE/RC-7/1	SE/RC-7/2	SE/RC-8/1	SE/RC-8/2	SE/RC-9/1	SE/RC-9/2
		Date Sampled:	4/1/1991	4/1/1991	4/1/1991	4/1/1991	4/1/1991	4/1/1991	4/1/1991	4/1/1991	4/1/1991	1/1/1994	1/1/1994	1/1/1994	1/1/1994	1/1/1994	1/1/1994	1/1/1994	1/1/1994
		Depth (ft):	6 - 12	0 - 3	6 - 12	6 - 12	0 - 3	6 - 12	0 - 3	6 - 12	0 - 3	6 - 12	6 - 12	0 - 3	6 - 12	0 - 3	6 - 12	0 - 3	6 - 12
Isophorone	78-59-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	630 U	480 U	510 U	2200 U	1200 U	440 U	51 J	980 U
N-Nitroso-di-N-propylamine	621-64-7	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	86-30-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	91-20-3	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	98-95-3	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Chloro-m-cresol	59-50-7	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	87-86-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	85-01-8	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	230 J	68 J	480 U	640	840 J	290 J	190 J	73 J	980 U
Phenol	108-95-2	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PNAs, Total	TPNA	ug/kg	NA	NA	1430	1240	NA	NA	NA	NA	1520	603	75	5247	6870	4080	1063	677	630
Pyrene	129-00-0	ug/kg	NA	NA	750 J	630 J	NA	NA	NA	NA	460 J	130 J	480 U	1000	1100 J	670 J	280 J	170 J	200 J
Polychlorinated Biphenyls (PCBs):																			
PCB-1248	12672-29-6	ug/kg	27 J	800	4900 J	11000	NA	78	230	89	6500	63 U	48 U	200	590	130	87	230	410
PCB-1254	11097-69-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1260	11096-82-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	63 U	48 U	58	220 U	120 U	44 U	110	290
PCB, Total	TPCB	ug/kg	27 J	800	4900 J	11000	NA	78	230	89	6500	NA	NA	258	590	130	87	440	700
PCB-1016	12674-11-2	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1221	11104-28-2	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1232	11141-16-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1242	53469-21-9	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1248	12672-29-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1254	11097-69-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1260	11096-82-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Metals:																			
Aluminum, Total	7429-90-5	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic, Total	7440-38-2	mg/kg	4.6	19.7	4.2	5.2	7.4	11.7	9	5.2	11.3	9.2	9.2	6.1	11.1	19.5	7.8	5.6	3.8
Barium, Total	7440-39-3	mg/kg	23.2	79.5	256	184	112	30.2	50.6	26.4	75.3	55.9	39	47.1	96.4	187	20.7	35.7	34.1
Cadmium, Total	7440-43-9	mg/kg	NA	1.3	NA	0.77	1.4	NA	NA	NA	0.77 J	0.96 U	0.72 U	0.77 U	0.84 U	1.9	0.67 U	0.74 U	0.74 U
Chromium, Total	7440-47-3	mg/kg	11	240	252	448	74.8	17.7	28.6	14.9	451	19.2	7.2	200	690	55.1	10.1	170	558
Copper, Total	7440-50-8	mg/kg	12.2	227	421	713	114	NA	NA	12.7	302	13.4	8.1	175	622	69.2	10.4	108	293
Lead, Total	7439-92-1	mg/kg	7	27.2	8.8	18.2	10.9	2.3	9.7	4.4	32.6	6.1	2.7	18.5	77.3	33.8	8.3	8.6	9.5
Mercury, Total	7439-97-6	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.19 U	0.14 U	0.15 U	0.19	0.35 U	0.13 U	0.15 U	0.16
Nickel, Total	7440-02-0	mg/kg	13.2	133	349	432	77.9	9.4	15.6	7.4	87.9	4.6 J	4.4 J	62.2	267	24.5	7.1	67.1	117
Selenium, Total	7782-49-2	mg/kg	NA	NA	0.51 J	NA	NA	NA	NA	NA	NA	0.42 J	0.72 U	0.77 U	0.47 J	0.87 J	1.3 U	0.74 U	0.74 U
Silver, Total	7440-22-4	mg/kg	0.35 J	0.8 J	0.53 J	0.49 J	0.61 J	1.2 J	NA	NA	1.3 J	1.1 J	0.96 J	0.74 J	0.91 J	2.2 J	0.5 J	0.77 J	0.56 J
Zinc, Total	7440-66-6	mg/kg	26.4	232	921	2120	658	30.2	60.9	32.9	425	80	23.4	163	466	160	27.7	152	463
Chromium(VI)	18540-29-9	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous Parameters:																			
Cyanide, Free	57-12-5	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide, Total	57-12-5	mg/kg	NA	1.2	11.8	17.1	NA	NA	NA	NA	1.7	0.96 U	0.84	2	8.4	1.7 U	0.67 U	0.74 U	1.5
Fractional Organic Carbon	FOC	%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Percent moisture	MOIST	%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Percent Solids	SOLID	%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Percent Solids	Solids	%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	TOC	%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NOTES:
U = Non-detect, value is reporting limit
J = Estimated value below reporting limit
NA = Parameter not analyzed
B = Blank qualified result
--- = Parameter not analyzed

APPENDIX A
SEDIMENT RESULTS
JCI - FOWLERVILLE

		Location	SE/RC-11/1	SE/RC-11/2	SE/RC-12/1	SE/RC-12/2	SE/RC-13/1	SE/RC-13/2	SE/RC-13/2	SE/RC-100/1	SE/RC-101/1	SE/RC-102/1	SE/RC-103/1	SE/RC-14/1	SE/RC-15/1	SE/RC-15/2	SE/RC-16/1	SE/RC-17/1	SE/RC-17/2
		Field ID:	SE/RC-11/1	SE/RC-11/2	SE/RC-12/1	SE/RC-12/2	SE/RC-13/1	SE/RC-13/2	SE/RC-13/2 Dup	SE/RC-100/1	SE/RC-101/1	SE/RC-102/1	SE/RC-103/1	SRC-14/136787	SRC-15/136787	SRC-15/236787	SRC-16/136787	SRC-17/136787	SRC-17/236787
		Date Sampled:	1/1/1994	1/1/1994	1/1/1994	1/1/1994	1/1/1994	1/1/1994	1/1/1994	9/1/2000	9/1/2000	9/1/2000	9/1/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000
		Depth (ft):	0 - 3	6 - 12	0 - 3	6 - 12	0 - 3	6 - 12	6 - 12	0 - 3	0 - 3	0 - 3	0 - 3	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0
Volatile Organic Compounds																			
1,1,1,2-Tetrachloroethane	630-20-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	71-55-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	79-00-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	75-34-3	ug/kg	5.8 J	5.6 U	16 U	6.7 U	8.4 U	9.6 U	8.3 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	75-35-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloropropylene	563-58-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	87-61-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	96-18-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	120-82-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	95-63-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	96-12-8	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	95-50-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	107-06-2	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethene	540-59-0	ug/kg	81	30	16 U	6.7 U	8.4 U	9.6 U	8.3 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	78-87-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	108-67-8	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichloropropane	142-28-9	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	594-20-7	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	95-49-8	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	591-78-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	106-43-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	99-87-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	108-10-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	67-64-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrolein	107-02-8	ug/kg	200 U	5.2 J	330 U	130 U	170 U	190 U	170 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	71-43-2	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromobenzene	108-86-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	74-97-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	75-25-2	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	74-83-9	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	75-15-0	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	56-23-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	108-90-7	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	75-00-3	ug/kg	20 U	11 U	33 U	13 U	17 U	19 U	17 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	67-66-3	ug/kg	10 U	5.6 U	16 U	6.7 U	8.4 U	9.6 U	8.3 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	74-87-3	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	156-59-2	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	10061-01-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	124-48-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromomethane	74-95-3	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobromomethane	75-27-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	75-71-8	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	100-41-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylene dibromide	106-93-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	87-68-3	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	98-82-8	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone	78-93-3	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert butyl ether	1634-04-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	75-09-2	ug/kg	10 U	2.1 J	16 U	6.7 U	2.9 J	9.6 U	180	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	104-51-8	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	103-65-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	91-20-3	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	95-47-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	135-98-8	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	100-42-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	98-06-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	127-18-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	108-88-3	ug/kg	3 J	5.6 U	16 U	2.5 J	8.4 U	9.6 U	8.3 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethylene	156-60-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	10061-02-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

APPENDIX A
SEDIMENT RESULTS
JCI - FOWLERVILLE

		Location	SE/RC-11/1	SE/RC-11/2	SE/RC-12/1	SE/RC-12/2	SE/RC-13/1	SE/RC-13/2	SE/RC-13/2	SE/RC-100/1	SE/RC-101/1	SE/RC-102/1	SE/RC-103/1	SE/RC-14/1	SE/RC-15/1	SE/RC-15/2	SE/RC-16/1	SE/RC-17/1	SE/RC-17/2
		Field ID:	SE/RC-11/1	SE/RC-11/2	SE/RC-12/1	SE/RC-12/2	SE/RC-13/1	SE/RC-13/2	SE/RC-13/2 Dup	SE/RC-100/1	SE/RC-101/1	SE/RC-102/1	SE/RC-103/1	SRC-14/136787	SRC-15/136787	SRC-15/236787	SRC-16/136787	SRC-17/136787	SRC-17/236787
		Date Sampled:	1/1/1994	1/1/1994	1/1/1994	1/1/1994	1/1/1994	1/1/1994	1/1/1994	9/1/2000	9/1/2000	9/1/2000	9/1/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000
		Depth (ft):	0 - 3	6 - 12	0 - 3	6 - 12	0 - 3	6 - 12	6 - 12	0 - 3	0 - 3	0 - 3	0 - 3	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0
Trichloroethene	79-01-6	ug/kg	9.4 J	11	16 U	6.7 U	8.4 U	9.6 U	8.3 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	75-69-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	75-01-4	ug/kg	20 U	11 U	33 U	13 U	17 U	19 U	17 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylene, Meta + Para	Not Applicable	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organic Compounds																			
1,2,4-Trichlorobenzene	120-82-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Benzphenanthracene	218-01-9	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	69 U	170 J	150 J	220 J	280 J	89 U
1,2-Dichlorobenzene	95-50-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	95-95-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	88-06-2	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol	120-83-2	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	105-67-9	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol	51-28-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	121-14-2	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	606-20-2	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene	91-58-7	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol	95-57-8	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	91-57-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	420 U	450 U	370 U	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	95-48-7	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	88-74-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol	88-75-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	91-94-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,4-Methylphenol	108-39-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	420 U	450 U	370 U	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	99-09-2	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl-phenylether	101-55-3	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline	106-47-8	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	7005-72-3	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	106-44-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	100-01-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol	100-02-7	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	83-32-9	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	45 U	51 U	47 U	48 U	59 U	58 U
Acenaphthylene	208-96-8	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	47 U	53 U	49 U	51 U	62 U	61 U
Anthracene	120-12-7	ug/kg	67 J	370 U	540 U	440 U	5600 U	6300 U	550 U	420 U	450 U	370 U	450 U	69 U	77 U	72 U	74 U	89 U	88 U
Benz(a)anthracene	56-55-3	ug/kg	230 J	370 U	540 U	440 U	5600 U	6300 U	550 U	80 J	450 U	370 U	120 J	55 U	140 J	120 J	190 J	190 J	71 U
Benzidine	92-87-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	50-32-8	ug/kg	260 J	370 U	220 J	67 J	5600 U	6300 U	550 U	65 J	450 U	370 U	130 J	61 U	150 J	120 J	200 J	210 J	79 U
Benzo(b)fluoranthene	205-99-2	ug/kg	260 J	370 U	540 U	87 J	5600 U	6300 U	550 U	66 J	450 U	370 U	170 J	49 U	150 J	120 J	180 J	190 J	63 U
Benzo(g,h,i)perylene	191-24-2	ug/kg	160 J	370 U	540 U	440 U	5600 U	6300 U	550 U	420 U	450 U	370 U	110 J	56 U	96 J	70 J	140 J	130 J	72 U
Benzo(k)fluoranthene	207-08-9	ug/kg	270 J	370 U	540 U	440 U	5600 U	6300 U	550 U	420 U	450 U	370 U	450 U	100 U	140 J	110 U	170 J	180 J	130 U
Benzoic acid	65-85-0	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl alcohol	100-51-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	111-91-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	111-44-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether	108-60-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	117-81-7	ug/kg	110 J	370 U	540 U	440 U	5600 U	6300 U	550 U	NA	450 U	370 U	NA	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate	85-68-7	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	86-74-8	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	218-01-9	ug/kg	350 J	370 U	540 U	71 J	5600 U	6300 U	550 U	85 J	450 U	370 U	160 J	NA	NA	NA	NA	NA	NA
Di-N-Butyl phthalate	84-74-2	ug/kg	660 U	370 U	540 U	440 U	5600 U	6300 U	550 U	NA	450 U	370 U	NA	NA	NA	NA	NA	NA	NA
Di-N-Octyl phthalate	117-84-0	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	53-70-3	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	67 U	76 U	70 U	72 U	87 U	86 U
Dibenzofuran	132-64-9	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethylphthalate	84-66-2	ug/kg	660 U	370 U	540 U	440 U	5600 U	6300 U	550 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	131-11-3	ug/kg	660 U	370 U	540 U	440 U	5600 U	6300 U	550 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	206-44-0	ug/kg	560 J	370 U	72 J	160 J	5600 U	6300 U	550 U	130 J	450 U	370 U	270 J	74 U	370 J	300 J	430 J	570	100 J
Fluorene	86-73-7	ug/kg	660 U	370 U	540 U	440 U	5600 U	6300 U	550 U	420 U	450 U	370 U	450 U	53 U	60 U	56 U	57 U	69 U	69 U
Hexachlorobenzene	118-74-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	87-68-3	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	77-47-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	67-72-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	193-39-5	ug/kg	160 J	370 U	540 U	440 U	5600 U	6300 U	550 U	420 U	450 U	370 U	83 J	69 U	91 J	72 U	120 J	110 J	88 U

APPENDIX A
SEDIMENT RESULTS
JCI - FOWLERVILLE

		Location	SE/RC-11/1	SE/RC-11/2	SE/RC-12/1	SE/RC-12/2	SE/RC-13/1	SE/RC-13/2	SE/RC-13/2	SE/RC-100/1	SE/RC-101/1	SE/RC-102/1	SE/RC-103/1	SE/RC-14/1	SE/RC-15/1	SE/RC-15/2	SE/RC-16/1	SE/RC-17/1	SE/RC-17/2
		Field ID:	SE/RC-11/1	SE/RC-11/2	SE/RC-12/1	SE/RC-12/2	SE/RC-13/1	SE/RC-13/2	SE/RC-13/2 Dup	SE/RC-100/1	SE/RC-101/1	SE/RC-102/1	SE/RC-103/1	SRC-14/136787	SRC-15/136787	SRC-15/236787	SRC-16/136787	SRC-17/136787	SRC-17/236787
		Date Sampled:	1/1/1994	1/1/1994	1/1/1994	1/1/1994	1/1/1994	1/1/1994	1/1/1994	9/1/2000	9/1/2000	9/1/2000	9/1/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000
		Depth (ft):	0 - 3	6 - 12	0 - 3	6 - 12	0 - 3	6 - 12	6 - 12	0 - 3	0 - 3	0 - 3	0 - 3	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0
Isophorone	78-59-1	ug/kg	660 U	370 U	540 U	440 U	5600 U	6300 U	550 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitroso-di-N-propylamine	621-64-7	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	86-30-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	91-20-3	ug/kg	NA	NA	NA	NA	NA	NA	NA	420 U	450 U	370 U	450 U	66 U	74 U	69 U	71 U	86 U	85 U
Nitrobenzene	98-95-3	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Chloro-m-cresol	59-50-7	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	87-86-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	85-01-8	ug/kg	240 J	370 U	540 U	120 J	5600 U	6300 U	550 U	420 U	450 U	370 U	130 J	54 U	210 J	140 J	280 J	430 J	70 U
Phenol	108-95-2	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PNAs, Total	TPNA	ug/kg	2987	NA	359	625	NA	NA	NA	546	NA	NA	1463	67	1607	1080	2180	2450	185
Pyrene	129-00-0	ug/kg	430 J	370 U	67 J	120 J	5600 U	6300 U	550 U	120 J	450 U	370 U	290 J	67 J	260 J	210 J	470	440 J	85 J
Polychlorinated Biphenyls (PCBs):																			
PCB-1248	12672-29-6	ug/kg	66 U	37 U	54 U	44 U	56 U	63 U	55 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1254	11097-69-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1260	11096-82-5	ug/kg	66 U	37 U	54 U	44 U	56 U	63 U	55 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB, Total	TPCB	ug/kg	NA	NA	NA	NA	NA	NA	NA	14 J	97	NA	NA	NA	21 J	44	33 J	310	105 J
PCB-1016	12674-11-2	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	14 U	16 U	15 U	15 U	19 U	18 U
PCB-1221	11104-28-2	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11 U	12 U	11 U	12 U	14 U	14 U
PCB-1232	11141-16-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.4 U	5 U	4.6 U	4.7 U	5.7 U	5.7 U
PCB-1242	53469-21-9	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.3 U	4.8 U	4.5 U	4.6 U	5.6 U	5.5 U
PCB-1248	12672-29-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	14 J	97	37 U	45 U	5.4 U	21 J	44	33 J	110	66
PCB-1254	11097-69-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	42 U	45 U	37 U	45 U	6 U	6.7 U	6.2 U	6.4 U	7.8 U	7.7 U
PCB-1260	11096-82-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	42 U	45 U	37 U	45 U	23 U	26 U	24 U	25 U	200	39 J
Total Metals:																			
Aluminum, Total	7429-90-5	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic, Total	7440-38-2	mg/kg	13.3	35.8	13.7	3.7	9.4	12.5	9.9	3	10.3	4.4	3.8	6.9	3.4	4.1	4.3	8.3	10.3
Barium, Total	7440-39-3	mg/kg	87.2	31.1	50.8	21	64.3	73.8	53.9	20.1	72.9	15.1	32.5	25.8	32.7	60	21.6	63.6	46.9
Cadmium, Total	7440-43-9	mg/kg	2	1.1	0.82 U	0.67 U	0.84 U	0.96 U	0.83 U	0.64 U	0.68 U	0.56 U	0.2 J	0.18 B	0.15 U	0.16 B	0.14 U	0.23 B	0.2 B
Chromium, Total	7440-47-3	mg/kg	8.2	8.3	8	5	10.5	12.3	6.5	12.5	18	6	6.3	10.8	8.2	26	18.1	404	78.5
Copper, Total	7440-50-8	mg/kg	21.7	10.4	11.9	6.2	16.4	13.9	8.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead, Total	7439-92-1	mg/kg	15.6	4.7	10.6	4.4	9.1	10	7.4	3.1	6.2	3.3	10.8	3.4	3.8	10.3	6	23.3	7.4
Mercury, Total	7439-97-6	mg/kg	0.2 U	0.11 U	0.16 U	0.13 U	0.17 U	0.19 U	0.17 U	0.011 J	0.0053 J	0.0074 J	0.021 J	0.02 B	0.019 B	0.033 B	0.026 B	0.06	0.033 B
Nickel, Total	7440-02-0	mg/kg	8	7.5	8.2	5.8	9.4	11.6	8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium, Total	7782-49-2	mg/kg	1 U	1.1 U	1.3 J	0.43 J	0.84 U	0.96 U	0.36 J	1.7 U	1.8 U	1.5 U	1.8 U	0.58 U	0.66 U	0.96 B	0.63 U	0.94 B	0.75 U
Silver, Total	7440-22-4	mg/kg	0.9 J	1.1 U	0.57 J	1.3 U	1 JB	1 JB	1.7 U	NA	NA	NA	NA	0.6 U	0.67 U	0.62 U	0.64 U	0.78 U	0.77 U
Zinc, Total	7440-66-6	mg/kg	78.5	16.2	43.3	22.5	55.1 B	59.2 B	33.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium(VI)	18540-29-9	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous Parameters:																			
Cyanide, Free	57-12-5	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide, Total	57-12-5	mg/kg	1 U	0.56 U	0.82 U	0.67 U	0.84 U	0.96 U	0.83 U	0.64 U, 2	0.14 J, 2	0.56 U	0.13 J, 0.68 U	U, 0.19 B	11.4, 4.8	U, 0.14 B	1.3, 4.5	U, 0.74 B	0.0047 U
Fractional Organic Carbon	FOC	%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Percent moisture	MOIST	%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.8	31.6	26.2	28.3	40.8	40.1
Percent Solids	SOLID	%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Percent Solids	Solids	%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	TOC	%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NOTES:
U = Non-detect, value is reporting limit
J = Estimated value below reporting limit
NA = Parameter not analyzed
B = Blank qualified result
--- = Parameter not analyzed

APPENDIX A
SEDIMENT RESULTS
JCI - FOWLERVILLE

		Location	SE/RC-18/1	SE/RC-19/1	SE/RC-19/2	SE/RC-20/1	SE/RC-21/1	SE/RC-21/2	SE/RC-22/1	SE/RC-22/2	SE/RC-22A/1	SE/RC-22A/2	SE/RC-23/1	SE/RC-23/2	SO/RC-23/1	SE/RC-24-1	SE/RC-25-1
		Field ID:	SRC-18/136787	SRC-19/136787	SRC-19/236787	SRC-20/136787	SRC-21/136787	SRC-21/236787	SRC-22/136787	SRC-22/236787	SRC-22A/136787	SRC-22A/236787	SRC-23/1 DEP36787	SRC-23/236787	SRC-23/136787	SRC-24/136787	SRC-25/136787
		Date Sampled:	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000
		Depth (ft):	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0
Volatile Organic Compounds																	
1,1,1,2-Tetrachloroethane	630-20-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	71-55-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	79-34-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	79-00-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	75-34-3	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	75-35-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloropropylene	563-58-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	87-61-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	96-18-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	120-82-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	95-63-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	96-12-8	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	95-50-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	107-06-2	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethene	540-59-0	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	78-87-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	108-67-8	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichloropropane	142-28-9	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	594-20-7	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	95-49-8	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	591-78-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	106-43-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	99-87-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	108-10-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	67-64-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrolein	107-02-8	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	71-43-2	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromobenzene	108-86-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	74-97-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	75-25-2	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	74-83-9	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	75-15-0	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	56-23-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	108-90-7	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	75-00-3	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	67-66-3	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	74-87-3	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	156-59-2	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	10061-01-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	124-48-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromomethane	74-95-3	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorobromomethane	75-27-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	75-71-8	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	100-41-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylene dibromide	106-93-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	87-68-3	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	98-82-8	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone	78-93-3	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert butyl ether	1634-04-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	75-09-2	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	104-51-8	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	103-65-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	91-20-3	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	95-47-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	135-98-8	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	100-42-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	98-06-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	127-18-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	108-88-3	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethylene	156-60-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	10061-02-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

APPENDIX A
SEDIMENT RESULTS
JCI - FOWLERVILLE

		Location	SE/RC-18/1	SE/RC-19/1	SE/RC-19/2	SE/RC-20/1	SE/RC-21/1	SE/RC-21/2	SE/RC-22/1	SE/RC-22/2	SE/RC-22A/1	SE/RC-22A/2	SE/RC-23/1	SE/RC-23/2	SO/RC-23/1	SE/RC-24-1	SE/RC-25-1
		Field ID:	SRC-18/136787	SRC-19/136787	SRC-19/236787	SRC-20/136787	SRC-21/136787	SRC-21/236787	SRC-22/136787	SRC-22/236787	SRC-22A/136787	SRC-22A/236787	SRC-23/1 DEP36787	SRC-23/236787	SRC-23/136787	SRC-24/136787	SRC-25/136787
		Date Sampled:	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000
		Depth (ft):	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0
Trichloroethene	79-01-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	75-69-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	75-01-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylene, Meta + Para	Not Applicable	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organic Compounds																	
1,2,4-Trichlorobenzene	120-82-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Benzphenanthracene	218-01-9	ug/kg	190 J	410 J	310 J	63 U	110 J	67 U	77 U	64 U	80 J	68 U	280 J	60 J	61 U	120 J	72 U
1,2-Dichlorobenzene	95-50-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	95-95-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	88-06-2	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol	120-83-2	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	105-67-9	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol	51-28-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	121-14-2	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	606-20-2	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene	91-58-7	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol	95-57-8	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	91-57-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	95-48-7	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	88-74-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol	88-75-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	91-94-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,4-Methylphenol	108-39-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	99-09-2	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	534-52-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl-phenylether	101-55-3	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline	106-47-8	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	7005-72-3	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	106-44-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	100-01-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol	100-02-7	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	83-32-9	ug/kg	45 U	45 U	52 U	41 U	46 U	44 U	50 U	42 U	44 U	44 U	120 U	39 U	40 U	54 U	47 U
Acenaphthylene	208-96-8	ug/kg	47 U	48 U	55 U	44 U	48 U	46 U	53 U	44 U	47 U	46 U	120 U	41 U	42 U	57 U	49 U
Anthracene	120-12-7	ug/kg	69 U	130 J	84 J	63 U	70 U	67 U	77 U	64 U	68 U	67 U	180 U	59 U	60 U	83 U	71 U
Benz(a)anthracene	56-55-3	ug/kg	150 J	370 J	260 J	51 U	110 J	53 U	62 U	51 U	63 J	54 U	170 J	47 U	48 U	97 J	57 U
Benzidine	92-87-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	50-32-8	ug/kg	150 J	340 J	260 J	56 U	89 J	59 U	69 U	57 U	75 J	60 U	210 J	53 U	54 U	76 J	66 J
Benzo(b)fluoranthene	205-99-2	ug/kg	120 J	340 J	210 J	45 U	86 J	48 U	55 U	46 U	75 J	48 U	230 J	42 U	43 U	75 J	54 J
Benzo(g,h,i)perylene	191-24-2	ug/kg	110 J	170 J	170 J	51 U	56 U	54 U	62 U	52 U	55 U	55 U	160 J	48 U	49 U	67 U	58 U
Benzo(k)fluoranthene	207-08-9	ug/kg	170 J	270 J	270 J	95 U	110 U	100 U	120 U	97 U	100 U	100 U	270 U	89 U	91 U	120 U	110 U
Benzoic acid	65-85-0	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl alcohol	100-51-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	111-91-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	111-44-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether	108-60-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	117-81-7	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate	85-68-7	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	86-74-8	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	218-01-9	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-N-Butyl phthalate	84-74-2	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-N-Octyl phthalate	117-84-0	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	53-70-3	ug/kg	67 U	67 U	78 U	62 U	68 U	65 U	75 U	63 U	66 U	66 U	170 U	58 U	59 U	81 U	70 U
Dibenzofuran	132-64-9	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethylphthalate	84-66-2	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	131-11-3	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	206-44-0	ug/kg	430	880	620	68 U	190 J	72 U	93 J	69 U	200 J	72 U	390 J	63 U	65 U	170 J	110 J
Fluorene	86-73-7	ug/kg	53 U	85 J	62 U	49 U	54 U	52 U	60 U	50 U	53 U	52 U	140 U	46 U	47 U	64 U	55 U
Hexachlorobenzene	118-74-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	87-68-3	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	77-47-4	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	67-72-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	193-39-5	ug/kg	89 J	180 J	150 J	63 U	70 U	67 U	77 U	64 U	68 U	67 U	180 U	59 U	60 U	83 U	71 U

APPENDIX A
SEDIMENT RESULTS
JCI - FOWLERVILLE

		Location	SE/RC-18/1	SE/RC-19/1	SE/RC-19/2	SE/RC-20/1	SE/RC-21/1	SE/RC-21/2	SE/RC-22/1	SE/RC-22/2	SE/RC-22A/1	SE/RC-22A/2	SE/RC-23/1	SE/RC-23/2	SO/RC-23/1	SE/RC-24-1	SE/RC-25-1
		Field ID:	SRC-18/136787	SRC-19/136787	SRC-19/236787	SRC-20/136787	SRC-21/136787	SRC-21/236787	SRC-22/136787	SRC-22/236787	SRC-22A/136787	SRC-22A/236787	SRC-23/1 DEP36787	SRC-23/236787	SRC-23/136787	SRC-24/136787	SRC-25/136787
		Date Sampled:	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000
		Depth (ft):	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0
Isophorone	78-59-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitroso-di-N-propylamine	621-64-7	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	86-30-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	91-20-3	ug/kg	66 U	66 U	77 U	61 U	67 U	64 U	74 U	62 U	65 U	65 U	170 U	57 U	58 U	80 U	68 U
Nitrobenzene	98-95-3	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Chloro-m-cresol	59-50-7	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	87-86-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	85-01-8	ug/kg	330 J	660	310 J	50 U	55 U	53 U	61 U	51 U	130 J	53 U	190 J	47 U	48 U	65 U	56 U
Phenol	108-95-2	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PNAs, Total	TPNA	ug/kg	1959	4275	2924	NA	675	NA	203	NA	723	51	1740	NA	NA	568	350
Pyrene	129-00-0	ug/kg	410 J	850	590	45 U	200 J	48 U	110 J	46 U	180 J	51 J	390 J	42 U	43 U	150 J	120 J
Polychlorinated Biphenyls (PCBs):																	
PCB-1248	12672-29-6	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1254	11097-69-1	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1260	11096-82-5	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB, Total	TPCB	ug/kg	NA	25 J	67	NA	9.6 J	5.4 J	NA	NA	138	130	17 J	NA	NA	NA	NA
PCB-1016	12674-11-2	ug/kg	14 U	14 U	17 U	13 U	14 U	14 U	16 U	13 U	14 U	14 U	37 U	12 U	13 U	17 U	15 U
PCB-1221	11104-28-2	ug/kg	11 U	11 U	13 U	9.9 U	11 U	10 U	12 U	10 U	11 U	11 U	28 U	9.3 U	9.5 U	13 U	11 U
PCB-1232	11141-16-5	ug/kg	4.4 U	4.4 U	5.1 U	4.1 U	4.5 U	4.3 U	4.9 U	4.1 U	4.4 U	4.3 U	11 U	3.8 U	3.9 U	5.3 U	4.6 U
PCB-1242	53469-21-9	ug/kg	4.3 U	4.3 U	5 U	3.9 U	4.3 U	4.2 U	4.8 U	4 U	4.2 U	4.2 U	11 U	3.7 U	3.8 U	5.2 U	4.4 U
PCB-1248	12672-29-6	ug/kg	5.4 U	25 J	67	5 U	9.6 J	5.4 J	6.1 U	5.1 U	45	130	17 J	4.7 U	4.8 U	6.6 U	5.7 U
PCB-1254	11097-69-1	ug/kg	6 U	6 U	7 U	5.5 U	6.1 U	5.8 U	6.7 U	5.6 U	5.9 U	5.8 U	15 U	5.1 U	5.2 U	7.2 U	6.2 U
PCB-1260	11096-82-5	ug/kg	23 U	23 U	27 U	21 U	24 U	23 U	26 U	22 U	93	23 U	60 U	20 U	21 U	28 U	24 U
Total Metals:																	
Aluminum, Total	7429-90-5	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic, Total	7440-38-2	mg/kg	5.2	3.6	13.2	5.3	3.6	2.5	5.4	5.2	2.3	5	24.9	6.7	3.5	11.1	4.8
Barium, Total	7440-39-3	mg/kg	28.8	24.1	43.9	47.5	21.6	22.1	21.4	12.6	15	24	200	15	7.9	58.7	38.4
Cadmium, Total	7440-43-9	mg/kg	0.13 U	0.13 U	0.15 U	0.12 U	0.13 U	0.13 U	0.15 U	0.12 U	0.13 U	0.13 U	0.34 U	0.11 U	0.11 U	0.52 B	0.26 B
Chromium, Total	7440-47-3	mg/kg	15.3	11.3	45.8	13.3	12	5.9	8.9	8.6	5.2	29.9	29.2	8.1	4.5	6.7	5.6
Copper, Total	7440-50-8	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead, Total	7439-92-1	mg/kg	6.9	5.2	11.1	7.8	3.1	3	3.5	2.3	2.6	4.9	17.1	3.3	2.5	8.7	11
Mercury, Total	7439-97-6	mg/kg	0.021 B	0.014 B	0.034 B	0.0085 B	0.011 B	0.015 B	0.027 B	0.011 B	0.02 B	0.022 B	0.071 B	0.0041 U	0.0052 B	0.038 B	0.032 B
Nickel, Total	7440-02-0	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium, Total	7782-49-2	mg/kg	0.58 U	0.59 U	0.68 U	0.54 U	0.59 U	0.57 U	0.65 U	0.55 U	0.58 U	0.57 U	1.5 U	0.5 U	0.51 U	0.92 B	0.61 U
Silver, Total	7440-22-4	mg/kg	0.6 U	0.6 U	0.7 U	0.55 U	0.61 U	0.58 U	0.67 U	0.56 U	0.59 U	0.58 U	1.5 U	0.51 U	0.52 U	0.72 U	0.62 U
Zinc, Total	7440-66-6	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium(VI)	18540-29-9	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous Parameters:																	
Cyanide, Free	57-12-5	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide, Total	57-12-5	mg/kg	U, 0.17 B	U, 0.17 B	U, 0.7 B	U, 0.0033 U	U, 0.0037 U	0.0035 U	U, 0.15 B	U, 0.0034 U	0.32 B, 5.6	1.4, 13.7	U, 0.88 B	U, 0.23 B	U, 0.22 B	0.87, 1	U, 0.0038 U
Fractional Organic Carbon	FOC	%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Percent moisture	MOIST	%	22.8	23.2	33.8	16.2	24.1	20.6	31.1	17.5	21.9	21.4	70.2	10.4	12.3	36.1	25.8
Percent Solids	SOLID	%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Percent Solids	Solids	%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon	TOC	%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NOTES:
U = Non-detect, value is reporting limit
J = Estimated value below reporting limit
NA = Parameter not analyzed
B = Blank qualified result
--- = Parameter not analyzed

APPENDIX A
SURFACE WATER DATA
JCI - FOWLERVILLE

		Location ID:	SW/RC-1	SW/RC-2	SW/RC-3	SW/RC-3	SW/RC-4	SW/RC-5	SW01	SW02	SW03	SW03	SW04	SW05	SW06	SW07	SW08	SW09	SW10	SW-1
		Field ID:	SW/RC-1	SW/RC-2	SW/RC-3	SW/RC-6 Dup	SW/RC-4	SW/RC-5	SW01-0909-102303-01	SW02-1111-102303-01	SW03-1111-102303-01SW0	SW03-1111-102303-02	SW04-1212-102203-01SW0	SW05-1212-102203-01SW0	SW06-1111-102203-01SW0	SW07-0202-102203-01SW0	SW08-0101-102903-01	SW09-0202-110403-01	SW10-0202-110403-01	SW-1
		Date Sampled:	4/1/1991	4/1/1991	4/1/1991	4/1/1991	4/1/1991	4/1/1991	10/23/2003	10/23/2003	10/23/2003	10/23/2003	10/22/2003	10/22/2003	10/22/2003	10/22/2003	10/29/2003	11/4/2003	11/4/2003	4/29/2003
Parameter	CAS #	Units																		
1,1,1,2-Tetrachloroethane	630-20-6	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
1,1,1-Trichloroethane	71-55-6	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5.1	1 U	1 U	NA
1,1,2,2-Tetrachloroethane	79-34-5	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
1,1,2-Trichloroethane	79-00-5	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
1,1-Dichloroethane	75-34-3	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
1,1-Dichloroethene	75-35-4	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
1,1-Dichloropropylene	563-58-6	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
1,2,3-Trichlorobenzene	87-61-6	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
1,2,3-Trichloropropane	96-18-4	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
1,2,4-Trichlorobenzene	120-82-1	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA
1,2,4-Trimethylbenzene	95-63-6	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.6 J	0.36 J	NA
1,2-Dibromo-3-chloropropane	96-12-8	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
1,2-Dichlorobenzene	95-50-1	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
1,2-Dichloroethane	107-06-2	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
1,2-Dichloropropane	78-87-5	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
1,3,5-Trimethylbenzene	108-67-8	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
1,3-Dichlorobenzene	541-73-1	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
1,3-Dichloropropane	142-28-9	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
1,4-Dichlorobenzene	106-46-7	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
2,2-Dichloropropane	594-20-7	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
2-Chlorotoluene	95-49-8	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
2-Hexanone	591-78-6	ug/l	NA	NA	NA	NA	NA	NA	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	NA
4-Chlorotoluene	106-43-4	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
4-Isopropyltoluene	99-87-6	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
4-Methyl-2-pentanone	108-10-1	ug/l	NA	NA	NA	NA	NA	NA	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	NA
Acetone	67-64-1	ug/l	NA	NA	NA	NA	NA	NA	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	NA
Acrolein	107-02-8	ug/l	1.7 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrylonitrile	107-13-1	ug/l	4.1 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	71-43-2	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
Bromobenzene	108-86-1	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
Bromochloromethane	74-97-5	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
Bromoform	75-25-2	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
Bromomethane	74-83-9	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
Carbon disulfide	75-15-0	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA
Carbon tetrachloride	56-23-5	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
Chlorobenzene	108-90-7	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
Chloroethane	75-00-3	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
Chloroform	67-66-3	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
Chloromethane	74-87-3	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
cis-1,2-Dichloroethene	156-59-2	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.64 J	3.2	1 U	1 U	NA
cis-1,3-Dichloropropene	10061-01-5	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
Dibromochloromethane	124-48-1	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
Dibromomethane	74-95-3	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
Dichlorobromomethane	75-27-4	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
Dichlorodifluoromethane	75-71-8	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
Ethylbenzene	100-41-4	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
Ethylene dibromide	106-93-4	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
Hexachlorobutadiene	87-68-3	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	1 U	5 U	5 U	5 U	1 U	1 U	NA
Isopropylbenzene	98-82-8	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA
Methyl ethyl ketone	78-93-3	ug/l	NA	NA	NA	NA	NA	NA	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	NA
Methyl tert butyl ether	1634-04-4	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA
Methylene chloride	75-09-2	ug/l	1.4 BJ	1.3 BJ	2 J	2.3 BJ	1.5 J	1.4 J	0.39 J	0.54 J	0.31 J	0.25 J	0.19 J	0.32 J	0.2 J	0.34 J	5 U	5 U	5 U	NA
n-Butylbenzene	104-51-8	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
n-Propylbenzene	103-65-1	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
Naphthalene	91-20-3	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1.4 J	0.45 J	NA
o-Xylene	95-47-6	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
sec-Butylbenzene	135-98-8	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
Styrene	100-42-5	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
tert-Butylbenzene	98-06-6	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
Tetrachloroethene	127-18-4	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
Toluene	108-88-3	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.14 J	1 U	1 U	NA

APPENDIX A
SURFACE WATER DATA
JCI - FOWLERVILLE

		Location ID:	SW/RC-1	SW/RC-2	SW/RC-3	SW/RC-3	SW/RC-4	SW/RC-5	SW01	SW02	SW03	SW03	SW04	SW05	SW06	SW07	SW08	SW09	SW10	SW-1
		Field ID:	SW/RC-1	SW/RC-2	SW/RC-3	SW/RC-6 Dup	SW/RC-4	SW/RC-5	SW01-0909-102303-01	SW02-1111-102303-01	SW03-1111-102303-01SW0	SW03-1111-102303-02	SW04-1212-102203-01SW0	SW05-1212-102203-01SW0	SW06-1111-102203-01SW0	SW07-0202-102203-01SW0	SW08-0101-102903-01	SW09-0202-110403-01	SW10-0202-110403-01	SW-1
		Date Sampled:	4/1/1991	4/1/1991	4/1/1991	4/1/1991	4/1/1991	4/1/1991	10/23/2003	10/23/2003	10/23/2003	10/23/2003	10/22/2003	10/22/2003	10/22/2003	10/22/2003	10/29/2003	11/4/2003	11/4/2003	4/29/2003
Parameter	**CAS #**	**Units**																		
trans-1,2-Dichloroethylene	156-60-5	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.44 J	1 U	1 U	NA
trans-1,3-Dichloropropene	10061-02-6	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
Trichloroethene	79-01-6	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.33 J	11	1 U	1 U	NA
Trichlorofluoromethane	75-69-4	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA
Vinyl chloride	75-01-4	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.62 J	1 U	1 U	NA
Xylene, Meta + Para	Not Applicable	ug/l	NA	NA	NA	NA	NA	NA	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	0.78 J	0.3 J	NA
1,2,4-Trichlorobenzene	120-82-1	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA	NA	NA
1,2-Dichlorobenzene	95-50-1	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA
1,3-Dichlorobenzene	541-73-1	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA
1,4-Dichlorobenzene	106-46-7	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA
2,4,5-Trichlorophenol	95-95-4	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA	NA	NA
2,4,6-Trichlorophenol	88-06-2	ug/l	NA	NA	NA	NA	NA	NA	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	NA	NA	NA
2,4-Dichlorophenol	120-83-2	ug/l	NA	NA	NA	NA	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NA	NA	NA
2,4-Dimethylphenol	105-67-9	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA	NA	NA
2,4-Dinitrophenol	**51-28-5**	ug/l	NA	NA	NA	NA	NA	NA	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	NA	NA	NA
2,4-Dinitrotoluene	**121-14-2**	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA	NA	NA
2,6-Dinitrotoluene	606-20-2	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA	NA	NA
2-Chloronaphthalene	91-58-7	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA	NA	NA
2-Chlorophenol	95-57-8	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA	NA	NA
2-Methylnaphthalene	91-57-6	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA	NA	NA
2-Methylphenol	95-48-7	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA	NA	NA
2-Nitroaniline	88-74-4	ug/l	NA	NA	NA	NA	NA	NA	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	NA	NA	NA
2-Nitrophenol	88-75-5	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA	NA	NA
3,3-Dichlorobenzidine	91-94-1	ug/l	NA	NA	NA	NA	NA	NA	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	NA	NA	NA
3-Nitroaniline	99-09-2	ug/l	NA	NA	NA	NA	NA	NA	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	NA	NA	NA
4,6-Dinitro-2-methylphenol	534-52-1	ug/l	NA	NA	NA	NA	NA	NA	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	NA	NA	NA
4-Bromophenyl-phenylether	101-55-3	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA	NA	NA
4-Chloroaniline	106-47-8	ug/l	NA	NA	NA	NA	NA	NA	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	NA	NA	NA
4-Chlorophenyl-phenylether	7005-72-3	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA	NA	NA
4-Methylphenol	106-44-5	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.066 J	NA	NA	NA
4-Nitroaniline	100-01-6	ug/l	NA	NA	NA	NA	NA	NA	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	NA	NA	NA
4-Nitrophenol	100-02-7	ug/l	NA	NA	NA	1.5 J	NA	NA	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	NA	NA	NA
Acenaphthene	83-32-9	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA	NA	NA
Acenaphthylene	208-96-8	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA	NA	NA
Anthracene	120-12-7	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA	NA	NA
Benz(a)anthracene	56-55-3	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA
Benzidine	92-87-5	ug/l	NA	NA	NA	NA	NA	NA	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	NA	NA	NA
Benzo(a)pyrene	50-32-8	ug/l	NA	NA	NA	NA	NA	NA	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	NA	NA	NA
Benzo(b)fluoranthene	205-99-2	ug/l	NA	NA	NA	NA	NA	NA	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	NA	NA	NA
Benzo(g,h,i)perylene	191-24-2	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA	NA	NA
Benzo(k)fluoranthene	207-08-9	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA	NA	NA
Benzoic acid	65-85-0	ug/l	NA	NA	NA	NA	NA	NA	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	NA	NA	NA
Benzyl alcohol	100-51-6	ug/l	NA	NA	NA	NA	NA	NA	50 U	0.055 J	50 U	50 U	50 U	0.065 J	50 U	50 U	50 U	NA	NA	NA
bis(2-Chloroethoxy)methane	111-91-1	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA	NA	NA
bis(2-Chloroethyl)ether	111-44-4	ug/l	NA	NA	NA	NA	NA	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	NA	NA	NA
bis(2-Chloroisopropyl)ether	108-60-1	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA	NA	NA
bis(2-Ethylhexyl)phthalate	117-81-7	ug/l	2.2 BJ	4 BJ	1.1 BJ	2.1 BJ	1.5 BJ	NA	5 U	5 U	0.43 J	5 U	5 U	5 U	0.42 J	3.5 J	0.47 J	NA	NA	NA
Butyl benzyl phthalate	85-68-7	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.46 J	5 U	NA	NA	NA
Carbazole	86-74-8	ug/l	NA	NA	NA	NA	NA	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	NA	NA	NA
Chrysene	218-01-9	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA	NA	NA
Di-N-Butyl phthalate	84-74-2	ug/l	1.2 J	1.4 J	2.4 J	2.9 J	1.4 J	1.3 J	0.78 J	1.1 J	1.9 J	1.1 J	2.2 J	1.2 J	3.1 J	5	1.1 J	NA	NA	NA
Di-N-Octyl phthalate	117-84-0	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA	NA	NA
Dibenz(a,h)anthracene	53-70-3	ug/l	NA	NA	NA	NA	NA	NA	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	NA	NA	NA
Dibenzofuran	132-64-9	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA	NA	NA
Diethylphthalate	84-66-2	ug/l	NA	NA	NA	NA	NA	NA	0.11	0.26	0.24	0.17	0.24	0.19	0.27	0.21	0.28 J	NA	NA	NA
Dimethyl phthalate	131-11-3	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA	NA	NA
Fluoranthene	206-44-0	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	0.059 J	5 U	5 U	5 U	NA	NA	NA
Fluorene	86-73-7	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA	NA	NA
Hexachlorobenzene	118-74-1	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA	NA	NA
Hexachlorobutadiene	87-68-3	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA	NA	NA
Hexachlorocyclopentadiene	77-47-4	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA	NA	NA

APPENDIX A
SURFACE WATER DATA
JCI - FOWLERVILLE

		Location ID:	SW/RC-1	SW/RC-2	SW/RC-3	SW/RC-3	SW/RC-4	SW/RC-5	SW01	SW02	SW03	SW03	SW04	SW05	SW06	SW07	SW08	SW09	SW10	SW-1
		Field ID:	SW/RC-1	SW/RC-2	SW/RC-3	SW/RC-6 Dup	SW/RC-4	SW/RC-5	SW01-0909-102303-01	SW02-1111-102303-01	SW03-1111-102303-01SW0	SW03-1111-102303-02	SW04-1212-102203-01SW0	SW05-1212-102203-01SW0	SW06-1111-102203-01SW0	SW07-0202-102203-01SW0	SW08-0101-102903-01	SW09-0202-110403-01	SW10-0202-110403-01	SW-1
		Date Sampled:	4/1/1991	4/1/1991	4/1/1991	4/1/1991	4/1/1991	4/1/1991	10/23/2003	10/23/2003	10/23/2003	10/23/2003	10/22/2003	10/22/2003	10/22/2003	10/22/2003	10/29/2003	11/4/2003	11/4/2003	4/29/2003
Parameter	CAS #	Units																		
Hexachloroethane	67-72-1	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA	NA	NA
Indeno(1,2,3-cd)pyrene	193-39-5	ug/l	NA	NA	NA	NA	NA	NA	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	NA	NA	NA
Isophorone	78-59-1	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA	NA	NA
N-Nitroso-di-N-propylamine	621-64-7	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA	NA	NA
N-Nitrosodiphenylamine	86-30-6	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA	NA	NA
Naphthalene	91-20-3	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA	NA	NA
Nitrobenzene	98-95-3	ug/l	NA	NA	NA	NA	NA	NA	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	NA	NA	NA
p-Chloro-m-cresol	59-50-7	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA	NA	NA
Pentachlorophenol	87-86-5	ug/l	NA	NA	NA	NA	NA	NA	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	NA	NA	NA
Phenanthrene	85-01-8	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	0.15 J	5 U	5 U	5 U	NA	NA	NA
Phenol	108-95-2	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	NA	NA	NA
Pyrene	129-00-0	ug/l	NA	NA	NA	NA	NA	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	0.095 J	NA	NA	NA
PCB-1016	12674-11-2	ug/l	NA	NA	NA	NA	NA	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	0.2 U	NA	NA	NA
PCB-1221	11104-28-2	ug/l	NA	NA	NA	NA	NA	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	0.2 U	NA	NA	NA
PCB-1232	11141-16-5	ug/l	NA	NA	NA	NA	NA	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	0.2 U	NA	NA	NA
PCB-1242	53469-21-9	ug/l	NA	NA	NA	NA	NA	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	0.2 U	NA	NA	NA
PCB-1248	12672-29-6	ug/l	NA	NA	NA	NA	NA	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	0.2 U	NA	NA	NA
PCB-1254	11097-69-1	ug/l	NA	NA	NA	NA	NA	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	0.2 U	NA	NA	NA
PCB-1260	11096-82-5	ug/l	NA	NA	NA	NA	NA	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	0.2 U	NA	NA	NA
Arsenic, Total	7440-38-2	mg/l	NA	NA	NA	NA	NA	NA	0.0023	0.0027	0.0025	0.0026	0.0024	0.0026	0.0026	0.0014	0.0045	NA	NA	NA
Barium, Total	7440-39-3	mg/l	NA	NA	NA	NA	NA	NA	0.117	0.126	0.115	0.12	0.115	0.117	0.125	0.127	0.069	NA	NA	NA
Cadmium, Total	7440-43-9	mg/l	NA	NA	NA	NA	NA	NA	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.00014 J	NA	NA	NA
Chromium, Total	7440-47-3	mg/l	NA	NA	NA	NA	NA	NA	0.0008 J	0.0006 J	0.005 U	0.005 U	0.0013 J	0.0011 J	0.0016 J	0.0011 J	0.0017 J	NA	NA	NA
Copper, Total	7440-50-8	mg/l	NA	NA	NA	NA	NA	NA	0.0019 J	0.0036 J	0.0017 J	0.0026 J	0.0013 J	0.0011 J	0.0012 J	0.0034 J	0.0079	NA	NA	NA
Lead, Total	7439-92-1	mg/l	NA	NA	NA	NA	NA	NA	0.001 U	0.001 U	0.001 U	0.00027 J	0.001 U	0.001 U	0.001 U	0.0003 J	0.0007 J	NA	NA	NA
Mercury, Total	7439-97-6	mg/l	NA	NA	NA	NA	NA	NA	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA	NA	NA
Nickel, Total	7440-02-0	mg/l	NA	NA	NA	NA	NA	NA	0.0007 J	0.0006 J	0.0014 J	0.0013 J	0.0009 J	0.0007 J	0.0015 J	0.0017 J	0.017	NA	NA	NA
Selenium, Total	7782-49-2	mg/l	NA	NA	NA	NA	NA	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0015	NA	NA	NA
Silver, Total	7440-22-4	mg/l	NA	NA	NA	NA	NA	NA	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA	NA	NA
Zinc, Total	7440-66-6	mg/l	NA	NA	NA	NA	NA	NA	0.0066 J	0.0098 J	0.0072 J	0.0059 J	0.0098 J	0.0066 J	0.0081 J	0.016	0.025	NA	NA	NA
Arsenic, Dissolved	7440-38-2	mg/l	NA	NA	0.003 J	NA	NA	NA	0.0023	0.0019	0.0018	0.0021	0.0022	0.002	0.002	0.0014	0.0046	NA	NA	NA
Barium, Dissolved	7440-39-3	mg/l	0.048	0.046	0.066	0.065	0.068	0.063	0.123	0.119	0.12	0.126	0.119	0.113	0.121	0.126	0.067	NA	NA	NA
Cadmium, Dissolved	7440-43-9	mg/l	NA	NA	NA	NA	NA	NA	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA	NA	NA
Chromium, Dissolved	7440-47-3	mg/l	NA	NA	NA	NA	NA	NA	0.005 U	0.0006 J	0.005 U	0.005 U	0.0013 J	0.0012 J	0.0014 J	0.0016 J	0.0015 J	NA	NA	NA
Chromium, Hexavalent- Dissolve	18540-29-9	mg/l	NA	NA	NA	NA	NA	NA	0.005 U	0.0009 J	0.0008 J	0.005 U	0.001 J	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA	NA
Copper, Dissolved	7440-50-8	mg/l	NA	NA	NA	NA	NA	NA	0.0016 J	0.0018 J	0.0017 J	0.0019 J	0.0017 J	0.001 J	0.0013 J	0.0044 J	0.0068	NA	NA	NA
Lead, Dissolved	7439-92-1	mg/l	NA	NA	NA	NA	NA	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	NA	NA	NA
Mercury, Dissolved	7439-97-6	mg/l	NA	NA	NA	NA	NA	NA	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	NA	NA	NA
Nickel, Dissolved	7440-02-0	mg/l	NA	NA	NA	NA	NA	NA	0.0012 J	0.001 J	0.0012 J	0.0015 J	0.0012 J	0.0012 J	0.0014 J	0.0017 J	0.017	NA	NA	NA
Selenium, Dissolved	7782-49-2	mg/l	NA	NA	NA	NA	NA	NA	0.001 U	0.001 U	0.001 U	0.001 U	0.00044 J	0.001 U	0.001 U	0.001 U	0.0016	NA	NA	NA
Silver, Dissolved	7440-22-4	mg/l	NA	NA	NA	NA	NA	NA	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.00005 J	0.0002 U	NA	NA	NA
Total Dissolved Solids	TDS	mg/l	332	329	409	412	407	403	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc, Dissolved	7440-66-6	mg/l	NA	NA	NA	NA	NA	NA	0.0054 J	0.0095 J	0.0092 J	0.0072 J	0.0087 J	0.008 J	0.0077 J	0.0088 J	0.019	NA	NA	NA
Cyanide, Free	57-12-5	mg/l	NA	NA	NA	NA	NA	NA	0.004	0.01	0.006	0.005	0.01	0.02	0.0023	0.003	0.005 U	NA	NA	NA
Cyanide, Total	57-12-5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.005 U	NA	NA	NA
Hardness (as CaCO3)	HARD	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	424
Total Chromatographable Organi	TCO	mg/l	0.076 J	NA	NA	NA	NA	0.091 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NOTES:
U = Non-detect, value is reporting limit
J = Estimated value below reporting limit
NA = Parameter not analyzed
B = Blank qualified result
--- = Parameter not analyzed

B

APPENDIX B

IDENTIFICATION OF CRITERIA

Appendix B-1
Sediment Direct Contact Criteria Applicable to CA 725

Site specific direct contact cleanup criteria for sediments were calculated using the general equations presented by MDEQ in Part 201 Rule R299.5720 as guidance. Equations for criteria for carcinogens and non-carcinogens are shown below.

CLEANUP CRITERIA EQUATION FOR CARCINOGENS:

$$DCC_c = \frac{TR \times AT \times CF \times RSC}{SF \times [(EF_i \times IF \times AE_i)+(EF_d \times DF \times AE_d)]}$$

where,

DCC_c	(Direct contact criterion for carcinogen)	=	chemical-specific, ug/kg or ppb
TR	(Target risk level)	=	10^{-5}
AT	(Averaging time)	=	25,550 days (70 years x 365 days/year)
CF	(Conversion factor)	=	1E+9 ug/kg
RSC	(Relative source contribution)	=	1
SF	(Oral cancer slope factor)	=	chemical-specific $(mg/kg\text{-}day)^{-1}$
EF_i	(Ingestion exposure frequency)	=	52 days/year
IF	(Age-adjusted soil ingestion factor)	=	74 mg-year/kg-day
AE_i	(Ingestion absorption efficiency)	=	chemical-specific or default specified in R299.5720(3)
EF_d	(Dermal exposure frequency)	=	52 days/year
DF	(Age-adjusted soil dermal factor)	=	310 mg/year/kg-day
AE_d	(Dermal absorption efficiency)	=	chemical-specific or default specified in R299.5720(3)

CLEANUP CRITERIA EQUATION FOR NONCARCINOGENS:

$$DCC_{nc} = \frac{THQ \times RfD \times AT \times CF \times RSC}{[(EF_i \times IF \times AE_i) + (EF_d \times DF \times AE_d)]}$$

where,

DCC_{nc}	(Direct contact criterion)	=	chemical-specific, ug/kg or ppb
THQ	(Target hazard quotient)	=	1
RfD	(Oral reference dose)	=	chemical-specific (mg/kg-day)
AT	(Averaging time)	=	10,950 days (30 years x 365 days/year)
CF	(Conversion factor)	=	1E+9 ug/kg
RSC	(Relative source contribution)	=	1
EF_i	(Ingestion exposure frequency)	=	52 days/year
IF	(Age-adjusted soil ingestion factor)	=	74 mg-year/kg-day
AE_i	(Ingestion absorption efficiency)	=	chemical-specific or default specified in R299.5720(3)
EF_d	(Dermal exposure frequency)	=	52 days/year
DF	(Age-adjusted soil dermal factor)	=	310 mg/year/kg-day
AE_d	(Dermal absorption efficiency)	=	chemical-specific or default specified in R299.5720(3)

Appendix B-1
Sediment Direct Contact Criteria Applicable to CA 725

Values of selected parameters were modified to estimate reasonable and expected exposures to sediments based on consultation with MDEQ (Dennis Bush, MDEQ, personal communication with Glenn Hendrix, Earth Tech, June 9, 2003). It should be noted that the modifications used reflect those recommended by MDEQ for other sediment exposure scenarios in the State. Using exposure parameters supported by MDEQ is consistent with the use of Part 201 criteria for other media under investigation at this site. The specific changes are:

- The age-adjusted soil ingestion factor (IF) was changed to 74 mg-year/kg-day to represent exposure of children (2 to 18 years of age) to sediment.
- The ingestion exposure frequency (EF_i) was changed to 52 days/year from the default value of 350 days/year. This represents potential exposure four times per week during the warmer summer months (June through August) and twice per month during the cooler months of May and September. This EF is used by the MDEQ for their Part 201 remediation program to develop sediment cleanup criteria based on dermal contact and ingestion.
- The age-adjusted soil dermal factor (DF) was changed to 310 mg-year/kg-day from 353 mg□year/kg-day for soil. This change is considered representative of potentially exposed children (2 to 18 years of age) instead of adults.
- All other exposure and chemical-specific parameters were retained and used as by the MDEQ for potential soil exposures (Rule 299.5720).

Appendix B-2
Basis for Groundwater:Surfacewater Interface (GSI) Criteria Applicable to CA 725.

Data in this Table were there calculated by MDEQ according to Part 201 Rule 57. GSI Derivation was needed for 3 chemicals. Please note that the derivation is found on Appendix B-3

Chemical	CAS Number	Part 201 GSI Default Criteria		Part 201 GSI Human Health-Based Criteria Applicable to CA 725	
		(µg/L)	Basis	(µg/L)	Basis
2-Methylphenol	95-48-7	71	Aquatic Organism Final Chronic Value	44,000	Human Non Cancer-No Drinking Water
4-Methylphenol	106-44-5	71	Aquatic Organism Final Chronic Value	45,000	Human Non Cancer-No Drinking Water
Phenol	108-95-2	210	Aquatic Organism Final Chronic Value	2,400	Human Non Cancer-No Drinking Water
1,4-Dichlorobenzene	106-46-7	13	Aquatic Organism Final Chronic Value	240	Human NonCancerous no-drinking water
Butyl Benzyl Phthalate	85-68-7	14(X)	Aquatic Organism Final Chronic Value	160	Human NonCancerous no-drinking water
Vinyl Chloride	75-01-4	15	Human Cancerous no-drinking water pre 2003 data	13	Human Cancerous no-drinking water
Benzoic Acid	65-85-0	NA	Not Available	4,047,172	Not-listed in SWQ-Rule 57 Table. Calculated as per Rule 4 of the MDEQ SWQD. Human Non-Cancerous no-drinking water calculations were used for this chemical.
n-Butylbenzene	104-51-8	ID	Not Available	298	Not-listed in SWQ-Rule 57 Table. Calculated as per Rule 4 of the MDEQ SWQD. Human Non-Cancerous no-drinking water calculations were used for this chemical.
Dimethylphthalate	131-11-3	NA	Not Available	3,556,392	Not-listed in SWQ-Rule 57 Table. Calculated as per Rule 4 of the MDEQ SWQD. Human Non-Cancerous no-drinking water calculations were used for this chemical.
PCB	1336-36-3	0.2	Detection Limits	0.2	Detection Limits
Phenanthrene	85-01-8	5(M)	Detection Limits	2400	Human NonCancerous no-drinking water Anthracene is used as a surrogate
Fluoranthene	206-44-0	5(M)	Detection Limit	18	Human NonCancerous no-drinking water
Silver, dissolved	7440-22-4	0.2(M)	Detection Limits for Final Chronic Value	11,000	Human NonCancerous no-drinking water
Silver, total	7440-22-4	0.2(M)	Detection Limits for Final Chronic Value	11,000	Human NonCancerous no-drinking water
Mercury, dissolved	7439-97-6	0.0013	Wildlife Value	0.0018	Human NonCancerous no-drinking water
Mercury, total	7439-97-6	0.0013	Wildlife Value	0.0018	Human NonCancerous no-drinking water
Acetone	67-64-1	1700	Final Chronic Value	450,000	Human NonCancerous no-drinking water

Appendix B-2
Basis for Groundwater:Surfacewater Interface (GSI) Criteria Applicable to CA 725.

Data in this Table were there calculated by MDEQ according to Part 201 Rule 57. GSI Derivation was needed for 3 chemicals. Please note that the derivation is found on Appendix B-3

Chemical	CAS Number	Part 201 GSI Default Criteria		Part 201 GSI Human Health-Based Criteria Applicable to CA 725	
		(µg/L)	Basis	(µg/L)	Basis
Anthracene	120-12-7	ID	Final Chronic Value	2,400	Human NonCancerous no-drinking water
Arsenic, dissolved	7440-38-2	150(X)	Aquatic Organism Final Chronic Value	280	Human NonCancerous no-drinking water
Arsenic, total	7440-38-2	150(X)	Aquatic Organism Final Chronic Value	280	Human NonCancerous no-drinking water
Barium, dissolved	7440-39-3	(G,X)	Aquatic Organism Final Chronic Value	160,000	Human NonCancerous no-drinking water
Barium, total	7440-39-3	(G,X)	Aquatic Organism Final Chronic Value	160,000	Human NonCancerous no-drinking water
Benzene	71-43-2	200(X)	Aquatic Organism Final Chronic Value	310	Human Cancerous no-drinking water
Bis (2-ethylhexyl)-phthalate	117-81-7	32	Aquatic Organism Final Chronic Value	32	Human Cancerous no-drinking water
Cadmium, dissolved	7440-43-9	(G,X)	Aquatic Organism Final Chronic Value	130	Human NonCancerous no-drinking water
Cadmium, total	7440-43-9	(G,X)	Aquatic Organism Final Chronic Value	130	Human NonCancerous no-drinking water
Carbon Disulfide	75-15-0	ID	Aquatic Organism Final Chronic Value	34,000	Human NonCancerous no-drinking water
Chlorobenzene	108-90-7	47	Aquatic Organism Final Chronic Value	3,200	Human NonCancerous no-drinking water
4-Chloro-3-Methylphenol	59-50-7	7.4	Aquatic Organism Final Chronic Value	39,000	Human NonCancerous no-drinking water
Chromium, dissolved	7440-47-3	(G,X)	Aquatic Organism Final Chronic Value	9,400	Human NonCancerous no-drinking water
Chromium, total	7440-47-3	(G,X)	Aquatic Organism Final Chronic Value	9,400	Human NonCancerous no-drinking water
Chromium, dissolved, hexavalent	18540-29-9	11	Aquatic Organism Final Chronic Value	9,400	Human NonCancerous no-drinking water
Copper, dissolved	7440-50-8	(G)	Aquatic Organism Final Chronic Value	64,000	Human NonCancerous no-drinking water
Copper, total	7440-50-8	(G)	Aquatic Organism Final Chronic Value	64,000	Human NonCancerous no-drinking water

Appendix B-2
Basis for Groundwater:Surfacewater Interface (GSI) Criteria Applicable to CA 725.

Data in this Table were there calculated by MDEQ according to Part 201 Rule 57. GSI Derivation was needed for 3 chemicals. Please note that the derivation is found on Appendix B-3

Chemical	CAS Number	Part 201 GSI Default Criteria		Part 201 GSI Human Health-Based Criteria Applicable to CA 725	
		(µg/L)	Basis	(µg/L)	Basis
Cyanide, Free	57-12-5	5.2	Aquatic Organism Final Chronic Value	48,000	Human NonCancerous no-drinking water
Di-n-Butylphthalate	84-74-2	9.7	Aquatic Organism Final Chronic Value	690	Human NonCancerous no-drinking water
Di-n-Octylphthalate	117-84-0	ID	Aquatic Organism Final Chronic Value	300	Human NonCancerous no-drinking water
1,2-Dichlorobenzene	95-50-1	16	Aquatic Organism Final Chronic Value	11,000	Human NonCancerous no-drinking water
1,1-Dichloroethane	75-34-3	740	Aquatic Organism Final Chronic Value	62,000	Human NonCancerous no-drinking water
1,1-Dichloroethylene	75-35-4	65(X)	Aquatic Organism Final Chronic Value	33,000	Human NonCancerous no-drinking water
cis-1,2-Dichloroethene	156-59-2	620	Aquatic Organism Final Chronic Value	36,000	Human NonCancerous no-drinking water
trans-1,2-Dichloroethylene	156-60-5	1500	Aquatic Organism Final Chronic Value	25,000	Human NonCancerous no-drinking water
Diethylphthalate	84-66-2	110	Aquatic Organism Final Chronic Value	40,000	Human NonCancerous no-drinking water
Fluorene	86-73-7	12	Aquatic Organism Final Chronic Value	160	Human NonCancerous no-drinking water
Lead, dissolved	7439-92-1	(G,X)	Aquatic Organism Final Chronic Value	190	Human NonCancerous no-drinking water
Lead, total	7439-92-1	(G,X)	Aquatic Organism Final Chronic Value	190	Human NonCancerous no-drinking water
Methyl Ethyl Ketone	78-93-3	2200	Aquatic Organism Final Chronic Value	3,800,000	Human NonCancerous no-drinking water
Methylene Chloride	75-09-2	940(X)	Aquatic Organism Final Chronic Value	2,600	Human Cancerous no-drinking water
2-Methylnaphthalene	91-57-6	ID	Aquatic Organism Final Chronic Value	1,000	Human NonCancerous no-drinking water
Naphthalene	91-20-3	13	Aquatic Organism Final Chronic Value	1,200	Human NonCancerous no-drinking water
Nickel, dissolved	7440-02-0	(G)	Aquatic Organism Final Chronic Value	210,000	Human NonCancerous no-drinking water

Appendix B-2
Basis for Groundwater:Surfacewater Interface (GSI) Criteria Applicable to CA 725.

Data in this Table were there calculated by MDEQ according to Part 201 Rule 57. GSI Derivation was needed for 3 chemicals. Please note that the derivation is found on Appendix B-3

Chemical	CAS Number	Part 201 GSI Default Criteria		Part 201 GSI Human Health-Based Criteria Applicable to CA 725	
		(µg/L)	Basis	(µg/L)	Basis
Nickel, total	7440-02-0	(G)	Aquatic Organism Final Chronic Value	210,000	Human NonCancerous no-drinking water
Pyrene	129-00-0	ID	Aquatic Organism Final Chronic Value	15	Human NonCancerous no-drinking water
Selenium, dissolved	7782-49-2	5	Aquatic Organism Final Chronic Value	2,700	Human NonCancerous no-drinking water
Selenium, total	7782-49-2	5	Aquatic Organism Final Chronic Value	2,700	Human NonCancerous no-drinking water
Toluene	108-88-3	140	Aquatic Organism Final Chronic Value	51,000	Human NonCancerous no-drinking water
1,2,4- Trichlorobenzene	120-82-1	30	Aquatic Organism Final Chronic Value	99	Human NonCancerous no-drinking water
1,1,1-Trichloroethane	71-55-6	200	Aquatic Organism Final Chronic Value	1,300,000	Human NonCancerous no-drinking water
Trichloroethylene	79-01-6	200(X)	Aquatic Organism Final Chronic Value	370	Human Cancerous no-drinking water
1,2,4-Trimethylbenzene	95-63-6	17	Aquatic Organism Final Chronic Value	330	Human NonCancerous no-drinking water
1,3,5-Trimethylbenzene	108-67-8	45	Aquatic Organism Final Chronic Value	4,200	Human NonCancerous no-drinking water
Zinc, dissolved	7440-66-6	(G)	Aquatic Organism Final Chronic Value	22,000	Human NonCancerous no-drinking water
Zinc, total	7440-66-6	(G)	Aquatic Organism Final Chronic Value	22,000	Human NonCancerous no-drinking water

Appendix B-3
Groundwater Surfacewater Interface (GSI) Human Health Derivation for Human Health Noncancerous Value - No Water Drinking (CA725)

HNV = (ADE*RSC*BW)/(WC+((FCtl3*BAF3)+(FCtl4*BAF4))

HNV =		Human NonCancer Value (mg/L)
ADE =	Chemical Specific	Acceptable Daily Exposure in mg Toxicant per kg bodyweight per day (mg/kg/day)
RSC =	0.8	Relative Source Contribution 0.8
BW =	70	Body Weight of 70 kg
WC =	0.01	Water consumption - incidental from the surface water of 0.01 liters/day
FCtl3 =	0.0036	Fish Consumption of trophic level 3 fish 0.0036 kg/day
FCtl4 =	0.0114	Fish Consumption of trophic level 4 fish 0.0114 kg/day
BAF3 =	Eqn below	Bioaccumalation factor Trophic Level 3
BAF4 =	Eqn Below	Bioaccumalation factor Trophic Level 4

BAF3 = (Baseline BAF * 0.0182 + 1) (1/(1+(DOC*Kow/10)+POC*Kow)
BAF4 = (Baseline BAF * 0.0310 + 1) (1/(1+(DOC*Kow/10)+POC*Kow)

Baseline BAF = Kow

POC =	0.00000004
DOC =	0.000002

Log Kow = (Log Koc - 0.0784)/0.7919

CAS	Chemical	Log Koc	Log Kow	Kow	ADE	BAF3	BAF4	HNV - mg/L	HNV - µg/L
65-85-0	Benzoic Acid	---	1.86	72	4.00E+00	2.3	3.2	4047	**4047172**
104-51-8	n-Butylbenzene	3.4	4.3	17948	4.00E-02	326.3	555.0	0.298	**298**
131-11-3	Dimethylphthalate	---	2.5	316	1.00E+01	6.8	10.8	3556	**3556392**

The calculation was determined from MDEQ Water Regulations Part 4 Water Quality Standards (R323.1041 - 1117) and Rule 57 data.

The USEPA Soil Screening Guidance: Technical Background Document (EPA/540/R-95/128) was used for Log Kow when available and in the calculation for the relationship between Koc and Kow. This was necessary in the case of n-Butylbenzene which did not possess a Kow value from the Soil Screening Technical Guidance.

USEPA Region IX 2002 PRG Tables were used in obtaining the reference dose (ADE) and Log Koc if the log Kow value was not available for the above chemicals.

Appendix B-4
Human Health Criteria (CA 725)
Derivation of Soil and Sediment Criteria Protective of the Groundwater Surfacewater Interface (GSI)

Chemical	CAS Number	GSI Human Health-Based (GSI HHB) (µg/L)	Koc	HLC	H'	SWPC (µg/Kg)	20 x GSI HHB (µg/Kg)	Final Soil GSI (µg/Kg)
2-methylphenol	95-48-7	4.40E+04	4.51E+01	1.60E-06	6.56E-05	8.66E+03	8.80E+05	8.80E+05
4-methylphenol	106-44-5	4.50E+04	4.51E+01	1.60E-06	6.56E-05	8.86E+03	9.00E+05	9.00E+05
Phenol	180-95-2	2.40E+03	1.78E+01	3.97E-07	1.63E-05	3.41E+02	4.80E+04	4.80E+04
1,4-Dichlorobenzene	106-46-7	2.40E+02	6.12E+02	2.43E-03	9.96E-02	3.20E+02	4.80E+03	4.80E+03
Butyl Benzyl Phthalate	85-68-7	1.60E+02	5.73E+04	1.26E-06	5.17E-05	1.84E+04	3.20E+03	1.84E+04
Vinyl Chloride	75-01-4	1.30E+01	1.85E+01	2.70E-02	1.11E+00	2.30E+00	2.60E+02	2.60E+02
Benzoic Acid	65-85-0	4.05E+06	6.00E-01	1.54E-06	6.31E-05	4.37E+05	8.09E+07	8.09E+07
n-Butylbenzene	104-51-8	3.08E+02	2.02E+04	1.30E-02	5.33E-01	1.25E+04	6.15E+03	1.25E+04
Dimethylphthalate	131-11-3	3.56E+06	4.10E+01	5.78E-07	2.37E-05	6.71E+05	7.11E+07	7.11E+07
Phenanthrene	85-01-8	2.40E+03	3.33E+04	2.30E-05	9.43E-04	1.60E+05	4.80E+04	1.60E+05
Fluoranthene	206-44-0	1.80E+01	1.08E+05	1.61E-05	6.60E-04	3.89E+03	3.60E+02	3.89E+03
Silver, dissolved	7440-22-4	1.10E+04	NA	NA	0.00E+00	0.00E+00	2.20E+05	2.20E+05
Silver, total	7440-22-4	1.10E+04	NA	NA	0.00E+00	0.00E+00	2.20E+05	2.20E+05
Mercury, dissolved	7439-97-6	1.80E-03	NA	7.10E-03	0.00E+00	0.00E+00	3.60E-02	3.60E-02
Mercury, total	7439-97-6	1.80E-03	NA	7.10E-03	0.00E+00	0.00E+00	3.60E-02	3.60E-02
Acetone	67-64-1	4.50E+05	5.81E-01	3.88E-05	1.59E-03	4.85E+04	9.00E+06	9.00E+06
Anthracene	120-12-7	2.40E+03	2.97E+04	6.50E-05	2.67E-03	1.43E+05	4.80E+04	1.43E+05
Arsenic, dissolved	7440-38-2	2.80E+02	NA	NA	0.00E+00	0.00E+00	5.60E+03	5.60E+03
Arsenic, total	7440-38-2	2.80E+02	NA	NA	0.00E+00	0.00E+00	5.60E+03	5.60E+03
Barium, dissolved	7440-39-3	1.60E+05	NA	NA	0.00E+00	0.00E+00	3.20E+06	3.20E+06
Barium, total	7440-39-3	1.60E+05	NA	NA	0.00E+00	0.00E+00	3.20E+06	3.20E+06
Benzene	71-43-2	3.10E+02	5.82E+01	5.55E-03	2.28E-01	7.13E+01	6.20E+03	6.20E+03
Bis (2-ethylhexyl)-phthalate	117-81-7	3.20E+01	1.50E+07	1.02E-07	4.18E-06	9.60E+05	6.40E+02	9.60E+05
Cadmium, dissolved	7440-43-9	1.30E+02	NA	NA	0.00E+00	0.00E+00	2.60E+03	2.60E+03
Cadmium, total	7440-43-9	1.30E+02	NA	NA	0.00E+00	0.00E+00	2.60E+03	2.60E+03
Carbon Disulfide	75-15-0	3.40E+04	4.59E+01	3.03E-02	1.24E+00	8.02E+03	6.80E+05	6.80E+05
Chlorobenzene	108-90-7	3.20E+03	2.20E+02	3.70E-03	1.52E-01	1.76E+03	6.40E+04	6.40E+04
4-Chloro-3-Methylphenol	59-50-7	3.90E+04	1.12E+03	4.00E-07	1.64E-05	9.15E+04	7.80E+05	7.80E+05
Chromium, dissolved	7440-47-3	9.40E+03	NA	NA	0.00E+00	0.00E+00	1.88E+05	1.88E+05
Chromium, total	7440-47-3	9.40E+03	NA	NA	0.00E+00	0.00E+00	1.88E+05	1.88E+05
Chromium, dissolved, hexavalent	18540-29-9	9.40E+03	NA	NA	0.00E+00	0.00E+00	1.88E+05	1.88E+05
Copper, dissolved	7440-50-8	6.40E+04	NA	NA	0.00E+00	0.00E+00	1.28E+06	1.28E+06
Copper, total	7440-50-8	6.40E+04	NA	NA	0.00E+00	0.00E+00	1.28E+06	1.28E+06
Cyanide, Free	57-12-5	4.80E+04	NA	NA	0.00E+00	0.00E+00	9.60E+05	9.60E+05
Di-n-Butyl phthalate	84-74-2	6.90E+02	3.40E+04	9.38E-10	3.85E-08	4.70E+04	1.38E+04	4.70E+04
Di-n-Octylphthalate	117-84-0	3.00E+02	2.41E+07	7.66E-07	3.14E-05	1.45E+07	6.00E+03	1.45E+07
1,2-Dichlorobenzene	95-50-1	1.10E+04	6.23E+02	1.90E-03	7.79E-02	1.49E+04	2.20E+05	2.20E+05
1,1-Dichloroethane	75-34-3	6.20E+04	3.13E+01	5.62E-03	2.30E-01	1.09E+04	1.24E+06	1.24E+06
1,1-Dichloroethylene	75-35-4	3.30E+04	5.82E+01	2.61E-02	1.07E+00	8.42E+03	6.60E+05	6.60E+05
cis-1,2-Dichloroethene	156-59-2	3.60E+04	3.56E+01	4.08E-03	1.67E-01	6.58E+03	7.20E+05	7.20E+05
trans-1,2-Dichloroethylene	156-60-5	2.50E+04	5.22E+01	9.38E-03	3.85E-01	5.57E+03	5.00E+05	5.00E+05
Diethylphthalate	84-66-2	4.00E+04	2.87E+02	4.50E-07	1.85E-05	2.72E+04	8.00E+05	8.00E+05
Fluorene	86-73-7	1.60E+02	1.38E+04	6.36E-05	2.61E-03	4.43E+03	3.20E+03	4.43E+03
Lead, dissolved	7439-92-1	1.90E+02	NA	NA	0.00E+00	0.00E+00	3.80E+03	3.80E+03
Lead, total	7439-92-1	1.90E+02	NA	NA	0.00E+00	0.00E+00	3.80E+03	3.80E+03
Methyl Ethyl Ketone	78-93-3	3.80E+06	1.99E+00	3.60E-05	1.48E-03	4.21E+05	7.60E+07	7.60E+07
Methylene Chloride	75-09-2	2.60E+03	1.19E+01	2.40E-03	9.84E-02	3.47E+02	5.20E+04	5.20E+04
2-Methylnaphthalene	91-57-6	1.00E+03	6.82E+03	4.99E-04	2.05E-02	1.37E+04	2.00E+04	2.00E+04
Naphthalene	91-20-3	1.20E+03	2.01E+03	4.83E-04	1.98E-02	4.95E+03	2.40E+04	2.40E+04
Nickel, dissolved	7440-02-0	2.10E+05	NA	NA	0.00E+00	0.00E+00	4.20E+06	4.20E+06
Nickel, total	7440-02-0	2.10E+05	NA	NA	0.00E+00	0.00E+00	4.20E+06	4.20E+06
Pyrene	129-00-0	1.50E+01	1.06E+05	1.10E-05	4.51E-04	3.18E+03	3.00E+02	3.18E+03
Selenium, dissolved	7782-49-2	2.70E+03	NA	NA	0.00E+00	0.00E+00	5.40E+04	5.40E+04
Selenium, total	7782-49-2	2.70E+03	NA	NA	0.00E+00	0.00E+00	5.40E+04	5.40E+04
Toluene	108-88-3	5.10E+04	1.80E+02	6.64E-03	2.72E-01	2.42E+04	1.02E+06	1.02E+06
1,2,4- Trichlorobenzene	120-82-1	9.90E+01	1.79E+03	1.42E-03	5.82E-02	3.65E+02	1.98E+03	1.98E+03
1,1,1-Trichloroethane	71-55-6	1.30E+06	1.10E+02	1.72E-02	7.05E-01	4.52E+05	2.60E+07	2.60E+07
Trichloroethylene	79-01-6	3.70E+02	1.68E+02	1.03E-02	4.22E-01	1.68E+02	7.40E+03	7.40E+03
1,2,4-Trimethylbenzene	95-63-6	3.30E+02	9.65E+02	5.87E-03	2.41E-01	6.74E+02	6.60E+03	6.60E+03
1,3,5-Trimethylbenzene	108-67-8	4.20E+03	7.08E+02	7.38E-03	3.03E-01	6.43E+03	8.40E+04	8.40E+04
Zinc, dissolved	7440-66-6	2.20E+04	NA	NA	0.00E+00	0.00E+00	4.40E+05	4.40E+05
Zinc, total	7440-66-6	2.20E+04	NA	NA	0.00E+00	0.00E+00	4.40E+05	4.40E+05

Calculations made as noted below per MDEQ Part 201 guidance for determining soil criteria to protect the GSI for potential human exposures.
Final Soil GSI is least stringent of SWPC and 20x GSI HHB values.

SWPC = Cw x (Koc x foc+((Ow+(H' x TAF x Oa)/pb)) [MDEQ 2003]

where:

Fraction Organic Content (FOC) =	0.002	HLC=	Chemical specific Henry's Law Constant (atm m3/mol)
Water Porosity (Ow) =	0.16	Unitless Henry's Law Constant (H')=	H'=HLC x 41
Air Porosity (Oa) =	0.09	Bulk Density (pb) =	1.5
Temperature Adjustment Factor (TAF) =	0.5	Concentration in water (Cw)=	GSI Human Health based

Appendix B-5
Bioaccumulation of Chemicals from Sediment

This appendix develops and presents sediment criteria for the Red Cedar River based on bioaccumulation of PCBs by carp and ingestion of carp by human receptors.

Bioaccumulation is the accumulation of contaminants in the tissue of organisms through any route, including respiration, ingestion, or direct contact with contaminated water, sediment, pore water, or dredged material (EPA 2002. *Bioaccumulation Testing and Interpretation for The Purpose of Sediment Quality Assessment: Status and Needs.* EPA-823-R-00-001. February 2000). EPA and other agency programs have identified different bioaccumulative chemicals for different purposes. EPA's Bioaccumulation Analysis Workgroup (EPA 2000) has developed a list of potential bioaccumulative chemicals of potential concern. Of these potential bioaccumulative compounds, 24 have been detected in Red Cedar River sediments at concentrations above background (Appendix B-6).

In contrast to the other chemicals measured in Red Cedar River sediment, PCBs show a great potential to biomagnify in aquatic ecosystems, and equilibrium partitioning methodology can be used to estimate a chemical specific biota-sediment accumulation factors (BSAF) for setting tissue residue-linked sediment chemical levels for the protection of human health. Mercury, primarily as methylmercury, has the potential to biomagnify in the aquatic environment, though there is a paucity of information on the most appropriate methods for developing chemical-specific BSAFs. In addition, total mercury was detected in only 5 out of 75 discrete sediment samples slightly above background concentrations (0.16 mg/kg at SE/RC-9/2; 0.19 mg/kg at SE/RC-7/2; 0.26 mg/kg at SD-L2; 0.3 mg/kg at SD-E1; 0.41 mg/kg at SD-E2), though the average detected concentration (0.061 mg/kg) is below background (0.147 mg/kg). Benzo(a)pyrene is a polycyclic aromatic hydrocarbon (PAH). In general, PAHs are rapidly metabolized and considered unlikely to biomagnify despite their high lipid solubility (Eisler, R., 1987. *Polycyclic Aromatic Hydrocarbons Hazards to Fish, Wildlife and Invertebrates: A Synoptic Review*. USFSW Biological Report 85(1.14). Contaminant Hazards Reviews. Report 14, April). PAHs are more of concern in marine and estuarine environments than in freshwater systems, where bioaccumulation in shellfish and bivalves has been observed. Thus, this evaluation of the potential for adverse human exposure to sediments through consumption of contaminated fish focuses solely on PCBs.

Development of Human-Health Based Sediment Quality Criteria

The development of tissue residue-linked sediment chemical levels for the protection of human health requires consideration of several important parameters. These include identification of the target human population to be protected, the species and portions of the fish that are consumed, and the rate of fish consumption (EPA 2000). The process for developing human health based sediment quality criteria generally followed methods presented by U.S. EPA Region 5 (Pelka, A. 1996. *Bioaccumulation Models and Applications: Setting Sediment Cleanup Goals in the Great Lakes*. National Sediment Bioaccumulation Conference). First, a target level in fish (Cfish) is calculated using basic exposure and risk equations (from Pelka 1996):

Carcinogenic Endpoint:

$$Cfish_c = (TR \times BW \times AT) / (IR \times FI \times ABS \times EF \times ED \times SF)$$

Noncarcinogenic Endpoint:

$$Cfish_{nc} = (THQ \times BW \times AT \times RfD) / (IR \times FI \times ABS \times EF \times ED)$$

Appendix B-5
Bioaccumulation of Chemicals from Sediment

Daily fish ingestion rates are average values for recreational anglers presented in the *Exposure Factors Handbook* (EPA/600/P-95-002Fa). The Exposure Eactors Handbook presents data from two studies in Michigan by West et al (1989 and 1993). The mean Michigan sport anglers fish consumption rate (based on a 1991-1992 study by West et al (1993) is 17 g/day (Table 10-84 in EPA 1997) and the mean intake of recreational fish by a 1- to 5-year-old age group is 5.63 g/day (Table 10-61 in EPA 1997). These ingestion rates are consistent with the typical ingestion rate used in the Saginaw River Risk Assessment (19.2 g/day) (Crane, J. L. 1992. A*bstract and Table of Contents to "Baseline Human Health Risk Assessment: Saginaw River, Michigan, Area of Concern,"* EPA-905-R92-008. Athens, Ga.: Environmental Research Laboratory) and the mean total fish consumption rate for the 0-9 year old age group of 6.2 g/day (Table 10-1 in EPA 1997). Based on this we believe that an ingestion rate of 17 g/day for an adult and 5.63 g/day for a child is appropriate for this site. Dietary intakes were adjusted by a factor of 0.24 to account for the consumption of trophic level 3 fish based on dietary percentages used in the *Final Water Quality Guidance for the Great Lakes System (40 CFR Part 9,122,123, 31, 132; 23 March 1995)*. The fraction of fish ingested from the contaminated area (0.1) is based on the typical fraction of fish estimated to be ingested from the Saginaw River (*Crane, J. L. 1992. Abstract and Table of Contents to "Baseline Human Health Risk Assessment: Saginaw River, Michigan, Area of Concern," EPA-905-R92-008. Athens, Ga.: Environmental Research Laboratory.* http://www.epa.gov/glnpo/acrs/EPA-905-R92-008). This trophic level and fraction ingested is appropriate for Red Cedar River because the primary game fish are carp and catfish and because game-sized fish do not inhabit this portion of the Red Cedar River year round. This part of the Red Cedar River does not and will not support an active sport fishery. Anglers would go elsewhere nearby where there are more and better sport fish. There is no evidence of an active sport fishery in this area. Finally, the stream is so small it could not support such an active fishery for long. Game-sized fish of any species were not caught in an extensive electroshocking survey of the river near the site during October 2003. The fisheries biologist professional judgment was that larger fish will not remain in a relatively small stream during colder months and that larger fish, including carp, would return in the spring. Based on our October attempts to collect fish from the river, we know that larger fish of fishable size are not present in this part of the River for about half the year. Also, in the Saginaw River Risk Assessment (Crane 1992) , (for a river where there is an active sport fishery) used a fraction ingested value of 10% for the typical exposure scenario. Thus, this fraction ingested value of 10% is used here. Toxicity data for noncancer and cancer effects of PCBs on humans were obtained from the U.S. EPA's Integrated Risk Information System (accessed October 2003).

Toxicity is determined by the exposure of an animal to bioavailable contaminants and the animal's sensitivity to the contaminant. These processes have been shown to be a function of the organism's lipid content, size, growth rate, gender, diet, and ability to metabolize or transform a given contaminant, as well as the chemical conditions of the surrounding medium (EPA 2000). Biota-sediment accumulation factors (BSAFs) are defined as the ratio of a substance's lipid-normalized concentration in tissue of an aquatic organism to its organic carbon-normalized concentration in surface sediment, in situations where the ratio does not change substantially over time, both the organism and its food are exposed, and the surface sediment is representative of average surface sediment in the vicinity of the organism (EPA 2000). To calculate an acceptable human health based sediment concentration, the target fish level is then input into a BSAF equation:

$$Cs = Cf \times TOC / (BSAF \times Lipids)$$

Appendix B-5
Bioaccumulation of Chemicals from Sediment

The biota-sediment accumulation factor (BSAF) for PCBs is a value for carp collected from the Saginaw River in Michigan (Pelka, A. 1996. *Bioaccumulation Models and Applications: Setting Sediment Cleanup Goals in the Great Lakes.* National Sediment Bioaccumulation Conference). A fraction lipid of 0.0182 was used, which is the standardized fraction lipid value for trophic level 3 fish used to derive human health criteria and values for the Great Lakes Initiative (EPA 1995). The total organic carbon content (TOC) is the average of TOC values (3.7%) for sediment samples collected in May 2003 (Appendix B-8). The calculation of human health based sediment quality criteria using the above equations is provided in Appendix B-7. The proposed sediment quality criteria is 7.68 mg/kg. Total PCB concentrations exceeded this criteria at two out of 75 sample locations (11 mg/kg at RC-3/12 and 9.18 mg/kg at E1- 0-12"). The 95UCL PCB concentration (1.2 mg.kg - presented in Appendix B-11) does not exceed this criteria, and the maximum concentration does not exceed twice this proposed criteria.

Appendix B-6
Important Bioaccumulative Compounds[a] Detected in Red Cedar River Sediment Samples

Class	Compound	CASRN
Metals and Metallic Compounds	arsenic*	7440-38-2
	cadmium	7440-43-9
	chromium VI	7440-47-3
	copper	7440-50-8
	lead	7439-92-1
	methylmercury**	22967-92-6
	nickel	7440-02-0
	selenium*	7782-49-2
	silver	7440-22-4
	zinc	7440-66-6
Low-Molecular-Weight Aromatics	acenaphthene	83-32-9
	anthracene	120-12-7
	fluorene	86-73-7
	phenanthrene	85-01-8
High-Molecular-Weight PAHs	benzo(a)anthracene	56-55-3
	benzo(a)pyrene	50-32-8
	benzo(b)fluoranthene	205-99-2
	benzo(k)fluoranthene	207-08-9
	benzo(g,h,i)perylene	191-24-2
	chrysene	218-01-9
	fluoranthene	206-44-0
	indeno(1,2,3-c,d)pyrene	193-39-5
	pyrene	129-00-0
Chlorinated Aromatic Hydrocarbons	1,2-dichlorobenzene*	95-50-1
	hexachlorobutadiene	87-68-3
	1,2,4-trichlorobenzene (TCB)*	120-82-1
PCBs (Aroclors)	Aroclor 1248	12672-29-6
	Aroclor 1254	11097-69-1
	Aroclor 1260	11096-82-5

[a] Source:
United States Environmental Protection Agency (EPA). 2000.
Bioaccumulation Testing and Interpretation for the Purpose of Sediment Quality Assessmetn Status and Needs.
Office of Solid Waste (5370W); Office of Water (4305). EPA-823-R-00-001. February 2000.

Note: Only those compounds detected in river sediment samples from the JCI-Fowlerville site are listed, though EPA (2000) lists additional bioaccumulative chemicals. Those marked with an asterick * were not detected above site-specific background concentrations.** Analysis of total mercury was performed for sediments; average detected total mercury concentration does not exceed background.

Appendix B-7
Calculating Human Health Based Sediment Quality Criteria Based on Fish Ingestion

Step 1:
Set Target Fish Tissue Level (Cf)
Carcinogenic endpoint: Cf = (TR x BW x AT) / (SF x IR x FI x ABS x EF x ED)
Noncarcinogenic endpoint: Cf = (THQ x BW x AT x RfD) / (IR x FI x ABS x EF x ED)

	Carcinogenic Endpoint		Noncarcinogenic Endpoint	
	Sport Fisher-adult		Sport Fisher-child	
Exposure Parameter	Value	Source	Value	Source
Target Risk Level (TR)/ Hazard Quotient (THQ)	1.00E-05	--	1	--
Cancer slope factor (SF) /Reference dose (RfD)	2	IRIS, 2001	2.00E-05	IRIS, 2001
Body weight - BW (kg)	70	EPA, 1989	15	EPA, 1989
Averaging time - AT (days)	25550	EPA, 1989	2190	EPA, 1989
Ingestion rate-IR (kg/day)	0.017	EFH, 1997	0.00563	EFH, 1997
Fraction TL-3 fish intake (unitless)	0.24	EPA, 1995	0.24	EPA, 1995
Fraction ingested from contaminated source- FI (unitless)	0.1	Crane 1992	0.1	Crane 1992
Absorption- ABS (%)	1	100%	1	100%
Exposure frequency- EF (day/yr)	365	EFH, 1997	365	EFH, 1997
Exposure duration - ED (yrs)	30	EPA, 1989	6	EPA, 1989
CONCENTRATION IN TL-3 FISH (mg/kg)	2.00E+00		2.22E+00	

Step 2:
Calculate Sediment Quality Criteria (Cs)
Cs-TL-3 (mg/kg) = [(toc x Cf-TL3) / (BSAF-TL3 x lipid-TL3)]

	Carcinogenic Endpoint (TR = 1E-05)					Noncarcinogenic Endpoint (HQ = 1)				
Receptor Group	Cf	toc	BSAF	lipid	Cs	Cf	toc	BSAF	lipid	Cs
Sport Fisher										
TL-3 fish	2.00E+00	0.037	0.53	0.0182	7.68E+00	2.22E+00	0.037	0.53	0.0182	8.52E+00

TL-3 = Tropic level 3 fish; 24% of recreational fish intake (EPA, 1995); TL-3 fish are the predominant fish in this section of Red Cedar River
lipid = standardized fraction lipid value for trophic level 3 fish used to derive human health criteria and values for the Great Lakes Initiative (EPA 1995)
BSAF from Pelka 1996 (Sagninaw, Michigan) for carp
TOC - Total organic carbon; Site-specific average based on 2003 sediment sampling data.

Table B-8. Average Total Organic Carbon in Sediment

Location_Id	FieldSampleID	Sample Matrix Code	Collected Date	Result	Reporting Units	Flag	Detection Limit	Compound
SD-A1	SDA1012-042303-01	m	4/23/2003	7.1	%	V	0.1	Total Organic Carbon
SD-A1	SDA11224-042303-01	m	4/23/2003	5.6	%	V	0.1	Total Organic Carbon
SD-A2	SDA2012-042303-01	m	4/23/2003	8.1	%	V	0.1	Total Organic Carbon
SD-A2	SDA21224-042303-01	m	4/23/2003	1	%	V	0.1	Total Organic Carbon
SD-A2	SDA2012-042303-02	m	4/23/2003	5.3	%	V	0.1	Total Organic Carbon
SD-A3	SDA31224-042303-01	m	4/23/2003	0.6	%	V	0.1	Total Organic Carbon
SD-A3	SDA3012-042303-01	m	4/23/2003	6	%	V	0.1	Total Organic Carbon
SDBG1	SDBG11224-041803-01	m	4/18/2003	9.2	%	V	0.1	Total Organic Carbon
SDBG1	SDBG1012-041803-01	m	4/18/2003	16	%	V	0.1	Total Organic Carbon
SDBG2	SDBG2012-041803-01	m	4/18/2003	3.1	%	V	0.1	Total Organic Carbon
SDBG2	SDBG21224-041803-01	m	4/18/2003	6.5	%	V	0.1	Total Organic Carbon
SDBG3	SDBG31224-042103-01	m	4/21/2003	0.2	%	V	0.1	Total Organic Carbon
SDBG3	SDBG3012-042103-01	m	4/21/2003	1.7	%	V	0.1	Total Organic Carbon
SDBG4	SDBG41224-042103-01	m	4/21/2003	1.5	%	V	0.1	Total Organic Carbon
SDBG4	SDBG4012-042103-01	m	4/21/2003	0.9	%	V	0.1	Total Organic Carbon
SDBG5	SDBG5012-042103-01	m	4/21/2003	5	%	V	0.1	Total Organic Carbon
SDBG5	SDBG51224-042103-01	m	4/21/2003	3.2	%	V	0.1	Total Organic Carbon
SD-C1	SDC11224-042203-01	m	4/22/2003	0.4	%	V	0.1	Total Organic Carbon
SD-C1	SDC1012-042203-01	m	4/22/2003	1	%	V	0.1	Total Organic Carbon
SD-C3	SDC31224-042203-02	m	4/22/2003	4.6	%	V	0.1	Total Organic Carbon
SD-C3	SDC31224-042203-01	m	4/22/2003	5.7	%	V	0.1	Total Organic Carbon
SD-C3	SDC3012-042203-01	m	4/22/2003	2.7	%	V	0.1	Total Organic Carbon
SD-E1	SDE11224-042203-01	m	4/23/2003	0.6	%	V	0.1	Total Organic Carbon
SD-E1	SDE1012-042203-01	m	4/22/2003	4.7	%	V	0.1	Total Organic Carbon
SD-E2	SDE2012-042203-01	m	4/22/2003	8.5	%	V	0.1	Total Organic Carbon
SD-E2	SDE21224-042203-01	m	4/22/2003	9.2	%	V	0.1	Total Organic Carbon
SD-E3	SDE31224-042203-01	m	4/22/2003	0.8	%	V	0.1	Total Organic Carbon
SD-E3	SDE3012-042203-01	m	4/22/2003	3.7	%	V	0.1	Total Organic Carbon
SD-J1	SDJ11224-042203-02	m	4/22/2003	0.5	%	V	0.1	Total Organic Carbon
SD-J1	SDJ1012-042203-01	m	4/22/2003	3.3	%	V	0.1	Total Organic Carbon
SD-J1	SDJ11224-042203-01	m	4/22/2003	0.5	%	V	0.1	Total Organic Carbon
SD-J3	SDJ3012-042203-01	m	4/22/2003	3.8	%	V	0.1	Total Organic Carbon
SD-J3	SDJ31224-042203-01	m	4/22/2003	4.4	%	V	0.1	Total Organic Carbon
SD-L1	SDL1012 052003-01	m	5/20/2003	6.2	%	V	0.1	Total Organic Carbon
SD-L1	SDL11224 052003-01	m	5/20/2003	1	%	V	0.1	Total Organic Carbon
SD-L1	SDL1012 052003-02	m	5/20/2003	5.7	%	V	0.1	Total Organic Carbon
SD-L2	SDL2012 052003-01	m	5/20/2003	1.3	%	V	0.1	Total Organic Carbon
SD-L3	SDL3012 052003-01	m	5/20/2003	0.3	%	V	0.1	Total Organic Carbon
SD-L3	SDL31224 052003-01	m	5/20/2003	7.2	%	V	0.1	Total Organic Carbon
SD-M1	SDM1012 052003-01	m	5/20/2003	1	%	V	0.1	Total Organic Carbon
SD-M1	SDM11224 052003-01	m	5/20/2003	0.3	%	V	0.1	Total Organic Carbon
SD-M2	SDM2012 052003-01	m	5/20/2003	2.3	%	V	0.1	Total Organic Carbon
SD-M2	SDM21224 052003-01	m	5/20/2003	1.6	%	V	0.1	Total Organic Carbon
SD-M3	SDM3012 052003-01	m	5/20/2003	2.9	%	V	0.1	Total Organic Carbon
SD-M3	SDM31224 052003-01	m	5/20/2003	2.5	%	V	0.1	Total Organic Carbon
			Average	3.7				

Table B-9. Concentrations for Sediment Samples

Location	Field ID:	Date Sampled:	Depth (ft):	PCB, Total (µg/kg)
SE/RC-1/12	SE/RC-1/12	4/1/1991	6 - 12	**450**
SE/RC-1/3	SE/RC-1/3	4/1/1991	0 - 3	**80**
SE/RC-10/1	SE/RC-10/1	1/1/1994	0 - 3	38
SE/RC-10/2	SE/RC-10/2	1/1/1994	6 - 12	38
SE/RC-2/12	SE/RC-2/12	4/1/1991	6 - 12	**27**
SE/RC-2/3	SE/RC-2/3	4/1/1991	0 - 3	**800**
SE/RC-3/12	SE/RC-3/12	4/1/1991	6 - 12	**4900**
SE/RC-3/12	SE/RC-6/12	4/1/1991	6 - 12	**11000**
SE/RC-3/3	SE/RC-3/3	4/1/1991	0 - 3	560
SE/RC-4/12	SE/RC-4/12	4/1/1991	6 - 12	**78**
SE/RC-4/3	SE/RC-4/3	4/1/1991	0 - 3	**230**
SE/RC-5/12	SE/RC-5/12	4/1/1991	6 - 12	**89**
SE/RC-5/3	SE/RC-5/3	4/1/1991	0 - 3	**6500**
SE/RC-6/1	SE/RC-6/1	1/1/1994	6 - 12	63
SE/RC-6/2	SE-RC-6/2	1/1/1994	6 - 12	48
SE/RC-7/1	SE/RC-7/1	1/1/1994	0 - 3	**258**
SE/RC-7/2	SE/RC-7/2	1/1/1994	6 - 12	**590**
SE/RC-8/1	SE/RC-8/1	1/1/1994	0 - 3	**130**
SE/RC-8/2	SE/RC-8/2	1/1/1994	6 - 12	**87**
SE/RC-9/1	SE/RC-9/1	1/1/1994	0 - 3	**440**
SE/RC-9/2	SE/RC-9/2	1/1/1994	6 - 12	**700**
SE/RC-14/1	SRC-14/136787	9/18/2000	0 - 0	11.5
SE/RC-15/1	SRC-15/136787	9/18/2000	0 - 0	**21**
SE/RC-15/2	SRC-15/236787	9/18/2000	0 - 0	**44**
SE/RC-16/1	SRC-16/136787	9/18/2000	0 - 0	**33**
SE/RC-17/1	SRC-17/136787	9/18/2000	0 - 0	**310**
SE/RC-17/2	SRC-17/236787	9/18/2000	0 - 0	**105**
SE/RC-18/1	SRC-18/136787	9/18/2000	0 - 0	11.5
SE/RC-19/1	SRC-19/136787	9/18/2000	0 - 0	**25**
SE/RC-19/2	SRC-19/236787	9/18/2000	0 - 0	**67**
SE/RC-20/1	SRC-20/136787	9/18/2000	0 - 0	10.5
SE/RC-21/1	SRC-21/136787	9/18/2000	0 - 0	**9.6**
SE/RC-21/2	SRC-21/236787	9/18/2000	0 - 0	**5.4**
SE/RC-22/1	SRC-22/136787	9/18/2000	0 - 0	13
SE/RC-22/2	SRC-22/236787	9/18/2000	0 - 0	11
SE/RC-22A/1	SRC-22A/136787	9/18/2000	0 - 0	**138**
SE/RC-22A/2	SRC-22A/236787	9/18/2000	0 - 0	**130**
SE/RC-23/1	SRC-23/1 DEP36787	9/18/2000	0 - 0	**17**
SE/RC-23/2	SRC-23/236787	9/18/2000	0 - 0	10
SO/RC-23/1	SRC-23/136787	9/18/2000	0 - 0	10.5

Table B-9. Concentrations for Sediment Samples

Location	Field ID:	Date Sampled:	Depth (ft):	PCB, Total (µg/kg)
SD-A1	SDA1012-042303-01	4/23/2003	0 - 12	**18**
SD-A1	SDA11224-042303-01	4/23/2003	12 - 24	165
SD-A2	SDA2012-042303-01	4/23/2003	0 - 12	165
SD-A2	SDA2012-042303-02	4/23/2003	0 - 12	165
SD-A2	SDA21224-042303-01	4/23/2003	12 - 24	165
SD-A3	SDA3012-042303-01	4/23/2003	0 - 12	165
SD-A3	SDA31224-042303-01	4/23/2003	12 - 24	165
SDB1	SDB1-0016-101703-01	10/17/2003	0 - 16	**26**
SDB2	SDB2-0016-101703-01	10/17/2003	0 - 16	**67**
SDB3	SDB3-0012-101703-01	10/17/2003	0 - 12	165
SDB3	SDB3-1228-101703-01	10/17/2003	12 - 28	165
SDB3	SDB3-1228-101703-02	10/17/2003	12 - 28	165
SDB3	SDB3-3642-101703-01	10/17/2003	36 - 42	165
SD-C1	SDC1012-042203-01	4/22/2003	0 - 12	165
SD-C1	SDC11224-042203-01	4/22/2003	12 - 24	165
SDC2	SDC2-0013-101703-01	10/17/2003	0 - 13	165
SD-C3	SDC3012-042203-01	4/22/2003	0 - 12	165
SD-C3	SDC31224-042203-01	4/22/2003	12 - 24	**5.2**
SD-C3	SDC31224-042203-02	4/22/2003	12 - 24	165
SDC3	SDC3-4248-101703-01	10/17/2003	42 - 48	165
SDD1	SDD1-0006-101603-01	10/16/2003	0 - 6	165
SDD2	SDD2-0007-101603-01	10/16/2003	0 - 7	**16**
SDD2	SDD2-2430-101703-01	10/17/2003	24 - 30	165
SDD3	SDD3-0012-101603-01	10/16/2003	0 - 12	165
SD-E1	SDE1012-042203-01	4/22/2003	0 - 12	**9180**
SD-E1	SDE11224-042203-01	4/23/2003	12 - 24	**12**
SDE1	SDE1-3642-101703-01	10/17/2003	36 - 42	**16**
SD-E2	SDE2012-042203-01	4/22/2003	0 - 12	**560**
SD-E2	SDE21224-042203-01	4/22/2003	12 - 24	**4900**
SD-E3	SDE3012-042203-01	4/22/2003	0 - 12	**262**
SD-E3	SDE31224-042203-01	4/22/2003	12 - 24	**34**
SDF1	SDF1-0012-101603-01	10/16/2003	0 - 12	**12**

Table B-9. Concentrations for Sediment Samples

Location	Field ID:	Date Sampled:	Depth (ft):	PCB, Total (µg/kg)
SDF1	SDF1-1224-101603-01	10/16/2003	12 - 24	165
SDF2	SDF2-0012-101603-01	10/16/2003	0 - 12	**320**
SDF2	SDF2-1226-101603-01	10/16/2003	12 - 26	**11**
SDF3	SDF3-0012-101603-01	10/16/2003	0 - 12	**44**
SDF3	SDF3-1222-101603-01	10/16/2003	12 - 22	165
SD-G1	SDG1-0012-101603-01	10/16/2003	0 - 12	165
SD-G1	SDG1-1228-101603-01	10/16/2003	12 - 28	165
SD-G1	SDG1-1228-101603-02	10/16/2003	12 - 28	165
SD-G2	SDG2-0012-101603-01	10/16/2003	0 - 12	17
SD-G2	SDG2-1227-101603-01	10/16/2003	12 - 27	165
SD-G2	SDG2-1227-101603-02	10/16/2003	12 - 27	165
SD-G3	SDG3-0014-101603-01	10/16/2003	0 - 14	**15**
SD-H1	SDHI-0012-101603-01	10/16/2003	0 - 12	23
SD-H1	SDHI-1224-101603-01	10/16/2003	12 - 0	67
SD-H1	SDHI-2436-101603-01	10/16/2003	24 - 36	165
SD-H2	SDH2-0012-101603-01	10/16/2003	0 - 12	49
SD-H2	SDH2-1224-101603-01	10/16/2003	12 - 0	120
SD-H2	SDH2-2445-101603-01	10/16/2003	24 - 45	165
SD-H2	SDH2-2445-101603-02	10/16/2003	24 - 45	165
SD-H3	SDH3-0012-101603-01	10/16/2003	0 - 12	27
SD-H3	SDH3-1221-101603-01	10/16/2003	12 - 21	165
SD-I1	SDI1-0012-101503-01	10/15/2003	0 - 12	165
SD-I1	SDI1-1224-101503-01	10/15/2003	12 - 0	165
SD-I1	SDI1-2445-101503-01	10/15/2003	24 - 45	165
SD-I1	SDI1-2445-101503-02	10/15/2003	24 - 45	165
SD-I2	SDI2-0012-101503-01	10/15/2003	0 - 12	165
SD-I2	SDI2-1224-101503-01	10/15/2003	12 - 0	165
SD-I2	SDI2-2436-101503-01	10/15/2003	24 - 36	165
SD-I3	SDI3-0012-101503-01	10/15/2003	0 - 12	165
SD-I3	SDI3-1231-101503-01	10/15/2003	12 - 31	165
SD-I3	SDI3-1231-101503-02	10/15/2003	12 - 31	165
SD-J1	SDJ1012-042203-01	4/22/2003	0 - 12	**126**

Table B-9. Concentrations for Sediment Samples

Location	Field ID:	Date Sampled:	Depth (ft):	PCB, Total (µg/kg)
SD-J1	SDJ11224-042203-01	4/22/2003	12 - 24	7
SD-J1	SDJ11224-042203-02	4/22/2003	12 - 24	165
SD-J2	SDJ2-0012-101503-01	10/15/2003	0 - 12	165
SD-J2	SDJ2-1224-101503-01	10/15/2003	12 - 0	165
SD-J3	SDJ3012-042203-01	4/22/2003	0 - 12	**22.4**
SD-J3	SDJ31224-042203-01	4/22/2003	12 - 24	165
SD-K1	SDK1-0012-101503-01	10/15/2003	0 - 12	22
SD-K2	SDK2-0012-101503-01	10/15/2003	0 - 12	165
SD-K2	SDK2-1224-101503-01	10/15/2003	12 - 0	165
SD-K1	SDK1-1224-101503-01	10/15/2003	12 - 0	165
SD-K3	SDK3-0012-101503-01	10/15/2003	0 - 12	165
SD-K3	SDK3-1224-101503-01	10/15/2003	12 - 0	165
SD-L1	SDL1012 052003-01	5/20/2003	0 - 12	**38**
SD-L1	SDL1012 052003-02	5/20/2003	0 - 12	**33**
SD-L1	SDL11224 052003-01	5/20/2003	12 - 24	165
SD-L2	SDL2012 052003-01	5/20/2003	0 - 12	**52**
SD-L3	SDL3012 052003-01	5/20/2003	0 - 12	165
SD-L3	SDL31224 052003-01	5/20/2003	12 - 24	165
SD-M1	SDM1012 052003-01	5/20/2003	0 - 12	165
SD-M1	SDM11224 052003-01	5/20/2003	12 - 24	165
SD-M2	SDM2012 052003-01	5/20/2003	0 - 12	**66**
SD-M2	SDM21224 052003-01	5/20/2003	12 - 24	165
SD-M3	SDM3012 052003-01	5/20/2003	0 - 12	165
SD-M3	SDM31224 052003-01	5/20/2003	12 - 24	165

165 -analytical was below method detection limit and therefore not detected. One-half of the detection limit was used for these calculations.

38 -analyte was detected at listed concentration of micrograms per kilograms (µg/kg)

Note 1: Background samples were not included in these calculations.

Appendix B-10
Surface Soils - 95% UCL Calculations for Chemicals That Exceeded Criteria at Discrete Sample Locations
Johnson Controls, Inc.
Former Stanley Tools

Analyte	Units	Number of Observations	Minimum	Maximum	Mean	Median	Normal Standard Deviation	Coefficient of Variation	Skewness	Variance	Lognormal Standard Deviation	95% UCL	Comments	Exceedance by 95% UCL?
		No Units Applicable	See Analyte	See Analyte	See Analyte	See Analyte	No Units Applicable	No Units Applicable	No Units Applicable	No Units Applicable	No Units Applicable	See Analyte		
Arsenic, Total	mg/kg	99	1.3	44	9.710101	5.4	9.959013	1.025634	1.765637	99.181938	0.894446	14.07	Non-Parametric. Pro UCL Guidance stated a lognormal Standard Deviation of 0.5 to 1.0 requires the use of 95% Chebyshev (Mean, Standard)	GSIP, GSIP-HHB, and Above Background.
Barium, Total	mg/kg	76	9.6	254	73.82105	52.65	64.97288	0.88014	1.405682	4221.4748	0.870036193	93.01	Lognormal Distribution. 95% H-UCL	Above Background.
Cadmium, Total	mg/kg	88	0.016	2.2	0.464875	0.2825	0.507197	1.091039	1.599718	0.2572484	1.121092165	0.65	Lognormal Distribution. 95% H-UCL	None Noted.
Copper, Total	mg/kg	94	1.6	5040	80.26915	13	517.8937	6.451965	9.647838	268213.93	1.135829877	413.86	Non Parametric. Due to lognormal standard Deviation of (1.0, 2.0) the USEPA ProUCL Guidance reccommended 97.5% Chebyshec (Mean, Standard).	GSIP and Above Background.
Lead, Total	mg/kg	88	0.5	104	11.79602	7.25	15.70997	1.331802	3.70992	246.80323	1.043881708	15.51	Lognormal Distribution. 95% H-UCL	GSIP-HHB.
Nickel, Total	mg/kg	90	2.5	66	17.28444	13.2	13.14923	0.760755	2.156107	172.90223	0.613739925	19.25	Lognormal Distribution. 95% H-UCL	None Noted.
Selenium, Total	mg/kg	84	0.11	2.6	0.5525	0.32	0.549023	0.993707	2.157257	0.3014262	0.786951794	0.81	Non-Parametric. Pro UCL Guidance stated a lognormal Standard Deviation of 0.5 to 1.0 requires the use of 95% Chebyshev (Mean, Standard)	GSIP and Above Background.
Silver, Total	mg/kg	68	0.018	2	0.198456	0.086	0.336705	1.696623	3.657834	0.1133702	0.986352382	0.38	Non-Parametric. Pro UCL Guidance stated a lognormal Standard Deviation of 0.5 to 1.0 requires the use of 95% Chebyshev (Mean, Standard)	None Noted.
Zinc, Total	mg/kg	99	9.1	1780	91.82424	49	185.6371	2.021657	7.895654	34461.148	0.992339649	104.58	Lognormal Distribution. 95% H-UCL	Above Background.
Chromium(VI)	mg/kg	96	0.13	57	5.418542	1	8.675526	1.601081	3.091225	75.264745	1.342933873	10.95	Non Parametric. Due to lognormal standard Deviation of (1.0, 2.0) the USEPA ProUCL Guidance reccommended 97.5% Chebyshec (Mean, Standard).	GSIP.
Mercury, Total	mg/kg	80	0.0088	0.2	0.05441	0.05	0.038005	0.698492	1.595757	0.0014444	0.715813092	0.07	Non-Parametric. Pro UCL Guidance stated a lognormal Standard Deviation of 0.5 to 1.0 requires the use of 95% Chebyshev (Mean, Standard)	GSIP-HHB.
Methylene chloride	µg/kg	71	1.5	230	87.37746	75	67.31599	0.770404	0.185297	4531.442	1.444009695	137.27	Non Parametric. Due to lognormal standard Deviation of (1.0, 2.0) the USEPA ProUCL Guidance reccommended 97.5% Chebyshec (Mean, Standard).	Residential Drinking Water.

Appendix B-10
Surface Soils - 95% UCL Calculations for Chemicals That Exceeded Criteria at Discrete Sample Locations
Johnson Controls, Inc.
Former Stanley Tools

Analyte	Units	Number of Observations	Minimum	Maximum	Mean	Median	Normal Standard Deviation	Coefficient of Variation	Skewness	Variance	Lognormal Standard Deviation	95% UCL	Comments	Exceedance by 95% UCL?
		No Units Applicable	See Analyte	See Analyte	See Analyte	See Analyte	No Units Applicable	No Units Applicable	No Units Applicable	No Units Applicable	No Units Applicable	See Analyte		
Trichloroethene	µg/kg	64	2.75	270	35.71797	30.25	31.86063	0.892006	6.493387	1015.0998	0.619663893	53.08	Non-Parametric. Pro UCL Guidance stated a lognormal Standard Deviation of 0.5 to 1.0 requires the use of 95% Chebyshev (Mean, Standard)	None Noted.
Fluoranthene	µg/kg	74	3	9400	291.0608	88.5	1129.573	3.880884	7.513908	1275936	1.6182759	1,111.09	Non Parametric. Due to lognormal standard Deviation of (1.0, 2.0) the USEPA ProUCL Guidance reccommended 97.5% Chebyshec (Mean, Standard).	None Noted.
Pyrene	µg/kg	74	2	7300	233.0851	33	875.1317	3.754558	7.519683	765855.48	1.723458815	868.40	Non Parametric. Due to lognormal standard Deviation of (1.0, 2.0) the USEPA ProUCL Guidance reccommended 97.5% Chebyshec (Mean, Standard).	None Noted.
Cyanide, Total	mg/kg	113	0.025	4.8	0.300581	0.14	0.525919	1.749679	6.230194	0.2765912	1.110973462	0.61	Non Parametric. Due to lognormal standard Deviation of (1.0, 2.0) the USEPA ProUCL Guidance reccommended 97.5% Chebyshec (Mean, Standard).	GSIP and Above Background.

µg/kg - Concentration in units of micrograms analyte per kilogram of material
mg/kg - Concentration in units of milligrams analyte per kilogram of material

Appendix B-11
Background Soil Statistics
Johnson Controls, Inc.
Former Stanley Tools

Parameter	n	Distribution	Rationale	Outlier evaluation	Min (mg/Kg)	Max (mg/Kg)	Mean (mg/Kg)	Standard Deviation	Background UTL (mean + 3 std dev) (mg/Kg)	Background UTL (highest value in data set) (mg/Kg)
Metals										
Aluminum, Total	6	Nornal	Passed tests for normality and for lognormality	None detected	180	3710	2072	1247	**5810**	NA
Arsenic, Total	19	Lognormal	Failed tests for normality. Passed tests for lognormality	None detected	1.2	35.8	10.7	8.63	**36.6**	NA
Barium, Total	19	Lognormal	Failed tests for normality. Passed tests for lognormality	None detected	6.6	178	47.3	38.6	**163**	NA
Cadmium, Total	19	Lognormal	Failed tests for normality. Passed tests for lognormality	None detected	0.16	2	0.49	0.45	**1.85**	NA
Chromium, Total	19	Lognormal	Failed tests for normality. Passed tests for lognormality	None detected	3.6	14	6.88	2.83	**15.4**	NA
Chromium, VI	10	Cannot be determined	All non-detect	NA	NA	NA	NA	NA	NA	NA
Copper, Total	16	Lognormal	Failed tests for normality. Passed tests for lognormality	None detected	2.7	21.7	8.77	5.72	**25.9**	NA
Cyanide, Total	19	Cannot be determined	>50% non-detect	NA	0.02	0.87	0.24	0.22	NA	**0.87**
Lead, Total	19	Lognormal	Passed tests for normality and for lognormality	None detected	1.7	17	8.11	4.49	**21.6**	NA
Mercury, Total	19	Normal	Passed tests for normality. Failed tests for lognormality	None detected	0.015	0.12	0.058	0.03	**0.147**	NA
Nickel, Total	16	Lognormal	Failed tests for normality. Passed tests for lognormality	None detected	4.3	15	7.73	2.58	**15.5**	NA
Selenium, Total	19	Lognormal	Failed tests for normality. Passed tests for lognormality	None detected	0.12	2.4	0.65	0.55	**2.32**	NA
Silver, Total	16	Cannot be determined	Failed tests for normality and for lognormality	NA	0.02	1	0.32	0.39	NA	**1**
Zinc, Total	16	Lognormal	Failed tests for normality. Passed tests for lognormality	None detected	12	96	36.1	24.7	**110**	NA

Appendix B-11
Background Soil Statistics
Johnson Controls, Inc.
Former Stanley Tools

Parameter	n	Distribution	Rationale	Outlier evaluation	Min (mg/Kg)	Max (mg/Kg)	Mean (mg/Kg)	Standard Deviation	Background UTL (mean + 3 std dev) (mg/Kg)	Background UTL (highest value in data set) (mg/Kg)
Semivolatiles										
Benzo(a)anthracene	7	Lognormal	Passed tests for normality and for lognormality	None detected	30	230	103	66.6	**303**	NA
Benzo(a)pyrene	10	Lognormal	Failed tests for normality. Passed tests for lognormality	None detected	37	110	110.4	73.85	**332**	NA
Benzo(b)fluoranthene	9	Lognormal	Failed tests for normality. Passed tests for lognormality	None detected	54	260	114.2	64.3	**307**	NA
Benzo(g.h.I)perylene	19	Cannot be determined	>50% nondetect	NA	35	160	NA	NA	NA	**160**
Benzo(k)fluoranthene	19	Cannot be determined	>50% nondetect	NA	69	270	NA	NA	NA	**270**
Benzoic Acid	10	Cannot be determined	>50% nondetect	NA	150	320	NA	NA	NA	**320**
Bis-(2-ethylhexyl)phthala	15	Cannot be determined	Failed tests for normality and for lognormality	NA	25	110	NA	NA	NA	**110**
Chrysene	19	Cannot be determined	>50% nondetect	NA	42	350	NA	NA	NA	**350**
Dimethylphthalate	19	Cannot be determined	>50% nondetect	NA	38	38	NA	NA	NA	**38**
Di-n-butylphthalate	19	Cannot be determined	>50% nondetect	NA	35	220	NA	NA	NA	**220**
Fluoranthene	12	Normal	Passed tests for normality. Failed tests for lognormality	None detected	22	560	182	149	**631**	NA
Ideno(1,2,3-cd)pyrene	19	Cannot be determined	>50% nondetect	NA	32	160	NA	NA	NA	**160**
Naphthalene	7	Lognormal	Failed tests for normality. Passed tests	One outlier detected (63	8	63	19.86	19.63	**78.7**	NA
Phenanthrene	10	Cannot be determined	>50% nondetect	NA	40	240	NA	NA	NA	**240**
Pyrene	11	Normal	Passed tests for normality. Failed tests for lognormality	None detected	27	430	120	117	**518**	NA
Volatiles										
1,1-Dichloroethane	16	Cannot be determined	>50% nondetect	NA	5.8	5.8	NA	NA	NA	**5.8**
1,2-Dichloroethene	6	Cannot be determined	>50% nondetect	NA	30	81	NA	NA	NA	**81**

Appendix B-11
Background Soil Statistics
Johnson Controls, Inc.
Former Stanley Tools

Parameter	n	Distribution	Rationale	Outlier evaluation	Min (mg/Kg)	Max (mg/Kg)	Mean (mg/Kg)	Standard Deviation	Background UTL (mean + 3 std dev) (mg/Kg)	Background UTL (highest value in data set) (mg/Kg)
1,2,3-Trichlorobenzene	10	Cannot be determined	>50% nondetect	NA	41	41	NA	NA	NA	**41**
1,2,4-Trichlorobenzene	10	Cannot be determined	>50% nondetect	NA	13	41	NA	NA	NA	**41**
1,2,4-Trimethylbenzene	10	Cannot be determined	>50% nondetect	NA	11	24	NA	NA	NA	**24**
4-Isopropyltoluene	10	Cannot be determined	>50% nondetect	NA	23	23	NA	NA	NA	**23**
Acrolein	6	Cannot be determined	>50% nondetect	NA	5.2	5.2	NA	NA	NA	**5.2**
Acetone	10	Lognormal	Failed tests for normality. Passed tests for lognormality	None detected	290	690	413	116	**761**	NA
Chloroform	19	Cannot be determined	>50% nondetect	NA	11	22	NA	NA	NA	**22**
Chloromethane	10	Lognormal	Failed tests for normality. Passed tests for lognormality	None detected	15	44	23	9	**49.5**	NA
Hexachlorobutadiene	10	Cannot be determined	>50% nondetect	NA	27	16	NA	NA	NA	**160**
Methyl Ethyl Ketone	10	Lognormal	Failed tests for normality. Passed tests for lognormality	None detected	86	220	186	110	**517**	NA
n-Butylbenzene	10	Cannot be determined	>50% nondetect	NA	45	45	NA	NA	NA	**45**
sec-Butylbenzene	10	Cannot be determined	>50% nondetect	NA	27	27	NA	NA	NA	**27**
Styrene	10	Cannot be determined	>50% nondetect	NA	13	13	NA	NA	NA	**13**
Toluene	16	Cannot be determined	>50% nondetect	NA	2.5	3	NA	NA	NA	**3.2**
Trichloroethene	16	Cannot be determined	>50% nondetect	NA	9.4	11	NA	NA	NA	**11**

Appendix B-12
Average Concentration of PCB in Sediment: Summary Statistics

Number Samples	128
Detects	66
Minimum	5.20
Maximum	1.100E+04
Mean	419
Median	165
Normal Standard Deviation	1.479E+03
Coefficient of Variation	2.186E+06
Skewness	3.53
Variance	5.59
Lognormal Standard Deviation	1.42
Non-Parametric, CLT 95% UCL	634
Non-Parametric, Jackknife 95% UCL	636
Non-Parametric, Standard Bootstrap 95% UCL	633
Non-Parametric, Bootstrap-t 95% UCL	803
Non-Parametric, Chebyshev (Mean Standard) 95% UCL	989
Lognormal, H-Statistic 95% UCL	380
Lognormal, Chebyshev (MVUE) 95% UCL	472
Non-Parametric, Chebyshev (Mean Standard) 97.5% UCL	1,235
Comments	MDEQ recommends the lognormal H-Statistic.

Note 1: All units are in micrograms of chemical per kilogram of sediment (µg/kg).

C

APPENDIX C

DETECTION LIMITS EVALUATION

APPENDIX C

GROUNDWATER AND GEOPROBE GROUNDWATER DETECTION LEVELS vs. CRITERIA

Location	Field ID	Date Sampled	On-Site/ Off-Site	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethene	1,2,3-Trichloropropane	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2-Hexanone	4-Methyl-2-pentanone	Acetone
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
			Contact Criteria:	4700	21000	11000	84000	19000	56000	390	160000	19000	16000	61000	2000	6400	5200000	13000000	31000000
			GSI:	78	330	65	NL	30	17	NL	16	360	290	45	38	13	NL	NL	1700
			GSI Human Health Based:	NL	NL	33000	NL	99	330	NL	11000	NL	NL	4200	NL	240	NL	NL	450000
			Residential Drinking Water:	8.5	5	7	42	70	63	0.2	600	5	5	72	6.6	75	1000	1800	730
			Volatilization to Indoor Air:	77000	110000	1300	NL	300000	56000	1200	160000	59000	36000	61000	NL	74000	8700000	20000000	1000000000
GW32	GW32-1417- 102803-01	10/28/2003	Off-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
GW33	GW33-0609- 102803-01	10/28/2003	Off-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-01	MW01- 090903-01	9/9/2003	On-Site	50 U	50 U	---	50 U	250 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	2500 U	2500 U	---
MW-01	MW01- 090903-02	9/9/2003	On-Site	50 U	50 U	50 U	50 U	250 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	2500 U	2500 U	---
MW-01	MW01- 110503-01	11/5/2003	On-Site	50 U	50 U	50 U	50 U	250 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	2500 U	2500 U	1300 U
MW-02	EW-14- 110603-01	11/6/2003	On-Site	25 U	25 U	25 U	---	130 U	25 U	25 U	25 U	25 U	25 U	---	25 U	25 U	1300 U	---	---
MW-02	MW02- 090903-01	9/9/2003	On-Site	25 U	25 U	---	---	130 U	25 U	25 U	25 U	25 U	25 U	---	25 U	25 U	1300 U	---	---
MW-03	MW03- 090903-01	9/9/2003	On-Site	10 U	10 U	10 U	---	50 U	---	10 U	---	10 U	10 U	---	10 U	---	---	---	---
MW-03	MW03- 110603-01	11/6/2003	On-Site	10 U	10 U	10 U	---	50 U	---	10 U	---	10 U	10 U	---	10 U	---	---	---	---
MW-03C	MW03C- 093003-01	9/30/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-03C	MW03C- 110603-01	11/6/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-04	MW04- 090903-01	9/9/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-04	MW04- 110503-01	11/5/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-05	MW05- 090903-01	9/9/2003	On-Site	50 U	50 U	50 U	50 U	250 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	2500 U	2500 U	---
MW-05	MW05- 110503-01	11/5/2003	On-Site	50 U	50 U	50 U	50 U	250 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	2500 U	2500 U	1300 U
MW-06	MW06- 091003-01	9/10/2003	On-Site	10 U	10 U	10 U	---	50 U	---	10 U	---	10 U	10 U	---	10 U	---	---	---	---
MW-06	MW06- 110503-01	11/5/2003	On-Site	---	---	---	---	---	---	5 U	---	---	---	---	---	---	---	---	---
MW-06	MW06- 110503-02	11/5/2003	On-Site	---	---	---	---	---	---	5 U	---	---	---	---	---	---	---	---	---
MW-07	MW07- 091003-01	9/10/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-07	MW07- 110503-01	11/5/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-08	MW08- 100203-01	10/2/2003	On-Site	---	---	---	---	---	---	2 U	---	---	---	---	---	---	---	---	---
MW-08	MW08- 110403-01	11/4/2003	On-Site	---	---	---	---	---	---	2 U	---	---	---	---	---	---	---	---	---
MW-09	MW09- 100103-01	10/1/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-09	MW09- 110503-01	11/5/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-09B	MW09B- 100103-01	10/1/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-09B	MW09B- 110603-01	11/6/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-09C	MW09C- 100103-01	10/1/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-09C	MW09C- 100103-02	10/1/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-09C	MW09C- 110603-01	11/6/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-0S1	MW-0S1- 110403-01	11/4/2003	Off-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-0S1	MW051- 100303-01	10/3/2003	Off-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-0S1C	MW-0S1C- 110403-01	11/4/2003	Off-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-0S1C	MW051C- 091103-01	9/11/2003	Off-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-0S3	MW-0S3- 110603-01	11/6/2003	Off-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-0S3	MW-0S3- 110603-02	11/6/2003	Off-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-0S3	MW053- 100303-01	10/3/2003	Off-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-0S3C	MW-0S3C- 110503-01	11/5/2003	Off-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-0S3C	MW-0S3C- 110503-02	11/5/2003	Off-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-0S3C	MW053C- 091003-01	9/10/2003	Off-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-0S3C	MW053C- 100303-01	10/3/2003	Off-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-10	MW10- 100103-01	10/1/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-10	MW10- 110503-01	11/5/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-11	MW11- 091003-01	9/10/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-11	MW11- 110503-01	11/5/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-12	MW12- 091003-01	9/10/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-13	MW-13- 091103-01	9/11/2003	Off-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-13	MW-13- 110403-01	11/4/2003	Off-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-13C	MW-13C 110403-02	11/4/2003	Off-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-13C	MW-13C- 110403-01	11/4/2003	Off-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-13C	MW13C- 091103-01	9/11/2003	Off-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-14	MW14- 093003-01	9/30/2003	Off-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-14	MW14- 100603-01	10/6/2003	Off-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-14	MW14- 110503-01	11/5/2003	Off-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-14C	MW14C- 093003-01	9/30/2003	Off-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-14C	MW14C- 110503-01	11/5/2003	Off-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-15	MW-15- 110303-01	11/3/2003	Off-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-15	MW15- 091103-01	9/11/2003	Off-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-15C	MW-15C- 110303-01	11/3/2003	Off-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-15C	MW15C- 091103-01	9/11/2003	Off-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-15C	MW15C- 091103-02	9/11/2003	Off-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-17	MW17- 100203-01	10/2/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-17	MW17- 110403-01	11/4/2003	On-Site	---	---	---	---	---	---	5 U	---	---	---	---	---	---	---	---	---
MW-18	MW-18- 110403-01	11/4/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---

APPENDIX C

GROUNDWATER AND GEOPROBE GROUNDWATER DETECTION LEVELS vs. CRITERIA

Location	Field ID	Date Sampled	On-Site/ Off-Site	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethene	1,2,3-Trichloropropane	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2-Hexanone	4-Methyl-2-pentanone	Acetone
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
			Contact Criteria:	4700	21000	11000	84000	19000	56000	390	160000	19000	16000	61000	2000	6400	5200000	13000000	31000000
			GSI:	78	330	65	NL	30	17	NL	16	360	290	45	38	13	NL	NL	1700
			GSI Human Health Based:	NL	NL	33000	NL	99	330	NL	11000	NL	NL	4200	NL	240	NL	NL	450000
			Residential Drinking Water:	8.5	5	7	42	70	63	0.2	600	5	5	72	6.6	75	1000	1800	730
			Volatilization to Indoor Air:	77000	110000	1300	NL	300000	56000	1200	160000	59000	36000	61000	NL	74000	8700000	20000000	1000000000
MW-18	MW18- 100103-01	10/1/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-19	MW19- 100303-01	10/3/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-19	MW19- 100303-02	10/3/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-19	MW19- 110403-01	11/4/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-20	MW-20- 110403-01	11/4/2003	Off-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-20	MW20- 100303-01	10/3/2003	Off-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-21	MW21- 010804-01	1/8/2004	On-Sote	---	---	---	---	---	---	1.0 U	---	---	---	---	---	---	---	---	---
MW-22	MW-22- 110303-01	11/3/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-22	MW22- 100201-01	10/2/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-23	MW-23- 110303-01	11/3/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-23	MW23- 100303-01	10/3/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-23	MW23- 100303-02	10/3/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-25	MW25- 100203-01	10/2/2003	On-Site	10 U	10 U	10 U	---	50 U	---	10 U	---	10 U	10 U	---	10 U	---	---	---	---
MW-25	MW25- 110503-01	11/5/2003	On-Site	10 U	10 U	10 U	---	50 U	---	10 U	---	10 U	10 U	---	10 U	---	---	---	---
MW-26	MW26- 100203-01	10/2/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-26	MW26- 110403-01	11/4/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-27	MW27- 122903-01	12/29/2003	Off-Site	---	---	---	---	---	---	1.0 U	---	---	---	---	---	---	---	---	---
MW-27C	MW-27C- 122903-01	12/29/2003	Off-Site	---	---	---	---	---	---	1.0 U	---	---	---	---	---	---	---	---	---
MW-28	MW28- 122903-01	12/29/2003	Off-Site	---	---	---	---	---	---	1.0 U	---	---	---	---	---	---	---	---	---
MW-28C	MW28C- 122903-01	12/29/2003	Off-Site	---	---	---	---	---	---	1.0 U	---	---	---	---	---	---	---	---	---
MW-29	MW29- 123003-01	12/30/2003	Off-Site	---	---	---	---	---	---	1.0 U	---	---	---	---	---	---	---	---	---
MW-29C	MW29C- 123003-01	12/30/2003	Off-Site	---	---	---	---	---	---	1.0 U	---	---	---	---	---	---	---	---	---
MW-29C	MW29C- 123003-02	12/30/2003	Off-Site	---	---	---	---	---	---	1.0 U	---	---	---	---	---	---	---	---	---
MW-A2	MWA2- 100303-01	10/3/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-B1	MWB1- 100203-01	10/2/2003	On-Site	---	---	---	---	---	---	5 U	---	---	---	---	---	---	---	---	---
MW-B2	MWB2- 100203-01	10/2/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-B4	MWB4- 100203-01	10/2/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-BCK1	MW-BCK-1- 100103-01	10/1/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-BCK2	MW-BCK-2- 100103-01	10/1/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-BCK3	MW-BCK-3- 100103-01	10/1/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-C2	MWC2- 100203-01	10/2/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-E2	MWE2- 100303-01	10/3/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-F2	MWF2- 100201-01	10/2/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-F5	MWF5- 100303-01	10/3/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-F5	MWF5- 100303-02	10/3/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-G1	MWG1- 100303-01	10/3/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-G4	MWG4- 100303-01	10/3/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-J2	MWJ2- 100203-01	10/2/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-J3	MWJ3- 100203-01	10/2/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
OE01 Water	OE01-11-13 062603-01	6/26/2003	Off-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
OE02	OE02-08-10 062703-01	6/27/2003	Off-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
OE02	OE02-12-14 062703-01	6/27/2003	Off-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
OE03	OE03-0611- 070703-01	7/7/2003	Off-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
OE04	OE04-13-15 062703-01	6/27/2003	Off-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
OE05	OE05-0712- 070703-01	7/7/2003	Off-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
OE06	OE06-0308- 070703-01	7/7/2003	Off-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
OE07	OE07-0914- 070703-01	7/7/2003	Off-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
OE07	OE07-0914- 070703-02	7/7/2003	Off-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
OE07	OE07-16-18 062603-01	6/26/2003	Off-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
OE08	OE08-06-08 062603-01	6/26/2003	Off-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-OS1	OS1- 071703-01	7/17/2003	Off-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
MW-OS3	OS3- 071703-01	7/17/2003	Off-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---
OW16	OW16- 101703-01	10/17/2003	On-Site	---	---	---	---	---	---	1 U	---	---	---	---	---	---	---	---	---

NOTES:

U - Undetected.

NL - A standard values was not listed for this compound.

--- Standards not exceeded.

APPENDIX C

GROUNDWATER AND GEOPROBE GROUNDWATER DETECTION LEVELS vs. CRITERIA

Location	Field ID	Date Sampled	On-Site/ Off-Site	Benzene	Bromo benzene	Bromo methane	Carbon tetra chloride	Chloro benzene	Ethyl benzene	Ethylene dibromide	Hexachlorobu tadiene	Methyl tert butyl ether	Methylene chloride	Naphtha lene	Tetrachloroet hene	Vinyl chloride	3,3-Dichloro benzidine	Benzidine	Hexachlorobe nzene	Penta chloro phenol	Mercury, Total	Mercury, Dissolved	Cyanide, Free
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l
			Contact Criteria:	11000	12000	70000	4600	86000	170000	25	400	610000	220000	31000	12000	1000	180	7.1	4.6	200	0.056	0.056	57
			GSI:	200	NL	35	45	47	18	1	5	730	940	13	45	15	0.3	NL	NL	NL	0.0000013	0.0000013	0.0052
			GSI Human Health Based:	310	NL	NL	NL	3200	NL	NL	NL	NL	2600	1200	NL	13	NL	NL	NL	NL	0.0000018	0.0000018	48
			Residential Drinking Water:	5	18	10	5	100	74	1	15	40	5	520	5	2	1.1	0.3	1	1	0.002	0.002	0.2
			Volatilization to Indoor Air:	35000	390000	9000	2400	470000	170000	15000	3200	47000000	1400000	31000	170000	13000	NL	NL	3000	NL	0.056	0.056	NL
GW32	GW32-1417- 102803-01	10/28/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GW33	GW33-0609- 102803-01	10/28/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-01	MW01- 090903-01	9/9/2003	On-Site	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	250 U	---	250 U	50 U	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-01	MW01- 090903-02	9/9/2003	On-Site	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	250 U	---	250 U	50 U	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-01	MW01- 110503-01	11/5/2003	On-Site	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	250 U	---	250 U	50 U	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-02	EW-14- 110603-01	11/6/2003	On-Site	25 U	25 U	25 U	25 U	---	25 U	25 U	25 U	130 U	---	130 U	25 U	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-02	MW02- 090903-01	9/9/2003	On-Site	25 U	25 U	25 U	25 U	---	25 U	25 U	25 U	130 U	---	130 U	25 U	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-03	MW03- 090903-01	9/9/2003	On-Site	10 U	---	---	10 U	---	---	10 U	10 U	50 U	---	50 U	10 U	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-03	MW03- 110603-01	11/6/2003	On-Site	10 U	---	---	10 U	---	---	10 U	10 U	50 U	---	50 U	10 U	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-03C	MW03C- 093003-01	9/30/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-03C	MW03C- 110603-01	11/6/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-04	MW04- 090903-01	9/9/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-04	MW04- 110503-01	11/5/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-05	MW05- 090903-01	9/9/2003	On-Site	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	250 U	---	250 U	50 U	50 U	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-05	MW05- 110503-01	11/5/2003	On-Site	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	250 U	---	250 U	50 U	50 U	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-06	MW06- 091003-01	9/10/2003	On-Site	10 U	---	---	10 U	---	---	10 U	10 U	50 U	---	50 U	10 U	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-06	MW06- 110503-01	11/5/2003	On-Site	---	---	---	---	---	---	5 U	---	---	---	25 U	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-06	MW06- 110503-02	11/5/2003	On-Site	---	---	---	---	---	---	5 U	---	---	---	25 U	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-07	MW07- 091003-01	9/10/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-07	MW07- 110503-01	11/5/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-08	MW08- 100203-01	10/2/2003	On-Site	---	---	---	---	---	---	2 U	10 U	---	10 U	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-08	MW08- 110403-01	11/4/2003	On-Site	---	---	---	---	---	---	2 U	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-09	MW09- 100103-01	10/1/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-09	MW09- 110503-01	11/5/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	0.0002 U	---
MW-09B	MW09B- 100103-01	10/1/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-09B	MW09B- 110603-01	11/6/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-09C	MW09C- 100103-01	10/1/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-09C	MW09C- 100103-02	10/1/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-09C	MW09C- 110603-01	11/6/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-0S1	MW-0S1- 110403-01	11/4/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	0.0002 U	---
MW-0S1	MW051- 100303-01	10/3/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-0S1C	MW-0S1C- 110403-01	11/4/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-0S1C	MW051C- 091103-01	9/11/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-0S3	MW-0S3- 110603-01	11/6/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-0S3	MW-0S3- 110603-02	11/6/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-0S3	MW053- 100303-01	10/3/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-0S3C	MW-0S3C- 110503-01	11/5/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-0S3C	MW-0S3C- 110503-02	11/5/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-0S3C	MW053C- 091003-01	9/10/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-0S3C	MW053C- 100303-01	10/3/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-10	MW10- 100103-01	10/1/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-10	MW10- 110503-01	11/5/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-11	MW11- 091003-01	9/10/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-11	MW11- 110503-01	11/5/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-12	MW12- 091003-01	9/10/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-13	MW-13- 091103-01	9/11/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-13	MW-13- 110403-01	11/4/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-13C	MW-13C 110403-02	11/4/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-13C	MW-13C- 110403-01	11/4/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-13C	MW13C- 091103-01	9/11/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	0.0002 U	---
MW-14	MW14- 093003-01	9/30/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-14	MW14- 100603-01	10/6/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-14	MW14- 110503-01	11/5/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-14C	MW14C- 093003-01	9/30/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-14C	MW14C- 110503-01	11/5/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-15	MW-15- 110303-01	11/3/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	0.0002 U	---
MW-15	MW15- 091103-01	9/11/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-15C	MW-15C- 110303-01	11/3/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-15C	MW15C- 091103-01	9/11/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-15C	MW15C- 091103-02	9/11/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-17	MW17- 100203-01	10/2/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-17	MW17- 110403-01	11/4/2003	On-Site	---	---	---	---	---	---	5 U	---	---	---	25 U	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-18	MW-18- 110403-01	11/4/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---

APPENDIX C

GROUNDWATER AND GEOPROBE GROUNDWATER DETECTION LEVELS vs. CRITERIA

Location	Field ID	Date Sampled	On-Site/ Off-Site	Benzene	Bromo benzene	Bromo methane	Carbon tetra chloride	Chloro benzene	Ethyl benzene	Ethylene dibromide	Hexachlorobu tadiene	Methyl tert butyl ether	Methylene chloride	Naphtha lene	Tetrachloroet hene	Vinyl chloride	3,3-Dichloro benzidine	Benzidine	Hexachlorobe nzene	Penta chloro phenol	Mercury, Total	Mercury, Dissolved	Cyanide, Free
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l
			Contact Criteria:	11000	12000	70000	4600	86000	170000	25	400	610000	220000	31000	12000	1000	180	7.1	4.6	200	0.056	0.056	57
			GSI:	200	NL	35	45	47	18	1	5	730	940	13	45	15	0.3	NL	NL	NL	0.0000013	0.0000013	0.0052
			GSI Human Health Based:	310	NL	NL	NL	3200	NL	NL	NL	NL	2600	1200	NL	13	NL	NL	NL	NL	0.0000018	0.0000018	48
			Residential Drinking Water:	5	18	10	5	100	74	1	15	40	5	520	5	2	1.1	0.3	1	1	0.002	0.002	0.2
			Volatilization to Indoor Air:	35000	390000	9000	2400	470000	170000	15000	3200	47000000	1400000	31000	170000	13000	NL	NL	3000	NL	0.056	0.056	NL
MW-18	MW18- 100103-01	10/1/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-19	MW19- 100303-01	10/3/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-19	MW19- 100303-02	10/3/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-19	MW19- 110403-01	11/4/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-20	MW-20- 110403-01	11/4/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-20	MW20- 100303-01	10/3/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-21	MW21- 010804-01	1/8/2004	On-Sote	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5.0 U	20 U	---	0.0002 U	---
MW-22	MW-22- 110303-01	11/3/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-22	MW22- 100201-01	10/2/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-23	MW-23- 110303-01	11/3/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-23	MW23- 100303-01	10/3/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-23	MW23- 100303-02	10/3/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-25	MW25- 100203-01	10/2/2003	On-Site	10 U	---	---	10 U	---	---	10 U	50 U	50 U	50 U	50 U	10 U	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-25	MW25- 110503-01	11/5/2003	On-Site	10 U	---	---	10 U	---	---	10 U	10 U	50 U	---	50 U	10 U	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-26	MW26- 100203-01	10/2/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-26	MW26- 110403-01	11/4/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-27	MW27- 122903-01	12/29/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5.0 U	20 U	---	---	---
MW-27C	MW-27C- 122903-01	12/29/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5.0 U	20 U	---	---	---
MW-28	MW28- 122903-01	12/29/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5.0 U	20 U	---	---	---
MW-28C	MW28C- 122903-01	12/29/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5.0 U	20 U	---	---	---
MW-29	MW29- 123003-01	12/30/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5.0 U	20 U	---	---	---
MW-29C	MW29C- 123003-01	12/30/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5.0 U	20 U	---	---	---
MW-29C	MW29C- 123003-02	12/30/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5.0 U	20 U	---	---	---
MW-A2	MWA2- 100303-01	10/3/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-B1	MWB1- 100203-01	10/2/2003	On-Site	---	---	---	---	---	---	5 U	25 U	---	25 U	25 U	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-B2	MWB2- 100203-01	10/2/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-B4	MWB4- 100203-01	10/2/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-BCK1	MW-BCK-1- 100103-01	10/1/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-BCK2	MW-BCK-2- 100103-01	10/1/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	0.0002 U	---
MW-BCK3	MW-BCK-3- 100103-01	10/1/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-C2	MWC2- 100203-01	10/2/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-E2	MWE2- 100303-01	10/3/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-F2	MWF2- 100201-01	10/2/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-F5	MWF5- 100303-01	10/3/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-F5	MWF5- 100303-02	10/3/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-G1	MWG1- 100303-01	10/3/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
MW-G4	MWG4- 100303-01	10/3/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	0.0002 U	---
MW-J2	MWJ2- 100203-01	10/2/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	0.0002 U	---
MW-J3	MWJ3- 100203-01	10/2/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	---
OE01 Water	OE01-11-13 062603-01	6/26/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
OE02	OE02-08-10 062703-01	6/27/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
OE02	OE02-12-14 062703-01	6/27/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
OE03	OE03-0611- 070703-01	7/7/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
OE04	OE04-13-15 062703-01	6/27/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
OE05	OE05-0712- 070703-01	7/7/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
OE06	OE06-0308- 070703-01	7/7/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
OE07	OE07-0914- 070703-01	7/7/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
OE07	OE07-0914- 070703-02	7/7/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
OE07	OE07-16-18 062603-01	6/26/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
OE08	OE08-06-08 062603-01	6/26/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-OS1	OS1- 071703-01	7/17/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	0.05 U
MW-OS3	OS3- 071703-01	7/17/2003	Off-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	20 U	50 U	5 U	20 U	0.0002 U	---	0.05 U
OW16	OW16- 101703-01	10/17/2003	On-Site	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

NOTES:

U - Undetected.
NL - A standard values was not listed for this compound.
--- Standards not exceeded.

APPENDIX C

SURFACE WATER
DETECTION LEVELS vs. CRITERIA

			Mercury, Total	Mercury, Dissolved
			mg/l	mg/l
		GSI Human Health Based:	0.0000018	0.0000018
Location	FieldID	Date Sampled		
SW01	SW01-0909- 102303-01	10/23/2003	0.0002 U	0.0002 U
SW02	SW02-1111- 102303-01	10/23/2003	0.0002 U	0.0002 U
SW03	SW03-1111- 102303-01SW0	10/23/2003	0.0002 U	0.0002 U
SW03	SW03-1111- 102303-02	10/23/2003	0.0002 U	0.0002 U
SW04	SW04-1212- 102203-01SW0	10/22/2003	0.0002 U	0.0002 U
SW05	SW05-1212- 102203-01SW0	10/22/2003	0.0002 U	0.0002 U
SW06	SW06-1111- 102203-01SW0	10/22/2003	0.0002 U	0.0002 U
SW07	SW07-0202- 102203-01SW0	10/22/2003	0.0002 U	0.0002 U
SW08	SW08-0101- 102903-01	10/29/2003	0.0002 U	0.0002 U

NOTES:

U - Undetected.

APPENDIX C

SURFACE AND SUBSURFACE SOILS
DETECTION LEVELS vs. CRITERIA

			1,1,2-Trichloro ethane	1,1-Dichloro ethene	1,2-Dibromo-3-chloro propane	1,2-Dichloro ethane	1,2-Dichloro propane	Benzene	Bromo methane	Carbon tetra chloride	Hexachloro butadiene	Methyl tert butyl ether	Methylene chloride	Tetrachloro ethene	Trichloro ethene	Vinyl chloride	1,2-Dichloro benzene	1,3-Dichloro benzene
		Units:	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
		Residential Drinking Water Protection:	100	140	4	100	100	100	200	100	26000	800	100	100	100	40	14000	170
		GSI Protection:	6600	1300	NL	7200	5800	4000	700	900	330	15000	19000	900	4000	300	360	1100
		GSI Protection - Human Health Based:	NL	660000	NL	NL	NL	6200	NL	NL	NL	NL	52000	NL	7400	260	220000	NL
		Groundwater Contact Criteria Protection:	420000	220000	1200	380000	320000	220000	1400000	92000	350000	5900000	2300000	88000	440000	20000	210000	51000
		Infinite Soil Volatilization:	57000	3700	15000	21000	30000	45000	13000	12000	460000	30000000	700000	600000	260000	29000	46000000	NL
		Particulate Soil Inhalation:	250000000	78000000	5900000	150000000	120000000	470000000	150000000	170000000	180000000	88000000000	8300000000	6800000000	2300000000	890000000	44000000000	NL
		Industrial Soil Direct Contact Criteria:	840000	570000	1200	420000	550000	400000	1000000	390000	350000	5900000	2300000	88000	500000	34000	210000	170000
		Statewide Default Background:	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
ocation	FieldID	Date Sampled																
	BC21-0506- 073103-01	7/31/2003	---	---	56 U	---	---	---	---	---	---	---	280 U	---	---	56 U	---	330 U
	BC22-0506- 073103-01	7/31/2003	---	---	50 U	---	---	---	---	---	---	---	250 U	---	---	50 U	---	330 U
	EF01-0305- 090503-01	9/5/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	EF03-0305- 090503-01	9/5/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	ET12-0506- 073003-01	7/30/2003	---	---	55 U	---	---	---	---	---	---	---	---	---	---	55 U	---	330 U
	FF27-0506- 090503-01	9/5/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
5	GG25-0204 071003-01	7/10/2003	---	---	57 U	---	---	---	---	---	570 U	---	290 U	---	---	57 U	380 U	380 U
8	GG28-0406 071003-01	7/10/2003	---	---	53 U	---	---	---	---	---	530 U	---	280 U	---	---	53 U	370 U	370 U
1	GG316-6.3 041403-01	4/14/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2	GG32-0204 071103-01	7/11/2003	---	---	67 U	---	---	---	---	---	670 U	---	330 U	---	---	67 U	370 U	370 U
3	GG336-6.5 041403-01	4/14/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4	GG34-0406- 090503-01	9/5/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
5	GG356-6.5 041403-01	4/14/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
6	GG36-0507 071003-01	7/10/2003	---	---	55 U	---	---	---	---	---	550 U	---	270 U	---	---	55 U	360 U	360 U
7	GG376-6.5 041403-01	4/14/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	II26-0406 071003-01	7/10/2003	---	---	54 U	---	---	---	---	---	540 U	---	270 U	---	---	54 U	370 U	370 U
	II316-6.5 041103-01	4/11/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	II316-6.5 041103-02	4/11/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	II336-6.5 041103-01	4/11/2003	---	---	58 U	---	---	---	290 U	---	580 U	---	---	---	---	58 U	---	---
	II34-0204 071003-01	7/10/2003	---	---	54 U	---	---	---	---	---	540 U	---	280 U	---	---	54 U	370 U	370 U
	II356-6.5 041103-01	4/11/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	II376-6.5 041103-01	4/11/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	II38-0507 071003-01	7/10/2003	---	---	56 U	---	---	---	---	---	560 U	---	280 U	---	---	56 U	370 U	370 U
	II396-6.5 041103-01	4/11/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
5	KK25-2545 071003-01	7/10/2003	---	---	59 U	---	---	---	---	---	590 U	---	290 U	---	---	59 U	380 U	380 U
8	KK28-0406 071003-01	7/10/2003	---	---	55 U	---	---	---	---	---	550 U	---	280 U	---	---	55 U	370 U	370 U
1	KK316-6.5 041103-01	4/11/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2	KK32-1503 071003-01	7/10/2003	---	---	56 U	---	---	---	---	---	560 U	---	290 U	---	---	56 U	390 U	390 U
3	KK332-4 041103-01	4/11/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
5	KK356-6.5 041103-01	4/11/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
6	KK36-0507 071103-01	7/11/2003	---	---	56 U	---	---	---	---	---	560 U	---	280 U	---	---	56 U	380 U	380 U
7	KK376-6.5 041103-01	4/11/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9	KK396-6.5 041103-01	4/11/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
22	MD22-0203- 081903-01	8/19/2003	---	---	67 U	---	---	---	---	---	330 U	---	330 U	---	---	67 U	---	330 U
23	MD23-0304- 081903-01	8/19/2003	---	---	57 U	---	---	---	---	---	---	---	280 U	---	---	57 U	---	330 U
25	MD25-0203- 081903-01	8/19/2003	---	---	60 U	---	---	---	---	---	---	---	300 U	---	---	60 U	---	330 U
35	MD35-0304- 090903-01	9/9/2003	---	---	56 U	---	---	---	---	---	---	---	280 U	---	---	56 U	---	330 U
36	MD36-0304- 090903-01	9/9/2003	---	---	58 U	---	---	---	---	---	---	---	290 U	---	---	58 U	---	330 U
37	MD37-0203- 090903-01	9/9/2003	---	---	56 U	---	---	---	---	---	---	---	280 U	---	---	56 U	---	330 U
45	MD45-0304- 091003-01	9/10/2003	---	---	59 U	---	---	---	---	---	---	---	120 U	---	---	59 U	---	330 U
46	MD46-0405- 091003-01	9/10/2003	---	---	55 U	---	---	---	---	---	---	---	110 U	---	---	55 U	---	330 U
54	MD54-0203- 091003-01	9/10/2003	---	---	52 U	---	---	---	---	---	---	---	---	---	---	52 U	---	330 U
55	MD55-0304- 091003-01	9/10/2003	---	---	54 U	---	---	---	---	---	---	---	---	---	---	54 U	---	330 U
56	MD56-0203- 091003-01	9/10/2003	---	---	54 U	---	---	---	---	---	---	---	---	---	---	54 U	---	330 U
57	MD57-0304- 091003-01	9/10/2003	---	---	58 U	---	---	---	---	---	---	---	---	---	---	58 U	---	330 U
58	MD58-0405- 091103-01	9/11/2003	---	---	59 U	---	---	---	---	---	---	---	---	---	---	59 U	---	330 U
59	MD59-0304- 091103-01	9/11/2003	---	---	76 U	---	---	---	---	---	380 U	---	---	---	---	76 U	---	330 U
60	MD60-0203- 091103-01	9/11/2003	140 U	140 U	140 U	140 U	140 U	140 U	---	140 U	700 U	1400 U	140 U	140 U	140 U	140 U	---	330 U

APPENDIX C

SURFACE AND SUBSURFACE SOILS
DETECTION LEVELS vs. CRITERIA

Location	FieldID	Date Sampled	1,1,2-Trichloro ethane	1,1-Dichloro ethene	1,2-Dibromo-3-chloro propane	1,2-Dichloro ethane	1,2-Dichloro propane	Benzene	Bromo methane	Carbon tetra chloride	Hexachloro butadiene	Methyl tert butyl ether	Methylene chloride	Tetrachloro ethene	Trichloro ethene	Vinyl chloride	1,2-Dichloro benzene	1,3-Dichloro benzene
		Units:	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
		Residential Drinking Water Protection:	100	140	4	100	100	100	200	100	26000	800	100	100	100	40	14000	170
		GSI Protection:	6600	1300	NL	7200	5800	4000	700	900	330	15000	19000	900	4000	300	360	1100
		GSI Protection - Human Health Based:	NL	660000	NL	NL	NL	6200	NL	NL	NL	NL	52000	NL	7400	260	220000	NL
		Groundwater Contact Criteria Protection:	420000	220000	1200	380000	320000	220000	1400000	92000	350000	5900000	2300000	88000	440000	20000	210000	51000
		Infinite Soil Volatilization:	57000	3700	15000	21000	30000	45000	13000	12000	460000	30000000	700000	600000	260000	29000	46000000	NL
		Particulate Soil Inhalation:	250000000	78000000	5900000	150000000	120000000	470000000	150000000	170000000	180000000	88000000000	8300000000	6800000000	2300000000	890000000	44000000000	NL
		Industrial Soil Direct Contact Criteria:	840000	570000	1200	420000	550000	400000	1000000	390000	350000	5900000	2300000	88000	500000	34000	210000	170000
		Statewide Default Background:	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
BC21	BC21-0506- 073103-01	7/31/2003	---	---	56 U	---	---	---	---	---	---	---	280 U	---	---	56 U	---	330 U
BC22	BC22-0506- 073103-01	7/31/2003	---	---	50 U	---	---	---	---	---	---	---	250 U	---	---	50 U	---	330 U
EF01	EF01-0305- 090503-01	9/5/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
EF03	EF03-0305- 090503-01	9/5/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
ET12	ET12-0506- 073003-01	7/30/2003	---	---	55 U	---	---	---	---	---	---	---	---	---	---	55 U	---	330 U
FF27	FF27-0506- 090503-01	9/5/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GG25	GG25-0204 071003-01	7/10/2003	---	---	57 U	---	---	---	---	---	570 U	---	290 U	---	---	57 U	380 U	380 U
GG28	GG28-0406 071003-01	7/10/2003	---	---	53 U	---	---	---	---	---	530 U	---	280 U	---	---	53 U	370 U	370 U
GG31	GG316-6.3 041403-01	4/14/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GG32	GG32-0204 071103-01	7/11/2003	---	---	67 U	---	---	---	---	---	670 U	---	330 U	---	---	67 U	370 U	370 U
GG33	GG336-6.5 041403-01	4/14/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GG34	GG34-0406- 090503-01	9/5/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GG35	GG356-6.5 041403-01	4/14/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GG36	GG36-0507 071003-01	7/10/2003	---	---	55 U	---	---	---	---	---	550 U	---	270 U	---	---	55 U	360 U	360 U
GG37	GG376-6.5 041403-01	4/14/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
II26	II26-0406 071003-01	7/10/2003	---	---	54 U	---	---	---	---	---	540 U	---	270 U	---	---	54 U	370 U	370 U
II31	II316-6.5 041103-01	4/11/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
II31	II316-6.5 041103-02	4/11/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
II33	II336-6.5 041103-01	4/11/2003	---	---	58 U	---	---	---	290 U	---	580 U	---	---	---	---	58 U	---	---
II34	II34-0204 071003-01	7/10/2003	---	---	54 U	---	---	---	---	---	540 U	---	280 U	---	---	54 U	370 U	370 U
II35	II356-6.5 041103-01	4/11/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
II37	II376-6.5 041103-01	4/11/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
II38	II38-0507 071003-01	7/10/2003	---	---	56 U	---	---	---	---	---	560 U	---	280 U	---	---	56 U	370 U	370 U
II39	II396-6.5 041103-01	4/11/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
KK25	KK25-2545 071003-01	7/10/2003	---	---	59 U	---	---	---	---	---	590 U	---	290 U	---	---	59 U	380 U	380 U
KK28	KK28-0406 071003-01	7/10/2003	---	---	55 U	---	---	---	---	---	550 U	---	280 U	---	---	55 U	370 U	370 U
KK31	KK316-6.5 041103-01	4/11/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
KK32	KK32-1503 071003-01	7/10/2003	---	---	56 U	---	---	---	---	---	560 U	---	290 U	---	---	56 U	390 U	390 U
KK33	KK332-4 041103-01	4/11/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
KK35	KK356-6.5 041103-01	4/11/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
KK36	KK36-0507 071103-01	7/11/2003	---	---	56 U	---	---	---	---	---	560 U	---	280 U	---	---	56 U	380 U	380 U
KK37	KK376-6.5 041103-01	4/11/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
KK39	KK396-6.5 041103-01	4/11/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MD22	MD22-0203- 081903-01	8/19/2003	---	---	67 U	---	---	---	---	---	330 U	---	330 U	---	---	67 U	---	330 U
MD23	MD23-0304- 081903-01	8/19/2003	---	---	57 U	---	---	---	---	---	---	---	280 U	---	---	57 U	---	330 U
MD25	MD25-0203- 081903-01	8/19/2003	---	---	60 U	---	---	---	---	---	---	---	300 U	---	---	60 U	---	330 U
MD35	MD35-0304- 090903-01	9/9/2003	---	---	56 U	---	---	---	---	---	---	---	280 U	---	---	56 U	---	330 U
MD36	MD36-0304- 090903-01	9/9/2003	---	---	58 U	---	---	---	---	---	---	---	290 U	---	---	58 U	---	330 U
MD37	MD37-0203- 090903-01	9/9/2003	---	---	56 U	---	---	---	---	---	---	---	280 U	---	---	56 U	---	330 U
MD45	MD45-0304- 091003-01	9/10/2003	---	---	59 U	---	---	---	---	---	---	---	120 U	---	---	59 U	---	330 U
MD46	MD46-0405- 091003-01	9/10/2003	---	---	55 U	---	---	---	---	---	---	---	110 U	---	---	55 U	---	330 U
MD54	MD54-0203- 091003-01	9/10/2003	---	---	52 U	---	---	---	---	---	---	---	---	---	---	52 U	---	330 U
MD55	MD55-0304- 091003-01	9/10/2003	---	---	54 U	---	---	---	---	---	---	---	---	---	---	54 U	---	330 U
MD56	MD56-0203- 091003-01	9/10/2003	---	---	54 U	---	---	---	---	---	---	---	---	---	---	54 U	---	330 U
MD57	MD57-0304- 091003-01	9/10/2003	---	---	58 U	---	---	---	---	---	---	---	---	---	---	58 U	---	330 U
MD58	MD58-0405- 091103-01	9/11/2003	---	---	59 U	---	---	---	---	---	---	---	---	---	---	59 U	---	330 U
MD59	MD59-0304- 091103-01	9/11/2003	---	---	76 U	---	---	---	---	---	380 U	---	---	---	---	76 U	---	330 U
MD60	MD60-0203- 091103-01	9/11/2003	140 U	140 U	140 U	140 U	140 U	140 U	---	140 U	700 U	1400 U	140 U	140 U	140 U	140 U	---	330 U
MD61	MD61-0203- 091103-01	9/11/2003	---	---	97 U	---	---	---	---	---	490 U	970 U	---	---	---	97 U	---	330 U
MD62	MD62-0203- 091103-01	9/11/2003	120 U	---	120 U	120 U	120 U	120 U	---	120 U	590 U	1200 U	120 U	120 U	120 U	120 U	---	330 U
MD65	MD65-0203- 091103-01	9/11/2003	---	---	91 U	---	---	---	---	---	460 U	910 U	---	---	---	91 U	---	330 U
MD66	MD66-0203- 091103-01	9/11/2003	---	---	65 U	---	---	---	---	---	---	---	---	---	---	65 U	---	330 U
MD70	MD70-0304- 091103-01	9/11/2003	---	---	66 U	---	---	---	---	---	330 U	---	---	---	---	66 U	---	330 U
MD71	MD71-0203- 091103-01	9/11/2003	---	---	72 U	---	---	---	---	---	360 U	---	---	---	---	72 U	---	330 U
MD72	MD72-0304- 091103-01	9/11/2003	---	---	57 U	---	---	---	---	---	---	---	---	---	---	57 U	---	330 U
MD73	MD73-0304- 091103-01	9/11/2003	---	---	54 U	---	---	---	---	---	---	---	---	---	---	54 U	---	330 U
MD74	MD74-0405- 091103-01	9/11/2003	---	---	56 U	---	---	---	---	---	---	---	---	---	---	56 U	---	330 U
MD74	MD74-0405- 091103-02	9/11/2003	---	---	57 U	---	---	---	---	---	---	---	---	---	---	57 U	---	330 U
MD75	MD75-0203- 091103-01	9/11/2003	---	---	58 U	---	---	---	---	---	---	---	---	---	---	58 U	---	330 U
MD76	MD76-0203- 091103-01	9/11/2003	---	---	55 U	---	---	---	---	---	---	---	---	---	---	55 U	---	330 U
MD77	MD77-0506- 091103-01	9/11/2003	---	---	57 U	---	---	---	---	---	---	---	---	---	---	57 U	---	330 U
MD78	MD78-0304- 091103-01	9/11/2003	---	---	59 U	---	---	---	---	---	---	---	---	---	---	59 U	---	330 U
MD79	MD79-0405- 091103-01	9/11/2003	---	---	59 U	---	---	---	---	---	---	---	---	---	---	59 U	---	330 U
MD80	MD80-0203- 091103-01	9/11/2003	---	---	50 U	---	---	---	---	---	---	---	---	---	---	50 U	---	330 U
MD81	MD81-0304- 091203-01	9/12/2003	---	---	57 U	---	---	---	---	---	---	---	---	---	---	57 U	---	330 U

APPENDIX C

SURFACE AND SUBSURFACE SOILS
DETECTION LEVELS vs. CRITERIA

Location	FieldID	Date Sampled	1,1,2-Trichloro ethane	1,1-Dichloro ethene	1,2-Dibromo-3-chloro propane	1,2-Dichloro ethane	1,2-Dichloro propane	Benzene	Bromo methane	Carbon tetra chloride	Hexachloro butadiene	Methyl tert butyl ether	Methylene chloride	Tetrachloro ethene	Trichloro ethene	Vinyl chloride	1,2-Dichloro benzene	1,3-Dichloro benzene
		Units:	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
		Residential Drinking Water Protection:	100	140	4	100	100	100	200	100	26000	800	100	100	100	40	14000	170
		GSI Protection:	6600	1300	NL	7200	5800	4000	700	900	330	15000	19000	900	4000	300	360	1100
		GSI Protection - Human Health Based:	NL	660000	NL	NL	NL	6200	NL	NL	NL	NL	52000	NL	7400	260	220000	NL
		Groundwater Contact Criteria Protection:	420000	220000	1200	380000	320000	220000	1400000	92000	350000	5900000	2300000	88000	440000	20000	210000	51000
		Infinite Soil Volatilization:	57000	3700	15000	21000	30000	45000	13000	12000	460000	30000000	700000	600000	260000	29000	46000000	NL
		Particulate Soil Inhalation:	250000000	78000000	5900000	150000000	120000000	470000000	150000000	170000000	180000000	88000000000	8300000000	6800000000	2300000000	890000000	44000000000	NL
		Industrial Soil Direct Contact Criteria:	840000	570000	1200	420000	550000	400000	1000000	390000	350000	5900000	2300000	88000	500000	34000	210000	170000
		Statewide Default Background:	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
MD81	MD81-0304- 091203-02	9/12/2003	---	---	56 U	---	---	---	---	---	---	---	---	---	---	56 U	---	330 U
MD82	MD82-0405- 091203-01	9/12/2003	---	---	62 U	---	---	---	---	---	---	---	---	---	---	62 U	---	330 U
MD83	MD83-0405- 091203-01	9/12/2003	---	---	56 U	---	---	---	---	---	---	---	---	---	---	56 U	---	330 U
MD84	MD84-0405- 091203-01	9/12/2003	---	---	54 U	---	---	---	---	---	---	---	---	---	---	54 U	---	330 U
MD85	MD85-0405- 091203-01	9/12/2003	---	---	50 U	---	---	---	---	---	---	---	---	---	---	50 U	---	330 U
MD86	MD86-0405- 091203-01	9/12/2003	---	---	55 U	---	---	---	---	---	---	---	---	---	---	55 U	---	330 U
MD87	MD87-0405- 091203-01	9/12/2003	---	---	54 U	---	---	---	---	---	---	---	---	---	---	54 U	---	330 U
MD88	MD88-0608- 091603-01	9/16/2003	---	---	52 U	---	---	---	---	---	---	---	---	---	---	52 U	---	330 U
MD89	MD89-0608- 091603-01	9/16/2003	---	---	53 U	---	---	---	---	---	---	---	---	---	---	53 U	---	330 U
MD90	MD90-0608- 091603-01	9/16/2003	---	---	58 U	---	---	---	---	---	---	---	---	---	---	58 U	---	330 U
MD91	MD91-0507- 091603-01	9/16/2003	---	---	54 U	---	---	---	---	---	---	---	---	---	---	54 U	---	330 U
MD92	MD92-0406- 091603-01	9/16/2003	---	---	60 U	---	---	---	---	---	---	---	---	---	---	60 U	---	330 U
MD93	MD93-0405- 091603-01	9/16/2003	---	---	53 U	---	---	---	---	---	---	---	---	---	---	53 U	---	330 U
MD94	MD94-0405- 091603-01	9/16/2003	---	---	51 U	---	---	---	---	---	---	---	---	---	---	51 U	---	330 U
MD94	MD94-0405- 091603-02	9/16/2003	---	---	53 U	---	---	---	---	---	---	---	---	---	---	53 U	---	330 U
MD95	MD95-0606- 091603-01	9/16/2003	---	---	55 U	---	---	---	---	---	---	---	---	---	---	55 U	---	330 U
MM22	MM22-0204 071103-01	7/11/2003	---	---	65 U	---	---	---	---	---	650 U	---	320 U	---	---	65 U	400 U	400 U
MM22	MM22-0204 071103-02	7/11/2003	---	---	59 U	---	---	---	---	---	590 U	---	300 U	---	---	59 U	400 U	400 U
MM26	MM26-2545 071003-01	7/10/2003	---	---	60 U	---	---	---	---	---	600 U	---	300 U	---	---	60 U	400 U	400 U
MM30	MM30-0305 071003-01	7/10/2003	---	---	57 U	---	---	---	---	---	570 U	---	290 U	---	---	57 U	390 U	390 U
MM31	MM316-6.5 041403-01	4/14/2003	---	---	57 U	---	---	---	280 U	---	570 U	---	---	---	---	57 U	---	---
MM33	MM336-6.5 041403-01	4/14/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MM34	MM34-0455 071003-01	7/10/2003	---	---	54 U	---	---	---	---	---	540 U	---	270 U	---	---	54 U	370 U	370 U
MM35	MM356-6.5 041403-01	4/14/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MM37	MM376-6.5 041103-01	4/11/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MM38	MM38-0406 071003-01	7/10/2003	---	---	56 U	---	---	---	---	---	560 U	---	280 U	---	---	56 U	380 U	380 U
MM39	MM396-6.5 041103-01	4/11/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MM39	MM396-6.5 041103-02	4/11/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MS01	MS01-0303- 101903-01	10/19/2003	---	---	59 U	---	---	---	---	---	---	---	---	---	---	59 U	---	330 U
MS03	MS03-0404- 101903-01	10/19/2003	---	---	65 U	---	---	---	---	---	---	---	---	---	---	65 U	---	330 U
MS04	MS04-0303- 101903-01	10/19/2003	---	---	56 U	---	---	---	---	---	---	---	---	---	---	56 U	---	330 U
MS05	MS05-0303- 101903-01	10/19/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	330 U
MS08	MS08-0303- 101903-01	10/19/2003	---	---	56 U	---	---	---	---	---	---	---	---	---	---	56 U	---	330 U
MS09	MS09-0505- 101903-01	10/19/2003	---	---	54 U	---	---	---	---	---	---	---	---	---	---	54 U	---	330 U
MS10	MS10-0606- 101903-01	10/19/2003	---	---	57 U	---	---	---	---	---	---	---	---	---	---	57 U	---	330 U
MS11	MS11-0505- 101903-01	10/19/2003	---	---	54 U	---	---	---	---	---	---	---	---	---	---	54 U	---	330 U
MS11	MS11-0505- 101903-02	10/19/2003	---	---	50 U	---	---	---	---	---	---	---	250 U	---	---	50 U	---	330 U
OE02	OE02-06-07 062703-01	6/27/2003	---	---	58 U	---	---	---	---	---	580 U	---	290 U	---	---	58 U	---	---
OE03	OE03-06-07 062703-01	6/27/2003	---	---	50 U	---	---	---	---	---	500 U	---	250 U	---	---	50 U	---	---
OE04	OE04-07-08 062703-01	6/27/2003	---	---	59 U	---	---	---	---	---	590 U	---	300 U	---	---	59 U	---	---
OE05	OE05-07-08 062703-01	6/27/2003	---	---	60 U	---	---	---	---	---	600 U	---	300 U	---	---	60 U	---	---
OE06	OE06-03-04 062603-01	6/26/2003	---	---	66 U	---	---	---	---	---	660 U	---	330 U	---	---	66 U	---	---
OE07	OE07-03-04 062603-01	6/26/2003	---	---	58 U	---	---	---	---	---	580 U	---	---	---	---	58 U	---	---
OE08	OE08-02-03 062603-01	6/26/2003	---	---	71 U	---	---	---	---	---	710 U	---	---	---	---	71 U	---	---
OO25	OO25-2545 071003-01	7/10/2003	---	---	62 U	---	---	---	---	---	620 U	---	300 U	---	---	62 U	400 U	400 U
OO28	OO28-0406 071103-01	7/11/2003	---	---	58 U	---	---	---	---	---	580 U	---	290 U	---	---	58 U	380 U	380 U
OO32	OO32-0304 071103-01	7/11/2003	---	---	60 U	---	---	---	---	---	600 U	---	300 U	---	---	60 U	380 U	380 U
OO36	OO36-0507 071103-01	7/11/2003	---	---	64 U	---	---	---	---	---	640 U	---	320 U	---	---	64 U	380 U	380 U
OO37	OO376-6.5 041003-01	4/10/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
OO39	OO396-6.5 041003-01	4/10/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
OO41	OO416-6.5 041003-01	4/10/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
OO43	OO436-6.5 041003-01	4/10/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PP45	PP45-0203- 063003-01	6/30/2003	---	---	58 U	---	---	---	---	---	580 U	---	290 U	---	---	58 U	---	330 U
PS1	PS1-0103- 070903-01	7/9/2003	---	---	62 U	---	---	---	---	---	620 U	---	310 U	---	---	62 U	400 U	400 U
PS2	PS2-0103- 070903-01	7/9/2003	---	---	68 U	---	---	---	---	---	680 U	---	340 U	---	---	68 U	390 U	390 U
QQ26	QQ26-1535 071003-01	7/10/2003	---	---	59 U	---	---	---	---	---	590 U	---	290 U	---	---	59 U	380 U	380 U
QQ30	QQ30-0305 071103-01	7/11/2003	---	---	56 U	---	---	---	---	---	560 U	---	280 U	---	---	56 U	370 U	370 U
QQ37	QQ376-6.5 041003-01	4/10/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
QQ38	QQ38-0507 071103-01	7/11/2003	---	---	58 U	---	---	---	---	---	580 U	---	290 U	---	---	58 U	370 U	370 U
QQ39	QQ396-6.5 041003-01	4/10/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
QQ41	QQ416-6.5 041003-01	4/10/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
QQ42	QQ42-5575 071103-01	7/11/2003	---	---	58 U	---	---	---	---	---	580 U	---	290 U	---	---	58 U	370 U	370 U
QQ42	QQ42-5575 071103-02	7/11/2003	---	---	59 U	---	---	---	---	---	590 U	---	290 U	---	---	59 U	370 U	370 U
SS43	SS436-6.5 041003-01	4/10/2003	---	---	56 U	---	---	---	280 U	---	---	---	---	---	---	56 U	---	---
SS45	SS456-6.5 041003-01	4/10/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

APPENDIX C

SURFACE AND SUBSURFACE SOILS
DETECTION LEVELS vs. CRITERIA

			1,1,2-Trichloro ethane	1,1-Dichloro ethene	1,2-Dibromo-3-chloro propane	1,2-Dichloro ethane	1,2-Dichloro propane	Benzene	Bromo methane	Carbon tetra chloride	Hexachloro butadiene	Methyl tert butyl ether	Methylene chloride	Tetrachloro ethene	Trichloro ethene	Vinyl chloride	1,2-Dichloro benzene	1,3-Dichloro benzene
		Units:	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
		Residential Drinking Water Protection:	100	140	4	100	100	100	200	100	26000	800	100	100	100	40	14000	170
		GSI Protection:	6600	1300	NL	7200	5800	4000	700	900	330	15000	19000	900	4000	300	360	1100
		GSI Protection - Human Health Based:	NL	660000	NL	NL	NL	6200	NL	NL	NL	NL	52000	NL	7400	260	220000	NL
		Groundwater Contact Criteria Protection:	420000	220000	1200	380000	320000	220000	1400000	92000	350000	5900000	2300000	88000	440000	20000	210000	51000
		Infinite Soil Volatilization:	57000	3700	15000	21000	30000	45000	13000	12000	460000	30000000	700000	600000	260000	29000	46000000	NL
		Particulate Soil Inhalation:	250000000	78000000	5900000	150000000	120000000	470000000	150000000	170000000	180000000	88000000000	8300000000	6800000000	2300000000	890000000	44000000000	NL
		Industrial Soil Direct Contact Criteria:	840000	570000	1200	420000	550000	400000	1000000	390000	350000	5900000	2300000	88000	500000	34000	210000	170000
		Statewide Default Background:	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
Location	FieldID	Date Sampled																
TA01	TA01-0304-061003-01	6/10/2003	---	---	52 U	---	---	---	---	---	520 U	---	---	---	---	52 U	---	330 U
TA02	TA02-0203-061003-01	6/10/2003	---	---	50 U	---	---	---	---	---	500 U	---	---	---	---	50 U	---	330 U
TA03	TA03-0203-061003-01	6/10/2003	---	---	54 U	---	---	---	---	---	540 U	---	---	---	---	54 U	---	330 U
TA03	TA03-0203-061003-02	6/10/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	330 U
TA04	TA04-0405-061003-01	6/10/2003	---	---	56 U	---	---	---	---	---	560 U	---	---	---	---	56 U	---	330 U
TA04	TA04-0405-061003-02	6/10/2003	---	---	61 U	---	---	---	---	---	610 U	---	---	---	---	61 U	---	330 U
TA06	TA06-0506-061003-01	6/10/2003	---	---	58 U	---	---	---	---	---	580 U	---	---	---	---	58 U	---	330 U
TA06	TA06-0506-061003-02	6/10/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	330 U
TA07	TA07-0405- 072203-01	7/22/2003	---	---	56 U	---	---	---	---	---	560 U	---	---	---	---	56 U	---	330 U
TB01	TB01-0304-061003-01	6/10/2003	---	---	55 U	---	---	---	---	---	550 U	---	---	---	---	55 U	---	330 U
TB05	TB05-0506-061203-01	6/12/2003	---	---	59 U	---	---	---	---	---	590 U	---	---	---	---	59 U	---	330 U
TB06	TB06-0708-061203-01	6/12/2003	---	---	61 U	---	---	---	---	---	610 U	---	---	---	---	61 U	---	330 U
TB06	TB06-0708-061203-02	6/12/2003	---	---	53 U	---	---	---	---	---	530 U	---	---	---	---	53 U	---	330 U
TB07	TB07-0607-061203-01	6/12/2003	---	---	52 U	---	---	---	---	---	520 U	---	---	---	---	52 U	---	330 U
TB08	TB08-0506-061203-01	6/12/2003	---	---	53 U	---	---	---	---	---	530 U	---	---	---	---	53 U	---	330 U
TE07	TE07-0808- 073003-01	7/30/2003	---	---	60 U	---	---	---	---	---	---	---	---	---	---	60 U	---	330 U
TE08	TE08-0505- 073003-01	7/30/2003	---	---	56 U	---	---	---	---	---	---	---	---	---	---	56 U	---	330 U
TE17	TE17-0203- 081503-01	8/15/2003	---	---	58 U	---	---	---	---	---	---	---	290 U	---	---	58 U	---	330 U
TE18	TE18-0506- 081503-01	8/15/2003	---	---	56 U	---	---	---	---	---	---	---	290 U	---	---	56 U	---	330 U
TE19	TE19-0405- 081503-01	8/15/2003	---	---	58 U	---	---	---	---	---	---	---	290 U	---	---	58 U	---	330 U
TE22	TE22-0203- 081803-01	8/18/2003	---	---	61 U	---	---	---	---	---	---	---	300 U	---	---	61 U	---	330 U
TE23	TE23-0506- 081803-01	8/18/2003	---	---	56 U	---	---	---	---	---	---	---	280 U	---	---	56 U	---	330 U
TE24	TE24-0203- 081803-01	8/18/2003	---	---	58 U	---	---	---	---	---	---	---	290 U	---	---	58 U	---	330 U
TE24	TE24-0203- 081803-02	8/18/2003	---	---	59 U	---	---	---	---	---	---	---	290 U	---	---	59 U	---	330 U
TE25	TE25-0203- 081803-01	8/18/2003	---	---	52 U	---	---	---	---	---	---	---	260 U	---	---	52 U	---	330 U
TE26	TE26-0405- 081803-01	8/18/2003	---	---	57 U	---	---	---	---	---	---	---	280 U	---	---	57 U	---	330 U
TE27	TE27-0304- 081803-01	8/18/2003	---	---	57 U	---	---	---	---	---	---	---	280 U	---	---	57 U	---	330 U
TE28	TE28-0304- 081803-01	8/18/2003	---	---	56 U	---	---	---	---	---	---	---	280 U	---	---	56 U	---	330 U
TE30	TE30-0405- 081803-01	8/18/2003	---	---	55 U	---	---	---	---	---	---	---	270 U	---	---	55 U	---	330 U
TE32	TE32-0304- 082203-01	8/22/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
TE34	TE34-0203- 082203-01	8/22/2003	---	---	57 U	---	---	---	---	---	---	---	280 U	---	---	57 U	---	330 U
FF30	FF30-0000- 092303-01	9/23/2003	---	---	54 U	---	---	---	---	---	---	---	270 U	---	---	54 U	---	330 U
FF32	FF32-0000- 092303-01	9/23/2003	---	---	62 U	---	---	---	---	---	---	---	310 U	---	---	62 U	---	330 U
FF34	FF34-0000- 092303-01	9/23/2003	---	---	56 U	---	---	---	---	---	---	---	280 U	---	---	56 U	---	330 U
FF34	FF34-0000- 092303-02	9/23/2003	---	---	57 U	---	---	---	---	---	---	---	280 U	---	---	57 U	---	330 U
G1	G-1	11/1/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
G10	G-10	11/1/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
G2	G-2	11/1/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
G3	G-3	11/1/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
G4	G-4	11/1/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
G4	G-4DUP	11/1/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
G5	G-5	11/1/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
G6	G-6	11/1/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
G7	G-7	11/1/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
G9	G-9	11/1/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GA01	GA01-0000- 100303-01	10/3/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GA02	GA02-0000- 100303-01	10/3/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GA03	GA03-0000- 100303-01	10/3/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GA04	GA04-0000- 100303-01	10/3/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GA05	GA05-0000- 100303-01	10/3/2003	---	---	57 U	---	---	---	---	---	---	---	---	---	---	57 U	---	330 U
GA06	GA06-0000- 100303-01	10/3/2003	---	---	63 U	---	---	---	---	---	---	---	---	---	---	63 U	---	330 U
GA08	GA08-0000- 100303-01	10/3/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GB-1	GB-136549	1/24/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	450 U	---
GB-10	GB-1036549	1/24/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GB-2	GB-236549	1/24/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GB-3	GB-336549	1/24/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GB-38	GB-3836549	1/24/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	430 U	---
GB-39	GB-3936549	1/24/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GB-54	GB-5436549	1/24/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GB-55	GB-5536549	1/24/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	360 U	---
HH33	HH33-0000- 092303-01	9/23/2003	---	---	55 U	---	---	---	---	---	---	---	270 U	---	---	55 U	---	330 U
II30	II30-0102 071003-01	7/10/2003	---	---	53 U	---	---	---	---	---	530 U	---	290 U	---	---	53 U	380 U	380 U
II32	II32-0000- 092303-01	9/23/2003	---	---	54 U	---	---	---	---	---	---	---	270 U	---	---	54 U	---	330 U
JJ32	JJ32-0000- 092303-01	9/23/2003	---	---	56 U	---	---	---	---	---	---	---	280 U	---	---	56 U	---	330 U
JJ34	JJ34-0000- 092303-01	9/23/2003	---	---	65 U	---	---	---	---	---	330 U	---	330 U	---	---	65 U	---	330 U

APPENDIX C

SURFACE AND SUBSURFACE SOILS
DETECTION LEVELS vs. CRITERIA

			1,1,2-Trichloro ethane	1,1-Dichloro ethene	1,2-Dibromo-3-chloro propane	1,2-Dichloro ethane	1,2-Dichloro propane	Benzene	Bromo methane	Carbon tetra chloride	Hexachloro butadiene	Methyl tert butyl ether	Methylene chloride	Tetrachloro ethene	Trichloro ethene	Vinyl chloride	1,2-Dichloro benzene	1,3-Dichloro benzene
		Units:	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
		Residential Drinking Water Protection:	100	140	4	100	100	100	200	100	26000	800	100	100	100	40	14000	170
		GSI Protection:	6600	1300	NL	7200	5800	4000	700	900	330	15000	19000	900	4000	300	360	1100
		GSI Protection - Human Health Based:	NL	660000	NL	NL	NL	6200	NL	NL	NL	NL	52000	NL	7400	260	220000	NL
		Groundwater Contact Criteria Protection:	420000	220000	1200	380000	320000	220000	1400000	92000	350000	5900000	2300000	88000	440000	20000	210000	51000
		Infinite Soil Volatilization:	57000	3700	15000	21000	30000	45000	13000	12000	460000	30000000	700000	600000	260000	29000	46000000	NL
		Particulate Soil Inhalation:	250000000	78000000	5900000	150000000	120000000	470000000	150000000	170000000	180000000	88000000000	8300000000	6800000000	2300000000	890000000	440000000000	NL
		Industrial Soil Direct Contact Criteria:	840000	570000	1200	420000	550000	400000	1000000	390000	350000	5900000	2300000	88000	500000	34000	210000	170000
		Statewide Default Background:	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
Location	FieldID	Date Sampled																
KL30	KL30-0000- 092603-01	9/26/2003	---	---	57 U	---	---	---	---	---	---	---	280 U	---	---	57 U	---	330 U
LL32	LL32-0000- 092603-01	9/26/2003	---	---	56 U	---	---	---	---	---	---	---	280 U	---	---	56 U	---	330 U
LL33	LL33-0000- 092603-01	9/26/2003	---	---	62 U	---	---	---	---	---	---	---	310 U	---	---	62 U	---	330 U
LL33	LL33-0000- 092603-02	9/26/2003	---	---	66 U	---	---	---	---	---	330 U	---	330 U	---	---	66 U	---	330 U
LL34	LL34-0000- 092603-01	9/26/2003	---	---	65 U	---	---	---	---	---	---	---	320 U	---	---	65 U	---	330 U
MD07	MD07-0102- 081803-01	8/18/2003	---	---	94 U	---	---	---	---	---	470 U	940 U	---	---	---	94 U	---	330 U
MD08	MD08-0001- 081803-01	8/18/2003	---	---	74 U	---	---	---	---	---	370 U	---	---	---	---	74 U	---	330 U
MD09	MD09-0001- 081803-01	8/18/2003	---	---	82 U	---	---	---	---	---	410 U	820 U	---	---	---	82 U	---	330 U
MD100	MD100-0001 091803-01	9/18/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MD101	MD101-0001 091803-01	9/18/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MD101	MD101-0001 091803-02	9/18/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MD104	MD104-0001 091803-01	9/18/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MD106	MD106-0001 100303-01	10/3/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MD107	MD107-0001 100303-01	10/3/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MD108	MD108-0001 100303-01	10/3/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	330 U
MD110	MD110-0001 100303-01	10/3/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MD113	MD113-0001 100303-01	10/3/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MD14	MD14-0001- 081803-01	8/18/2003	100 U	---	100 U	100 U	100 U	100 U	---	100 U	500 U	1000 U	---	100 U	100 U	100 U	---	330 U
MD15	MD15-0001- 081803-01	8/18/2003	---	---	71 U	---	---	---	---	---	360 U	---	---	---	---	71 U	---	330 U
MD20	MD20-0001- 081903-01	8/19/2003	---	---	71 U	---	---	---	---	---	350 U	---	350 U	---	---	71 U	---	330 U
MD21	MD21-0001- 081903-01	8/19/2003	---	---	66 U	---	---	---	---	---	330 U	---	330 U	---	---	66 U	---	330 U
MD21	MD21-0001- 081903-02	8/19/2003	---	---	61 U	---	---	---	---	---	---	---	300 U	---	---	61 U	---	330 U
MD24	MD24-0102- 081903-01	8/19/2003	---	---	51 U	---	---	---	---	---	---	---	260 U	---	---	51 U	---	330 U
MD28	MD28-0001- 082203-01	8/22/2003	---	---	68 U	---	---	---	---	---	340 U	---	340 U	---	---	68 U	---	330 U
MD29	MD29-0001- 082203-01	8/22/2003	---	---	66 U	---	---	---	---	---	330 U	---	330 U	---	---	66 U	---	330 U
MD30	MD30-0001- 082203-01	8/22/2003	---	---	70 U	---	---	---	---	---	350 U	---	350 U	---	---	70 U	---	330 U
MD31	MD31-0001- 082203-01	8/22/2003	---	---	85 U	---	---	---	---	---	420 U	850 U	420 U	---	---	85 U	560 U	560 U
MD38	MD38-0102- 090903-01	9/9/2003	---	---	75 U	---	---	---	---	---	380 U	---	380 U	---	---	75 U	---	330 U
MD39	MD39-0102- 090903-01	9/9/2003	---	---	91 U	---	---	---	---	---	460 U	910 U	460 U	---	---	91 U	---	330 U
MD40	MD40-0102- 090903-01	9/9/2003	---	---	57 U	---	---	---	---	570 U	---	---	290 U	---	---	57 U	---	330 U
MD41	MD41-0102- 090903-01	9/9/2003	---	---	65 U	---	---	---	---	---	---	---	320 U	---	---	65 U	---	330 U
MD42	MD42-0102- 090903-01	9/9/2003	---	---	51 U	---	---	---	---	---	---	---	260 U	---	---	51 U	---	---
MD43	MD43-0102- 090903-01	9/9/2003	---	---	50 U	---	---	---	---	---	---	---	250 U	---	---	50 U	---	330 U
MD44	MD44-0102- 090903-01	9/9/2003	---	---	55 U	---	---	---	---	---	---	---	---	---	---	55 U	---	330 U
MD48	MD48-0202- 091003-01	9/10/2003	---	---	60 U	---	---	---	---	---	---	---	120 U	---	---	60 U	---	330 U
MD50	MD50-0202- 091003-01	9/10/2003	---	---	76 U	---	---	---	---	---	380 U	---	150 U	---	---	76 U	---	330 U
MD51	MD51-0202- 091003-01	9/10/2003	---	---	58 U	---	---	---	---	---	---	---	120 U	---	---	58 U	---	330 U
MD53	MD53-0202- 091003-01	9/10/2003	120 U	---	120 U	120 U	120 U	120 U	---	120 U	580 U	1200 U	230 U	120 U	120 U	120 U	---	330 U
MD53	MD53-0202- 091003-02	9/10/2003	---	---	91 U	---	---	---	---	---	450 U	910 U	180 U	---	---	91 U	---	330 U
MD67	MD67-0102- 091103-01	9/11/2003	---	---	97 U	---	---	---	---	---	490 U	970 U	---	---	---	97 U	---	330 U
MD67	MD67-0102- 091103-02	9/11/2003	---	---	85 U	---	---	---	---	---	420 U	850 U	---	---	---	85 U	---	330 U
MD69	MD69-0102- 091103-01	9/11/2003	---	---	73 U	---	---	---	---	---	370 U	---	---	---	---	73 U	---	330 U
MD99	MD99-0001- 091803-01	9/18/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MS02	MS02-0101- 101903-01	10/19/2003	---	---	70 U	---	---	---	---	---	350 U	---	---	---	---	70 U	---	330 U
MS06	MS06-0202- 101903-01	10/19/2003	---	---	57 U	---	---	---	---	---	---	---	---	---	---	57 U	---	330 U
MS06	MS06-0202- 101903-02	10/19/2003	---	---	53 U	---	---	---	---	---	---	---	---	---	---	53 U	---	330 U
MS07	MS07-0202- 101903-01	10/19/2003	---	---	56 U	---	---	---	---	---	---	---	---	---	---	56 U	---	330 U
MS12	MS12-0202- 101903-01	10/19/2003	---	---	56 U	---	---	---	---	---	---	---	---	---	---	56 U	---	330 U
NN37	NN37-0000- 091603-01	9/16/2003	---	---	50 U	---	---	---	---	---	---	---	---	---	---	50 U	---	330 U
NN37	NN37-0000- 091603-02	9/16/2003	---	---	52 U	---	---	---	---	---	---	---	---	---	---	52 U	---	330 U
NN39	NN39-0000- 091603-01	9/16/2003	---	---	50 U	---	---	---	---	---	---	---	---	---	---	50 U	---	330 U
OE01	OE01-01-02 062603-01	6/26/2003	---	---	58 U	---	---	---	---	---	580 U	---	---	---	---	58 U	---	---
PP36	PP36-0000- 091603-01	9/16/2003	---	---	50 U	---	---	---	---	---	---	---	---	---	---	50 U	---	330 U
PP38	PP38-0000- 091603-01	9/16/2003	---	---	50 U	---	---	---	---	---	---	---	---	---	---	50 U	---	330 U
PP40	PP40-0000- 091603-01	9/16/2003	---	---	50 U	---	---	---	---	---	---	---	---	---	---	50 U	---	330 U
QQ37	QQ37-0000- 091603-01	9/16/2003	---	---	53 U	---	---	---	---	---	---	---	---	---	---	53 U	---	330 U
QQ39	QQ39-0000- 091603-01	9/16/2003	---	---	57 U	---	---	---	---	---	---	---	---	---	---	57 U	---	330 U
TA05	TA05-0102-061003-01	6/10/2003	---	---	50 U	---	---	---	---	---	500 U	---	---	---	---	50 U	---	330 U
TE29	TE29-0001- 081803-01	8/18/2003	---	---	58 U	---	---	---	---	---	---	---	290 U	---	---	58 U	---	330 U
TE31	TE31-0102- 081803-01	8/18/2003	---	---	63 U	---	---	---	---	---	---	---	310 U	---	---	63 U	---	330 U

NOTES:

U - Undetected.
NL - A standard values was not listed for this compound.
--- Standards not exceeded.

APPENDIX C

SURFACE AND SUBSURFACE SOILS
DETECTION LEVELS vs. CRITERIA

Location	FieldID	Date Sampled	1,3-Dichloro benzene	1,4-Dichloro benzene	2,4,6-Trichloro phenol	2,4-Dichloro phenol	2,4-Dinitro toluene	2-Chloro phenol	2-Nitro phenol	3,3-Dichloro benzidine	4,6-Dinitro-2-methyl phenol	Benzidine	bis(2-Chloro ethyl)ether	Hexachlorobu tadiene	Hexachloroet hane	N-Nitroso -di-N-propyl amine	Nitro benzene	p-Chloro-m-cresol	Penta chloro phenol	Chromium (VI)	Mercury, Total	Selenium, Total	Silver, Total	Cyanide, Free	Cyanide, Total
		Units:	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Residential Drinking Water Protection:	NL	1700	2400	1500	430	900	400	2000	1700	1000	330	26000	430	330	200	5800	22	30	1.7	4	4.5	4	4
		GSI Protection:	1100	290	330	380	NL	440	NL	2000	NL	NL	330	330	1800	NL	3600	330	NL	3.3	0.1	0.4	0.5	0.2	0.2
		GSI Protection - Human Health Based:	NL	4800	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	0.000036	54	220	960	960
		Groundwater Contact Criteria Protection:	51000	140000	200000	960000	170000	1900000	1600000	4600	190000	1000	110000	350000	110000	7200	220000	3000000	4300	140000	47	78000	200000	250	250
		Infinite Soil Volatilization:	NL	260000	NL	NL	NL	NL	NL	NL	NL	NL	13000	460000	660000	NL	64000	NL	NL	NL	62	NL	NL	NL	NL
		Particulate Soil Inhalation:	NL	570000000	1300000000	2300000000	20000000	NL	NL	8200000	NL	59000	12000000	180000000	100000000	2000000	21000000	NL	130000000	240	8800	59000	2900	250	250
		Industrial Soil Direct Contact Criteria:	170000	1900000	3300000	1800000	220000	4500000	2000000	30000	260000	1000	58000	350000	730000	5400	340000	15000000	320000	9200	580	9600	9000	250	250
		Statewide Default Background:	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	0.13	0.41	1	0.39	0.39
BC21	BC21-0506- 073103-01	7/31/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	0.1 U	---	---	---	---
BC22	BC22-0506- 073103-01	7/31/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	0.1 U	---	---	---	0.2 U
EF01	EF01-0305- 090503-01	9/5/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.2 U
EF03	EF03-0305- 090503-01	9/5/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.2 U
ET12	ET12-0506- 073003-01	7/30/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	---	---	---	---	0.2 U
FF27	FF27-0506- 090503-01	9/5/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.2 U
GG25	GG25-0204 071003-01	7/10/2003	380 U	380 U	380 U	380 U	---	---	---	2300 U	2000 U	5800 U	---	380 U	---	380 U	230 U	---	930 U	---	---	---	---	---	---
GG28	GG28-0406 071003-01	7/10/2003	370 U	370 U	370 U	---	---	---	---	2200 U	1900 U	5600 U	---	370 U	---	370 U	220 U	---	890 U	---	---	---	---	---	---
GG31	GG316-6.3 041403-01	4/14/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.5 U	---
GG32	GG32-0204 071103-01	7/11/2003	370 U	370 U	370 U	---	---	---	---	2200 U	1900 U	5600 U	---	370 U	---	370 U	220 U	---	900 U	---	---	---	---	---	---
GG33	GG336-6.5 041403-01	4/14/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.5 U	0.2 U
GG34	GG34-0406- 090503-01	9/5/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.2 U
GG35	GG356-6.5 041403-01	4/14/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.5 U	0.2 U
GG36	GG36-0507 071003-01	7/10/2003	360 U	360 U	360 U	---	---	---	---	2200 U	1900 U	5500 U	---	360 U	---	360 U	220 U	---	880 U	---	---	---	---	---	---
GG37	GG376-6.5 041403-01	4/14/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.5 U	---
II26	II26-0406 071003-01	7/10/2003	370 U	370 U	370 U	---	---	---	---	2200 U	1900 U	5600 U	---	370 U	---	370 U	220 U	---	900 U	---	---	---	---	---	---
II31	II316-6.5 041103-01	4/11/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.5 U	0.2 U
II31	II316-6.5 041103-02	4/11/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.5 U	0.2 U
II33	II336-6.5 041103-01	4/11/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.5 U	0.2 U
II34	II34-0204 071003-01	7/10/2003	370 U	370 U	370 U	---	---	---	---	2200 U	1900 U	5600 U	---	370 U	---	370 U	220 U	---	890 U	---	---	---	---	---	---
II35	II356-6.5 041103-01	4/11/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.5 U	0.2 U
II37	II376-6.5 041103-01	4/11/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.5 U	0.2 U
II38	II38-0507 071003-01	7/10/2003	370 U	370 U	370 U	---	---	---	---	2200 U	1900 U	5600 U	---	370 U	---	370 U	220 U	---	890 U	---	---	---	---	---	0.2 U
II39	II396-6.5 041103-01	4/11/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.5 U	---
KK25	KK25-2545 071003-01	7/10/2003	380 U	380 U	380 U	380 U	---	---	---	2300 U	2000 U	5800 U	---	380 U	---	380 U	230 U	---	920 U	---	---	---	---	---	---
KK28	KK28-0406 071003-01	7/10/2003	370 U	370 U	370 U	---	---	---	---	2200 U	1900 U	5600 U	---	370 U	---	370 U	220 U	---	900 U	---	---	---	---	---	0.2 U
KK31	KK316-6.5 041103-01	4/11/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.5 U	0.2 U
KK32	KK32-1503 071003-01	7/10/2003	390 U	390 U	390 U	390 U	---	---	---	2400 U	2000 U	5900 U	---	390 U	---	390 U	240 U	---	940 U	---	---	---	---	---	---
KK33	KK332-4 041103-01	4/11/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.5 U	0.2 U
KK35	KK356-6.5 041103-01	4/11/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.5 U	0.2 U
KK36	KK36-0507 071103-01	7/11/2003	380 U	380 U	380 U	380 U	---	---	---	2300 U	2000 U	5800 U	---	380 U	---	380 U	230 U	---	920 U	---	---	---	---	---	---
KK37	KK376-6.5 041103-01	4/11/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.5 U	0.2 U
KK39	KK396-6.5 041103-01	4/11/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.5 U	---
MD22	MD22-0203- 081903-01	8/19/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	---	---	---	---	---
MD23	MD23-0304- 081903-01	8/19/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	---	---	---	---	0.2 U
MD25	MD25-0203- 081903-01	8/19/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	0.1 U	---	---	---	---
MD35	MD35-0304- 090903-01	9/9/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	0.1 U	---	---	---	0.2 U
MD36	MD36-0304- 090903-01	9/9/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	0.1 U	---	---	---	0.2 U
MD37	MD37-0203- 090903-01	9/9/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	0.1 U	---	---	---	0.2 U
MD45	MD45-0304- 091003-01	9/10/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	0.1 U	---	---	---	0.2 U
MD46	MD46-0405- 091003-01	9/10/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	0.1 U	---	---	---	0.2 U
MD54	MD54-0203- 091003-01	9/10/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	0.1 U	---	---	---	---
MD55	MD55-0304- 091003-01	9/10/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	0.1 U	---	---	---	---
MD56	MD56-0203- 091003-01	9/10/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	---	---
MD57	MD57-0304- 091003-01	9/10/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	0.1 U	---	---	---	---
MD58	MD58-0405- 091103-01	9/11/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	31 U	---	---	---	---	0.2 U
MD59	MD59-0304- 091103-01	9/11/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	42 U	---	---	---	---	---
MD60	MD60-0203- 091103-01	9/11/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	---	---	---	---	---
MD61	MD61-0203- 091103-01	9/11/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	56 U	---	---	---	---	---
MD62	MD62-0203- 091103-01	9/11/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	68 U	---	0.46 U	---	---	---
MD65	MD65-0203- 091103-01	9/11/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	66 U	---	---	---	---	---
MD66	MD66-0203- 091103-01	9/11/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	48 U	---	---	---	---	---
MD70	MD70-0304- 091103-01	9/11/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	46 U	---	---	---	---	0.2 U
MD71	MD71-0203- 091103-01	9/11/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	43 U	---	---	---	---	---
MD72	MD72-0304- 091103-01	9/11/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	---	---
MD73	MD73-0304- 091103-01	9/11/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	---	---	---	---	---
MD74	MD74-0405- 091103-01	9/11/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	0.1 U	---	---	---	0.2 U
MD74	MD74-0405- 091103-02	9/11/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	0.1 U	---	---	---	---
MD75	MD75-0203- 091103-01	9/11/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	0.1 U	---	---	---	0.2 U
MD76	MD76-0203- 091103-01	9/11/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	0.1 U	---	---	---	0.2 U
MD77	MD77-0506- 091103-01	9/11/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	0.1 U	---	---	---	---
MD78	MD78-0304- 091103-01	9/11/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	---	---	---	---	0.2 U
MD79	MD79-0405- 091103-01	9/11/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	0.1 U	---	---	---	0.2 U
MD80	MD80-0203- 091103-01	9/11/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	0.1 U	---	---	---	---
MD81	MD81-0304- 091203-01	9/12/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	0.1 U	---	---	---	---

APPENDIX C

SURFACE AND SUBSURFACE SOILS
DETECTION LEVELS vs. CRITERIA

Location	FieldID	Date Sampled	1,3-Dichloro benzene	1,4-Dichloro benzene	2,4,6-Trichloro phenol	2,4-Dichloro phenol	2,4-Dinitro toluene	2-Chloro phenol	2-Nitro phenol	3,3-Dichloro benzidine	4,6-Dinitro-2-methyl phenol	Benzidine	bis(2-Chloro ethyl)ether	Hexachlorobu tadiene	Hexachloroet hane	N-Nitroso -di-N-propyl amine	Nitro benzene	p-Chloro-m-cresol	Penta chloro phenol	Chromium (VI)	Mercury, Total	Selenium, Total	Silver, Total	Cyanide, Free	Cyanide, Total
		Units:	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Residential Drinking Water Protection:	NL	1700	2400	1500	430	900	400	2000	1700	1000	330	26000	430	330	200	5800	22	30	1.7	4	4.5	4	4
		GSI Protection:	1100	290	330	380	NL	440	NL	2000	NL	NL	330	330	1800	NL	3600	330	NL	3.3	0.1	0.4	0.5	0.2	0.2
		GSI Protection - Human Health Based:	NL	4800	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	0.000036	54	220	960	960
		Groundwater Contact Criteria Protection:	51000	140000	200000	960000	170000	1900000	1600000	4600	190000	1000	110000	350000	110000	7200	220000	3000000	4300	140000	47	78000	200000	250	250
		Infinite Soil Volatilization:	NL	260000	NL	NL	NL	NL	NL	NL	NL	NL	13000	460000	660000	NL	64000	NL	NL	NL	62	NL	NL	NL	NL
		Particulate Soil Inhalation:	NL	570000000	1300000000	2300000000	20000000	NL	NL	8200000	NL	59000	12000000	180000000	100000000	2000000	21000000	NL	130000000	240	8800	59000	2900	250	250
		Industrial Soil Direct Contact Criteria:	170000	1900000	3300000	1800000	220000	4500000	2000000	30000	260000	1000	58000	350000	730000	5400	340000	15000000	320000	9200	580	9600	9000	250	250
		Statewide Default Background:	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	0.13	0.41	1	0.39	0.39
MD81	MD81-0304- 091203-02	9/12/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	0.1 U	---	---	---	---
MD82	MD82-0405- 091203-01	9/12/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	0.1 U	---	---	---	---
MD83	MD83-0405- 091203-01	9/12/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	0.1 U	---	---	---	---
MD84	MD84-0405- 091203-01	9/12/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	0.1 U	---	---	---	---
MD85	MD85-0405- 091203-01	9/12/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	0.1 U	---	---	---	---
MD86	MD86-0405- 091203-01	9/12/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	0.1 U	---	---	---	0.2 U
MD87	MD87-0405- 091203-01	9/12/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	0.1 U	---	---	---	---
MD88	MD88-0608- 091603-01	9/16/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	---	---	---	---	0.2 U
MD89	MD89-0608- 091603-01	9/16/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	---	---	---	---	---
MD90	MD90-0608- 091603-01	9/16/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	---	---	---	---	---
MD91	MD91-0507- 091603-01	9/16/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	---	0.2 U
MD92	MD92-0406- 091603-01	9/16/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	---	---	---	---	---
MD93	MD93-0405- 091603-01	9/16/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	---	0.2 U
MD94	MD94-0405- 091603-01	9/16/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	---	0.2 U
MD94	MD94-0405- 091603-02	9/16/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	---	0.2 U
MD95	MD95-0606- 091603-01	9/16/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	---	---	---	---	0.2 U
MM22	MM22-0204 071103-01	7/11/2003	400 U	400 U	400 U	400 U	---	---	400 U	2400 U	2000 U	6000 U	---	400 U	---	400 U	240 U	---	960 U	---	---	---	---	---	---
MM22	MM22-0204 071103-02	7/11/2003	400 U	400 U	400 U	400 U	---	---	400 U	2400 U	2000 U	6000 U	---	400 U	---	400 U	240 U	---	960 U	---	---	---	---	---	---
MM26	MM26-2545 071003-01	7/10/2003	400 U	400 U	400 U	400 U	---	---	400 U	2400 U	2000 U	6000 U	---	400 U	---	400 U	240 U	---	960 U	---	---	---	---	---	---
MM30	MM30-0305 071003-01	7/10/2003	390 U	390 U	390 U	390 U	---	---	---	2400 U	2000 U	5900 U	---	390 U	---	390 U	240 U	---	940 U	---	---	---	---	---	---
MM31	MM316-6.5 041403-01	4/14/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.5 U	0.2 U
MM33	MM336-6.5 041403-01	4/14/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.5 U	---
MM34	MM34-0455 071003-01	7/10/2003	370 U	370 U	370 U	---	---	---	---	2200 U	1900 U	5600 U	---	370 U	---	370 U	220 U	---	890 U	---	---	---	---	---	0.2 U
MM35	MM356-6.5 041403-01	4/14/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.5 U	---
MM37	MM376-6.5 041103-01	4/11/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.5 U	0.2 U
MM38	MM38-0406 071003-01	7/10/2003	380 U	380 U	380 U	380 U	---	---	---	2300 U	1900 U	5700 U	---	380 U	---	380 U	230 U	---	910 U	---	---	---	---	---	---
MM39	MM396-6.5 041103-01	4/11/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.5 U	---
MM39	MM396-6.5 041103-02	4/11/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.5 U	0.2 U
MS01	MS01-0303- 101903-01	10/19/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	0.1 U	---	---	---	0.2 U
MS03	MS03-0404- 101903-01	10/19/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	---	0.2 U
MS04	MS04-0303- 101903-01	10/19/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	---	0.2 U
MS05	MS05-0303- 101903-01	10/19/2003	330 U	---	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	---	---
MS08	MS08-0303- 101903-01	10/19/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	---	---
MS09	MS09-0505- 101903-01	10/19/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	---	0.2 U
MS10	MS10-0606- 101903-01	10/19/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	---	---
MS11	MS11-0505- 101903-01	10/19/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	---	---
MS11	MS11-0505- 101903-02	10/19/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	---	---
OE02	OE02-06-07 062703-01	6/27/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
OE03	OE03-06-07 062703-01	6/27/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
OE04	OE04-07-08 062703-01	6/27/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
OE05	OE05-07-08 062703-01	6/27/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
OE06	OE06-03-04 062603-01	6/26/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
OE07	OE07-03-04 062603-01	6/26/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
OE08	OE08-02-03 062603-01	6/26/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
OO25	OO25-2545 071003-01	7/10/2003	400 U	400 U	400 U	400 U	---	---	400 U	2400 U	2100 U	6100 U	---	400 U	---	400 U	240 U	---	980 U	---	---	---	---	---	---
OO28	OO28-0406 071103-01	7/11/2003	380 U	380 U	380 U	380 U	---	---	---	2300 U	1900 U	5700 U	---	380 U	---	380 U	230 U	---	910 U	---	---	---	---	---	0.2 U
OO32	OO32-0304 071103-01	7/11/2003	380 U	---	380 U	380 U	---	---	---	2300 U	2000 U	5800 U	---	380 U	---	380 U	230 U	---	930 U	---	---	---	---	---	---
OO36	OO36-0507 071103-01	7/11/2003	380 U	380 U	380 U	380 U	---	---	---	2300 U	1900 U	5700 U	---	380 U	---	380 U	230 U	---	910 U	---	---	---	---	---	0.2 U
OO37	OO376-6.5 041003-01	4/10/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.5 U	0.2 U
OO39	OO396-6.5 041003-01	4/10/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.5 U	0.2 U
OO41	OO416-6.5 041003-01	4/10/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.5 U	---
OO43	OO436-6.5 041003-01	4/10/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.5 U	0.2 U
PP45	PP45-0203- 063003-01	6/30/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	---	---
PS1	PS1-0103- 070903-01	7/9/2003	400 U	400 U	400 U	400 U	---	---	400 U	2400 U	2100 U	6100 U	---	400 U	---	400 U	240 U	---	980 U	---	---	---	---	---	---
PS2	PS2-0103- 070903-01	7/9/2003	390 U	390 U	390 U	390 U	---	---	---	2400 U	2000 U	5900 U	---	390 U	---	390 U	240 U	390 U	940 U	---	---	---	---	---	---
QQ26	QQ26-1535 071003-01	7/10/2003	380 U	380 U	380 U	380 U	---	---	---	2300 U	2000 U	5800 U	---	380 U	---	380 U	230 U	---	930 U	---	---	---	---	---	0.2 U
QQ30	QQ30-0305 071103-01	7/11/2003	370 U	370 U	370 U	---	---	---	---	2200 U	1900 U	5600 U	---	370 U	---	370 U	220 U	---	890 U	---	---	---	---	---	0.2 U
QQ37	QQ376-6.5 041003-01	4/10/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.5 U	0.2 U
QQ38	QQ38-0507 071103-01	7/11/2003	370 U	370 U	370 U	---	---	---	---	2200 U	1900 U	5600 U	---	370 U	---	370 U	220 U	---	890 U	---	---	---	---	---	---
QQ39	QQ396-6.5 041003-01	4/10/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.5 U	---
QQ41	QQ416-6.5 041003-01	4/10/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.5 U	---
QQ42	QQ42-5575 071103-01	7/11/2003	370 U	370 U	370 U	---	---	---	---	2200 U	1900 U	5600 U	---	370 U	---	370 U	220 U	---	890 U	---	0.1 U	---	---	---	---
QQ42	QQ42-5575 071103-02	7/11/2003	370 U	370 U	370 U	---	---	---	---	2200 U	1900 U	5600 U	---	370 U	---	370 U	220 U	---	890 U	---	---	---	---	---	---
SS43	SS436-6.5 041003-01	4/10/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.5 U	0.2 U
SS45	SS456-6.5 041003-01	4/10/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.5 U	---

APPENDIX C

SURFACE AND SUBSURFACE SOILS
DETECTION LEVELS vs. CRITERIA

			1,3-Dichloro benzene	1,4-Dichloro benzene	2,4,6-Trichloro phenol	2,4-Dichloro phenol	2,4-Dinitro toluene	2-Chloro phenol	2-Nitro phenol	3,3-Dichloro benzidine	4,6-Dinitro-2-methyl phenol	Benzidine	bis(2-Chloro ethyl)ether	Hexachlorobu tadiene	Hexachloroet hane	N-Nitroso -di-N-propyl amine	Nitro benzene	p-Chloro-m-cresol	Penta chloro phenol	Chromium (VI)	Mercury, Total	Selenium, Total	Silver, Total	Cyanide, Free	Cyanide, Total
Units:			ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Residential Drinking Water Protection:			NL	1700	2400	1500	430	900	400	2000	1700	1000	330	26000	430	330	200	5800	22	30	1.7	4	4.5	4	4
GSI Protection:			1100	290	330	380	NL	440	NL	2000	NL	NL	330	330	1800	NL	3600	330	NL	3.3	0.1	0.4	0.5	0.2	0.2
GSI Protection - Human Health Based:			NL	4800	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	0.000036	54	220	960	960
Groundwater Contact Criteria Protection:			51000	140000	200000	960000	170000	1900000	1600000	4600	190000	1000	110000	350000	110000	7200	220000	3000000	4300	140000	47	78000	200000	250	250
Infinite Soil Volatilization:			NL	260000	NL	NL	NL	NL	NL	NL	NL	NL	13000	460000	660000	NL	64000	NL	NL	NL	62	NL	NL	NL	NL
Particulate Soil Inhalation:			NL	570000000	1300000000	2300000000	20000000	NL	NL	8200000	NL	59000	12000000	180000000	100000000	2000000	21000000	NL	130000000	240	8800	59000	2900	250	250
Industrial Soil Direct Contact Criteria:			170000	1900000	3300000	1800000	220000	4500000	2000000	30000	260000	1000	58000	350000	730000	5400	340000	15000000	320000	9200	580	9600	9000	250	250
Statewide Default Background:			NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	0.13	0.41	1	0.39	0.39
Location	FieldID	Date Sampled																							
TA01	TA01-0304-061003-01	6/10/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	0.1 U	---	---	0.5 U	0.2 U
TA02	TA02-0203-061003-01	6/10/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	0.1 U	---	---	0.5 U	0.2 U
TA03	TA03-0203-061003-01	6/10/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	0.1 U	---	---	0.5 U	0.2 U
TA03	TA03-0203-061003-02	6/10/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	0.5 U	0.2 U
TA04	TA04-0405-061003-01	6/10/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	0.5 U	---
TA04	TA04-0405-061003-02	6/10/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	0.5 U	0.2 U
TA06	TA06-0506-061003-01	6/10/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	---	0.2 U
TA06	TA06-0506-061003-02	6/10/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	0.5 U	0.2 U
TA07	TA07-0405- 072203-01	7/22/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	---	---	---	---	0.2 U
TB01	**TB01-0304-061003-01**	**6/10/2003**	**330 U**	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	---	0.2 U
TB05	**TB05-0506-061203-01**	**6/12/2003**	**330 U**	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	0.5 U	0.2 U
TB06	TB06-0708-061203-01	6/12/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	0.1 U	---	---	0.5 U	0.2 U
TB06	TB06-0708-061203-02	6/12/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	0.5 U	0.2 U
TB07	TB07-0607-061203-01	6/12/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	0.5 U	0.2 U
TB08	TB08-0506-061203-01	6/12/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	0.5 U	0.2 U
TE07	TE07-0808- 073003-01	7/30/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	---	---	---	---	---
TE08	TE08-0505- 073003-01	7/30/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	---	---	---	---	0.2 U
TE17	TE17-0203- 081503-01	8/15/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	---	---	---	---	0.2 U
TE18	TE18-0506- 081503-01	8/15/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	---	---	---	---	0.2 U
TE19	TE19-0405- 081503-01	8/15/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	---	---	---	---	0.2 U
TE22	TE22-0203- 081803-01	8/18/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	---	---	---	---	---
TE23	TE23-0506- 081803-01	8/18/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	---	---	---	---	0.2 U
TE24	TE24-0203- 081803-01	8/18/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	---	---	---	---	0.2 U
TE24	TE24-0203- 081803-02	8/18/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	---	---	---	---	0.2 U
TE25	TE25-0203- 081803-01	8/18/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	---	---	---	---	---
TE26	TE26-0405- 081803-01	8/18/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	---	---	---	---	---
TE27	TE27-0304- 081803-01	8/18/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	---	---	---	---	---
TE28	TE28-0304- 081803-01	8/18/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	---	---	---	---	---
TE30	TE30-0405- 081803-01	8/18/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	0.1 U	---	---	---	0.2 U
TE32	TE32-0304- 082203-01	8/22/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.2 U
TE34	TE34-0203- 082203-01	8/22/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	---	---	---	---	0.2 U
FF30	FF30-0000- 092303-01	9/23/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	0.1 U	---	---	---	0.2 U
FF32	FF32-0000- 092303-01	9/23/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	---	---
FF34	FF34-0000- 092303-01	9/23/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	---	---
FF34	FF34-0000- 092303-02	9/23/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	0.1 U	---	---	---	---
G1	G-1	11/1/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.67 U
G10	G-10	11/1/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.13 U	0.64 U	---	---	---
G2	G-2	11/1/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.12 U	0.59 U	---	---	0.59 U
G3	G-3	11/1/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.12 U	1.2 U	---	---	---
G4	G-4	11/1/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.12 U	0.58 U	---	---	0.58 U
G4	G-4DUP	11/1/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.62 U
G5	G-5	11/1/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.12 U	0.6 U	---	---	0.6 U
G6	G-6	11/1/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.12 U	0.61 U	---	---	0.61 U
G7	G-7	11/1/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.2 U	---	---	---	1 U
G9	G-9	11/1/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.15 U	---	---	---	---
GA01	GA01-0000- 100303-01	10/3/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	19 U	---	---	---	---	---
GA02	GA02-0000- 100303-01	10/3/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	14 U	---	---	---	---	---
GA03	GA03-0000- 100303-01	10/3/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5.7 U	---	---	---	---	---
GA04	GA04-0000- 100303-01	10/3/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	19 U	---	---	---	---	---
GA05	GA05-0000- 100303-01	10/3/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	17 U	---	---	---	---	---
GA06	GA06-0000- 100303-01	10/3/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	20 U	---	---	---	---	---
GA08	GA08-0000- 100303-01	10/3/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	13 U	---	---	---	---	---
GB-1	GB-136549	1/24/1994	---	450 U	---	---	---	---	---	---	---	---	---	---	---	---	450 U	---	---	---	0.14 U	1.4 U	---	---	---
GB-10	GB-1036549	1/24/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.12 U	---	1.2 U	---	0.61 U
GB-2	GB-236549	1/24/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.11 U	0.57 U	1.1 U	---	0.57 U
GB-3	GB-336549	1/24/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.14 U	0.69 U	1.4 U	---	0.69 U
GB-38	GB-3836549	1/24/1994	---	430 U	---	---	---	---	---	---	---	---	---	---	---	---	430 U	---	---	---	0.13 U	---	1.3 U	---	0.65 U
GB-39	GB-3936549	1/24/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.12 U	0.62 U	---	---	---
GB-54	GB-5436549	1/24/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.12 U	0.58 U	---	---	0.58 U
GB-55	GB-5536549	1/24/1994	---	360 U	---	---	---	---	---	---	---	---	---	---	---	---	360 U	---	---	---	0.11 U	0.55 U	1.1 U	---	0.55 U
HH33	HH33-0000- 092303-01	9/23/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	---	0.2 U
II30	II30-0102 071003-01	7/10/2003	380 U	380 U	380 U	380 U	---	---	---	2300 U	2000 U	5800 U	---	380 U	---	380 U	230 U	---	930 U	---	---	---	---	---	---
II32	II32-0000- 092303-01	9/23/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	---	---
JJ32	JJ32-0000- 092303-01	9/23/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	---	---
JJ34	JJ34-0000- 092303-01	9/23/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	0.1 U	---	---	---	---

APPENDIX C

SURFACE AND SUBSURFACE SOILS
DETECTION LEVELS vs. CRITERIA

Location	FieldID	Date Sampled	1,3-Dichloro benzene	1,4-Dichloro benzene	2,4,6-Trichloro phenol	2,4-Dichloro phenol	2,4-Dinitro toluene	2-Chloro phenol	2-Nitro phenol	3,3-Dichloro benzidine	4,6-Dinitro-2-methyl phenol	Benzidine	bis(2-Chloro ethyl)ether	Hexachlorobu tadiene	Hexachloroet hane	N-Nitroso -di-N-propyl amine	Nitro benzene	p-Chloro-m-cresol	Penta chloro phenol	Chromium (VI)	Mercury, Total	Selenium, Total	Silver, Total	Cyanide, Free	Cyanide, Total
		Units:	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Residential Drinking Water Protection:	NL	1700	2400	1500	430	900	400	2000	1700	1000	330	26000	430	330	200	5800	22	30	1.7	4	4.5	4	4
		GSI Protection:	1100	290	330	380	NL	440	NL	2000	NL	NL	330	330	1800	NL	3600	330	NL	3.3	0.1	0.4	0.5	0.2	0.2
		GSI Protection - Human Health Based:	NL	4800	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	0.000036	54	220	960	960
		Groundwater Contact Criteria Protection:	51000	140000	200000	960000	170000	1900000	1600000	4600	190000	1000	110000	350000	110000	7200	220000	3000000	4300	140000	47	78000	200000	250	250
		Infinite Soil Volatilization:	NL	260000	NL	NL	NL	NL	NL	NL	NL	NL	13000	460000	660000	NL	64000	NL	NL	NL	62	NL	NL	NL	NL
		Particulate Soil Inhalation:	NL	570000000	1300000000	2300000000	20000000	NL	NL	8200000	NL	59000	12000000	180000000	100000000	2000000	21000000	NL	130000000	240	8800	59000	2900	250	250
		Industrial Soil Direct Contact Criteria:	170000	1900000	3300000	1800000	220000	4500000	2000000	30000	260000	1000	58000	350000	730000	5400	340000	15000000	320000	9200	580	9600	9000	250	250
		Statewide Default Background:	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	0.13	0.41	1	0.39	0.39
KL30	KL30-0000- 092603-01	9/26/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	---	0.2 U
LL32	LL32-0000- 092603-01	9/26/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	---	---
LL33	LL33-0000- 092603-01	9/26/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	---	---	---	---	---
LL33	LL33-0000- 092603-02	9/26/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	---	---
LL34	LL34-0000- 092603-01	9/26/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	---	---
MD07	MD07-0102- 081803-01	8/18/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	64 U	---	---	---	---	---
MD08	MD08-0001- 081803-01	8/18/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	47 U	---	---	---	---	---
MD09	MD09-0001- 081803-01	8/18/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	---	---	---	---	0.2 U
MD100	MD100-0001 091803-01	9/18/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.2 U
MD101	MD101-0001 091803-01	9/18/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	36 U	---	---	---	---	---
MD101	MD101-0001 091803-02	9/18/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	37 U	---	---	---	---	---
MD104	MD104-0001 091803-01	9/18/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	30 U	---	---	---	---	0.2 U
MD106	MD106-0001 100303-01	10/3/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	31 U	---	---	---	---	---
MD107	MD107-0001 100303-01	10/3/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	33 U	---	---	---	---	---
MD108	MD108-0001 100303-01	10/3/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	---	---
MD110	MD110-0001 100303-01	10/3/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	28 U	---	---	---	---	---
MD113	MD113-0001 100303-01	10/3/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	21 U	---	---	---	---	---
MD14	MD14-0001- 081803-01	8/18/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	49 U	---	---	---	---	---
MD15	MD15-0001- 081803-01	8/18/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	---	---	---	---	---
MD20	MD20-0001- 081903-01	8/19/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	---	---	---	---	0.2 U
MD21	MD21-0001- 081903-01	8/19/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	---	---	---	---	---
MD21	MD21-0001- 081903-02	8/19/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	---	---	---	---	0.2 U
MD24	MD24-0102- 081903-01	8/19/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	0.1 U	---	---	---	---
MD28	MD28-0001- 082203-01	8/22/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	---	---
MD29	MD29-0001- 082203-01	8/22/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	---	---
MD30	MD30-0001- 082203-01	8/22/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	---	---	---	---	---
MD31	MD31-0001- 082203-01	8/22/2003	560 U	560 U	560 U	560 U	560 U	560 U	560 U	2000 U	1700 U	5000 U	560 U	560 U	560 U	560 U	560 U	560 U	1100 U	---	---	---	---	---	---
MD38	MD38-0102- 090903-01	9/9/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	0.1 U	---	---	---	0.2 U
MD39	MD39-0102- 090903-01	9/9/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	0.1 U	---	---	---	---
MD40	MD40-0102- 090903-01	9/9/2003	330 U	---	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	0.1 U	---	---	---	---
MD41	MD41-0102- 090903-01	9/9/2003	330 U	---	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	0.1 U	---	---	---	---
MD42	MD42-0102- 090903-01	9/9/2003	---	---	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	0.1 U	---	---	---	---
MD43	MD43-0102- 090903-01	9/9/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	0.1 U	---	---	---	---
MD44	MD44-0102- 090903-01	9/9/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	0.1 U	---	---	---	0.2 U
MD48	MD48-0202- 091003-01	9/10/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	---	---	---	---	---
MD50	MD50-0202- 091003-01	9/10/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	---	---	---	---	---
MD51	MD51-0202- 091003-01	9/10/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	0.1 U	---	---	---	---
MD53	MD53-0202- 091003-01	9/10/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	---	---
MD53	MD53-0202- 091003-02	9/10/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	27 U	---	---	---	---	---
MD67	MD67-0102- 091103-01	9/11/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	---	---	---	---	---
MD67	MD67-0102- 091103-02	9/11/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	52 U	---	---	---	---	---
MD69	MD69-0102- 091103-01	9/11/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	44 U	---	---	---	---	---
MD99	MD99-0001- 091803-01	9/18/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	21 U	---	---	---	---	---
MS02	MS02-0101- 101903-01	10/19/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	---	---
MS06	MS06-0202- 101903-01	10/19/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	---	0.2 U
MS06	MS06-0202- 101903-02	10/19/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	---	0.2 U
MS07	MS07-0202- 101903-01	10/19/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	---	---
MS12	MS12-0202- 101903-01	10/19/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	0.1 U	---	---	---	0.2 U
NN37	NN37-0000- 091603-01	9/16/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	---	---
NN37	NN37-0000- 091603-02	9/16/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	---	---
NN39	NN39-0000- 091603-01	9/16/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	---	---
OE01	OE01-01-02 062603-01	6/26/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PP36	PP36-0000- 091603-01	9/16/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	---	---	---	---	0.2 U
PP38	PP38-0000- 091603-01	9/16/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	---	0.2 U
PP40	PP40-0000- 091603-01	9/16/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	---	0.2 U
QQ37	QQ37-0000- 091603-01	9/16/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	---	---	---	---	0.2 U
QQ39	QQ39-0000- 091603-01	9/16/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	---	---	---	---	---
TA05	TA05-0102-061003-01	6/10/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	330 U	800 U	---	---	---	---	---	---
TE29	TE29-0001- 081803-01	8/18/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	---	---	---	---	---
TE31	TE31-0102- 081803-01	8/18/2003	330 U	330 U	330 U	---	---	---	---	2000 U	1700 U	5000 U	---	330 U	---	330 U	200 U	---	800 U	---	---	---	---	---	---

NOTES:

U - Undetected.
NL - A standard values was not listed for this compound.
--- Standards not exceeded.

APPENDIX C
SEDIMENT
DETECTION LEVELS vs. CRITERIA

Location	FieldID	Depth	Date Sampled	1,1-Dichloro ethane	1,2,4-Trimethyl benzene	4-Isopropyl toluene	Acetone	Acrolein	Chloro form	Chloro methane	cis-1,2-Dichloro ethene	Methyl ethyl ketone	n-Butyl benzene	Naph thalene	sec-Butyl benzene	Styrene	Toluene	trans-1,2-Dichloro ethylene	Trichloro ethene	Anthra cene	Benz(a) anthracene	Benzo(a) pyrene
			Units:	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
			Bacground:	5.8	24	23	761	5.2	22	49.5	81	517	45	78.7	27	13	3.2	81	11	NL	303	332
			PEC:	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	561	NL	NL	NL	NL	NL	845	1,050	1,450
			TEC:	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	176	NL	NL	NL	NL	NL	57.2	108	150
SD-A1	SDA1012-042303-01	0 - 12	4/23/2003	78 U	---	78 U	---	---	78 U	---	---	---	78 U	---	78 U	78 U	78 U	---	78 U	---	---	---
SD-A1	SDA11224-042303-01	12 - 24	4/23/2003	73 U	---	73 U	---	---	---	---	---	---	73 U	---	73 U	73 U	73 U	---	73 U	330 U	330 U	330 U
SD-A2	SDA2012-042303-01	0 - 12	4/23/2003	---	---	83 U	---	---	---	---	---	---	83 U	---	83 U	83 U	83 U	---	83 U	---	---	---
SD-A2	SDA2012-042303-02	0 - 12	4/23/2003	---	---	77 U	---	---	---	---	---	---	77 U	---	77 U	77 U	---	---	77 U	330 U	330 U	330 U
SD-A2	SDA21224-042303-01	12 - 24	4/23/2003	---	---	63 U	---	---	---	---	---	---	63 U	---	63 U	63 U	63 U	---	63 U	330 U	330 U	330 U
SD-A3	SDA3012-042303-01	0 - 12	4/23/2003	---	---	74 U	---	---	---	---	---	---	74 U	---	74 U	74 U	74 U	---	74 U	330 U	330 U	330 U
SD-A3	SDA31224-042303-01	12 - 24	4/23/2003	---	51 U	51 U	---	---	---	51 U	---	---	51 U	---	51 U	51 U	51 U	---	---	330 U	330 U	330 U
SD-C1	SDC1012-042203-01	0 - 12	4/22/2003	---	---	66 U	---	---	---	---	---	660 U	66 U	---	66 U	66 U	---	---	---	330 U	330 U	330 U
SD-C1	SDC11224-042203-01	12 - 24	4/22/2003	---	---	50 U	---	---	---	---	---	---	50 U	---	50 U	50 U	50 U	---	---	330 U	330 U	330 U
SD-C3	SDC3012-042203-01	0 - 12	4/22/2003	70 U	---	70 U	---	---	70 U	---	---	---	70 U	---	70 U	70 U	70 U	---	70 U	330 U	---	---
SD-C3	SDC31224-042203-01	12 - 24	4/22/2003	70 U	70 U	70 U	---	---	70 U	---	---	---	70 U	170 U	70 U	70 U	70 U	---	70 U	330 U	330 U	330 U
SD-C3	SDC31224-042203-02	12 - 24	4/22/2003	---	79 U	79 U	---	---	---	---	---	---	79 U	200 U	79 U	79 U	79 U	---	79 U	330 U	330 U	330 U
SD-E1	SDE1012-042203-01	0 - 12	4/22/2003	82 U	82 U	82 U	---	---	---	82 U	82 U	---	82 U	210 U	82 U	82 U	---	82 U	---	---	---	---
SD-E1	SDE11224-042203-01	12 - 24	4/23/2003	57 U	57 U	57 U	---	---	---	57 U	---	---	57 U	---	57 U	57 U	---	---	---	---	---	---
SD-E2	SDE2012-042203-01	0 - 12	4/22/2003	92 U	---	92 U	---	---	92 U	92 U	92 U	---	92 U	230 U	---	92 U	---	92 U	---	330 U	330 U	330 U
SD-E2	SDE21224-042203-01	12 - 24	4/22/2003	100 U	100 U	100 U	---	---	---	100 U	100 U	---	100 U	---	100 U	100 U	---	100 U	---	---	---	---
SD-E3	SDE3012-042203-01	0 - 12	4/22/2003	71 U	71 U	71 U	---	---	---	71 U	---	---	---	---	---	71 U	71 U	---	71 U	330 U	330 U	330 U
SD-E3	SDE31224-042203-01	12 - 24	4/22/2003	58 U	58 U	58 U	---	---	---	58 U	---	---	58 U	---	58 U	58 U	58 U	---	---	330 U	330 U	330 U
SD-G1	SDG1-0012- 101603-01	0 - 12	10/16/2003	77 U	77 U	77 U	---	---	77 U	77 U	---	---	77 U	330 U, 380 U	77 U	77 U	77 U	---	77 U	330 U	330 U	330 U
SD-G1	SDG1-1228- 101603-01	12 - 28	10/16/2003	59 U	59 U	59 U	---	---	59 U	59 U	---	---	59 U	290 U, 330 U	59 U	59 U	59 U	---	59 U	330 U	330 U	330 U
SD-G1	SDG1-1228- 101603-02	12 - 28	10/16/2003	67 U	67 U	67 U	---	---	67 U	67 U	---	---	67 U	330 U	67 U	67 U	---	---	67 U	330 U	330 U	330 U
SD-G2	SDG2-0012- 101603-01	0 - 12	10/16/2003	59 U	59 U	59 U	---	---	59 U	59 U	---	---	59 U	300 U	59 U	59 U	---	---	59 U	---	---	---
SD-G2	SDG2-1227- 101603-01	12 - 27	10/16/2003	62 U	62 U	62 U	---	---	62 U	62 U	---	---	62 U	310 U, 330 U	62 U	62 U	62 U	---	62 U	330 U	330 U	330 U
SD-G2	SDG2-1227- 101603-02	12 - 27	10/16/2003	62 U	62 U	62 U	---	---	62 U	62 U	---	---	62 U	310 U, 330 U	62 U	62 U	62 U	---	62 U	330 U	330 U	330 U
SD-G3	SDG3-0014- 101603-01	0 - 14	10/16/2003	72 U	72 U	72 U	---	---	72 U	72 U	---	---	72 U	330 U, 360 U	72 U	72 U	---	---	72 U	330 U	---	---
SD-H1	SDHI-0012- 101603-01	0 - 12	10/16/2003	81 U	---	81 U	---	---	81 U	81 U	81 U	---	81 U	330 U, 410 U	81 U	81 U	---	81 U	81 U	330 U	330 U	330 U
SD-H1	SDHI-1224- 101603-01	12 - 0	10/16/2003	70 U	70 U	70 U	---	---	70 U	70 U	---	---	70 U	330 U, 350 U	70 U	70 U	70 U	---	70 U	330 U	---	330 U
SD-H1	SDHI-2436- 101603-01	24 - 36	10/16/2003	58 U	58 U	58 U	---	---	58 U	58 U	---	---	58 U	290 U, 330 U	58 U	58 U	58 U	---	58 U	330 U	330 U	330 U
SD-H2	SDH2-0012- 101603-01	0 - 12	10/16/2003	---	66 U	66 U	---	---	66 U	66 U	---	---	66 U	330 U	66 U	66 U	---	---	66 U	---	---	---
SD-H2	SDH2-1224- 101603-01	12 - 0	10/16/2003	68 U	---	68 U	---	---	68 U	68 U	---	---	68 U	330 U	68 U	68 U	---	---	68 U	330 U	---	330 U
SD-H2	SDH2-2445- 101603-01	24 - 45	10/16/2003	58 U	58 U	58 U	---	---	58 U	58 U	---	---	58 U	290 U, 330 U	58 U	58 U	58 U	---	58 U	330 U	330 U	330 U
SD-H2	SDH2-2445- 101603-02	24 - 45	10/16/2003	59 U	59 U	59 U	---	---	59 U	59 U	---	---	59 U	290 U, 330 U	59 U	59 U	---	---	59 U	330 U	330 U	330 U
SD-H3	SDH3-0012- 101603-01	0 - 12	10/16/2003	85 U	85 U	85 U	---	---	85 U	85 U	85 U	---	85 U	330 U, 420 U	85 U	85 U	---	85 U	85 U	330 U	330 U	---
SD-H3	SDH3-1221- 101603-01	12 - 21	10/16/2003	54 U	54 U	54 U	---	---	54 U	54 U	---	---	54 U	270 U, 330 U	54 U	54 U	54 U	---	54 U	330 U	330 U	330 U
SD-I1	SDI1-0012- 101503-01	0 - 12	10/15/2003	78 U	78 U	78 U	---	---	78 U	78 U	---	---	78 U	330 U, 390 U	78 U	78 U	---	---	78 U	330 U	330 U	330 U
SD-I1	SDI1-1224- 101503-01	12 - 0	10/15/2003	58 U	---	58 U	---	---	58 U	58 U	---	---	58 U	290 U, 330 U	58 U	58 U	---	---	58 U	330 U	330 U	330 U
SD-I1	SDI1-2445- 101503-01	24 - 45	10/15/2003	56 U	56 U	56 U	---	---	56 U	56 U	---	---	56 U	280 U, 330 U	56 U	56 U	---	---	56 U	330 U	330 U	330 U
SD-I1	SDI1-2445- 101503-02	24 - 45	10/15/2003	50 U	50 U	50 U	---	---	50 U	50 U	---	---	50 U	250 U, 330 U	50 U	50 U	---	---	50 U	330 U	330 U	330 U
SD-I2	SDI2-0012- 101503-01	0 - 12	10/15/2003	62 U	62 U	62 U	---	---	62 U	62 U	---	---	62 U	310 U, 330 U	62 U	62 U	---	---	62 U	---	---	---
SD-I2	SDI2-1224- 101503-01	12 - 0	10/15/2003	57 U	57 U	57 U	---	---	57 U	57 U	---	---	57 U	280 U, 330 U	57 U	57 U	---	---	57 U	330 U	330 U	330 U
SD-I2	SDI2-2436- 101503-01	24 - 36	10/15/2003	68 U	68 U	68 U	---	---	68 U	68 U	---	---	68 U	330 U, 340 U	68 U	68 U	68 U	---	68 U	330 U	330 U	330 U
SD-I3	SDI3-0012- 101503-01	0 - 12	10/15/2003	120 U	120 U	120 U	---	---	120 U	120 U	120 U	---	120 U	330 U, 610 U	120 U	120 U	---	120 U	120 U	330 U	---	---
SD-I3	SDI3-1231- 101503-01	12 - 31	10/15/2003	59 U	59 U	59 U	---	---	59 U	59 U	---	590 U	59 U	290 U, 330 U	59 U	59 U	59 U	---	59 U	330 U	330 U	330 U
SD-I3	SDI3-1231- 101503-02	12 - 31	10/15/2003	56 U	56 U	56 U	---	---	56 U	56 U	---	---	56 U	280 U, 330 U	56 U	56 U	56 U	---	56 U	330 U	330 U	330 U
SD-J1	SDJ1012-042203-01	0 - 12	4/22/2003	77 U	77 U	77 U	---	---	---	77 U	---	---	77 U	---	77 U	77 U	77 U	---	---	330 U	---	---
SD-J1	SDJ11224-042203-01	12 - 24	4/22/2003	57 U	57 U	57 U	---	---	---	57 U	---	---	57 U	---	57 U	57 U	57 U	---	57 U	330 U	330 U	330 U
SD-J1	SDJ11224-042203-02	12 - 24	4/22/2003	56 U	---	56 U	---	---	---	---	---	---	56 U	140 U	56 U	56 U	56 U	---	56 U	330 U	330 U	330 U
SD-J2	SDJ2-0012- 101503-01	0 - 12	10/15/2003	56 U	56 U	56 U	---	---	56 U	56 U	---	---	56 U	280 U, 330 U	56 U	56 U	---	---	56 U	330 U	---	---
SD-J2	SDJ2-1224- 101503-01	12 - 0	10/15/2003	65 U	65 U	65 U	---	---	65 U	65 U	---	---	65 U	320 U, 330 U	65 U	65 U	---	---	65 U	330 U	---	---
SD-J3	SDJ3012-042203-01	0 - 12	4/22/2003	84 U	84 U	84 U	---	---	---	84 U	84 U	---	84 U	---	84 U	84 U	84 U	84 U	---	330 U	330 U	330 U
SD-J3	SDJ31224-042203-01	12 - 24	4/22/2003	77 U	77 U	77 U	---	---	---	77 U	---	---	77 U	190 U	77 U	77 U	77 U	---	---	330 U	330 U	330 U
SD-K1	SDK1-0012- 101503-01	0 - 12	10/15/2003	80 U	80 U	80 U	---	---	80 U	80 U	---	---	80 U	330 U, 400 U	80 U	80 U	80 U	---	80 U	330 U	---	---
SD-K1	SDK1-1224- 101503-01	12 - 0	10/15/2003	77 U	77 U	77 U	---	---	77 U	77 U	---	---	77 U	330 U, 380 U	77 U	77 U	77 U	---	77 U	330 U	330 U	330 U
SD-K2	SDK2-0012- 101503-01	0 - 12	10/15/2003	56 U	56 U	56 U	---	---	56 U	56 U	---	---	56 U	280 U, 330 U	56 U	56 U	56 U	---	56 U	330 U	330 U	330 U
SD-K2	SDK2-1224- 101503-01	12 - 0	10/15/2003	59 U	---	59 U	---	---	59 U	59 U	---	---	59 U	290 U, 330 U	59 U	59 U	---	---	59 U	330 U	330 U	330 U
SD-K3	SDK3-0012- 101503-01	0 - 12	10/15/2003	67 U	---	67 U	---	---	67 U	67 U	---	---	67 U	330 U	67 U	67 U	---	---	67 U	330 U	330 U	330 U
SD-K3	SDK3-1224- 101503-01	12 - 0	10/15/2003	55 U	55 U	55 U	---	---	55 U	55 U	---	---	55 U	270 U, 330 U	55 U	55 U	---	---	55 U	330 U	330 U	330 U
SD-L1	SDL1012 052003-01	0 - 12	5/20/2003	82 U	82 U	82 U	820 U	---	82 U	82 U	82 U	820 U	82 U	210 U	82 U	82 U	82 U	82 U	82 U	---	---	---
SD-L1	SDL1012 052003-02	0 - 12	5/20/2003	81 U	81 U	81 U	810 U	---	81 U	81 U	81 U	810 U	81 U	200 U	81 U	81 U	81 U	81 U	81 U	---	---	---
SD-L1	SDL11224 052003-01	12 - 24	5/20/2003	68 U	68 U	68 U	---	---	68 U	68 U	---	680 U	68 U	170 U	68 U	68 U	68 U	---	68 U	330 UJ	330 UJ	330 UJ
SD-L2	SDL2012 052003-01	0 - 12	5/20/2003	58 U	58 U	58 U	---	---	58 U	58 U	---	580 U	58 U	140 U	58 U	58 U	58 U	---	58 U	330 UJ	---	330 UJ

APPENDIX C
SEDIMENT
DETECTION LEVELS vs. CRITERIA

Location	FieldID	Depth	Date Sampled	1,1-Dichloro ethane	1,2,4-Trimethyl benzene	4-Isopropyl toluene	Acetone	Acrolein	Chloro form	Chloro methane	cis-1,2-Dichloro ethene	Methyl ethyl ketone	n-Butyl benzene	Naph thalene	sec-Butyl benzene	Styrene	Toluene	trans-1,2-Dichloro ethylene	Trichloro ethene	Anthra cene	Benz(a) anthracene	Benzo(a) pyrene
			Units:	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
			Bacground:	5.8	24	23	761	5.2	22	49.5	81	517	45	78.7	27	13	3.2	81	11	NL	303	332
			PEC:	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	561	NL	NL	NL	NL	NL	845	1,050	1,450
			TEC:	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	176	NL	NL	NL	NL	NL	57.2	108	150
SD-L3	SDL3012 052003-01	0 - 12	5/20/2003	57 U	57 U	57 U	---	---	57 U	57 U	---	570 U	57 U	140 U	57 U	57 U	57 U	---	57 U	330 UJ	330 UJ	330 UJ
SD-L3	SDL31224 052003-01	12 - 24	5/20/2003	60 U	60 U	60 U	---	---	60 U	60 U	---	600 U	60 U	150 U	60 U	60 U	60 U	---	60 U	330 UJ	330 UJ	330 UJ
SD-M1	SDM1012 052003-01	0 - 12	5/20/2003	60 U	60 U	60 U	---	---	60 U	60 U	---	600 U	60 U	150 U	60 U	60 U	60 U	---	60 U	330 UJ	330 UJ	330 UJ
SD-M1	SDM11224 052003-01	12 - 24	5/20/2003	60 U	60 U	60 U	---	---	60 U	60 U	---	600 U	60 U	150 U	60 U	60 U	60 U	---	60 U	330 UJ	330 UJ	330 UJ
SD-M2	SDM2012 052003-01	0 - 12	5/20/2003	71 U	71 U	71 U	---	---	71 U	71 U	---	710 U	71 U	180 U	71 U	71 U	71 U	---	71 U	330 UJ	330 UJ	---
SD-M2	SDM21224 052003-01	12 - 24	5/20/2003	60 U	60 U	60 U	---	---	60 U	60 U	---	600 U	60 U	150 U	60 U	60 U	60 U	---	60 U	330 UJ	330 UJ	330 UJ
SD-M3	SDM3012 052003-01	0 - 12	5/20/2003	82 U	82 U	82 U	820 U	---	82 U	82 U	82 U	820 U	82 U	200 U	82 U	82 U	82 U	82 U	82 U	330 UJ	330 UJ	---
SD-M3	SDM31224 052003-01	12 - 24	5/20/2003	73 U	73 U	73 U	---	---	73 U	73 U	---	730 U	73 U	180 U	73 U	73 U	73 U	---	73 U	330 UJ	330 UJ	330 UJ
SDB1	SDB1-0016- 101703-01	0 - 16	10/17/2003	---	---	63 U	---	---	63 U	63 U	---	---	63 U	320 U	63 U	63 U	63 U	---	63 U	---	---	---
SDB2	SDB2-0016- 101703-01	0 - 16	10/17/2003	---	---	65 U	---	---	65 U	65 U	---	---	65 U	---	65 U	65 U	---	---	---	---	---	---
SDB3	SDB3-0012- 101703-01	0 - 12	10/17/2003	120 U	---	120 U	---	---	120 U	120 U	120 U	---	120 U	---	120 U	120 U	120 U	120 U	120 U	---	---	---
SDB3	SDB3-1228- 101703-01	12 - 28	10/17/2003	---	81 U	81 U	---	---	81 U	81 U	---	---	81 U	410 U	81 U	81 U	81 U	81 U	81 U	330 U	330 U	330 U
SDB3	SDB3-1228- 101703-02	12 - 28	10/17/2003	---	80 U	80 U	---	---	80 U	80 U	---	---	80 U	400 U	80 U	80 U	---	---	80 U	330 U	330 U	330 U
SDB3	SDB3-3642- 101703-01	36 - 42	10/17/2003	56 U	56 U	56 U	---	---	56 U	56 U	---	---	56 U	280 U	56 U	56 U	56 U	---	56 U	330 U	330 U	330 U
SDBG1	SDBG1012-041803-01	0 - 12	4/18/2003	120 U	---	---	---	---	---	---	120 U	---	---	---	---	---	120 U	120 U	120 U	430 U	---	---
SDBG1	SDBG11224-041803-01	12 - 24	4/18/2003	86 U	---	86 U	---	---	---	---	86 U	---	86 U	---	86 U	86 U	86 U	86 U	86 U	330 U	330 U	330 U
SDBG2	SDBG2012-041803-01	0 - 12	4/18/2003	69 U	---	69 U	---	---	69 U	---	---	---	69 U	---	69 U	69 U	69 U	---	69 U	330 U	---	---
SDBG2	SDBG21224-041803-01	12 - 24	4/18/2003	76 U	76 U	76 U	---	---	76 U	---	---	---	76 U	---	76 U	76 U	76 U	---	76 U	330 U	330 U	330 U
SDBG3	SDBG3012-042103-01	0 - 12	4/21/2003	59 U	59 U	59 U	---	---	---	---	---	---	59 U	---	59 U	59 U	59 U	---	59 U	330 U	330 U	330 U
SDBG3	SDBG31224-042103-01	12 - 24	4/21/2003	54 U	54 U	54 U	---	---	---	---	---	---	54 U	---	54 U	54 U	54 U	---	54 U	330 U	330 U	330 U
SDBG4	SDBG4012-042103-01	0 - 12	4/21/2003	63 U	63 U	63 U	---	---	63 U	---	---	---	63 U	---	63 U	63 U	63 U	---	63 U	330 U	---	---
SDBG4	SDBG41224-042103-01	12 - 24	4/21/2003	68 U	68 U	68 U	---	---	---	---	---	---	68 U	170 U	68 U	68 U	68 U	---	68 U	330 U	330 U	330 U
SDBG5	SDBG5012-042103-01	0 - 12	4/21/2003	79 U	79 U	79 U	---	---	---	---	---	790 U	79 U	200 U	79 U	79 U	79 U	---	79 U	330 U	---	---
SDBG5	SDBG51224-042103-01	12 - 24	4/21/2003	67 U	67 U	67 U	---	---	---	---	---	670 U	67 U	170 U	67 U	67 U	67 U	---	67 U	330 U	330 U	330 U
SDC2	SDC2-0013- 101703-01	0 - 13	10/17/2003	69 U	---	69 U	---	---	69 U	69 U	---	---	69 U	---	69 U	69 U	---	---	69 U	---	---	---
SDC3	SDC3-4248- 101703-01	42 - 48	10/17/2003	---	86 U	86 U	---	---	86 U	86 U	---	---	86 U	430 U	86 U	86 U	86 U	86 U	86 U	330 U	330 U	330 U
SDD1	SDD1-0006- 101603-01	0 - 6	10/16/2003	---	---	62 U	---	---	62 U	62 U	---	---	62 U	310 U	62 U	62 U	---	---	62 U	---	---	---
SDD2	SDD2-0007- 101603-01	0 - 7	10/16/2003	---	---	72 U	---	---	72 U	72 U	---	---	72 U	360 U	72 U	72 U	---	---	72 U	---	---	---
SDD2	SDD2-2430- 101703-01	24 - 30	10/17/2003	58 U	58 U	58 U	---	---	58 U	58 U	---	---	58 U	290 U	58 U	58 U	58 U	---	58 U	330 U	---	330 U
SDD3	SDD3-0012- 101603-01	0 - 12	10/16/2003	74 U	---	74 U	---	---	74 U	74 U	---	---	74 U	---	74 U	74 U	---	---	74 U	---	---	---
SDE1	SDE1-3642- 101703-01	36 - 42	10/17/2003	63 U	63 U	63 U	---	---	63 U	63 U	---	---	63 U	310 U	63 U	63 U	63 U	---	63 U	330 U	---	---
SDF1	SDF1-0012- 101603-01	0 - 12	10/16/2003	54 U	---	54 U	---	---	54 U	54 U	---	---	54 U	---	54 U	54 U	---	---	54 U	330 U	---	---
SDF1	SDF1-1224- 101603-01	12 - 24	10/16/2003	54 U	---	54 U	---	---	54 U	54 U	---	---	54 U	270 U	54 U	54 U	---	---	54 U	330 U	330 U	330 U
SDF2	SDF2-0012- 101603-01	0 - 12	10/16/2003	69 U	---	69 U	---	---	69 U	69 U	---	---	69 U	350 U	69 U	69 U	---	---	69 U	---	---	---
SDF2	SDF2-1226- 101603-01	12 - 26	10/16/2003	59 U	---	59 U	---	---	59 U	59 U	---	---	59 U	290 U	59 U	59 U	---	---	59 U	330 U	---	330 U
SDF3	SDF3-0012- 101603-01	0 - 12	10/16/2003	74 U	---	74 U	---	---	74 U	74 U	---	---	74 U	370 U	74 U	74 U	---	---	74 U	330 U	---	---
SDF3	SDF3-1222- 101603-01	12 - 22	10/16/2003	63 U	---	63 U	---	---	63 U	63 U	---	---	63 U	310 U	63 U	63 U	---	---	63 U	330 U	330 U	330 U
SE/RC-10/1	SE/RC-10/1	0 - 3	1/1/1994	---	---	---	---	120 U	---	---	---	---	---	---	---	---	5.8 U	---	---	380 U	380 U	380 U
SE/RC-10/2	SE/RC-10/2	6 - 12	1/1/1994	---	---	---	---	120 U	---	---	---	---	---	---	---	---	5.8 U	---	---	380 U	380 U	380 U
SE/RC-100/1	SE/RC-100/1	0 - 3	9/1/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	420 U	---	---
SE/RC-101/1	SE/RC-101/1	0 - 3	9/1/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	450 U	450 U	450 U
SE/RC-102/1	SE/RC-102/1	0 - 3	9/1/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	370 U	370 U	370 U
SE/RC-103/1	SE/RC-103/1	0 - 3	9/1/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	450 U	---	---
SE/RC-11/1	SE/RC-11/1	0 - 3	1/1/1994	---	---	---	---	200 U	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SE/RC-11/2	SE/RC-11/2	6 - 12	1/1/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	5.6 U	---	---	370 U	370 U	370 U
SE/RC-12/1	SE/RC-12/1	0 - 3	1/1/1994	16 U	---	---	---	330 U	---	---	---	---	---	---	---	---	16 U	---	16 U	540 U	540 U	---
SE/RC-12/2	SE/RC-12/2	6 - 12	1/1/1994	6.7 U	---	---	---	130 U	---	---	---	---	---	---	---	---	---	---	---	440 U	440 U	---
SE/RC-13/1	SE/RC-13/1	0 - 3	1/1/1994	8.4 U	---	---	---	170 U	---	---	---	---	---	---	---	---	8.4 U	---	---	5600 U	5600 U	5600 U
SE/RC-13/2	SE/RC-13/2	6 - 12	1/1/1994	9.6 U	---	---	---	190 U	---	---	---	---	---	---	---	---	9.6 U	---	---	6300 U	6300 U	6300 U
SE/RC-13/2	SE/RC-13/2 Dup	6 - 12	1/1/1994	8.3 U	---	---	---	170 U	---	---	---	---	---	---	---	---	8.3 U	---	---	550 U	550 U	550 U
SE/RC-14/1	SRC-14/136787	0 - 0	9/18/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	69 U	---	---
SE/RC-15/1	SRC-15/136787	0 - 0	9/18/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	77 U	---	---
SE/RC-15/2	SRC-15/236787	0 - 0	9/18/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	72 U	---	---
SE/RC-16/1	SRC-16/136787	0 - 0	9/18/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	74 U	---	---
SE/RC-17/1	SRC-17/136787	0 - 0	9/18/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	89 U	---	---
SE/RC-17/2	SRC-17/236787	0 - 0	9/18/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	88 U	---	---
SE/RC-18/1	SRC-18/136787	0 - 0	9/18/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	69 U	---	---
SE/RC-19/1	SRC-19/136787	0 - 0	9/18/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SE/RC-19/2	SRC-19/236787	0 - 0	9/18/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SE/RC-20/1	SRC-20/136787	0 - 0	9/18/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	63 U	---	---
SE/RC-21/1	SRC-21/136787	0 - 0	9/18/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	70 U	---	---

APPENDIX C
SEDIMENT
DETECTION LEVELS vs. CRITERIA

Location	FieldID	Depth	Date Sampled	1,1-Dichloro ethane	1,2,4-Trimethyl benzene	4-Isopropyl toluene	Acetone	Acrolein	Chloro form	Chloro methane	cis-1,2-Dichloro ethene	Methyl ethyl ketone	n-Butyl benzene	Naph thalene	sec-Butyl benzene	Styrene	Toluene	trans-1,2-Dichloro ethylene	Trichloro ethene	Anthra cene	Benz(a) anthracene	Benzo(a) pyrene
			Units:	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
			Bacground:	5.8	24	23	761	5.2	22	49.5	81	517	45	78.7	27	13	3.2	81	11	NL	303	332
			PEC:	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	561	NL	NL	NL	NL	NL	845	1,050	1,450
			TEC:	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	176	NL	NL	NL	NL	NL	57.2	108	150
SE/RC-21/2	SRC-21/236787	0 - 0	9/18/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	67 U	---	---
SE/RC-22/1	SRC-22/136787	0 - 0	9/18/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	77 U	---	---
SE/RC-22/2	SRC-22/236787	0 - 0	9/18/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	64 U	---	---
SE/RC-22A/1	SRC-22A/136787	0 - 0	9/18/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	68 U	---	---
SE/RC-22A/2	SRC-22A/236787	0 - 0	9/18/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	67 U	---	---
SE/RC-23/1	SRC-23/1 DEP36787	0 - 0	9/18/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	180 U	---	---
SE/RC-23/2	SRC-23/236787	0 - 0	9/18/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	59 U	---	---
SE/RC-24-1	SRC-24/136787	0 - 0	9/18/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	83 U	---	---
SE/RC-25-1	SRC-25/136787	0 - 0	9/18/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	71 U	---	---
SE/RC-6/1	SE/RC-6/1	6 - 12	1/1/1994	9.6 U	---	---	---	190 U	---	---	---	---	---	---	---	---	9.6 U	---	---	630 U	630 U	---
SE/RC-6/2	SE-RC-6/2	6 - 12	1/1/1994	7.2 U	---	---	---	140 U	---	---	---	---	---	---	---	---	7.2 U	---	---	480 U	480 U	---
SE/RC-7/1	SE/RC-7/1	0 - 3	1/1/1994	7.7 U	---	---	---	150 U	---	---	---	---	---	---	---	---	7.7 U	---	---	---	---	---
SE/RC-7/2	SE/RC-7/2	6 - 12	1/1/1994	8.4 U	---	---	---	170 U	---	---	---	---	---	---	---	---	---	---	---	2200 U	---	---
SE/RC-8/1	SE/RC-8/1	0 - 3	1/1/1994	17 U	---	---	---	350 U	---	---	---	---	---	---	---	---	17 U	---	17 U	1200 U	---	---
SE/RC-8/2	SE/RC-8/2	6 - 12	1/1/1994	6.7 U	---	---	---	130 U	---	---	---	---	---	---	---	---	6.7 U	---	---	440 U	440 U	---
SE/RC-9/1	SE/RC-9/1	0 - 3	1/1/1994	7.4 U	---	---	---	150 U	---	---	---	---	---	---	---	---	7.4 U	---	---	490 U	490 U	---
SE/RC-9/2	SE/RC-9/2	6 - 12	1/1/1994	7.4 U	---	---	---	150 U	---	---	---	---	---	---	---	---	---	---	---	980 U	980 U	980 U
SO/RC-23/1	SRC-23/136787	0 - 0	9/18/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	60 U	---	---

NOTES:

U - Undetected.
NL - A standard values was not listed for this compound.
--- Standards not exceeded.

APPENDIX C
SEDIMENT
DETECTION LEVELS vs. CRITERIA

Location	FieldID	Depth	Date Sampled	Benzo(b) fluoran thene	Benzo(g,h,i) perylene	Benzo(k) fluoran thene	Benzoic acid	bis(2-Ethylhexyl)ph thalate	Chrysene	Di-N-Butyl phthalate	Dibenz(a,h)ant hracene	Dimethyl phthalate	Fluoran thene	Fluorene	Indeno (1,2,3-cd) pyrene	Naph thalene	Phenan threne	Pyrene	Mercury, Total	Silver, Total	Cyanide, Total
			Units:	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	mg/kg	mg/kg	mg/kg
			Bacground:	307	160	270	320	110	350	220	NL	38	631	NL	160	78.7	240	518	0.147	1	0.87
			PEC:	NL	NL	NL	NL	NL	1,290	NL	NL	NL	2,230	536	NL	561	1,170	1,520	1.06	NL	NL
			TEC:	NL	NL	NL	NL	NL	166	NL	33	NL	423	77.4	NL	176	204	195	0.18	NL	NL
SD-A1	SDA1012-042303-01	0 - 12	4/23/2003	---	---	---	3300 U	---	---	330 U	330 U	3300 U	---	330 U	330 U	330 U	---	---	---	---	---
SD-A1	SDA11224-042303-01	12 - 24	4/23/2003	330 U	330 U	330 U	3300 U	---	330 U	330 U	330 U	3300 U	---	330 U	330 U	330 U	330 U	330 U	---	---	---
SD-A2	SDA2012-042303-01	0 - 12	4/23/2003	---	---	---	3300 U	---	---	330 U	330 U	3300 U	---	330 U	330 U	330 U	---	---	---	---	---
SD-A2	SDA2012-042303-02	0 - 12	4/23/2003	330 U	330 U	330 U	3300 U	---	---	330 U	330 U	3300 U	---	330 U	330 U	330 U	330 U	---	---	---	---
SD-A2	SDA21224-042303-01	12 - 24	4/23/2003	330 U	330 U	330 U	3300 U	---	330 U	330 U	330 U	3300 U	---	330 U	330 U	330 U	330 U	330 U	---	---	---
SD-A3	SDA3012-042303-01	0 - 12	4/23/2003	330 U	330 U	330 U	3300 U	330 U	330 U	330 U	330 U	3300 U	---	330 U	330 U	330 U	330 U	---	---	---	---
SD-A3	SDA31224-042303-01	12 - 24	4/23/2003	330 U	330 U	330 U	3300 U	---	330 U	---	330 U	3300 U	---	330 U	330 U	330 U	330 U	330 U	---	---	---
SD-C1	SDC1012-042203-01	0 - 12	4/22/2003	330 U	330 U	330 U	3300 U	---	330 U	---	330 U	3300 U	---	330 U	330 U	330 U	330 U	330 U	---	---	---
SD-C1	SDC11224-042203-01	12 - 24	4/22/2003	330 U	330 U	330 U	3300 U	---	330 U	---	330 U	3300 U	---	330 U	330 U	330 U	330 U	330 U	---	---	---
SD-C3	SDC3012-042203-01	0 - 12	4/22/2003	330 U	330 U	330 U	3300 U	330 U	---	---	330 U	3300 U	---	330 U	330 U	330 U	---	---	---	---	---
SD-C3	SDC31224-042203-01	12 - 24	4/22/2003	330 U	330 U	330 U	3300 U	330 U	330 U	---	330 U	3300 U	---	330 U	330 U	330 U	330 U	330 U	---	---	---
SD-C3	SDC31224-042203-02	12 - 24	4/22/2003	330 U	330 U	330 U	3300 U	330 U	330 U	---	330 U	3300 U	---	330 U	330 U	330 U	330 U	---	---	---	---
SD-E1	SDE1012-042203-01	0 - 12	4/22/2003	---	---	---	3300 U	---	---	330 U	330 U	3300 U	---	---	---	330 U	---	---	---	---	---
SD-E1	SDE11224-042203-01	12 - 24	4/23/2003	---	---	---	3300 U	---	---	330 U	330 U	3300 U	---	---	---	330 U	---	---	---	---	---
SD-E2	SDE2012-042203-01	0 - 12	4/22/2003	330 U	330 U	330 U	3300 U	330 U	330 U	330 U	330 U	3300 U	---	330 U	330 U	330 U	---	---	---	---	---
SD-E2	SDE21224-042203-01	12 - 24	4/22/2003	---	---	---	3300 U	---	---	330 U	330 U	3300 U	---	---	---	330 U	---	---	---	---	---
SD-E3	SDE3012-042203-01	0 - 12	4/22/2003	330 U	330 U	330 U	3300 U	---	330 U	330 U	330 U	3300 U	---	330 U	330 U	330 U	---	---	---	---	---
SD-E3	SDE31224-042203-01	12 - 24	4/22/2003	330 U	330 U	330 U	3300 U	---	330 U	---	330 U	3300 U	---	330 U	330 U	330 U	330 U	330 U	---	---	---
SD-G1	SDG1-0012- 101603-01	0 - 12	10/16/2003	330 U	330 U	330 U	---	---	330 U	---	330 U	3300 U	---	330 U	330 U	---	330 U	330 U	---	---	---
SD-G1	SDG1-1228- 101603-01	12 - 28	10/16/2003	330 U	330 U	330 U	---	---	330 U	---	330 U	3300 U	---	330 U	330 U	---	330 U	330 U	---	---	---
SD-G1	SDG1-1228- 101603-02	12 - 28	10/16/2003	330 U	330 U	330 U	---	---	330 U	---	330 U	3300 U	---	330 U	330 U	---	330 U	330 U	---	---	---
SD-G2	SDG2-0012- 101603-01	0 - 12	10/16/2003	---	---	---	3300 U	---	---	---	---	3300 U	---	---	---	---	---	---	---	---	---
SD-G2	SDG2-1227- 101603-01	12 - 27	10/16/2003	330 U	330 U	330 U	---	---	330 U	---	330 U	3300 U	---	330 U	330 U	---	330 U	330 U	---	---	---
SD-G2	SDG2-1227- 101603-02	12 - 27	10/16/2003	330 U	330 U	330 U	---	---	330 U	---	330 U	3300 U	---	330 U	330 U	---	330 U	330 U	---	---	---
SD-G3	SDG3-0014- 101603-01	0 - 14	10/16/2003	---	330 U	330 U	3300 U	---	---	---	330 U	3300 U	---	330 U	330 U	---	---	---	---	---	---
SD-H1	SDHI-0012- 101603-01	0 - 12	10/16/2003	330 U	330 U	---	3300 U	---	---	---	330 U	3300 U	---	330 U	330 U	---	---	---	---	---	---
SD-H1	SDHI-1224- 101603-01	12 - 0	10/16/2003	330 U	330 U	330 U	---	---	---	---	330 U	3300 U	---	330 U	330 U	---	---	---	---	---	---
SD-H1	SDHI-2436- 101603-01	24 - 36	10/16/2003	330 U	330 U	330 U	3300 U	---	330 U	---	330 U	3300 U	---	330 U	330 U	---	330 U	330 U	---	---	---
SD-H2	SDH2-0012- 101603-01	0 - 12	10/16/2003	---	---	---	---	---	---	---	330 U	---	---	330 U	---	---	---	---	---	---	---
SD-H2	SDH2-1224- 101603-01	12 - 0	10/16/2003	330 U	---	330 U	---	---	---	---	330 U	3300 U	---	330 U	330 U	---	330 U	---	---	---	---
SD-H2	SDH2-2445- 101603-01	24 - 45	10/16/2003	330 U	330 U	330 U	---	---	330 U	---	330 U	3300 U	---	330 U	330 U	---	330 U	330 U	---	---	---
SD-H2	SDH2-2445- 101603-02	24 - 45	10/16/2003	330 U	330 U	330 U	---	---	330 U	---	330 U	3300 U	---	330 U	330 U	---	330 U	330 U	---	---	---
SD-H3	SDH3-0012- 101603-01	0 - 12	10/16/2003	---	---	---	3300 U	---	330 U	---	330 U	3300 U	---	330 U	330 U	---	---	---	---	---	---
SD-H3	SDH3-1221- 101603-01	12 - 21	10/16/2003	330 U	330 U	330 U	3300 U	---	330 U	---	330 U	3300 U	---	330 U	330 U	---	330 U	330 U	---	---	---
SD-I1	SDI1-0012- 101503-01	0 - 12	10/15/2003	330 U	330 U	330 U	3300 U	---	330 U	---	330 U	3300 U	---	330 U	330 U	---	330 U	330 U	---	---	---
SD-I1	SDI1-1224- 101503-01	12 - 0	10/15/2003	330 U	330 U	330 U	3300 U	---	330 U	---	330 U	3300 U	---	330 U	330 U	---	330 U	330 U	---	---	---
SD-I1	SDI1-2445- 101503-01	24 - 45	10/15/2003	330 U	330 U	330 U	---	---	330 U	---	330 U	3300 U	---	330 U	330 U	---	330 U	330 U	---	---	---
SD-I1	SDI1-2445- 101503-02	24 - 45	10/15/2003	330 U	330 U	330 U	3300 U	---	330 U	---	330 U	3300 U	---	330 U	330 U	---	330 U	330 U	---	---	---
SD-I2	SDI2-0012- 101503-01	0 - 12	10/15/2003	---	---	---	3300 U	---	---	---	330 U	3300 U	---	330 U	---	---	---	---	---	---	---
SD-I2	SDI2-1224- 101503-01	12 - 0	10/15/2003	330 U	330 U	330 U	---	---	330 U	---	330 U	3300 U	---	330 U	330 U	---	330 U	330 U	---	---	---
SD-I2	SDI2-2436- 101503-01	24 - 36	10/15/2003	330 U	330 U	330 U	---	---	330 U	---	330 U	3300 U	---	330 U	330 U	---	330 U	330 U	---	---	---
SD-I3	SDI3-0012- 101503-01	0 - 12	10/15/2003	---	---	---	---	---	---	---	330 U	3300 U	---	330 U	---	---	---	---	---	---	---
SD-I3	SDI3-1231- 101503-01	12 - 31	10/15/2003	330 U	330 U	330 U	---	---	330 U	---	330 U	3300 U	---	330 U	330 U	---	330 U	330 U	---	---	---
SD-I3	SDI3-1231- 101503-02	12 - 31	10/15/2003	330 U	330 U	330 U	---	---	330 U	---	330 U	3300 U	---	330 U	330 U	---	330 U	330 U	---	---	---
SD-J1	SDJ1012-042203-01	0 - 12	4/22/2003	---	330 U	---	3300 U	---	---	---	330 U	3300 U	---	330 U	330 U	330 U	---	---	---	---	---
SD-J1	SDJ11224-042203-01	12 - 24	4/22/2003	330 U	330 U	330 U	3300 U	---	330 U	330 U	330 U	3300 U	---	330 U	330 U	330 U	330 U	330 U	---	---	---
SD-J1	SDJ11224-042203-02	12 - 24	4/22/2003	330 U	330 U	330 U	3300 U	330 U	330 U	---	330 U	3300 U	---	330 U	330 U	330 U	330 U	330 U	---	---	---
SD-J2	SDJ2-0012- 101503-01	0 - 12	10/15/2003	---	---	---	---	---	---	---	330 U	3300 U	---	330 U	---	---	---	---	---	---	---
SD-J2	SDJ2-1224- 101503-01	12 - 0	10/15/2003	---	330 U	---	---	---	---	330 U	330 U	3300 U	---	330 U	330 U	---	---	---	---	---	---
SD-J3	SDJ3012-042203-01	0 - 12	4/22/2003	330 U	330 U	330 U	3300 U	---	330 U	---	330 U	3300 U	---	330 U	330 U	330 U	330 U	330 U	---	---	---
SD-J3	SDJ31224-042203-01	12 - 24	4/22/2003	330 U	330 U	330 U	---	---	330 U	330 U	330 U	3300 U	---	330 U	330 U	330 U	330 U	330 U	---	---	---
SD-K1	SDK1-0012- 101503-01	0 - 12	10/15/2003	---	330 U	330 U	---	---	---	---	330 U	3300 U	---	330 U	330 U	---	---	---	---	---	---
SD-K1	SDK1-1224- 101503-01	12 - 0	10/15/2003	330 U	330 U	330 U	---	---	330 U	---	330 U	3300 U	---	330 U	330 U	---	330 U	330 U	---	---	---
SD-K2	SDK2-0012- 101503-01	0 - 12	10/15/2003	330 U	330 U	330 U	3300 U	---	330 U	---	330 U	3300 U	---	330 U	330 U	---	330 U	330 U	---	---	---
SD-K2	SDK2-1224- 101503-01	12 - 0	10/15/2003	330 U	330 U	330 U	3300 U	---	330 U	---	330 U	3300 U	---	330 U	330 U	---	330 U	330 U	---	---	---
SD-K3	SDK3-0012- 101503-01	0 - 12	10/15/2003	330 U	330 U	330 U	3300 U	---	330 U	---	330 U	3300 U	---	330 U	330 U	---	330 U	330 U	---	---	---
SD-K3	SDK3-1224- 101503-01	12 - 0	10/15/2003	330 U	330 U	330 U	3300 U	---	330 U	---	330 U	3300 U	---	330 U	330 U	---	330 U	330 U	---	---	---
SD-L1	SDL1012 052003-01	0 - 12	5/20/2003	---	---	---	3300 UJ	330 UJ	---	---	330 UJ	3300 UJ	---	---	---	330 UJ	---	---	---	---	---
SD-L1	SDL1012 052003-02	0 - 12	5/20/2003	---	---	---	3300 UJ	---	---	330 UJ	330 UJ	3300 UJ	---	330 UJ	---	330 UJ	---	---	---	---	---
SD-L1	SDL11224 052003-01	12 - 24	5/20/2003	330 UJ	330 UJ	330 UJ	3300 UJ	330 UJ	330 UJ	330 UJ	330 UJ	3300 UJ	---	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	---	---	---
SD-L2	SDL2012 052003-01	0 - 12	5/20/2003	---	---	---	3300 UJ	330 UJ	---	---	330 UJ	3300 UJ	---	330 UJ	---	330 UJ	---	---	---	---	---

APPENDIX C
SEDIMENT
DETECTION LEVELS vs. CRITERIA

Location	FieldID	Depth	Date Sampled	Benzo(b) fluoran thene	Benzo(g,h,i) perylene	Benzo(k) fluoran thene	Benzoic acid	bis(2-Ethylhexyl)ph thalate	Chrysene	Di-N-Butyl phthalate	Dibenz(a,h)ant hracene	Dimethyl phthalate	Fluoran thene	Fluorene	Indeno (1,2,3-cd) pyrene	Naph thalene	Phenan threne	Pyrene	Mercury, Total	Silver, Total	Cyanide, Total
			Units:	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	mg/kg	mg/kg	mg/kg
			Bacground:	307	160	270	320	110	350	220	NL	38	631	NL	160	78.7	240	518	0.147	1	0.87
			PEC:	NL	NL	NL	NL	NL	1,290	NL	NL	NL	2,230	536	NL	561	1,170	1,520	1.06	NL	NL
			TEC:	NL	NL	NL	NL	NL	166	NL	33	NL	423	77.4	NL	176	204	195	0.18	NL	NL
SD-L3	SDL3012 052003-01	0 - 12	5/20/2003	330 UJ	330 UJ	330 UJ	3300 UJ	330 UJ	330 UJ	---	330 UJ	3300 UJ	---	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	---	---	---
SD-L3	SDL31224 052003-01	12 - 24	5/20/2003	330 UJ	330 UJ	330 UJ	3300 UJ	330 UJ	330 UJ	---	330 UJ	3300 UJ	---	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	---	---	---
SD-M1	SDM1012 052003-01	0 - 12	5/20/2003	330 UJ	330 UJ	330 UJ	3300 UJ	330 UJ	330 UJ	---	330 UJ	3300 UJ	---	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	---	---	---
SD-M1	SDM11224 052003-01	12 - 24	5/20/2003	330 UJ	330 UJ	330 UJ	3300 UJ	330 UJ	330 UJ	---	330 UJ	3300 UJ	---	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	---	---	---
SD-M2	SDM2012 052003-01	0 - 12	5/20/2003	330 UJ	330 UJ	---	3300 UJ	330 UJ	330 UJ	---	330 UJ	3300 UJ	---	330 UJ	330 UJ	330 UJ	---	---	---	---	---
SD-M2	SDM21224 052003-01	12 - 24	5/20/2003	330 UJ	330 UJ	330 UJ	3300 UJ	330 UJ	330 UJ	---	330 UJ	3300 UJ	---	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	---	---	---
SD-M3	SDM3012 052003-01	0 - 12	5/20/2003	---	330 UJ	---	3300 UJ	330 UJ	---	---	330 UJ	3300 UJ	---	330 UJ	330 UJ	330 UJ	---	---	---	---	---
SD-M3	SDM31224 052003-01	12 - 24	5/20/2003	330 UJ	330 UJ	330 UJ	3300 UJ	330 UJ	330 UJ	---	330 UJ	3300 UJ	---	330 UJ	330 UJ	330 UJ	330 UJ	330 UJ	---	---	---
SDB1	SDB1-0016- 101703-01	0 - 16	10/17/2003	---	---	---	3300 U	---	---	---	---	3300 U	---	---	---	330 U	---	---	---	---	---
SDB2	SDB2-0016- 101703-01	0 - 16	10/17/2003	---	---	---	3300 U	---	---	---	---	3300 U	---	---	---	---	---	---	---	---	---
SDB3	SDB3-0012- 101703-01	0 - 12	10/17/2003	---	---	---	3300 U	---	---	---	---	3300 U	---	---	---	330 U	---	---	---	---	---
SDB3	SDB3-1228- 101703-01	12 - 28	10/17/2003	330 U	330 U	330 U	---	---	---	---	330 U	3300 U	---	330 U	330 U	330 U	330 U	---	---	---	---
SDB3	SDB3-1228- 101703-02	12 - 28	10/17/2003	330 U	330 U	330 U	---	---	---	---	330 U	3300 U	---	330 U	330 U	330 U	330 U	---	---	---	---
SDB3	SDB3-3642- 101703-01	36 - 42	10/17/2003	330 U	330 U	330 U	3300 U	---	---	---	330 U	3300 U	---	330 U	330 U	330 U	330 U	---	---	---	---
SDBG1	SDBG1012-041803-01	0 - 12	4/18/2003	---	430 U	430 U	4300 U	---	---	---	430 U	4300 U	---	430 U	430 U	430 U	---	---	---	---	---
SDBG1	SDBG11224-041803-01	12 - 24	4/18/2003	330 U	330 U	330 U	---	---	330 U	---	330 U	3300 U	---	330 U	330 U	330 U	330 U	330 U	---	---	---
SDBG2	SDBG2012-041803-01	0 - 12	4/18/2003	---	330 U	330 U	3300 U	---	---	---	330 U	---	---	330 U	330 U	330 U	---	---	---	---	---
SDBG2	SDBG21224-041803-01	12 - 24	4/18/2003	330 U	330 U	330 U	---	---	330 U	---	330 U	3300 U	---	330 U	330 U	330 U	330 U	330 U	---	---	---
SDBG3	SDBG3012-042103-01	0 - 12	4/21/2003	330 U	330 U	330 U	3300 U	---	330 U	330 U	330 U	3300 U	---	330 U	330 U	330 U	330 U	---	---	---	---
SDBG3	SDBG31224-042103-01	12 - 24	4/21/2003	330 U	330 U	330 U	3300 U	330 U	330 U	330 U	330 U	3300 U	---	330 U	330 U	330 U	330 U	330 U	---	---	---
SDBG4	SDBG4012-042103-01	0 - 12	4/21/2003	---	---	---	3300 U	---	---	---	330 U	3300 U	---	330 U	---	330 U	---	---	---	---	---
SDBG4	SDBG41224-042103-01	12 - 24	4/21/2003	330 U	330 U	330 U	---	---	330 U	---	330 U	3300 U	---	330 U	330 U	330 U	330 U	330 U	---	---	---
SDBG5	SDBG5012-042103-01	0 - 12	4/21/2003	---	---	---	3300 U	---	---	---	330 U	3300 U	---	330 U	---	330 U	---	---	---	---	---
SDBG5	SDBG51224-042103-01	12 - 24	4/21/2003	330 U	330 U	330 U	---	---	330 U	---	330 U	3300 U	---	330 U	330 U	330 U	330 U	330 U	---	---	---
SDC2	SDC2-0013- 101703-01	0 - 13	10/17/2003	---	---	---	---	---	---	---	---	3300 U	---	---	---	330 U	---	---	---	---	---
SDC3	SDC3-4248- 101703-01	42 - 48	10/17/2003	330 U	330 U	330 U	3300 U	---	330 U	---	330 U	3300 U	---	330 U	330 U	330 U	330 U	330 U	---	---	---
SDD1	SDD1-0006- 101603-01	0 - 6	10/16/2003	---	---	---	---	---	---	---	330 U	3300 U	---	330 U	---	330 U	---	---	---	---	---
SDD2	SDD2-0007- 101603-01	0 - 7	10/16/2003	---	---	---	3300 U	---	---	---	---	---	---	---	---	330 U	---	---	---	---	---
SDD2	SDD2-2430- 101703-01	24 - 30	10/17/2003	330 U	---	330 U	3300 U	---	---	---	330 U	3300 U	---	330 U	330 U	330 U	---	---	---	---	---
SDD3	SDD3-0012- 101603-01	0 - 12	10/16/2003	---	---	---	---	---	---	---	---	3300 U	---	---	---	330 U	---	---	---	---	---
SDE1	SDE1-3642- 101703-01	36 - 42	10/17/2003	330 U	---	330 U	3300 U	---	---	---	330 U	3300 U	---	330 U	330 U	330 U	---	---	---	---	---
SDF1	SDF1-0012- 101603-01	0 - 12	10/16/2003	---	---	---	3300 U	---	---	---	330 U	3300 U	---	330 U	---	330 U	---	---	---	---	---
SDF1	SDF1-1224- 101603-01	12 - 24	10/16/2003	330 U	330 U	330 U	3300 U	---	330 U	---	330 U	3300 U	---	330 U	330 U	330 U	330 U	330 U	---	---	---
SDF2	SDF2-0012- 101603-01	0 - 12	10/16/2003	---	---	---	---	---	---	---	---	3300 U	---	---	---	330 U	---	---	---	---	---
SDF2	SDF2-1226- 101603-01	12 - 26	10/16/2003	330 U	330 U	330 U	3300 U	---	---	---	330 U	3300 U	---	330 U	330 U	330 U	---	---	---	---	---
SDF3	SDF3-0012- 101603-01	0 - 12	10/16/2003	---	---	---	3300 U	---	---	---	330 U	3300 U	---	330 U	---	330 U	---	---	---	---	---
SDF3	SDF3-1222- 101603-01	12 - 22	10/16/2003	330 U	330 U	330 U	3300 U	---	330 U	---	330 U	3300 U	---	330 U	330 U	330 U	---	---	---	---	---
SE/RC-10/1	SE/RC-10/1	0 - 3	1/1/1994	380 U	380 U	380 U	---	380 U	380 U	380 U	---	380 U	---	380 U	380 U	---	380 U	380 U	---	1.2 U	---
SE/RC-10/2	SE/RC-10/2	6 - 12	1/1/1994	380 U	380 U	380 U	---	380 U	380 U	380 U	---	380 U	---	380 U	380 U	---	380 U	380 U	---	---	---
SE/RC-100/1	SE/RC-100/1	0 - 3	9/1/2000	---	420 U	420 U	---	---	---	---	---	---	---	420 U	420 U	420 U	420 U	---	---	---	---
SE/RC-101/1	SE/RC-101/1	0 - 3	9/1/2000	450 U	450 U	450 U	---	450 U	450 U	450 U	---	---	450 U	450 U	450 U	450 U	450 U	450 U	---	---	---
SE/RC-102/1	SE/RC-102/1	0 - 3	9/1/2000	370 U	370 U	370 U	---	370 U	370 U	370 U	---	---	---	370 U	370 U	370 U	370 U	370 U	---	---	---
SE/RC-103/1	SE/RC-103/1	0 - 3	9/1/2000	---	---	450 U	---	---	---	---	---	---	---	450 U	---	450 U	---	---	---	---	---
SE/RC-11/1	SE/RC-11/1	0 - 3	1/1/1994	---	---	---	---	---	---	660 U	---	660 U	---	660 U	---	---	---	---	0.2 U	---	1 U
SE/RC-11/2	SE/RC-11/2	6 - 12	1/1/1994	370 U	370 U	370 U	---	370 U	370 U	370 U	---	370 U	---	370 U	370 U	---	370 U	370 U	---	1.1 U	---
SE/RC-12/1	SE/RC-12/1	0 - 3	1/1/1994	540 U	540 U	540 U	---	540 U	540 U	540 U	---	540 U	---	540 U	540 U	---	540 U	---	0.16 U	---	---
SE/RC-12/2	SE/RC-12/2	6 - 12	1/1/1994	---	440 U	440 U	---	440 U	---	440 U	---	440 U	---	440 U	440 U	---	---	---	---	1.3 U	---
SE/RC-13/1	SE/RC-13/1	0 - 3	1/1/1994	5600 U	5600 U	5600 U	---	5600 U	5600 U	5600 U	---	5600 U	5600 U	5600 U	5600 U	---	5600 U	5600 U	0.17 U	---	---
SE/RC-13/2	SE/RC-13/2	6 - 12	1/1/1994	6300 U	6300 U	6300 U	---	6300 U	6300 U	6300 U	---	6300 U	6300 U	6300 U	6300 U	---	6300 U	6300 U	0.19 U	---	0.96 U
SE/RC-13/2	SE/RC-13/2 Dup	6 - 12	1/1/1994	550 U	550 U	550 U	---	550 U	550 U	550 U	---	550 U	550 U	550 U	550 U	---	550 U	550 U	0.17 U	1.7 U	---
SE/RC-14/1	SRC-14/136787	0 - 0	9/18/2000	---	---	---	---	---	---	---	67 U	---	---	---	---	---	---	---	---	---	---
SE/RC-15/1	SRC-15/136787	0 - 0	9/18/2000	---	---	---	---	---	---	---	76 U	---	---	---	---	---	---	---	---	---	---
SE/RC-15/2	SRC-15/236787	0 - 0	9/18/2000	---	---	---	---	---	---	---	70 U	---	---	---	---	---	---	---	---	---	---
SE/RC-16/1	SRC-16/136787	0 - 0	9/18/2000	---	---	---	---	---	---	---	72 U	---	---	---	---	---	---	---	---	---	---
SE/RC-17/1	SRC-17/136787	0 - 0	9/18/2000	---	---	---	---	---	---	---	87 U	---	---	---	---	86 U	---	---	---	---	---
SE/RC-17/2	SRC-17/236787	0 - 0	9/18/2000	---	---	---	---	---	---	---	86 U	---	---	---	---	85 U	---	---	---	---	---
SE/RC-18/1	SRC-18/136787	0 - 0	9/18/2000	---	---	---	---	---	---	---	67 U	---	---	---	---	---	---	---	---	---	---
SE/RC-19/1	SRC-19/136787	0 - 0	9/18/2000	---	---	---	---	---	---	---	67 U	---	---	---	---	---	---	---	---	---	---
SE/RC-19/2	SRC-19/236787	0 - 0	9/18/2000	---	---	---	---	---	---	---	78 U	---	---	---	---	---	---	---	---	---	---
SE/RC-20/1	SRC-20/136787	0 - 0	9/18/2000	---	---	---	---	---	---	---	62 U	---	---	---	---	---	---	---	---	---	---
SE/RC-21/1	SRC-21/136787	0 - 0	9/18/2000	---	---	---	---	---	---	---	68 U	---	---	---	---	---	---	---	---	---	---

APPENDIX C
SEDIMENT
DETECTION LEVELS vs. CRITERIA

Location	FieldID	Depth	Date Sampled	Benzo(b) fluoran thene	Benzo(g,h,i) perylene	Benzo(k) fluoran thene	Benzoic acid	bis(2-Ethylhexyl)ph thalate	Chrysene	Di-N-Butyl phthalate	Dibenz(a,h)ant hracene	Dimethyl phthalate	Fluoran thene	Fluorene	Indeno (1,2,3-cd) pyrene	Naph thalene	Phenan threne	Pyrene	Mercury, Total	Silver, Total	Cyanide, Total
			Units:	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	mg/kg	mg/kg	mg/kg
			Bacground:	307	160	270	320	110	350	220	NL	38	631	NL	160	78.7	240	518	0.147	1	0.87
			PEC:	NL	NL	NL	NL	NL	1,290	NL	NL	NL	2,230	536	NL	561	1,170	1,520	1.06	NL	NL
			TEC:	NL	NL	NL	NL	NL	166	NL	33	NL	423	77.4	NL	176	204	195	0.18	NL	NL
SE/RC-21/2	SRC-21/236787	0 - 0	9/18/2000	---	---	---	---	---	---	---	65 U	---	---	---	---	---	---	---	---	---	---
SE/RC-22/1	SRC-22/136787	0 - 0	9/18/2000	---	---	---	---	---	---	---	75 U	---	---	---	---	---	---	---	---	---	---
SE/RC-22/2	SRC-22/236787	0 - 0	9/18/2000	---	---	---	---	---	---	---	63 U	---	---	---	---	---	---	---	---	---	---
SE/RC-22A/1	SRC-22A/136787	0 - 0	9/18/2000	---	---	---	---	---	---	---	66 U	---	---	---	---	---	---	---	---	---	---
SE/RC-22A/2	SRC-22A/236787	0 - 0	9/18/2000	---	---	---	---	---	---	---	66 U	---	---	---	---	---	---	---	---	---	---
SE/RC-23/1	SRC-23/1 DEP36787	0 - 0	9/18/2000	---	---	270 U	---	---	---	---	170 U	---	---	140 U	180 U	170 U	---	---	---	1.5 U	---
SE/RC-23/2	SRC-23/236787	0 - 0	9/18/2000	---	---	---	---	---	---	---	58 U	---	---	---	---	---	---	---	---	---	---
SE/RC-24-1	SRC-24/136787	0 - 0	9/18/2000	---	---	---	---	---	---	---	81 U	---	---	---	---	80 U	---	---	---	---	---
SE/RC-25-1	SRC-25/136787	0 - 0	9/18/2000	---	---	---	---	---	---	---	70 U	---	---	---	---	---	---	---	---	---	---
SE/RC-6/1	SE/RC-6/1	6 - 12	1/1/1994	---	630 U	630 U	---	630 U	---	630 U	---	630 U	---	630 U	630 U	---	---	---	0.19 U	---	0.96 U
SE/RC-6/2	SE-RC-6/2	6 - 12	1/1/1994	480 U	480 U	480 U	---	480 U	480 U	480 U	---	480 U	480 U	480 U	480 U	---	480 U	480 U	---	---	---
SE/RC-7/1	SE/RC-7/1	0 - 3	1/1/1994	---	---	510 U	---	---	---	510 U	---	510 U	---	---	---	---	---	---	0.15 U	---	---
SE/RC-7/2	SE/RC-7/2	6 - 12	1/1/1994	---	---	2200 U	---	---	---	---	---	2200 U	---	2200 U	---	---	---	---	---	---	---
SE/RC-8/1	SE/RC-8/1	0 - 3	1/1/1994	---	---	1200 U	---	---	---	1200 U	---	1200 U	---	1200 U	---	---	---	---	0.35 U	---	1.7 U
SE/RC-8/2	SE/RC-8/2	6 - 12	1/1/1994	---	---	440 U	---	---	---	---	---	440 U	440 U	440 U	---	---	---	---	---	---	---
SE/RC-9/1	SE/RC-9/1	0 - 3	1/1/1994	---	490 U	490 U	---	---	---	490 U	---	490 U	---	490 U	490 U	---	---	---	0.15 U	---	---
SE/RC-9/2	SE/RC-9/2	6 - 12	1/1/1994	---	980 U	980 U	---	---	---	---	---	980 U	---	980 U	980 U	---	980 U	---	---	---	---
SO/RC-23/1	SRC-23/136787	0 - 0	9/18/2000	---	---	---	---	---	---	---	59 U	---	---	---	---	---	---	---	---	---	---

NOTES:

U - Undetected.
NL - A standard values was not listed for this compound.
--- Standards not exceeded.

D

APPENDIX D

RESPONSE TO U.S. EPA NOVEMBER 5, 2003, LETTER

RESPONSE TO NOVEMBER 5, 2003, U.S. EPA LETTER

OCTOBER 2001 RCRA INTERIM REMEDIAL MEASURES REPORT
AND
RCRA FACILITY INVESTIGATION REPORT

JOHNSON CONTROLS, INC.
FORMER STANLEY TOOLS FACILITY
FOWLERVILLE, MICHIGAN

EPA ID NO. MID099124299

Prepared by:

Earth Tech
and
Weston Solutions, Inc.
for
Johnson Controls, Inc.

Submitted to:

United States Environmental Protection Agency
Region V
Chicago, Illinois

14 November 2003

Response to Comments Inserted as Indicated Herein by Earth Tech and Weston Solutions, Inc. (ETW), for Johnson Controls, Inc. November 14, 2003

November 5, 2003

Mr. Andrew J. Lonergan
Program Director
Earth Tech, Inc.
36133 Schoolcraft Rd.
Livonia, MI. 48150

Dear Mr. Lonergan:

This letter serves as a follow-up to our discussions taken place during our Quarterly Meeting of October 23, 2003 held at the Johnson Controls, Inc/Former Stanley Tools Facility located in Fowlerville, Michigan. In addition to the discussions outlined in your meeting agenda, we also discussed some of the concerns raised from our review of your paper entitled "Overview of Planned Environmental Indicator Data Evaluation Red Cedar River" (hereinafter referred to as the "White Paper"), that we previously discussed during a teleconference meeting held on September 4, 2003. As promised, I am providing you with our written comments relative to the two meeting. The first section will address our comments as it relates to your strategy presented in the "White Paper " relative to the evaluation of the achievement of the "Current Human Exposures Under Control Environmental Indicator or EI 725. The last section will address our comments relative to the evaluation of the achievement of the " Migration of Contaminated Groundwater Under Control Environmental Indicator" or EI 750.

Comments: Current Human Health Exposures Under Control - EI 725

Section 2.3 Direct Contact and Ingestion

The ETWS paper presents a value to account for ingestion and dermal Exposure Frequency (EF) of children to sediments. The proposal to use an EF of 4 per week for the warmest months (June, July, August) seems reasonable. However, for the more temperate weather months (May and September), this reviewer believes that an EF of 2 per week would be more appropriate. This would give a conservative accounting for the likelihood that these two months (spring and autumn) could be still be attractive times to visit the water body. This would bring the total EF up to 64 days/year. This is an EF that is appropriately conservative but still reasonable.

> **Response: The EF that ETW proposed (52 days per year) is used by the MDEQ for their Part 201 remediation program to develop sediment cleanup criteria based on dermal contact and ingestion. Using exposure parameters supported by MDEQ is consistent with the use of Part 201 criteria for other media under investigation at this site.**
>
> **The EPA's RCRA program has accepted other cleanup criteria developed for this program. The MDEQ is also more likely to have accurate local knowledge of potential exposures. ETW supports the EF used for the Red Cedar River as appropriate because other criteria developed under this program are accepted by the EPA and because the MDEQ will have better local knowledge on which to base their opinion regarding the appropriate EF than the EPA reviewer.**

ETW does not believe it is appropriate to set a precedent that is inconsistent with similar criteria developed within Michigan.

Section 2.6 Fish Bioaccumulation and Human Health

Absorption efficiency for PCBs

This reviewer believes that the absorption efficiency for PCBs in the Michigan Part 201 Rules applies to calculating a cleanup criteria for direct contact with contaminated soil. The absorption efficiency is incorporated as the AE_i term in Part 201 R299.5720. Michigan allows the use of this AE_i adjustment to account for the possibility that PCBs adsorbed to soil will not be completely available for absorption after incidental soil ingestion. This is equivalent to an adjustment for bioavailability of PCBs from soil. However, for ingestion of fish as a food source, this reviewer does not believe that the adjustment for bioavailability from soil is appropriate to apply. In the case of PCBs in the diet (where desorption of PCBs from soil is not a factor) the cancer slope factor derived for PCBs (and the RfD for Aroclor 1254) was directly affected by the absorption efficiency of PCBs administered to the test animals. Consequently, the Absorption Efficiency factor value in Table 1 should be changed to 1.0 (100%).

Response: The AE for fish will be changed to 1.0 (100%).

Fish ingestion rate

The ETWS paper proposes that a fish consumption rate of 15 g/day should be used to represent the average consumption rate of fresh water sport caught fish by residents of Great Lakes states based on information from the *Great Lakes Water Quality Initiative* (*GLWQI*). This value is also described in the paper as the 90th percentile consumption rate of sport caught fish for the Great Lakes Region. However, from my review of *GLWQI* document, I interpret the language in the document to mean that this is the 90th percentile value when the fish consumption data for the Great Lakes region are apportioned over the active fishing population and the non-fishing population. When developing conservative cleanup criteria, the EPA prefers that the fish consumption rate should be based on the 90th percentile of the population that catches and consumes sport caught fish so that the consumption rate for the active fisher-consumer will not be underestimated.

From an extensive survey of recreational fishing in the state of Michigan, the 90th percentile of recreational fish intake for persons who caught and consumed fish was reported to be 34 g/day (data from the West et al. study [1989]) as summarized in the EPA's Exposure Factors Handbook [1997] <http://www.epa.gov/ncea/pdfs/efh/sect10.pdf>

Consequently, this reviewer believes that the value of 34 g/day should be used to account for the high-end recreational fisher who may frequent the Red Cedar River, and this is the value that should be used for the fish consumption rate when calculating a sediment cleanup criteria.

The assumption that the fraction ingested (FI) of fish from the Red Cedar River is 0.25 (25%) of all fish ingestion does seem reasonable based on the description of the Red Cedar River in the vicinity of the Former Stanley Tools site.

Response: Following teleconference and site meetings held in October 2003, ETW has researched recreational fish consumption rates and fraction ingested. The EPA's Exposure Factors Handbook presents data from two studies by West et al (1989 and 1993). The mean Michigan sport anglers fish consumption rate (based on a 1991-1992 study by West et al (1993) is 17 g/day (Table 10-84 in EPA 1997) and the mean intake of recreational fish by a 1- to 5-year-old age group is 5.63 g/day (Table 10-61 in EPA 1997). These ingestion rates are consistent

with the typical ingestion rate used in the Saginaw River Risk Assessment (19.2 g/day) (*Crane, J. L. 1992. Abstract and Table of Contents to "Baseline Human Health Risk Assessment: Saginaw River, Michigan, Area of Concern," EPA-905-R92-008. Athens, Ga.: Environmental Research Laboratory*) and the mean total fish consumption rate for the 0-9 year old age group of 6.2 g/day (Table 10-1 in EPA 1997). Based on this, ETW believes that an ingestion rate of 17 g/day for an adult and 5.63 g/day for a child is appropriate for this site.

Finally this part of the Red Cedar River does not and will not support an active sport fishery. Anglers would go elsewhere nearby where there are more and better sport fish in Michigan. There is no evidence of an active sport fishery in this area. Finally, the stream is so small it could not support such an active fishery for long.

Regarding the fraction ingested term, ETW decreased this based on new information. Specifically, based on ETW's October 2003 attempts to collect fish from the river, it has been established that larger fish of fishable size are not present in this part of the River for about half the year. Also, the Saginaw River Risk Assessment (Crane 1992) (for a river where there is an active sport fishery) used a value of 10% for the typical exposure scenario. Thus, ETW used a fraction ingested value of 10% rather than 25%.

Other Contaminants

Based on the description in Section 1.1.2 of types of contaminants documented in the RFI Report, the additional contaminants that would be a concern for the fish bioaccumulation and consumption pathway would be polycyclic aromatic hydrocarbons (PAHs) and mercury. (Mercury would be of concern due to the conversion of inorganic mercury to methylmercury and the bioaccumulation of methylmercury through the aquatic food chain.)

Response: Methylmercury is a potential concern for fish bioaccumulation. However, total mercury was detected in only 5 out of 75 discrete sediment samples slightly above background concentrations, though the average detected concentration (0.061 mg/kg) is below background (0.147 mg/kg). While PAHs can bioaccumulate, they are not persistent within fish. Rather, they tend to be metabolized or excreted quickly. Thus, there is no need to further evaluate the bioaccumulation of mercury or PAHs from sediments.

Cumulative Risk from Multiple Contaminants

It appears that the ETWS paper is proposing to calculate chemical-specific sediment cleanup criteria and to apply them on an individual chemical basis (i.e., chemical-by-chemical) for comparing measured sediment contaminant concentrations to the cleanup criteria. This would appear to be appropriate for the evaluation of the CA 725 Environmental Indicator (Current Human Exposures under Control). However, for the formal risk assessment evaluation that is needed as part of the site RFI Report and remedial decisions for the site, an accounting of cumulative risks from exposure of the same receptor/person to multiple chemical contaminants will be necessary.

Response: Application of Part 201 does not normally include an analysis of cumulative risk.

Migration of Contaminated Groundwater Under Control - EI 750

The U.S. EPA, Corrective Action section is striving for continuity and quality in attaining Environmental Indicators. To this end, where sites under corrective action have contaminated groundwater that is entering surface water bodies the following should apply:

- Question 4 of the EI 750 should be answered "YES"

  Response: Question 4 was answered with a "YES."

- Question 5 requires a calculation of a mixing zone to address whether the discharge of contaminated groundwater is likely to be insignificant. The EI750 uses the most recent data available to compute the mixing zone. Values such as river gauging data, typically available from the USGS in real time and an estimate of groundwater flux to the surface-water body must be presented. It is preferable to measure the flux into the surface-water body since it may be quite variable. In all cases, the most conservative values should be chosen for the calculation.

  Response: A mixing zone analysis was completed to support the answer to Question 5.

- For sites in Michigan, the U.S. EPA Corrective Action section is using a mixing zone definition of an area defined by a measured flux cross-section extending 8 feet into the surface-water body.

  Response: The mixing zone analysis used a cross-sectional area extending 8 feet into the surface water body.

- Once the above are computed, the recent groundwater quality data used to answer, "YES" to Question 4 should be used to compute a mass loading to the surface- water body.

  Response: The venting of groundwater to surface water was evaluated in the groundwater EI.

- All calculations should be clearly presented as well as all assumptions used, if any.

  Response: All calculations completed for the groundwater EI are presented in the groundwater support document attached to the EI Form.

These results should then be applied to answer Question 5, an subsequent questions.

Hopefully, this information clarifies our position as it pertains to conducting an Environmental Indicator 725 and 750 analysis for the Johnson Controls, Inc./Former Stanley Tools Facility. It is my expectation that you will consider the above comments when performing the EI analysis as required under the December 30, 2002, Administrative Order on Consent. Should you have any questions or concerns, please call me at 312-886-6010.

Sincerely,

Juan Thomas