



24 October 2005
File No. 30603-010

New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 7
Kirkwood Sub-Office
1679 NY Route 11
Kirkwood, New York 13795-1602

Attn: Mr. Thomas S. Suozzo, P.E.

Subject: Brownfield Cleanup Agreement Supplemental Investigation Work Plan
Former Endicott-Johnson Ranger Paracord Facility - "Southern Parcel"
Johnson City, New York
Site Number C704048

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Dear Mr. Suozzo:

On behalf of the property owner, Stella Ireland Road Associates, LLC ("Stella"), Haley & Aldrich is pleased to present this Supplemental Investigation Work Plan ("SIWP") for the "Southern Parcel" portion of the Former Endicott-Johnson Ranger Paracord Facility in Johnson City, New York. This SIWP has been prepared as required by the Brownfield Cleanup Agreement ("BCA") between Stella and the New York State Department of Environmental Conservation (NYSDEC), which was made effective 13 September 2005.

This document presents:

- A summary of the results of previous investigations conducted at the Site;
- A description of the supplemental investigation activities to be performed and the rationale for conducting those activities; and
- A discussion of the anticipated schedule for work activities and related submittals in accordance with the BCA.

INTRODUCTION

The Former Endicott-Johnson Ranger Paracord property is a 28-acre parcel¹ located at CFJ Boulevard and Lester Avenue in Johnson City, New York. Stella purchased the entire Ranger Paracord facility ("the facility") from MHC Inc., ("MHC") in 2004 and then sold the northern 12-acre portion² known as the "Gannett parcel" to Gannett Company, Inc. ("Gannett"), which is developing a newspaper printing press facility.

¹ The actual size of the 28-acre parcel referred to herein is 27.41 +/- acres.

² The actual size of the 12-acre Gannett parcel referred to herein is 11.43 +/- acres.

As you are aware, the Gannett parcel and an associated utility corridor known as the “NYSEG-Related Areas” were investigated and remediated under a separate BCA in conjunction with redevelopment. The remaining portion of the Ranger Paracord property is known as the “Southern Parcel.” This SIWP addresses additional investigation activities associated with only the Southern Parcel. The Southern Parcel will be referred to herein as “the Site,” and is shown on Figure 1, the Project Locus.

MHC assessed the property under the NYSDEC Voluntary Cleanup Program in the late 1990’s through 2001. The results of MHC’s investigations on the Gannett parcel were discussed in BCA submittals for that parcel. The results of MHC’s investigations on the Southern Parcel are summarized below. Data tables summarizing MHC’s analytical data are included in Appendix A.

BACKGROUND

Subsurface explorations and chemical testing data obtained during previous assessments by Dames & Moore, MFG, Inc. (“MFG”) and Camp Dresser McKee (CDM) indicated that elevated levels of a limited number of chemical compounds existed in soil at the Site. A Phase II Environmental Site Assessment and Cleanup Plan prepared by Dames & Moore in 1997 indicated that soils in several areas of the Southern Parcel contained elevated levels of PAHs, metals, and gasoline-related constituents. In their Cleanup Plan, Dames & Moore identified four areas within the Southern Parcel where remedial efforts were recommended (“Areas of Concern”), including soil removal and, in some cases, subsequent groundwater monitoring. (Two additional cleanup areas identified by Dames & Moore, known as “Area I” and “Area J,” are located within the NYSEG-Related Area along the southern Site boundary, and were addressed during remediation of the Gannett parcel.) The general location of Dames & Moore’s identified Areas of Concern are labeled as “I” through “N” on Figure 2. Area O, as shown on Figure 2, represents a water supply well that will be decommissioned as part of Southern Parcel work activities. Approximate locations of Southern Parcel explorations performed previously by Dames & Moore, MFG, and CDM are also shown on Figure 2.

With guidance from NYSDEC and NYSDOH, MFG completed additional subsurface investigations on behalf of MHC, following Dames & Moore’s 1997 Cleanup Plan. Although the majority of MFG’s explorations focused on the Gannett parcel, several explorations were conducted by MFG on the Southern Parcel in the vicinity of a now-dismantled electrical substation.

Subsequent to MFG’s evaluation, CDM was engaged by a prospective purchaser to further review the data and develop recommendations for a revised redevelopment plan. Based on their review, CDM developed recommendations that revised the removal approach for the cleanup areas identified by Dames & Moore, and instead recommended the concept of in-place containment. CDM’s approach was based on the following rationale: 1) the apparent absence of groundwater impacts; 2) the apparent absence of increased health risk; 3) apparent

absence of hazardous waste; and 3) the ability for site development to avoid excavation of the affected soil residuals and to contain the compounds in place.

The specific site redevelopment contemplated at the time of CDM's assessment did not progress beyond that point. Consistent with the NYSDEC-approved approach for Gannett facility redevelopment, Stella plans to use a containment approach, with spot removals as may be needed based on compound concentrations or development plans for specific areas of the Site.

SUMMARY OF DAMES & MOORE SOUTHERN PARCEL AREAS OF CONCERN

In their 1997 Phase II Report and Cleanup Plan, Dames & Moore identified 4 Areas of Concern within the Southern Parcel Site requiring additional work. Haley & Aldrich's review of Dames & Moore's data indicates that compounds were detected in soil in those areas at concentrations in excess of current TAGM criteria. In addition, we reviewed CDM's 2001 Summary Report, which included supplementary data for some of the Areas of Concern identified by Dames & Moore.

Haley & Aldrich has assigned letter designations to those areas where Stella Ireland plans to conduct supplemental investigations under the BCA. A discussion of each area is provided below. Refer to Figure 2 for general area locations and to the area-specific figures referenced below for a more detailed view of each area. Refer to Tables 1 through 4 for summaries of soil quality data by area, and to Table 5 through 7 for summaries of groundwater data by area.

Note that the discussion below includes Dames & Moore's conclusions regarding a comparison of their data to the cleanup standards in effect at the time their conclusions were formulated. In order to evaluate whether Dames & Moore's conclusions and recommendations are appropriate with respect to current NYSDEC guidance, Haley & Aldrich has also compared Dames & Moore's data to current TAGM #4046 standards; the results of those comparisons are also discussed below.

Area K – (Former 10,000 Gallon Gasoline UST) – Figure 3

As shown in Tables 1 and 5, the results for the original samples obtained by Dames & Moore and CDM in the former 10,000-gallon gasoline UST area (hereinafter known as "Area K") indicated that STARS VOCs and PAHs were detected above NYSDEC STARS Memo No. 1 TCLP Extraction Guidance Values.

A water sample from the base of the tank grave indicated that concentrations of STARS VOCs were detected above Groundwater Guidance Values in the tank grave water. Soil samples from borings UST-A through UST-D were collected in Area K at depths from 6 to 10 ft. below grade (below the former tanks); and, according to Dames & Moore, "no compounds were detected in the soil samples above NYSDEC STARS memo No. 1 TCLP Alternative Guidance Values." While drilling Hydropunch® HP-UST-1, a black stained soil layer and

petroleum odor were detected at approximately 11 ft. bgs. Soil sample UST-1 was obtained from that location; results indicated that, in general, STARS VOCs and PAHs were detected in the soil from depths of 10 to 12 ft. bgs in boring UST-1. According to Dames & Moore's data, the compounds detected in boring UST-1 do not exceed current TAGM 4046 criteria. After soil sample collection, the Hydropunch® boring (HP-UST-1) was advanced to approximately 24 ft. bgs, and a groundwater sample was tested for VOCs by EPA Method 8021. According to Dames & Moore, compounds were not detected at concentrations above Groundwater Guidance Values.

An additional boring (CFJ-21) was conducted in the former tank area by CDM at a depth of 0-2 feet below ground surface. Analytical results from the boring indicated total concentrations of PAHs above current TAGM 4046 criteria.

To address the contamination identified in Area K, Dames & Moore recommended excavation of approximately 50 cy of soil to a depth of 12 feet bgs as well as groundwater monitoring for STARS Memo volatile and base/neutral organic compounds and lead.

Area L – (Former Coal Storage Area – CSA-8) – Figure 4

As shown in Table 2, the results for the original samples obtained by Dames & Moore in the former coal storage area (hereinafter known as “Area L”) indicated that arsenic was detected at values approximately one order of magnitude above current TAGM 4046 criteria. Additionally, concentrations of metals were found in the groundwater to be above Groundwater Guidance Values.

Test pits around the area of the above-ground storage tank earthen berm indicated levels of arsenic approximately one order of magnitude above current TAGM 4046 criteria in boring CS-8, at depths of 0.5 to 1 feet bgs and 1.5 to 2 feet bgs. Additionally, mercury was detected above current TAGM criteria at the boring, however Dames & Moore did not consider it to be a concern as it was less than one order of magnitude above the criteria.

Samples were obtained by Dames & Moore at boring CSA-8 to further evaluate the detections and the nature and extent of contamination at this location. According to Dames & Moore's data, levels of metals including arsenic did not exceed cleanup values. (Although boring CS-8 contained higher levels of arsenic, Dames & Moore identified boring CSA-8 as a cleanup area in their cleanup plan.) Additional borings in the vicinity of CS-8 and CSA-8 showed levels of metals above TAGM criteria (largely mercury and zinc); however Dames & Moore did not indicate that those areas were of concern. Hydropunch® HPCSA-1, located to the west of Area L, was sampled for groundwater at a depth of 20 to 23 ft bgs. The results indicated metals concentrations above Groundwater Guidance Values. Dames & Moore concluded that because the metals analyses were run on unfiltered groundwater samples with high concentrations of suspended solids, the concentrations of metals were biased high.

To address the contamination detected at Area L, Dames & Moore recommended that soil be removed to a depth of 2 ft bgs in an excavation of approximately 5 ft x 5 ft, and that soil left in-place be sampled and tested for arsenic. Dames & Moore also suggested the installation of three shallow monitoring wells, and the sampling of the new wells and of existing well MW-2 for dissolved metals.

Area M – (Former Coal Storage Area – CSA-21) – Figure 5

As shown in Table 3, the results for the original samples obtained by Dames & Moore in the former coal storage area – CSA 21 (hereinafter known as “Area M”) indicated that arsenic was detected at values approximately one order of magnitude above TAGM 4046 criteria. Additionally, concentrations of metals were found in the groundwater to be above Groundwater Guidance Values (Table 6).

Test pits around the area of the above-ground storage tank earthen berm indicated levels of arsenic approximately one order of magnitude above TAGM criteria at boring CS-21 in a sample obtained from 3 ft bgs. In addition to arsenic, mercury was found above the current TAGM criterion at this boring; however Dames & Moore did not consider it to be a concern as it was less than one order of magnitude above the criterion. Boring CS-16, which was also sampled in the area during this first stage of sampling, showed arsenic levels above TAGM criteria, but less than one order of magnitude. Dames & Moore did not highlight CS-16 as a cleanup area.

Samples were obtained by Dames & Moore at boring CSA-21 to further evaluate the extent of contamination at CS-21. Boring CSA-21 was sampled at depths of 3 to 5 ft, 5 to 7 feet, and 7 to 9 ft. Results indicated levels of arsenic approximately one order of magnitude above current TAGM criteria. Additional borings around Area M showed levels of metals above current TAGM criteria (largely mercury, zinc and nickel); however Dames & Moore did not determine these to be a concern as the elevated metal concentrations were associated with fill material in the area, and it did not appear that the natural soils below the fill were impacted. Hydropunch® HPCSA-1 was sampled for groundwater at a depth of 20 to 23 feet bgs. The results indicated metal concentrations above Groundwater Guidance Values. According to Dames & Moore, metal analyses were run on unfiltered groundwater samples with high concentrations of suspended solids, and therefore concentrations of metals were biased high.

In order to address the contamination identified at Area M, Dames & Moore recommended excavation of approximately 80 cy. of soil around boring CSA-21 to a depth of 10 ft. in an area 15 ft x 15 ft. Additionally, Dames & Moore recommended that the groundwater monitoring and well installation in Area L should be used to monitor groundwater around Area M due to their close proximity.

Area N – (Mechanical Building Dry Wells) – Figure 6

As shown in Table 4, during the first stage of Dames & Moore's 1997 Phase II, concentrations of PAHs, PCBs, and metals were found in soil at levels higher than TAGM criteria within and/or around the three Mechanical Building Dry Wells (hereinafter known as "Area N"). Following the excavation and removal of the dry wells and associated terra-cotta pipe sections, post-excavation sampling indicated levels of PAHs and metals above TAGM criteria. PCBs were not detected. Concentrations of metals were also found in the associated groundwater at levels higher than Groundwater Guidance Values (Table 7).

In the first stage of sampling, Dames & Moore installed 3 soil borings around DW-1 (DW-1-1 through DW-1-2) to depth of 4 to 6 ft bgs. Additionally, samples were collected from the base of each dry well (DW-1-4, DW-2, and DW-3). PAHs, metals (including arsenic and cyanide), and PCBs (found within DW-3) were found above current TAGM criteria. Dames & Moore removed the dry wells (except DW-1 as it had a concrete bottom that drained to a box sewer north of the area) and their associated piping during second stage sampling. Results of post-excavation samples DW-2-PE1 and DW-3-PE1, from the base of the excavation, indicated levels of PAHs and metals (including cyanide) above current TAGM criteria. In addition, DWP-PE1 and DWP-PE2 were sampled at depths of 2-2.5 feet below the surface of the excavated terra cotta piping that connected DW-2 and DW-3. Results indicated PAHs above TAGM criteria with the concentrations in DWP-PE1 exceeding those in DWP-PE2. Groundwater samples were taken from HPMDW-1 at depths of 23-26 feet below ground surface, and several metals were detected above Groundwater Guidance Values.

Dames & Moore recommended excavation of approximately 7 cy. of soil from the vicinity of post excavation samples DWP-PE1; DWP-PE2; and DW2-PE1 to a depth of 3 feet below grade. Following excavation Dames & Moore suggested taking a total of nine post-excavation samples to test for PAHs and metal compounds.

OBJECTIVES AND PROPOSED WORK PLAN

Although Stella ultimately plans to redevelop the Southern Parcel, specific development plans have not been finalized. However, Stella is contractually obligated to Gannett to remove existing building foundations at the Southern Parcel, even absent a development plan. Accordingly, the current approach to remediation at the Site contemplates addressing known areas of contamination as identified by Dames & Moore and additional areas that may be encountered during removal of foundation features. The ultimate objective for cleanup of the Southern Parcel under the BCA is to obtain a Certificate of Completion after cleanup of the existing identified areas and potential new areas identified during slab removals. Accordingly, the objective of the supplemental investigation activities discussed below is to collect additional information that will allow efficient remedial efforts when conducted either during or in the absence of Site redevelopment, depending on Stella's development plans.

1. Soil Boring Installation & Soil Sampling

In order to facilitate excavation followed by immediate hauling to the disposal facilities in the soil cleanup areas, Haley & Aldrich plans to collect additional soil quality data at Areas L, M, and N to outline the extent of excavation and obtain NYSDEC concurrence prior to beginning excavation activities. Haley & Aldrich will also coordinate with the Broome County Landfill, and will have the samples analyzed for additional compounds if necessary to obtain landfill approval.

■ Area K

Area K will not be sampled for soil quality because the stained soil was found at 11 feet below ground surface and will likely remain covered. If Site redevelopment is conducted in Area K, stained soil, if encountered, will be addressed as part of the Soil Management Plan for the Site. Groundwater sampling at Area K is discussed below.

■ Area L

To outline the extent of excavation at Area L, three borings will be placed 5 feet from the south, east, and west of Dames & Moore's boring CS-8 to test for the presence of arsenic in the soil. CSA-8 did not have levels of arsenic above TAGM 4046 criteria and therefore will serve as the north limit for Area L.

■ Area M

To outline the extent of Area M, four borings will be placed 15 feet to the north, south, east, and west of Dames & Moore's borings CS-21 and CSA-21 to test for the presence of arsenic in the soil.

■ Area N

To outline the extent of Area N, borings will be placed roughly 5 ft. from each of Dames & Moore's discrete proposed excavation areas. Because the excavation areas are adjacent to one another, six borings will be installed around them (two north; two south; and one each to the east and west). The intent of installing six borings will be to define a larger excavation area within which the originally proposed discrete areas fall.

2. Groundwater Sampling

Site-wide groundwater sampling will not be conducted, as that was previously addressed during remediation efforts for the Gannett parcel and NYSEG-Related Areas. Results of groundwater sampling conducted during work at those parcels, which included the Southern Parcel wells with the exception of MW-1, which could not be located, indicated that Site-wide groundwater had not been impacted by the identified Areas of Concern. The Site-wide groundwater data was previously reported to NYSDEC in the Remedial Work Plan for the Gannett parcel and in related monthly progress reports.

As discussed below, localized groundwater sampling is proposed at Area K because the compounds of concern in that area include gasoline-related VOCs. Localized groundwater sampling is not proposed for the remaining cleanup areas.

■ Area K

Dames & Moore indicated that water within the tank grave had been impacted by the former UST at Area K. However, because the water in the grave was likely a mixture of groundwater and collected surface water runoff, and because the tank grave water was in direct contact with gasoline-impacted soil as it was disturbed during tank removal activities, it is unlikely that the tank grave water is representative of groundwater quality at Area K. Dames & Moore subsequently collected a groundwater sample from a Hydropunch® at 24 ft. to evaluate whether stained soil observed at 11 ft. bgs had impacted groundwater.

In order to further evaluate whether groundwater in the vicinity of Area K has been impacted by the stained soil observed at 11 ft., and to provide a rationale for not excavating the stained soil layer if groundwater is not impacted, temporary monitoring well K-MW-1 will be placed to the northwest of Area K and will be sampled for VOCs and PAHs.

■ Areas L and M

Hydropunch® HPCSA-1, located to the west of Area L, was sampled for groundwater at a depth of 20 to 23 ft bgs. The results indicated metals concentrations above Groundwater Guidance Values. Dames & Moore concluded that because the metals analyses were run on unfiltered groundwater samples with high concentrations of suspended solids, the concentrations of metals were biased high. Dames & Moore suggested the installation of three shallow monitoring wells, and the sampling of the new wells and of existing well MW-2 for dissolved metals.

Haley & Aldrich does not recommend additional groundwater sampling in the vicinity of Areas L and M based on the following rationale:

- The soil samples with elevated concentrations of metals in Areas L and M were relatively shallow (generally 0.5 ft. to 9 ft.) as compared to the depth of the groundwater sample (24 ft.). Thus, it is unlikely that the groundwater sample results were indicative of groundwater quality impacts by the shallower soil.
- Dames & Moore concluded that because the metals analyses were run on unfiltered groundwater samples with high concentrations of suspended solids, the concentrations of metals were biased high.
- The impacted soil at Areas L and M will be excavated during cleanup activities under the BCA.
- The results of groundwater sampling at MW-2 (near Areas L and M) during Gannett parcel and NYSEG-Related Area cleanup activities did not indicate elevated levels of metals.

■ **Area N**

Hydropunch® groundwater samples were taken from HPMDW-1 at depths of 23 to 26 feet below ground surface in Area N. With the exception of several metals, compounds were not detected above Groundwater Guidance Values. Dames & Moore did not recommend groundwater sampling in Area N based on the Hydropunch® results.

The soil samples with elevated concentrations of PAHs and metals in Area N were relatively shallow (generally to 6 ft.) as compared to the depth of the groundwater sample (23 to 26 ft.). Thus, it is unlikely that the groundwater sample results were indicative of groundwater quality impacts by the shallower soil. However, Haley & Aldrich agrees that groundwater sampling in Area N is unnecessary because the results of Site-wide groundwater sampling conducted during cleanup at the Gannett parcel and NYSEG-Related Areas did not indicate elevated levels of PAHs and metals. In addition, the impacted soil at Area N will be excavated during cleanup activities under the BCA.

3. Removal of Existing Foundation Slabs and Utilities

In accordance with their agreement with Gannett, Stella Ireland must remove the existing Southern Parcel slabs and subsurface utilities (down to 5 ft.). In order to most efficiently evaluate whether the soils beneath the slabs or surrounding utilities have been impacted, the slab and utility removal work will be conducted as part of Supplemental Investigations at the Site. Based on our recent conversations with the NYSDEC Project Manager for the Site, we understand that the Department has agreed to this approach in the past for other sites.

The Mechanical Building, PowerHouse, and electrical substation slabs currently remain at the Site, along with subsurface utilities formerly utilized at the Site. Haley & Aldrich will be on-Site to observe and document the slab and utility removals. If evidence of contamination (i.e., staining, odors, or elevated PID readings) is observed in the soils beneath the slabs, the NYSDEC Project Manager will be notified, and additional evaluation will be conducted based on input from NYSDEC.

4. Soil Vapor Sampling & Vapor Intrusion Evaluation

Specific development plans have not been completed for the Site. Additionally, with the exception of Area K, VOCs are not compounds of concern within the cleanup areas proposed by Dames & Moore. Therefore, soil vapor sampling and a vapor intrusion evaluation are not proposed at this time.

If potential VOC impacts are identified based on the results of work conducted under this supplemental investigation or during remedial activities associated with foundation removal, Stella will discuss the results with NYSDEC and NYSDOH to develop an approach to address the potential VOC impacts. The proposed remedial and development activities will be considered in development of the approach.

5. Evaluation of Human Health Exposure

A qualitative human health exposure assessment will be conducted in accordance with published NYSDEC and NYSDOH guidance. The assessment will consider current and future proposed Site conditions for current and future potential exposures and will include, overall, identification of apparent source (residual) locations of contaminants, potential receptors, potential migration pathways along with fate and transport criteria that may affect mobilization of contaminants from their source/residual locations, and identification of potential pathways that are or could be complete under foreseeable circumstances. The qualitative human health exposure assessment will identify administrative controls that may be needed and appropriate to prevent or control potentially completed exposure pathways. The proposed remedial and development activities will be considered in the assessment of the future use of the Site.

6. Data Usability Summary Report

Quality control information was not submitted for all data included in previous investigation reports by CDM and MHC. However, in conjunction with assessment of the Gannett parcel under the BCA, a Data Usability Summary Report (DUSR) was completed for previous MHC data. A DUSR will be completed for the supplemental data collected in accordance with this SIWP.

Denis Conley of Haley & Aldrich, a qualified data validator will serve as Quality Assurance Officer for this project. Mr. Conley's resume is included in Appendix B. Data will be reviewed, and a Data Usability Summary Report (DUSR) will be completed consistent with NYSDEC DUSR guidance, and conclusions regarding the usability of the data will be included with the Supplemental Investigation Results Report.

REPORTING

A Supplemental Investigation Report will be generated based on the work described above, including:

- A summary of field work performed, and all field and laboratory data presented in tabular summary form.
- Site plans showing exploration locations and pertinent features
- Appendices with raw laboratory reports and similar information that forms the basis for text discussion, evaluation and conclusions.
- Recommendations for additional investigative work, if needed and as appropriate to meet the goals of the BCA.

If no further Site investigations are recommended based on the work performed, the report will also include a separate section summarizing recommended remediation consistent with the BCA, as either an Interim Remedial Action (IRM) Work Plan or a Remedial Work Plan (RWP), depending on the needs of the project. Inclusion of the IRM Work Plan or RWP in the Supplemental Investigation results report will minimize time between reporting and next proposed steps and allow NYSDEC and NYSDOH to review in one process the transition from investigation to implementation of remedial measures.

SCHEDULE

Stella Ireland and Haley & Aldrich are prepared to commence work within two weeks to one month of NYSDEC and NYSDOH approval of this SIWP (timing depends on driller availability). It is anticipated that up to three days of field work will be required for the boring/well installation and groundwater sampling portions of the work.

Stella is obligated under its contract with Gannett to remove the foundation slabs and subsurface utilities by 21 November 2005. Stella anticipates that work will begin in early November 2005, pending NYSDEC approval of that portion of this SIWP.

HEALTH AND SAFETY PLAN

Haley & Aldrich has prepared a Site-specific health and safety plan (HASP), using existing chemical data and Site history information, in accordance with NYSDEC and NYSDOH guidelines. The HASP includes a description of health & safety protocols to be followed during the supplemental investigation activities, and is structured to allow modification based on the results of that work, if necessary. The HASP has been developed for use by Haley & Aldrich field staff and other personnel who will work at the Site during planned investigation and remediation activities. A copy of the Site-specific HASP is provided in Appendix C.

The HASP includes provisions for community air monitoring (CAM). This plan requires, depending on Site contaminants of concern, real-time monitoring for volatile organic compounds (VOCs) and particulates (i.e. dust) at the downward perimeter of each designated

work area when certain activities are in progress at contaminated sites. A copy of the NYSDOH generic CAM Plan is attached to our HASP in Appendix C.

VOC levels in the breathing zone will be measured during supplemental investigation field work as part of standard Health and Safety protocol, as described in the HASP included in Appendix C. In accordance with NYSDOH generic CAM guidance, if VOC levels are measured at a concentration greater than 5 ppm above background and are sustained for 5 minutes, the broader CAM program requirements will be implemented during supplemental investigation activities, as described in Appendix C.

Supplemental investigation activities include installation of soil borings and collection of groundwater samples, will not generate soil cuttings, and are not anticipated to create fugitive dust. Thus, perimeter dust monitoring is not planned for the supplemental investigation phase of work.

A revised HASP will be included with the IRM Work Plan and/or RWP for the Site, and will include a description of the planned CAM program that will be developed based on the results of the supplemental investigation (i.e., VOC monitoring will be included if VOCs are detected at elevated levels during supplemental investigations). It is anticipated that dust control measures will be employed during remediation and construction, thereby eliminating the need for perimeter dust monitoring unless those control measures are ineffective at reducing fugitive dust on the Site. Perimeter dust monitoring will be implemented during construction and remediation only if the dust control measures are not effective at preventing fugitive dust. Again, provisions for monitoring during construction will be included in a future revision to the HASP and submitted to NYSDEC for review and approval associated with the IRM and/or RWP.

CLOSING

We look forward to our continued work with you on this project. Please do not hesitate to contact us should you have any questions.

New York State Department of Environmental Protection
24 October 2005
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Sincerely yours,
HALEY & ALDRICH OF NEW YORK

(Signatures to be included with hard copy of report.)

Lisa Turturro
Senior Environmental Geologist

Vincent B. Dick
Vice President

Attachments:

Table 1	Area K - Soil
Table 2	Area L - Soil
Table 3	Area M - Soil
Table 4	Area N - Soil
Table 5	Area K - Groundwater
Table 6	Area L & M - Groundwater
Table 7	Area N - Groundwater
Figure 1	Project Locus
Figure 2	Site Plan
Figure 3	Area K
Figure 4	Area L
Figure 5	Area M
Figure 6	Area N
Appendix A:	Summary Tables of Historical Soil and Groundwater Analytical Data
Appendix B:	Data Validator Resume (Denis Conley of Haley & Aldrich of New York)
Appendix C:	Health & Safety Plan

c: NYSDOH Bureau of Environmental Exposure Investigation; Attn: Gary Litwin

c: (Correspondence Only)
NYSDEC Division of Environmental Enforcement; Attn: Glen R. Bailey, Esq.

TABLE 1
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - AREA K
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 3) (mg/kg)	UST-1	UST-A	UST-B	UST-C	UST-D
Sample Depth				10-12 ft. bg.	9-10 ft. bg.	7-8 ft. bg.	7-8 ft. bg.	5.5-6 ft. bg.
Sample Date				2/7/1995	1/31/1995	1/31/1995	1/31/1995	1/31/1995
Sample Area				K	K	K	K	K
Sampled By				D&M	D&M	D&M	D&M	D&M
Organic Compounds (mg/kg)								
Analytical Dilution				125	1	1	1	1
m+p-Xylenes	1.2	NA	NA	0.42	ND(.002)	ND(.002)	ND(.002)	ND(.002)
o-Xylenes	1.2	NA	NA	0.25	ND(.002)	ND(.002)	ND(.002)	ND(.002)
1,3,5-Trimethylbenzene	NA	NA	NA	1.4	ND(.001)	ND(.001)	ND(.001)	ND(.001)
1,2,4-Trimethylbenzene	NA	NA	NA	1.6	ND(.001)	ND(.001)	ND(.001)	ND(.001)
p-Isopropyltoluene	NA	NA	NA	0.83	ND(.001)	ND(.001)	ND(.001)	ND(.001)
n-Butylbenzene	NA	NA	NA	3	ND(.001)	ND(.001)	ND(.001)	ND(.001)
Napthalene	13	NA	ND-0.300 J	0.36	ND(.001)	ND(.001)	ND(.001)	ND(.001)
Total Confident Conc.	10	NA	NA	7.86				

Notes:

- 1) NA = Not Applicable
- 2) ND = Not Detected above method detection limit. Detection limit shown in parentheses.
- 3) Background Concentrations:
SVOC background derived from historical sample collection site background range.
Metals background analysis using Eastern USA Background Concentrations.

TABLE 2
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - AREA L
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CS-8A	CS-8B	CSA-8A	CSA-8B	CSA-8C	CSA-8D	CSA-8E	CSA-8F
Sample Depth				0.5-1 ft. bg.	1.5-2 ft. bg.	1-3 ft. bg.	3-5 ft. bg.	5-7 ft. bg.	7-9 ft. bg.	9-11 ft. bg.	11-12 ft. bg.
Sample Date				6/18/1993	6/18/1993	1/27/1995	1/27/1995	1/27/1995	1/27/1995	1/27/1995	1/27/1995
Sample Area				L	L	L	L	L	L	L	L
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M	D&M
Semi-Volatile Organic Compounds (mg/kg)											
Analytical Dilution				1.18	1.27						
bis(2-Chloroethyl)ether	50	NA	NA	ND(.390)	ND(.420)	--	--	--	--	--	--
1,3-Dichlorobenzene	50	NA	NA	ND(.390)	ND(.420)	--	--	--	--	--	--
1,4-Dichlorobenzene	50	NA	NA	ND(.390)	ND(.420)	--	--	--	--	--	--
1,2-Dichlorobenzene	50	NA	NA	ND(.390)	ND(.420)	--	--	--	--	--	--
2,2'-oxybis(1-Chloropropane)	50	NA	NA	ND(.390)	ND(.420)	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	50	NA	NA	ND(.390)	ND(.420)	--	--	--	--	--	--
Hexachloroethane	50	NA	NA	ND(.390)	ND(.420)	--	--	--	--	--	--
Nitrobenzene	0.2 or MDL	NA	NA	ND(.390)	ND(.420)	--	--	--	--	--	--
Isophorone	4.4	NA	NA	ND(.390)	ND(.420)	--	--	--	--	--	--
bis(2-Chloroethoxy) Methane	50	NA	NA	ND(.390)	ND(.420)	--	--	--	--	--	--
1,2,4-Trichlorobenzene	50	NA	NA	ND(.390)	ND(.420)	--	--	--	--	--	--
Napthalene	13	NA	ND-0.300 J	ND(.390)	ND(.420)	--	--	--	--	--	--
4-Chloroaniline	0.22 or MDL	NA	NA	ND(.390)	ND(.420)	--	--	--	--	--	--
Hexachlorobutadiene	50	NA	NA	ND(.390)	ND(.420)	--	--	--	--	--	--
2-Methylnapthalene	36.4	NA	NT	ND(.390)	ND(.420)	--	--	--	--	--	--
Hexachlorocyclopentadiene	50	NA	NA	ND(.390)	ND(.420)	--	--	--	--	--	--
2-Chloronapthalene	50	NA	NA	ND(.390)	ND(.420)	--	--	--	--	--	--
2-Nitroaniline	0.43 or MDL	NA	NA	ND(1.90)	ND(2.10)	--	--	--	--	--	--
Dimethylphthalate	2	NA	NA	ND(.390)	ND(.420)	--	--	--	--	--	--
Acenaphthylene	41	NA	ND-0.190 J	ND(.390)	ND(.420)	--	--	--	--	--	--
2,6-Dinitrotoluene	1	NA	NA	ND(.390)	ND(.420)	--	--	--	--	--	--
3-Nitroaniline	0.5 or MDL	NA	NA	ND(1.90)	ND(2.10)	--	--	--	--	--	--
Acenaphthene	50	NA	ND-0.360 J	ND(.390)	ND(.420)	--	--	--	--	--	--
Dibenzofuran	6.2	NA	NT	ND(.390)	ND(.420)	--	--	--	--	--	--
2,4-Dinitrotoluene	50	NA	NA	ND(.390)	ND(.420)	--	--	--	--	--	--
Diethylphthalate	7.1	NA	NA	ND(.390)	ND(.420)	--	--	--	--	--	--
4-Chlorophenyl-phenylether	50	NA	NA	ND(.390)	ND(.420)	--	--	--	--	--	--
Fluorene	50	NA	ND-0.330 J	ND(.390)	ND(.420)	--	--	--	--	--	--
4-Nitroaniline	50	NA	NA	ND(1.900)	ND(2.100)	--	--	--	--	--	--
N-Nitrosodiphenylamine (1)	50	NA	NA	ND(.390)	ND(.420)	--	--	--	--	--	--
4-Bromophenyl-phenylether	50	NA	NA	ND(.390)	ND(.420)	--	--	--	--	--	--
Hexachlorobenzene	0.41	NA	NA	ND(.390)	ND(.420)	--	--	--	--	--	--
Phenanthrene	50	NA	0.030 J-2.700	0.091 J	ND(.420)	--	--	--	--	--	--
Anthracene	50	NA	ND-0.740	ND(.390)	ND(.420)	--	--	--	--	--	--
Carbazole	50	NA	NT	ND(.390)	ND(.420)	--	--	--	--	--	--
Di-n-butylphthalate	8.1	NA	NA	ND(.390)	ND(.420)	--	--	--	--	--	--

TABLE 2
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - AREA L
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CS-8A	CS-8B	CSA-8A	CSA-8B	CSA-8C	CSA-8D	CSA-8E	CSA-8F
Sample Depth				0.5-1 ft. bg.	1.5-2 ft. bg.	1-3 ft. bg.	3-5 ft. bg.	5-7 ft. bg.	7-9 ft. bg.	9-11 ft. bg.	11-12 ft. bg.
Sample Date				6/18/1993	6/18/1993	1/27/1995	1/27/1995	1/27/1995	1/27/1995	1/27/1995	1/27/1995
Sample Area				L	L	L	L	L	L	L	L
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M	D&M
Fluoranthene	50	NA	0.068 J-3.600	0.150 J	ND(.420)	--	--	--	--	--	--
Pyrene	50	NA	0.057 J-3.500	0.140 J	ND(.420)	--	--	--	--	--	--
Butylbenzylphthalate	50	NA	NA	ND(.390)	ND(.420)	--	--	--	--	--	--
3-3'-Dichlorobenzidine	50	NA	NA	ND(.390)	ND(.420)	--	--	--	--	--	--
Benzo(a)anthracene	0.224 or MDL	NA	0.032 J-1.700	0.110 J	ND(.420)	--	--	--	--	--	--
Chrysene	0.4	NA	0.055 J-2.000	0.190 J	ND(.420)	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	50	NA	NT	ND(.390)	ND(.420)	--	--	--	--	--	--
Di-n-octylphthalate	50	NA	NA	ND(.390)	ND(.420)	--	--	--	--	--	--
Benzo(b)fluoranthene	1.1	NA	0.060-2.200	0.160 J	ND(.420)	--	--	--	--	--	--
Benzo(k)fluoranthene	1.1	NA	0.020 J-0.820	0.099 J	ND(.420)	--	--	--	--	--	--
Benzo(a)pyrene	0.061 or MDL	NA	0.30 J-1.600	0.076 J	ND(.420)	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	3.2	NA	0.013 J-0.660	0.051 J	ND(.420)	--	--	--	--	--	--
Dibenz(a,h)anthracene	0.014 or MDL	NA	0.015 J-0.190	ND(.390)	ND(.420)	--	--	--	--	--	--
Benzo(g,h,i)Perylene	50	NA	0.013 J-0.600	0.047 J	ND(.420)	--	--	--	--	--	--
Total Confident Conc. SVOCs	500	NA	NA			--	--	--	--	--	--
Total Estimated Conc. SVOCs TICs			NT	5.51	5.4	--	--	--	--	--	--
Metals (mg/kg)											
Aluminum	SB	33000	NA	553	5210	--	--	--	--	--	--
Antimony	SB	NA	NA	25.7	28	--	--	--	--	--	--
Arsenic	7.5 or SB	3 - 12	3-12	541	31.2	8.6	--	--	--	--	--
Barium	300 or SB	15 - 600	NA	95.6	71.8	--	--	--	--	--	--
Beryllium	0.16 (HEAST) or SB	0 - 1.75	ND-1.75	0.13	0.16	--	--	--	--	--	--
Cadmium	1 or SB	0.1 - 1	0.1-1	ND(.36)	ND(.40)	--	--	--	--	--	--
Calcium	SB	130 - 35000	NA	549	2310	--	--	--	--	--	--
Chromium	10 or SB	1.5 - 40	1.5-40	5.4 J	16.0 J	23.5	10.8	--	--	--	--
Cobalt	30 or SB	2.5 - 60	NA	3	2.2	--	--	--	--	--	--
Copper	25 or SB	1 - 50	1-50	21	25.9	--	--	--	--	--	--
Iron	2000 or SB	2000 - 550000	NA	65900	65700	--	--	--	--	--	--
Lead	SB	SB	200-500	22.6	27.4	--	--	--	--	--	--
Magnesium	SB	100 - 5000	NA	51	853	--	--	--	--	--	--
Manganese	SB	50 -5000	NA	8.1	32	--	--	--	--	--	--
Mercury	0.1	0.001 - 0.2	0.001-0.2	0.27	0.15	ND(.12)	--	--	--	--	--
Nickel	13 or SB	0.5 - 25	0.5-25	3	4.5	--	--	--	--	--	--
Potassium	SB	8500 - 43000	NA	1320	1310	--	--	--	--	--	--
Selenium	2 or SB	0.1 - 3.9	0.1-3.9	3.6 J	1 J	--	--	--	--	--	--
Silver	SB	NA	NA	ND(1.10)	ND(1.10)	--	--	--	--	--	--
Sodium	SB	6000 - 8000	NA	1800	1740	--	--	--	--	--	--

TABLE 2
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - AREA L
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CS-8A	CS-8B	CSA-8A	CSA-8B	CSA-8C	CSA-8D	CSA-8E	CSA-8F
Sample Depth				0.5-1 ft. bg.	1.5-2 ft. bg.	1-3 ft. bg.	3-5 ft. bg.	5-7 ft. bg.	7-9 ft. bg.	9-11 ft. bg.	11-12 ft. bg.
Sample Date				6/18/1993	6/18/1993	1/27/1995	1/27/1995	1/27/1995	1/27/1995	1/27/1995	1/27/1995
Sample Area				L	L	L	L	L	L	L	L
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M	D&M
Thallium	SB	NA	NA	0.23 J	0.22 J	--	--	--	--	--	--
Vanadium	150 or SB	1 - 300	NA	44.5	13.7	--	--	--	--	--	--
Zinc	20 or SB	9 - 50	9-50	9.6 J	19.3 J	--	--	--	--	--	--
Cyanide	NA	NA	NA	--	--	ND(.62)	ND(.15)	--	--	--	--
Hexavalent Chromium	NA	NA	NA	--	--	ND(.50)	1.2	1.3	1.1	1.1	ND(.50)
pH (Standard Units)				--	--	--	--	--	--	--	--

Notes:

- 1) NA = Not Applicable
- 2) NT = Not Tested
- 3) "--" = Sample not tested for corresponding compound.
- 4) ND = Not Detected above method detection limit. Detection limit shown in parentheses.
- 5) * = Detection limit exceeds TAGM 4046 criteria
- 6) J = Approximately
- 7) B = Found in the method blank as well as the sample
- 8) Bold text shows values that exceed TAGM 4046 criteria
- 9) Grey-highlighted values exceed TAGM 4046 criteria and Background Concentrations.
- 10) Background Concentrations:
SVOC background derived from historical sample collection site background range.
Metals background analysis using Eastern USA Background Concentrations.

TABLE 3
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - AREA M
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CS-21	CS-21C	CSA-21A	CSA-21B	CSA-21C
Sample Depth				3 ft. bg.	0.5 ft. bg.	3-5 ft. bg.	5-7 ft. bg.	7-9 ft. bg.
Sample Date				8/12/1993	8/12/1993	1/31/1995	1/31/1995	1/31/1995
Sample Area				M	M	M	M	M
Sampled By				D&M	D&M	D&M	D&M	D&M
Semi-Volatile Organic Compounds (mg/kg)								
Analytical Dilution				1.3	1.2			
bis(2-Chloroethyl)ether	50	NA	NA	ND(.400)	ND(.360)	--	--	--
1,3-Dichlorobenzene	50	NA	NA	ND(.400)	ND(.360)	--	--	--
1,4-Dichlorobenzene	50	NA	NA	ND(.400)	ND(.360)	--	--	--
1,2-Dichlorobenzene	50	NA	NA	ND(.400)	ND(.360)	--	--	--
2,2'-oxybis(1-Chloropropane)	50	NA	NA	ND(.400)	ND(.360)	--	--	--
N-Nitroso-di-n-propylamine	50	NA	NA	ND(.400)	ND(.360)	--	--	--
Hexachloroethane	50	NA	NA	ND(.400)	ND(.360)	--	--	--
Nitrobenzene	0.2 or MDL	NA	NA	ND(.400)	ND(.360)	--	--	--
Isophorone	4.4	NA	NA	ND(.400)	ND(.360)	--	--	--
bis(2-Chloroethoxy) Methane	50	NA	NA	ND(.400)	ND(.360)	--	--	--
1,2,4-Trichlorobenzene	50	NA	NA	ND(.400)	ND(.360)	--	--	--
Napthalene	13	NA	ND-0.300 J	ND(.400)	0.230 J	--	--	--
4-Chloroaniline	0.22 or MDL	NA	NA	ND(.400)	ND(.360)	--	--	--
Hexachlorobutadiene	50	NA	NA	ND(.400)	ND(.360)	--	--	--
2-Methylnapthalene	36.4	NA	NT	ND(.400)	0.300 J	--	--	--
Hexachlorocyclopentadiene	50	NA	NA	ND(.400)	ND(.360)	--	--	--
2-Chloronapthalene	50	NA	NA	ND(.400)	ND(.360)	--	--	--
2-Nitroaniline	0.43 or MDL	NA	NA	ND(2.000)	ND(.900)	--	--	--
Dimethylphthalate	2	NA	NA	ND(.400)	ND(.360)	--	--	--
Acenaphthylene	41	NA	ND-0.190 J	ND(.400)	ND(.360)	--	--	--
2,6-Dinitrotoluene	1	NA	NA	ND(.400)	ND(.360)	--	--	--
3-Nitroaniline	0.5 or MDL	NA	NA	ND(2.000)	ND(.900)	--	--	--
Acenaphthene	50	NA	ND-0.360 J	ND(.400)	ND(.360)	--	--	--
Dibenzofuran	6.2	NA	NT	ND(.400)	0.058 J	--	--	--
2,4-Dinitrotoluene	50	NA	NA	ND(.400)	ND(.360)	--	--	--
Diethylphthalate	7.1	NA	NA	ND(.400)	ND(.360)	--	--	--
4-Chlorophenyl-phenylether	50	NA	NA	ND(.400)	ND(.360)	--	--	--
Fluorene	50	NA	ND-0.330 J	ND(.400)	ND(.360)	--	--	--
4-Nitroaniline	50	NA	NA	ND(2.000)	ND(.900)	--	--	--
N-Nitrosodiphenylamine (1)	50	NA	NA	ND(.400)	ND(.360)	--	--	--
4-Bromophenyl-phenylether	50	NA	NA	ND(.400)	ND(.360)	--	--	--
Hexachlorobenzene	0.41	NA	NA	ND(.400)	ND(.360)	--	--	--
Phenanthrene	50	NA	0.030 J-2.700	0.046 J	0.300 J	--	--	--

TABLE 3
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - AREA M
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CS-21	CS-21C	CSA-21A	CSA-21B	CSA-21C
Sample Depth				3 ft. bg.	0.5 ft. bg.	3-5 ft. bg.	5-7 ft. bg.	7-9 ft. bg.
Sample Date				8/12/1993	8/12/1993	1/31/1995	1/31/1995	1/31/1995
Sample Area				M	M	M	M	M
Sampled By				D&M	D&M	D&M	D&M	D&M
Anthracene	50	NA	ND-0.740	ND(.400)	ND(.360)	--	--	--
Carbazole	50	NA	NT	ND(.400)	ND(.360)	--	--	--
Di-n-butylphthalate	8.1	NA	NA	ND(.400)	0.041 J	--	--	--
Fluoranthene	50	NA	0.068 J-3.600	ND(.400)	0.075 J	--	--	--
Pyrene	50	NA	0.057 J-3.500	ND(.400)	0.100 J	--	--	--
Butylbenzylphthalate	50	NA	NA	ND(.400)	ND(.360)	--	--	--
3-3'-Dichlorobenzidine	50	NA	NA	ND(.400)	ND(.360)	--	--	--
Benzo(a)anthracene	0.224 or MDL	NA	0.032 J-1.700	ND(.400)	0.073 J	--	--	--
Chrysene	0.4	NA	0.055 J-2.000	ND(.400)	0.29 J	--	--	--
bis(2-Ethylhexyl)phthalate	50	NA	NT	0.052 JB	0.640 B	--	--	--
Di-n-octylphthalate	50	NA	NA	ND(.400)	ND(.360)	--	--	--
Benzo(b)fluoranthene	1.1	NA	0.060-2.200	ND(.400)	0.120 J	--	--	--
Benzo(k)fluoranthene	1.1	NA	0.020 J-0.820	ND(.400)	0.036 J	--	--	--
Benzo(a)pyrene	0.061 or MDL	NA	0.30 J-1.600	ND(.400)	0.038 J	--	--	--
Indeno(1,2,3-cd)pyrene	3.2	NA	0.013 J-0.660	ND(.400)	ND(.360)	--	--	--
Dibenz(a,h)anthracene	0.014 or MDL	NA	0.015 J-0.190	ND(.400)	ND(.360)	--	--	--
Benzo(g,h,i)Perylene	50	NA	0.013 J-0.600	ND(.400)	ND(.360)	--	--	--
Total Confident Conc. SVOCs	500	NA	NA		0.64	--	--	--
Total Estimated Conc. SVOCs TICs			NT	12.45	30.8	--	--	--
Metals (mg/kg)								
Aluminum	SB	33000	NA	570	360	--	--	--
Antimony	SB	NA	NA	13.4	12	--	--	--
Arsenic	7.5 or SB	3 - 12	3-12	298	12.0 J	245	319	122
Barium	300 or SB	15 - 600	NA	181	26.1	--	--	--
Beryllium	0.16 (HEAST) or SB	0 - 1.75	ND-1.75	0.25	0.88	--	--	--
Cadmium	1 or SB	0.1 - 1	0.1-1	0.7	0.63	--	--	--
Calcium	SB	130 - 35000	NA	587	4640	--	--	--
Chromium	10 or SB	1.5 - 40	1.5-40	7.1	2.2	8.8	--	--
Cobalt	30 or SB	2.5 - 60	NA	2.9	1.1	--	--	--
Copper	25 or SB	1 - 50	1-50	30	113	--	--	--
Iron	2000 or SB	2000 - 550000	NA	44000	2560	--	--	--
Lead	SB	SB	200-500	14.4	13.6	--	--	--
Magnesium	SB	100 - 5000	NA	101	266	--	--	--
Manganese	SB	50 -5000	NA	17.6	31.4	--	--	--

TABLE 3
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - AREA M
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CS-21	CS-21C	CSA-21A	CSA-21B	CSA-21C
Sample Depth				3 ft. bg.	0.5 ft. bg.	3-5 ft. bg.	5-7 ft. bg.	7-9 ft. bg.
Sample Date				8/12/1993	8/12/1993	1/31/1995	1/31/1995	1/31/1995
Sample Area				M	M	M	M	M
Sampled By				D&M	D&M	D&M	D&M	D&M
Mercury	0.1	0.001 - 0.2	0.001-0.2	0.48	0.64	0.12	--	--
Nickel	13 or SB	0.5 - 25	0.5-25	2.8	2.2	--	--	--
Potassium	SB	8500 - 43000	NA	1000	230	--	--	--
Selenium	2 or SB	0.1 - 3.9	0.1-3.9	6.1 J	2.9 J	--	--	--
Silver	SB	NA	NA	1	0.91	--	--	--
Sodium	SB	6000 - 8000	NA	449 B	77.8	--	--	--
Thallium	SB	NA	NA	0.79	1.2	--	--	--
Vanadium	150 or SB	1 - 300	NA	41.6	10.2	--	--	--
Zinc	20 or SB	9 - 50	9-50	10.2 J	10.5 J	--	--	--
Cyanide	NA	NA	NA	0.54	0.49	ND(.640)	0.22 B	--
Hexavalent Chromium	NA	NA	NA	--	--	0.49	ND(.53)	ND(.51)
pH (Standard Units)				--	--	--	--	--

Notes:

- 1) NA = Not Applicable
- 2) NT = Not Tested
- 3) "--" = Sample not tested for corresponding compound.
- 4) ND = Not Detected above method detection limit. Detection limit shown in parentheses.
- 5) * = Detection limit exceeds TAGM 4046 criteria
- 6) J = Approximately
- 7) B = Found in the method blank as well as the sample
- 8) Bold text shows values that exceed TAGM 4046 criteria
- 9) Grey-highlighted values exceed TAGM 4046 criteria and Background Concentrations.
- 10) Background Concentrations:
SVOC background derived from historical sample collection site background range.
Metals background analysis using Eastern USA Background Concentrations.

TABLE 4
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - AREA N
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	DW-1-1	DW-1-2	DW-1-3	DW-1-4	DW-2R	DW-3	DW2-PE1	DW3-PE1	DWP-PE1	DWP-PE2
Sample Depth				2-4 ft. bg.	2-4 ft. bg.	2-4 ft. bg.	DW-Base	DW-Base	DW-Base	2.5-3 ft. bg.	2.5-3 ft. bg.	2-2.5 ft. bg.	2-2.5 ft. bg.
Sample Date				6/17/1993	6/17/1993	6/17/1993	6/15/1993	6/15/1993	6/15/1993	1/24/1995	1/24/1995	1/25/1995	1/25/1995
Sample Area				N	N	N	N	N	N	N	N	N	N
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M	D&M	D&M	D&M
Volatile Organic Compounds (mg/kg)													
Analytical Dilution				1.26	1.32	2.44	285/2850	1.39	66.7				
Chloromethane	NA	NA	NA	ND(.013)	ND(.013)	ND(.024)	ND(.016)	ND(.014)	ND(10.000)*	--	--	--	--
Bromomethane	NA	NA	NA	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*	--	--	--	--
Vinyl Chloride	0.2	NA	NA	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*	--	--	--	--
Chloroethane	1.9	NA	NA	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*	--	--	--	--
Methylene Chloride	0.1	NA	NA	0.030 JB	0.024 B	0.080 JB	0.004 B	0.013 J	ND(10.000)*	--	--	--	--
Acetone	0.2	NA	NA	ND(1.000)*	ND(2.200)*	ND(.700)*	ND(.019)	ND(.014)	ND(10.000)*	--	--	--	--
Carbon Disulfide	2.7	NA	NA	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*	--	--	--	--
1,1-Dichloroethene	0.4	NA	NA	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*	--	--	--	--
1,1-Dichloroethane	0.2	NA	NA	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*	--	--	--	--
1,2-Dichloroethene (total)	0.3	NA	NA	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*	--	--	--	--
Chloroform	0.3	NA	NA	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*	--	--	--	--
1,2-Dichloroethane	0.2	NA	NA	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*	--	--	--	--
2-Butanone	0.3	NA	NA	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*	--	--	--	--
1,1,1-Trichloroethane	0.8	NA	NA	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*	--	--	--	--
Carbon Tetrachloride	0.6	NA	NA	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*	--	--	--	--
Bromodichloromethane	NA	NA	NA	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*	--	--	--	--
1,2-Dichloropropane	NA	NA	NA	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*	--	--	--	--
cis-1,3-Dichloropropene	NA	NA	NA	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*	--	--	--	--
Trichloroethene	0.7	NA	NA	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*	--	--	--	--
Dibromochloromethane	NA	NA	NA	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*	--	--	--	--
1,1,2-Trichloroethane	NA	NA	NA	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*	--	--	--	--
Benzene	0.06	NA	NA	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*	--	--	--	--
trans-1,3-Dichloropropene	NA	NA	NA	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*	--	--	--	--
Bromoform	NA	NA	NA	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*	--	--	--	--
4-Methyl-2-Pentanone	1	NA	NA	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*	--	--	--	--
2-Hexanone	NA	NA	NA	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*	--	--	--	--
Tetrachloroethene	1.4	NA	NA	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*	--	--	--	--
1,1,2,2-Tetrachloroethane	0.6	NA	NA	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*	--	--	--	--
Toluene	1.5	NA	NA	0.034 J	0.009 J	0.066 J	ND(.019)	ND(.014)	ND(10.000)*	--	--	--	--
Chlorobenzene	1.7	NA	NA	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*	--	--	--	--
Ethylbenzene	5.5	NA	NA	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*	--	--	--	--
Styrene	NA	NA	NA	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*	--	--	--	--
Xylenes (total)	1.2	NA	NA	0.012 J	ND(.013)	0.009 J	ND(.019)	ND(.014)	ND(10.000)*	--	--	--	--
Total Confident Conc. VOAs	10	NA	NA		0.024				805				
Total Estimated Conc. VOA TICs													
Semi-Volatile Organic Compounds (mg/kg)													
Analytical Dilution				1.26	1.32	2.44	285/2850	1.39	66.7				
Phenol	0.03 or MDL	NA	NA	ND(.420)	ND(.440)	0.091 J	ND(94.000)*	ND(2.300)	ND(22.000)	--	--	--	--
bis(2-Chloroethyl)ether	50	NA	NA	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)	--	--	--	--
2-Chlorophenol	0.8	NA	NA	ND(.420)	ND(.440)	ND(.810)*	ND(94.000)*	ND(2.300)*	ND(22.000)	--	--	--	--
1,3-Dichlorobenzene	50	NA	NA	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)	--	--	--	--
1,4-Dichlorobenzene	50	NA	NA	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)	--	--	--	--
1,2-Dichlorobenzene	50	NA	NA	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)	--	--	--	--
2-Methylphenol	0.1 or MDL	NA	NA	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)	--	--	--	--
2,2'-oxybis(1-Chloropropane)	50	NA	NA	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)	--	--	--	--
4-Methylphenol	0.9	NA	NA	ND(.420)	ND(.440)	0.096 J	ND(94.000)*	ND(2.300)*	ND(22.000)*	--	--	--	--

TABLE 4
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - AREA N
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	DW-1-1	DW-1-2	DW-1-3	DW-1-4	DW-2R	DW-3	DW2-PE1	DW3-PE1	DWP-PE1	DWP-PE2
Sample Depth				2-4 ft. bg.	2-4 ft. bg.	2-4 ft. bg.	DW-Base	DW-Base	DW-Base	2.5-3 ft. bg.	2.5-3 ft. bg.	2-2.5 ft. bg.	2-2.5 ft. bg.
Sample Date				6/17/1993	6/17/1993	6/17/1993	6/15/1993	6/15/1993	6/15/1993	1/24/1995	1/24/1995	1/25/1995	1/25/1995
Sample Area				N	N	N	N	N	N	N	N	N	N
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M	D&M	D&M	D&M
N-Nitroso-di-n-propylamine	50	NA	NA	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)	--	--	--	--
Hexachloroethane	50	NA	NA	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)	--	--	--	--
Nitrobenzene	0.2 or MDL	NA	NA	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)	--	--	--	--
Isophorone	4.4	NA	NA	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)*	--	--	--	--
2-Nitrophenol	0.33 or MDL	NA	NA	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)	--	--	--	--
2,4-Dimethylphenol	50	NA	NA	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)	--	--	--	--
bis(2-Chloroethoxy) Methane	50	NA	NA	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)	--	--	--	--
2,4-Dichlorophenol	0.4	NA	NA	ND(.420)*	ND(.440)*	ND(.810)*	ND(94.000)*	ND(2.300)*	ND(22.000)*	--	--	--	--
1,2,4-Trichlorobenzene	50	NA	NA	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)	--	--	--	--
Napthalene	13	NA	ND-0.300 J	0.062 J	ND(.440)	0.110 J	ND(94.000)*	0.530 J	4.1 J	0.084 J	ND(.510)	0.280 J	0.120 J
4-Chloroaniline	0.22 or MDL	NA	NA	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)	--	--	--	--
Hexachlorobutadiene	50	NA	NA	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)	--	--	--	--
4-Chloro-3-methylphenol	0.24 or MDL	NA	NA	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)	--	--	--	--
2-Methylnapthalene	36.4	NA	NT	ND(.420)	ND(.440)	0.065 J	ND(94.000)*	0.240 J	3.2 J	ND(.550)	ND(.510)	0.52	ND(.500)
Hexachlorocyclopentadiene	50	NA	NA	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)	--	--	--	--
2,4,6-Trichlorophenol	50	NA	NA	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)	--	--	--	--
2,4,5-Trichlorophenol	0.1	NA	NA	ND(2.100)*	ND(2.200)*	ND(4.100)*	ND(470.000)*	ND(12.000)*	ND(110.000)*	--	--	--	--
2-Chloronapthalene	50	NA	NA	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)	--	--	--	--
2-Nitroaniline	0.43 or MDL	NA	NA	ND(2.100)	ND(2.200)	ND(4.100)	ND(470.000)*	ND(12.000)	ND(110.000)*	--	--	--	--
Dimethylphthalate	2	NA	NA	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)*	--	--	--	--
Acenaphthylene	41	NA	ND-0.190 J	0.068 J	ND(.440)	0.100 J	ND(94.000)*	ND(2.300)	ND(22.000)	0.084 J	0.060 J	2.8	0.410 J
2,6-Dinitrotoluene	1	NA	NA	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)*	--	--	--	--
3-Nitroaniline	0.5 or MDL	NA	NA	ND(2.100)	ND(2.200)	ND(4.100)	ND(470.000)*	ND(12.000)	ND(110.000)*	--	--	--	--
Acenaphthene	50	NA	ND-0.360 J	ND(.420)	0.040 J	0.066 J	ND(94.000)*	0.530 J	ND(22.000)	0.100 J	ND(.510)	3.8	0.130 J
2,4-Dinitrophenol	0.2 or MDL	NA	NA	ND(2.100)	ND(2.200)	ND(4.100)	ND(470.000)*	ND(12.000)	ND(110.000)*	--	--	--	--
4-Nitrophenol	0.1 or MDL	NA	NA	ND(2.100)	ND(2.200)	ND(4.100)	ND(470.000)*	ND(12.000)	ND(110.000)*	--	--	--	--
Dibenzofuran	6.2	NA	NT	ND(.420)	ND(.440)	0.060 J	ND(94.000)*	ND(.390)	ND(22.000)*	0.070 J	ND(.510)	2.4	0.076 J
2,4-Dinitrotoluene	50	NA	NA	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)	--	--	--	--
Diethylphthalate	7.1	NA	NA	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)*	--	--	--	--
4-Chlorophenyl-phenylether	50	NA	NA	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)	--	--	--	--
Fluorene	50	NA	ND-0.330 J	ND(.420)	0.087 J	0.094 J	ND(94.000)*	0.57 J	ND(22.000)	0.130 J	ND(.510)	4.2	0.018 J
4-Nitroaniline	50	NA	NA	ND(2.100)	ND(2.200)	0.16 J	ND(470.000)*	ND(12.000)	ND(110.000)*	--	--	--	--
4,6-Dinitro-2-methylphenol	50	NA	NA	ND(2.100)	ND(2.200)	ND(4.100)	ND(470.000)*	ND(12.000)	ND(110.000)*	--	--	--	--
N-Nitrosodiphenylamine (1)	50	NA	NA	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	0.28 J	ND(22.000)	--	--	--	--
4-Bromophenyl-phenylether	50	NA	NA	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)	--	--	--	--
Hexachlorobenzene	0.41	NA	NA	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)*	--	--	--	--
Pentachlorophenol	1 or MDL	NA	NA	ND(2.100)	ND(2.200)	ND(4.100)	ND(470.000)*	ND(12.000)	ND(110.000)*	--	--	--	--
Phenanthrene	50	NA	0.030 J-2.700	0.48	1.1	8.2	ND(94.000)*	3.9	ND(22.000)	1.10 J	0.099 J	39	2.20 J
Anthracene	50	NA	ND-0.740	0.14 J	0.23 J	0.20 J	ND(94.000)*	0.95 J	ND(22.000)	0.260 J	0.053 J	9.80 J	0.62
Carbazole	50	NA	NT	ND(.420)	ND(.440)	0.6 J	ND(94.000)*	0.58 J	ND(22.000)	0.140 J	ND(.510)	1.70 J	0.200 J
Di-n-butylphthalate	8.1	NA	NA	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	0.27 J	4.6 J	0.098 J	0.150 J	0.140 JB	0.120 JB
Fluoranthene	50	NA	0.068 J-3.600	0.91	1.7	1	ND(94.000)*	3.9	ND(22.000)	1.4	0.14 J	80	3.1
Pyrene	50	NA	0.057 J-3.500	0.79	1.5	1	ND(94.000)*	4.9	3.1 J	1.4	0.220 J	64	3.3
Butylbenzylphthalate	50	NA	NA	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	0.34 J	ND(22.000)	ND(.550)	ND(.510)	ND(.440)	0.150 J
3-3'-Dichlorobenzidine	50	NA	NA	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)	--	--	--	--
Benzo(a)anthracene	0.224 or MDL	NA	0.032 J-1.700	0.48	1.2	0.6 J	ND(94.000)*	2.1 J	ND(22.000)	0.77	0.130 J	ND(.440)	1.5
Chrysene	0.4	NA	0.055 J-2.000	0.82	1.9	1.1	9.5 J	3.1	2.3 J	0.85	0.200 J	47	1.6
bis(2-Ethylhexyl)phthalate	50	NA	NT	0.57 B	0.15 JB	0.41 JB	8600 B	5.5 B	56 B	0.260 J	0.075 J	1.3	2.4
Di-n-octylphthalate	50	NA	NA	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	0.49 JB	2.3 JB	--	--	--	--

TABLE 4
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - AREA N
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	DW-1-1	DW-1-2	DW-1-3	DW-1-4	DW-2R	DW-3	DW2-PE1	DW3-PE1	DWP-PE1	DWP-PE2
Sample Depth				2-4 ft. bg.	2-4 ft. bg.	2-4 ft. bg.	DW-Base	DW-Base	DW-Base	2.5-3 ft. bg.	2.5-3 ft. bg.	2-2.5 ft. bg.	2-2.5 ft. bg.
Sample Date				6/17/1993	6/17/1993	6/17/1993	6/15/1993	6/15/1993	6/15/1993	1/24/1995	1/24/1995	1/25/1995	1/25/1995
Sample Area				N	N	N	N	N	N	N	N	N	N
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M	D&M	D&M	D&M
Benzo(b)fluoranthene	1.1	NA	0.060-2.200	0.67	1.3	0.8 J	ND(94.000)*	2.7 J	ND(22.000)*	0.77	0.220 J	42	1.5
Benzo(k)fluoranthene	1.1	NA	0.020 J-0.820	0.39 J	0.88	0.53 J	ND(94.000)*	1.7 J	ND(22.000)*	0.460 J	0.150 J	39	2.1
Benzo(a)pyrene	0.061 or MDL	NA	0.30 J-1.600	0.42	1.1	0.620 J	ND(94.000)*	2.4 J	ND(22.000)	0.61	0.140 J	36	1.3
Indeno(1,2,3-cd)pyrene	3.2	NA	0.013 J-0.660	0.28 J	1.1	0.45 J	ND(94.000)*	0.93 J	ND(22.000)	0.190 J	0.076 J	15.0 J	0.360 J
Dibenz(a,h)anthracene	0.014 or MDL	NA	0.015 J-0.190	0.099 J	0.54	0.17 J	ND(94.000)*	0.36 J	ND(22.000)	ND(.550)	ND(.510)	8.50 J	0.160 J
Benzo(g,h,i)Perylene	50	NA	0.013 J-0.600	0.21 J	0.96	0.37 J	ND(94.000)*	1 J	ND(22.000)	0.160 J	0.074 J	14.0 J	0.380 J
Benzoic Acid	2.7	NA	NA	--	--	--	--	--	--	--	--	--	--
Total Confident Conc. SVOCs	500	NA	NA	4.57	13.28	3.92		20.9		5.8		362.02	17.4
Total Estimated Conc. SVOCs TICs			NT	19.23	22.19	101.9	11.6	10.55	1469		14.5	10.4	
Metals (mg/kg)													
Aluminum	SB	33000	NA	5150	12600	6550	7150	5840	10100	6530	4500	8740	6840
Antimony	SB	NA	NA	17.8 J	8.4 J	24.4 J	14.1 J	10.1	ND(8.1000)	ND(8.70)	ND(8.10)	15.6	ND(8.00)
Arsenic	7.5 or SB	3 - 12	3-12	12.0 J	5.7 J	18.2 J	15.6 J	12.7 J	20.6 J	21	43.7	17.5	21.4
Barium	300 or SB	15 - 600	NA	193	98.2	267	230	129	228	237	554	358	145
Beryllium	0.16 (HEAST) or SB	0 - 1.75	ND-1.75	0.53	0.82	0.72	0.64	0.41	0.54	0.69	0.66	0.81	0.6
Cadmium	1 or SB	0.1 - 1	0.1-1	ND(.390)	ND(.410)	0.80 J	3.6 J	7.1	14.4	2.5	2.7	2.9	5.7
Calcium	SB	130 - 35000	NA	40800 J	2560 J	7260 J	1800 J	18000 J	15000 J	5300	5120	21000	6650
Chromium	10 or SB	1.5 - 40	1.5-40	61.6	48.5	143	65.3	35.9	70.2	178	149	30.4	37.2
Cobalt	30 or SB	2.5 - 60	NA	5.4 J	7.5 J	11.6 J	7.6 J	9.8	20.7	8.6	5	7.8	12
Copper	25 or SB	1 - 50	1-50	112	27.8	795	294	223	522	313	766	104	163
Iron	2000 or SB	2000 - 550000	NA	22300	26300	37800	29800	19300	28000	46400	43900	16700	26300
Lead	SB	SB	200-500	283	25.7	438	750	765	717	343	390	194	441
Magnesium	SB	100 - 5000	NA	2070	1940	1850	2340	4930	6770	2100	1580	11200	2840
Manganese	SB	50 - 5000	NA	294	210	397	146	228 J	241 J	347	241	375	301
Mercury	0.1	0.001 - 0.2	0.001-0.2	0.48 J	0.26 J	0.36 J	0.92 J	ND(.140)	0.19	2.1	0.34	0.26	0.39
Nickel	13 or SB	0.5 - 25	0.5-25	17.2 J	18.8 J	30.6 J	46.7	43.9	74.6	30.8	17.9	25.7	45.2
Potassium	SB	8500 - 43000	NA	401	677	669	892	644	1190	772	543	1910	859
Selenium	2 or SB	0.1 - 3.9	0.1-3.9	0.37 J	0.079 J	0.0015 J	0.0024 J	0.86	0.79	0.93	0.9	0.71	1
Silver	SB	NA	NA	ND(1.10)	ND(1.20)	ND(2.20)	ND(1.70)	ND(1.30)	ND(1.50)	ND(1.10)	ND(1.00)	ND(.92)	1.4 B
Sodium	SB	6000 - 8000	NA	163	119	134	102	75 B	99.9 B	164	131	260	149
Thallium	SB	NA	NA	ND(.27)	ND(.28)	0.85	ND(.41)	ND(.30)	ND(.25)	ND(.20)	0.63	0.32	0.43
Vanadium	150 or SB	1 - 300	NA	16.5 J	24.5 J	28.5 J	129	44.6	40.7	28.4	22.7	21.6	40.3
Zinc	20 or SB	9 - 50	9-50	430 J	336 J	1070 J	887 J	1640 J	2240 J	1060	1170	662	1500
Cyanide	NA	NA	NA	0.75 J	0.34 J	3.04 J	1.42 J	2.9	1.9	1.3	0.9	ND(.60)	ND(.75)
Hexavalent Chromium	NA	NA	NA	--	--	--	--	--	--	--	--	ND(.53)	ND(.60)
pH (Standard Units)				--	--	--	--	--	--	--	--	--	--
Pesticides (mg/kg)													
Analytical Dilution				1.26	1.32	2.44	1.89	1.39	1000				
alpha BHC	0.11	NA	NA	ND(.0013)	ND(.0026)	ND(.0024)	ND(.0038)	ND(.0028)	ND(.0032)	--	--	--	--
beta BHC	0.2	NA	NA	ND(.0013)	ND(.0026)	ND(.0024)	ND(.0038)	ND(.0028)	ND(.0032)	--	--	--	--
delta BHC	0.3	NA	NA	ND(.0013)	ND(.0026)	ND(.0024)	ND(.0038)	ND(.0028)	ND(.0032)	--	--	--	--
gamma BHC	0.06	NA	NA	ND(.0013)	ND(.0026)	ND(.0024)	ND(.0038)	ND(.0028)	ND(.0032)	--	--	--	--
Heptachlor	0.1	NA	NA	ND(.0013)	ND(.0026)	ND(.0024)	ND(.0038)	ND(.0028)	ND(.0032)	--	--	--	--
Aldrin	0.041	NA	NA	ND(.0013)	ND(.0026)	ND(.0024)	ND(.0038)	ND(.0028)	ND(.0032)	--	--	--	--
Heptachlor epoxide	0.02	NA	NA	ND(.0013)	ND(.0026)	ND(.0024)	ND(.0038)	ND(.0028)	ND(.0032)	--	--	--	--
Endosulfan I	0.9	NA	NA	ND(.0013)	ND(.0026)	0.0049	ND(.0038)	0.0012	ND(.0032)	--	--	--	--
Dieldrin	0.044	NA	NA	ND(.0025)	ND(.0052)	ND(.0049)*	ND(.0075)*	ND(.0056)*	ND(.0064)*	--	--	--	--

TABLE 4
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - AREA N
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	DW-1-1	DW-1-2	DW-1-3	DW-1-4	DW-2R	DW-3	DW2-PE1	DW3-PE1	DWP-PE1	DWP-PE2
Sample Depth				2-4 ft. bg.	2-4 ft. bg.	2-4 ft. bg.	DW-Base	DW-Base	DW-Base	2.5-3 ft. bg.	2.5-3 ft. bg.	2-2.5 ft. bg.	2-2.5 ft. bg.
Sample Date				6/17/1993	6/17/1993	6/17/1993	6/15/1993	6/15/1993	6/15/1993	1/24/1995	1/24/1995	1/25/1995	1/25/1995
Sample Area				N	N	N	N	N	N	N	N	N	N
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M	D&M	D&M	D&M
4,4'-DDE	2.1	NA	NA	ND(.0025)	ND(.0052)	ND(.0049)	ND(.0075)	ND(.0056)	ND(.0064)	--	--	--	--
Endrin	0.1	NA	NA	ND(.0025)	ND(.0052)	ND(.0049)	ND(.0075)	ND(.0056)	ND(.0064)	--	--	--	--
Endosulfan II	0.9	NA	NA	0.00065 J	ND(.0052)	ND(.0049)	ND(.0075)	ND(.0056)	ND(.0064)	--	--	--	--
4,4'-DDD	2.9	NA	NA	ND(.0025)	ND(.0052)	ND(.0049)	ND(.0075)	ND(.0056)	0.0035	--	--	--	--
Endosulfan sulfate	1	NA	NA	ND(.0025)	ND(.0052)	ND(.0049)	ND(.0075)	ND(.0056)	ND(.0064)	--	--	--	--
4,4'-DDT	2.1	NA	NA	ND(.0025)	ND(.0052)	ND(.0049)	ND(.0075)	ND(.0056)	ND(.0064)	--	--	--	--
Methoxychlor	10	NA	NA	ND(.0130)	ND(.0260)	ND(.0240)	ND(.0380)	ND(.0280)	ND(.0320)	--	--	--	--
Endrin ketone	NA	NA	NA	ND(.0025)	ND(.0052)	ND(.0049)	ND(.0075)	ND(.0056)	ND(.0064)	--	--	--	--
Endrin Aldehyde	NA	NA	NA	ND(.0025)	ND(.0052)	ND(.0049)	ND(.0075)	ND(.0056)	ND(.0064)	--	--	--	--
alpha-Chlordane	0.54	NA	NA	ND(.0013)	ND(.0026)	ND(.0024)	ND(.0038)	ND(.0028)	ND(.0032)	--	--	--	--
gamma-Chlordane	0.54	NA	NA	ND(.0013)	ND(.0026)	0.0025	ND(.0038)	ND(.0028)	ND(.0032)	--	--	--	--
Toxaphene	NA	NA	NA	ND(.0420)	ND(.0880)	ND(.0810)	ND(.1200)	ND(.0930)	ND(.1100)	--	--	--	--
PCBs (mg/kg)													
Analytical Dilution				1.26	1.32	2.44	1.89	1.39	1000	1	1	1	1
Aroclor-1016	1 (surface)	NA	NA	ND(.042)	ND(.088)	ND(.081)	ND(.120)	ND(.093)	ND(.110)	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--	--	--	--
Aroclor-1221	1 (surface)	NA	NA	ND(.084)	ND(.180)	ND(.160)	ND(.250)	ND(.180)	ND(.220)	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--	--	--	--
Aroclor-1232	1 (surface)	NA	NA	ND(.042)	ND(.088)	ND(.081)	ND(.120)	ND(.093)	ND(.110)	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--	--	--	--
Aroclor-1242	1 (surface)	NA	NA	ND(.042)	ND(.088)	ND(.081)	ND(.120)	ND(.093)	ND(.110)	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--	--	--	--
Aroclor-1248	1 (surface)	NA	NA	ND(.042)	ND(.088)	ND(.081)	ND(.120)	ND(.093)	ND(.110)	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--	--	--	--
Aroclor-1254	1 (surface)	NA	NA	ND(.042)	ND(.088)	ND(.081)	ND(.120)	ND(.093)	1.5	0.049 J	ND(.051)	ND(.044)	ND(.050)
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--	--	--	--
Aroclor-1260	1 (surface)	NA	NA	ND(.042)	ND(.088)	ND(.081)	ND(.120)	ND(.093)	ND(.110)	ND(.055)	ND(.051)	0.2	0.21
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--	--	--	--
Total PCBs									1.5			0.2	0.21

Notes:

- 1) NA = Not Applicable
- 2) NT = Not Tested
- 3) "--" = Sample not tested for corresponding compound.
- 4) ND = Not Detected above method detection limit. Detection limit shown in parentheses.
- 5) * = Detection limit exceeds TAGM 4046 criteria
- 6) J = Approximately
- 7) B = Found in the method blank as well as the sample
- 8) Bold text shows values that exceed TAGM 4046 criteria
- 9) Grey-highlighted values exceed TAGM 4046 criteria and Background Concentrations.
- 10) Background Concentrations:
SVOC background derived from historical sample collection site background range.
Metals background analysis using Eastern USA Background Concentrations.

TABLE 5
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL DATA - AREA K
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYS TOGs - Standards and Guidance Values (mg/L)	HP-UST-1
Sample Depth		21-24 ft. bg.
Sample Date		2/7/1995
Sample Area		K
Sampled By		D&M
Volatile Organic Compounds (mg/L)		
Analytical Dilution		1
Acetone	0.05	ND(.002)
Toluene	0.005	ND(.002)
Ethylbenzene	0.005	ND(.002)
Xylenes (total)	0.005	ND(.002)
Total Confident Conc. VOAs		
Total Estimated Conc. VOA TICs		

Notes:

- 1) ND = Not Detected above method detection limit. Detection limit shown in parentheses.

TABLE 6
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL DATA - AREAS L & M
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYS TOGs - Standards and Guidance Values (mg/L)	HP-CSA-1
Sample Depth		20-23 ft.bg.
Sample Date		2/8/1995
Sample Area		L, M
Sampled By		D&M
Semi-Volatile Organic Compounds (mg/L)		
Analytical Dilution		1
Napthalene	0.01	ND(.120)*
2-Methylnapthalene	NP	ND(.012)
Acenaphthene	0.02	ND(.012)
Dibenzofuran	NP	ND(.012)
Diethylphthalate	0.05	ND(.012)
Fluorene	0.05	ND(.012)
Phenanthrene	0.05	ND(.012)
Di-n-butylphthalate	0.05	ND(.012)
Fluoranthene	0.05	ND(.012)
Pyrene	0.05	ND(.012)
Benzo(a)anthracene	0.0000002	ND(.012)*
Chrysene	0.0000002	ND(.012)*
bis(2-Ethylhexyl)phthalate	0.004	ND(.120)*
Di-n-octylphthalate	0.05	ND(.012)
Total Confident Conc. SVOCs		
Total Estimated Conc. SVOCs TICs		

TABLE 6
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL DATA - AREAS L & M
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYS TOGs - Standards and Guidance Values (mg/L)	HP-CSA-1
Sample Depth		20-23 ft.bg.
Sample Date		2/8/1995
Sample Area		L, M
Sampled By		D&M
Metals (mg/L)		
Aluminum	0.1	1180
Antimony	0.003	1.16
Arsenic	0.025	ND(.0011)
Barium	1	2.86
Beryllium	0.003	0.107
Cadmium	0.01	0.0376
Calcium	NP	6870
Chromium	0.05	1.56
Cobalt	0.005	1.55
Copper	0.2	10.6
Iron	0.3	1510
Lead	0.05	0.0062
Magnesium	35	1050
Manganese	0.3	57.2
Mercury	0.002	0.006
Nickel	NP	2.99
Potassium	NP	31.2
Selenium	0.01	ND(.0075)

TABLE 6
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL DATA - AREAS L & M
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYS TOGs - Standards and Guidance Values (mg/L)	HP-CSA-1
Sample Depth		20-23 ft.bg.
Sample Date		2/8/1995
Sample Area		L, M
Sampled By		D&M
Silver	0.05	0.0413
Sodium	20	44.6
Thallium	0.004	ND(.0012)
Vanadium	0.014	1.03
Zinc	5	14.2
pH (Standard Units)		6.82

Notes:

- 1) ND = Not Detected above method detection limit. Detection limit shown in parentheses.
- 2) NP = No regulated standards are published for that compound
- 3) * = Detection limit exceeds NYS TOG Standards and Guidance Values
- 4) Bold text shows values that exceed NYS TOG Standards and Guidance Values

TABLE 7
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL DATA - AREA N
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYS TOGs - Standards and Guidance Values (mg/L)	HP-MDW-1
Sample Depth		23-26 ft. bg.
Sample Date		2/8/1995
Sample Area		N
Sampled By		D&M
Semi-Volatile Organic Compounds (mg/L)		
Analytical Dilution		1
Napthalene	0.01	ND(.011)*
2-Methylnapthalene	NP	ND(.011)
Acenaphthene	0.02	ND(.011)
Dibenzofuran	NP	ND(.011)
Diethylphthalate	0.05	0.003 J
Fluorene	0.05	ND(.011)
Phenanthrene	0.05	ND(.011)
Di-n-butylphthalate	0.05	0.003 J
Fluoranthene	0.05	ND(.011)
Pyrene	0.05	ND(.011)
Benzo(a)anthracene	0.0000002	ND(.011)*
Chrysene	0.0000002	ND(.011)*
bis(2-Ethylhexyl)phthalate	0.004	0.005 J
Di-n-octylphthalate	0.05	ND(.011)
Total Confident Conc. SVOCs		
Total Estimated Conc. SVOCs TICs		

TABLE 7
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL DATA - AREA N
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYS TOGs - Standards and Guidance Values (mg/L)	HP-MDW-1
Sample Depth		23-26 ft. bg.
Sample Date		2/8/1995
Sample Area		N
Sampled By		D&M
Metals (mg/L)		
Aluminum	0.1	16.5
Antimony	0.003	0.164
Arsenic	0.025	0.0074
Barium	1	0.798
Beryllium	0.003	0.002
Cadmium	0.01	ND(.0033)
Calcium	NP	1330
Chromium	0.05	0.0788
Cobalt	0.005	0.0767
Copper	0.2	0.229
Iron	0.3	40.8
Lead	0.05	0.17
Magnesium	35	259
Manganese	0.3	10.3
Mercury	0.002	0.0088
Nickel	NP	0.103
Potassium	NP	8.07
Selenium	0.01	ND(.008)

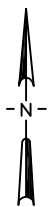
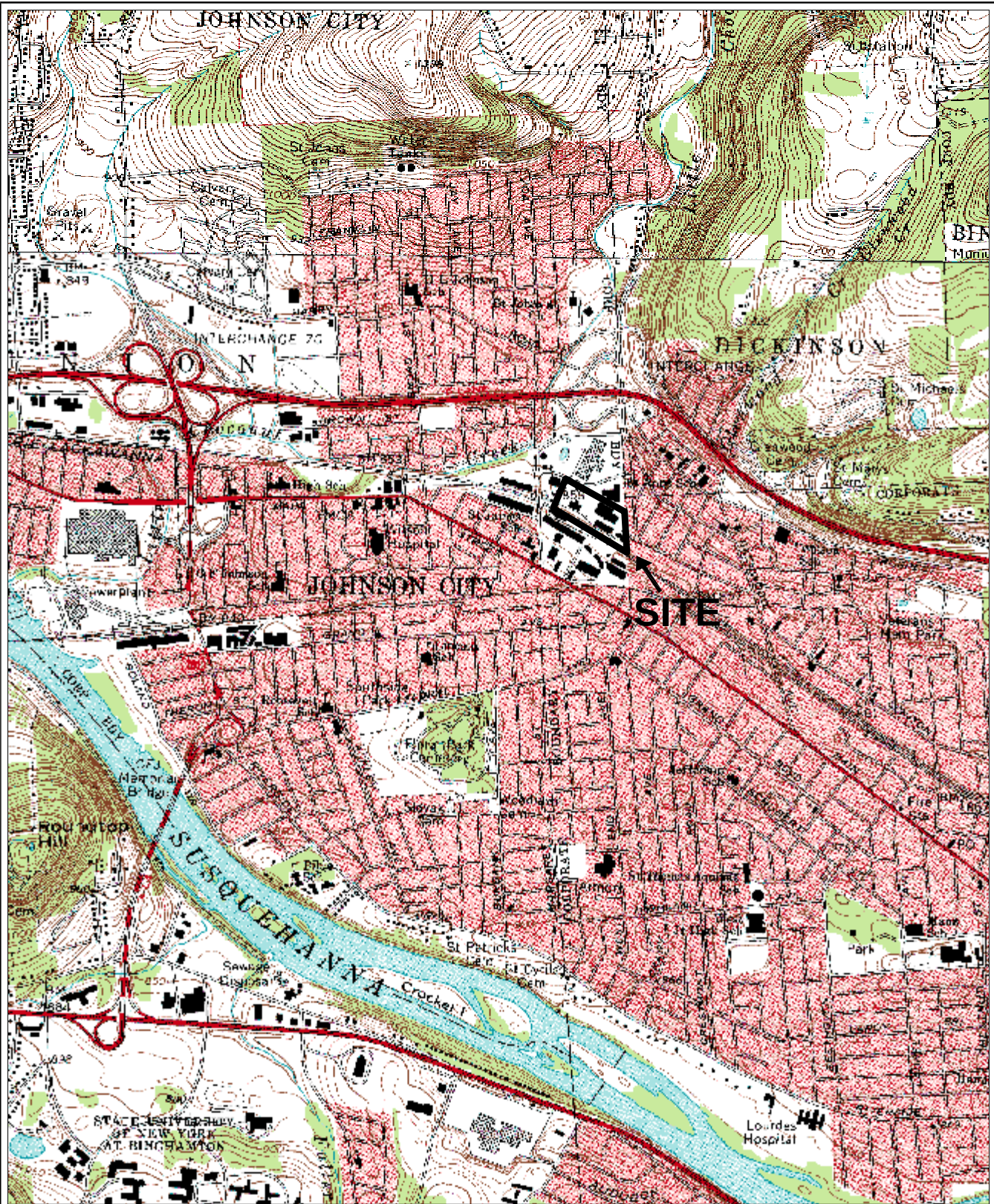
TABLE 7
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL DATA - AREA N
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYS TOGs - Standards and Guidance Values (mg/L)	HP-MDW-1
Sample Depth		23-26 ft. bg.
Sample Date		2/8/1995
Sample Area		N
Sampled By		D&M
Silver	0.05	ND(.007)
Sodium	20	42.7
Thallium	0.004	ND(.0012)
Vanadium	0.014	0.0271
Zinc	5	0.587
pH (Standard Units)		7.62

Notes:

- 1) ND = Not Detected above method detection limit. Detection limit shown in parentheses.
- 2) NP = No regulated standards are published for that compound
- 3) * = Detection limit exceeds NYS TOG Standards and Guidance Values
- 4) Bold text shows values that exceed NYS TOG Standards and Guidance Values

G:\PROJECTS\30603\010 (SOUTHERN PARCEL)\LOCUS.DWG



U.S.G.S. QUADRANGLE: BINGHAMTON WEST, NY



UNDERGROUND
ENGINEERING &
ENVIRONMENTAL
SOLUTIONS

FORMER ENDICOTT-JOHNSON RANGER PARACORD SITE
SOUTHERN PARCEL
JOHNSON CITY, NY

SITE LOCUS

APPROXIMATE SCALE: 1:24,000

OCTOBER 2005

FIGURE 1



LEGEND:

- FENCE
- Removed Utilities
- Approximate Southern Parcel Property Boundary

- MW-8 Approximate location of existing monitoring well.
- Approximate location of subsurface exploration, conducted previously by others.
- Approximate location of subsurface exploration, conducted previously by others, for which physical observations or field screening data was recorded, but from which lab data was not obtained.
- Approximate location of hydropunch, conducted previously by others.
- HPBG-3
- NYSEG Related Areas

- I-N "Hot Spot" Locations identified in Dames & Moore's 1997 Cleanup Plan.
- O Existing Water Supply Well to be Decommissioned.

0 150 300
SCALE IN FEET



UNDERGROUND
ENGINEERING &
ENVIRONMENTAL
SOLUTIONS

FORMER ENDICOTT-JOHNSON RANGER PARACORD SITE
SOUTHERN PARCEL
JOHNSON CITY, NY

SITE PLAN

SCALE: AS SHOWN

OCTOBER 2005

FIGURE 2

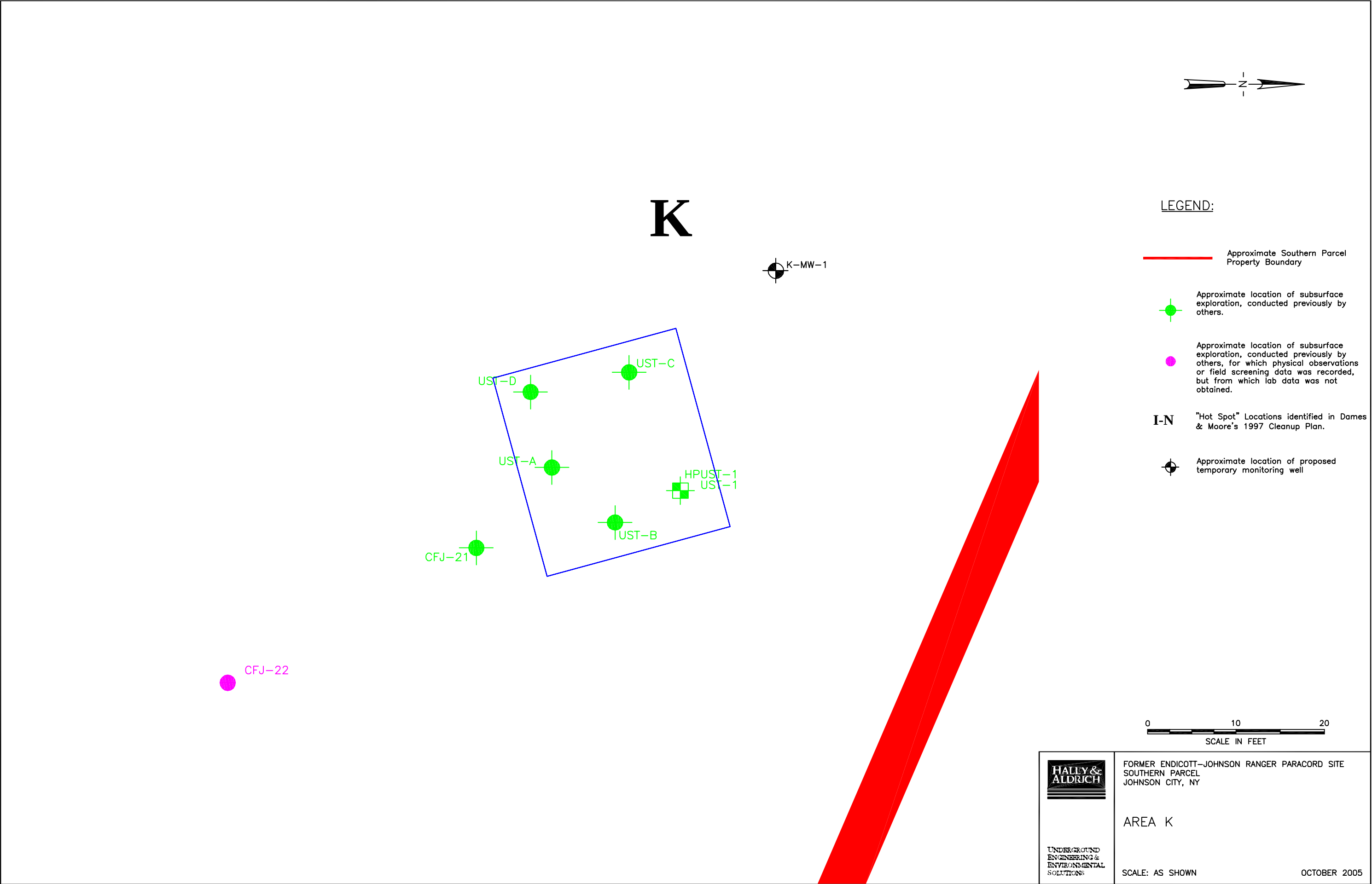


FIGURE 3

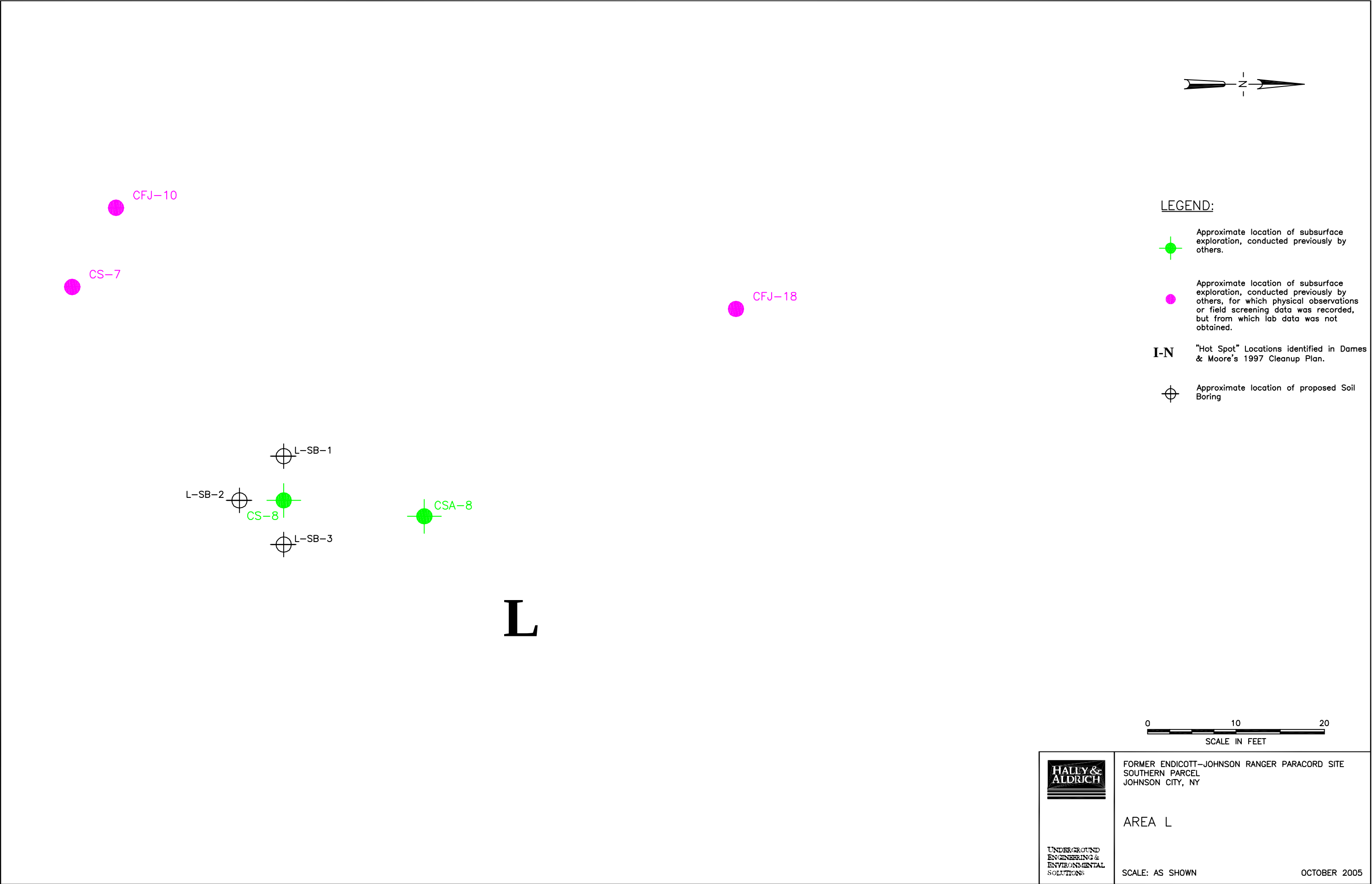


FIGURE 4

30603-010\CAD FILES\ZOOMED AREAS 10-18-05.DWG

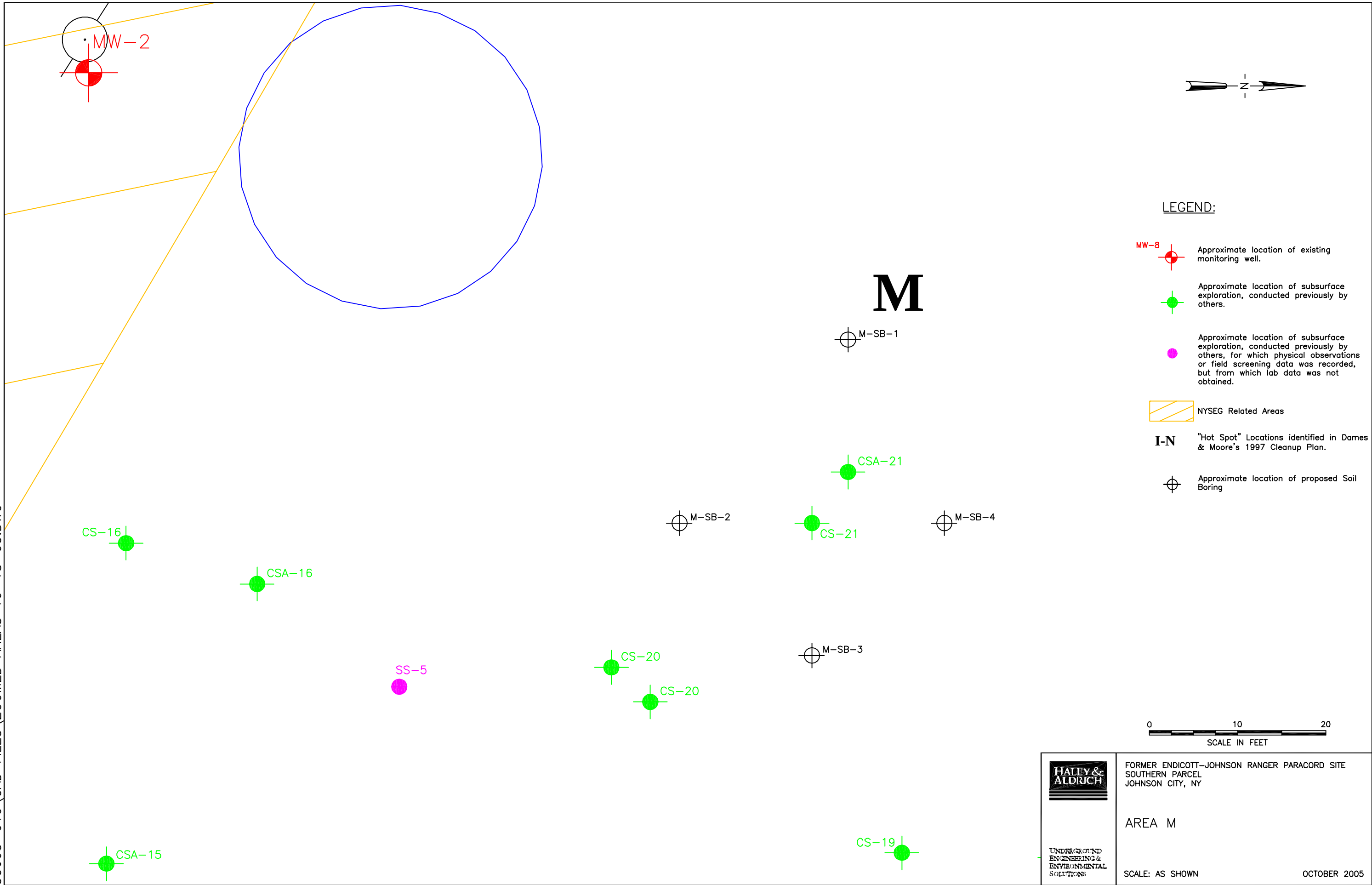
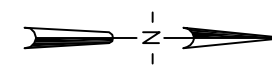
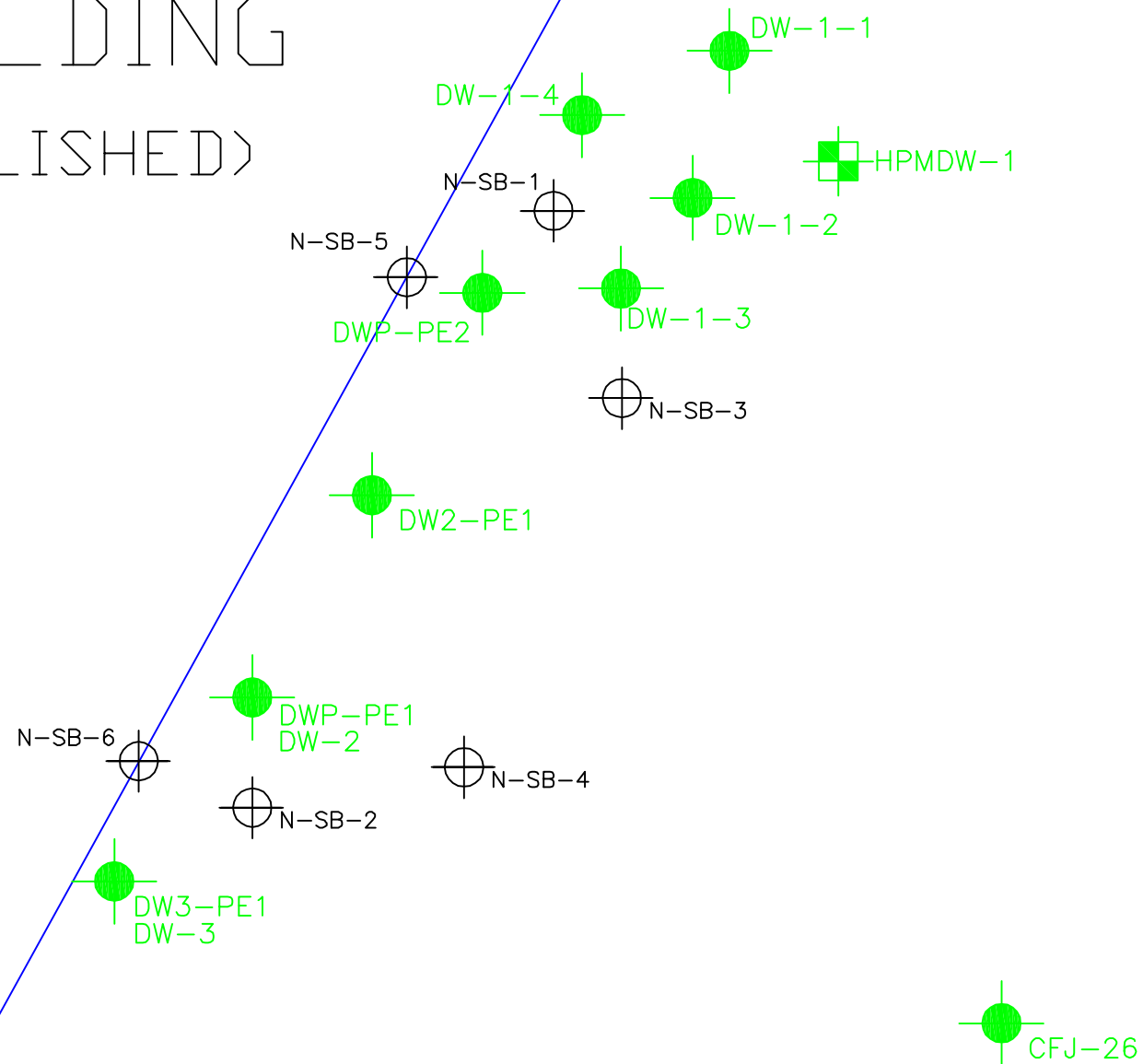


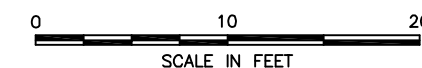
FIGURE 5

MECHANICAL
BUILDING
(DEMOLISHED)



LEGEND:

- Approximate location of subsurface exploration, conducted previously by others.
- Approximate location of hydropunch, conducted previously by others.
- HPBG-3
- I-N** "Hot Spot" Locations identified in Dames & Moore's 1997 Cleanup Plan.
- Approximate location of proposed Soil Boring



 UNDERGROUND ENGINEERING & ENVIRONMENTAL SOLUTIONS	FORMER ENDICOTT-JOHNSON RANGER PARACORD SITE SOUTHERN PARCEL JOHNSON CITY, NY
	AREA N
	SCALE: AS SHOWN

OCTOBER 2005

FIGURE 6

APPENDIX A

Summary Tables of Historical Soil and Groundwater Data

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	BG-1	BG-1A	BG-1B	BG-2	BG-2A*	BG-2A
Sample Depth				6-8 ft. bg.	5-7 ft. bg.	17-19 ft. bg.	2-4 ft. bg.	4-4.5 ft.bg.	3-5 ft. bg.
Sample Date				6/17/1993	2/7/1995	2/7/1995	6/17/1993	1/31/1995	2/7/1995
Sample Area									
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M
Volatile Organic Compounds (mg/kg)									
Analytical Dilution				1.3			1.1	1	
Chloromethane	NA	NA	NA	ND(.013)	--	--	ND(.011)	--	--
Bromomethane	NA	NA	NA	ND(.013)	--	--	ND(.011)	--	--
Vinyl Chloride	0.2	NA	NA	ND(.013)	--	--	ND(.011)	--	--
Chloroethane	1.9	NA	NA	ND(.013)	--	--	ND(.011)	--	--
Methylene Chloride	0.1	NA	NA	0.006 JB	--	--	ND(.011)	ND(.007)	--
Acetone	0.2	NA	NA	ND(.013)	--	--	1 JB	0.02 B	--
Carbon Disulfide	2.7	NA	NA	ND(.013)	--	--	ND(.011)	ND(.007)	--
1,1-Dichloroethene	0.4	NA	NA	ND(.013)	--	--	ND(.011)	--	--
1,1-Dichloroethane	0.2	NA	NA	ND(.013)	--	--	ND(.011)	--	--
1,2-Dichloroethene (total)	0.3	NA	NA	ND(.013)	--	--	ND(.011)	--	--
Chloroform	0.3	NA	NA	ND(.013)	--	--	ND(.011)	--	--
1,2-Dichloroethane	0.2	NA	NA	ND(.013)	--	--	ND(.011)	--	--
2-Butanone	0.3	NA	NA	ND(.013)	--	--	ND(.011)	--	--
1,1,1-Trichloroethane	0.8	NA	NA	ND(.013)	--	--	ND(.011)	--	--
Carbon Tetrachloride	0.6	NA	NA	ND(.013)	--	--	ND(.011)	--	--
Bromodichloromethane	NA	NA	NA	ND(.013)	--	--	ND(.011)	--	--
1,2,-Dichloropropane	NA	NA	NA	ND(.013)	--	--	ND(.011)	--	--
cis-1,3-Dichloropropene	NA	NA	NA	ND(.013)	--	--	ND(.011)	--	--
Trichloroethene	0.7	NA	NA	ND(.013)	--	--	ND(.011)	--	--
Dibromochloromethane	NA	NA	NA	ND(.013)	--	--	ND(.011)	--	--
1,1,2-Trichloroethane	NA	NA	NA	ND(.013)	--	--	ND(.011)	--	--
Benzene	0.06	NA	NA	ND(.013)	--	--	ND(.011)	ND(.007)	--
trans-1,3-Dichloropropene	NA	NA	NA	ND(.013)	--	--	ND(.011)	--	--
Bromoform	NA	NA	NA	ND(.013)	--	--	ND(.011)	--	--
4-Methyl-2-Pentanone	1	NA	NA	ND(.013)	--	--	ND(.011)	--	--
2-Hexanone	NA	NA	NA	ND(.013)	--	--	ND(.011)	--	--
Tetrachloroethene	1.4	NA	NA	ND(.013)	--	--	ND(.011)	--	--
1,1,2,2-Tetrachloroethane	0.6	NA	NA	ND(.013)	--	--	ND(.011)	--	--
Toluene	1.5	NA	NA	ND(.013)	--	--	ND(.011)	ND(.007)	--
Chlorobenzene	1.7	NA	NA	ND(.013)	--	--	ND(.011)	--	--
Ethylbenzene	5.5	NA	NA	ND(.013)	--	--	ND(.011)	--	--
Styrene	NA	NA	NA	ND(.013)	--	--	ND(.011)	--	--
Xylenes (total)	1.2	NA	NA	ND(.013)	--	--	ND(.011)	--	--
Total Confident Conc. VOAs	10	NA	NA						
Total Estimated Conc. VOA TICs									

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	BG-1	BG-1A	BG-1B	BG-2	BG-2A*	BG-2A
Sample Depth				6-8 ft. bg.	5-7 ft. bg.	17-19 ft. bg.	2-4 ft. bg.	4-4.5 ft.bg.	3-5 ft. bg.
Sample Date				6/17/1993	2/7/1995	2/7/1995	6/17/1993	1/31/1995	2/7/1995
Sample Area									
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M
Semi-Volatile Organic Compounds (mg/kg)									
Analytical Dilution				1.3			1.1	1	
Phenol	0.03 or MDL	NA	NA	ND(.420)	--	--	ND(.350)	--	--
bis(2-Chloroethyl)ether	50	NA	NA	ND(.420)	--	--	ND(.350)	--	--
2-Chlorophenol	0.8	NA	NA	ND(.420)	--	--	ND(.350)	--	--
1,3-Dichlorobenzene	50	NA	NA	ND(.420)	--	--	ND(.350)	--	--
1,4-Dichlorobenzene	50	NA	NA	ND(.420)	--	--	ND(.350)	--	--
1,2-Dichlorobenzene	50	NA	NA	ND(.420)	--	--	ND(.350)	--	--
2-Methylphenol	0.1 or MDL	NA	NA	ND(.420)	--	--	ND(.350)	--	--
2,2'-oxybis(1-Chloropropane)	50	NA	NA	ND(.420)	--	--	ND(.350)	--	--
4-Methylphenol	0.9	NA	NA	ND(.420)	--	--	ND(.350)	--	--
N-Nitroso-di-n-propylamine	50	NA	NA	ND(.420)	--	--	ND(.350)	--	--
Hexachloroethane	50	NA	NA	ND(.420)	--	--	ND(.350)	--	--
Nitrobenzene	0.2 or MDL	NA	NA	ND(.420)	--	--	ND(.350)	--	--
Isophorone	4.4	NA	NA	ND(.420)	--	--	ND(.350)	--	--
2-Nitrophenol	0.33 or MDL	NA	NA	ND(.420)	--	--	ND(.350)	--	--
2,4-Dimethylphenol	50	NA	NA	ND(.420)	--	--	ND(.350)	--	--
bis(2-Chloroethoxy) Methane	50	NA	NA	ND(.420)	--	--	ND(.350)	--	--
2,4-Dichlorophenol	0.4	NA	NA	ND(.420)*	--	--	ND(.350)	--	--
1,2,4-Trichlorobenzene	50	NA	NA	ND(.420)	--	--	ND(.350)	--	--
Napthalene	13	NA	ND-0.300 J	ND(.420)	--	--	ND(.350)	--	--
4-Chloroaniline	0.22 or MDL	NA	NA	ND(.420)	--	--	ND(.350)	--	--
Hexachlorobutadiene	50	NA	NA	ND(.420)	--	--	ND(.350)	--	--
4-Chloro-3-methylphenol	0.24 or MDL	NA	NA	ND(.420)	--	--	ND(.350)	--	--
2-Methylnapthalene	36.4	NA	NT	ND(.420)	--	--	ND(.350)	--	--
Hexachlorocyclopentadiene	50	NA	NA	ND(.420)	--	--	ND(.350)	--	--
2,4,6-Trichlorophenol	50	NA	NA	ND(.420)	--	--	ND(.350)	--	--
2,4,5-Trichlorophenol	0.1	NA	NA	ND(2.100)*	--	--	ND(1.800)*	--	--
2-Chloronaphthalene	50	NA	NA	ND(.420)	--	--	ND(.350)	--	--
2-Nitroaniline	0.43 or MDL	NA	NA	ND(2.100)	--	--	ND(1.800)	--	--
Dimethylphthalate	2	NA	NA	ND(.420)	--	--	ND(.350)	--	--
Acenaphthylene	41	NA	ND-0.190 J	ND(.420)	--	--	ND(.350)	--	--
2,6-Dinitrotoluene	1	NA	NA	ND(.420)	--	--	ND(.350)	--	--
3-Nitroaniline	0.5 or MDL	NA	NA	ND(2.100)	--	--	ND(1.800)	--	--
Acenaphthene	50	NA	ND-0.360 J	ND(.420)	--	--	ND(.350)	--	--
2,4-Dinitrophenol	0.2 or MDL	NA	NA	ND(2.100)	--	--	ND(1.800)	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	BG-1	BG-1A	BG-1B	BG-2	BG-2A*	BG-2A
Sample Depth				6-8 ft. bg.	5-7 ft. bg.	17-19 ft. bg.	2-4 ft. bg.	4-4.5 ft.bg.	3-5 ft. bg.
Sample Date				6/17/1993	2/7/1995	2/7/1995	6/17/1993	1/31/1995	2/7/1995
Sample Area									
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M
4-Nitrophenol	0.1 or MDL	NA	NA	ND(2.100)	--	--	ND(1.800)	--	--
Dibenzofuran	6.2	NA	NT	ND(.420)	--	--	ND(.350)	--	--
2,4-Dinitrotoluene	50	NA	NA	ND(.420)	--	--	ND(.350)	--	--
Diethylphthalate	7.1	NA	NA	ND(.420)	--	--	ND(.350)	--	--
4-Chlorophenyl-phenylether	50	NA	NA	ND(.420)	--	--	ND(.350)	--	--
Fluorene	50	NA	ND-0.330 J	ND(.420)	--	--	ND(.350)	--	--
4-Nitroaniline	50	NA	NA	ND(2.100)	--	--	ND(1.800)	--	--
4,6-Dinitro-2-methylphenol	50	NA	NA	ND(2.100)	--	--	ND(1.800)	--	--
N-Nitrosodiphenylamine (1)	50	NA	NA	ND(.420)	--	--	ND(.350)	--	--
4-Bromophenyl-phenylether	50	NA	NA	ND(.420)	--	--	ND(.350)	--	--
Hexachlorobenzene	0.41	NA	NA	ND(.420)*	--	--	ND(.350)	--	--
Pentachlorophenol	1 or MDL	NA	NA	ND(2.100)	--	--	ND(1.800)	--	--
Phenanthrene	50	NA	0.030 J-2.700	ND(.420)	--	--	.051 J	ND(.470)	--
Anthracene	50	NA	ND-0.740	ND(.420)	--	--	ND(.350)	ND(.470)	--
Carbazole	50	NA	NT	ND(.420)	--	--	ND(.350)	ND(.470)	--
Di-n-butylphthalate	8.1	NA	NA	ND(.420)	--	--	ND(.350)	.078 JB	--
Fluoranthene	50	NA	0.068 J-3.600	ND(.420)	--	--	.120 J	.050 J	--
Pyrene	50	NA	0.057 J-3.500	ND(.420)	--	--	.120 J	ND(.470)	--
Butylbenzylphthalate	50	NA	NA	ND(.420)	--	--	ND(.350)	--	--
3-3'-Dichlorobenzidine	50	NA	NA	ND(.420)	--	--	ND(.350)	--	--
Benzo(a)anthracene	0.224 or MDL	NA	0.032 J-1.700	ND(.420)	--	--	.100 J	ND(.470)	--
Chrysene	0.4	NA	0.055 J-2.000	ND(.420)	--	--	.250 J	ND(.470)	--
bis(2-Ethylhexyl)phthalate	50	NA	NT	.067 JB	--	--	.200 JB	ND(.470)	--
Di-n-octylphthalate	50	NA	NA	ND(.420)	--	--	ND(.350)	--	--
Benzo(b)fluoranthene	1.1	NA	0.060-2.200	ND(.420)	--	--	.220 J	ND(.470)	--
Benzo(k)fluoranthene	1.1	NA	0.020 J-0.820	ND(.420)	--	--	.120 J	ND(.470)	--
Benzo(a)pyrene	0.061 or MDL	NA	0.30 J-1.600	0.19 J	--	--	.100 J	ND(.470)	--
Indeno(1,2,3-cd)pyrene	3.2	NA	0.013 J-0.660	ND(.420)	--	--	.092 J	ND(.470)	--
Dibenz(a,h)anthracene	0.014 or MDL	NA	0.015 J-0.190	ND(.420)	--	--	ND(.350)	ND(.470)	--
Benzo(g,h,i)Perylene	50	NA	0.013 J-0.600	ND(.420)	--	--	.096 J	ND(.470)	--
Benzoic Acid	2.7	NA	NA	--	--	--	--	--	--
Total Confident Conc. SVOCs	500	NA	NA						
Total Estimated Conc. SVOCs TICs			NT	3.57			3.47		
Metals (mg/kg)									
Aluminum	SB	33000	NA	10900	12900	5775	8640	--	12600
Antimony	SB	NA	NA	9.5 J	ND(5.60)	ND(6.40)	12.4 J	--	ND(6.40)

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	BG-1	BG-1A	BG-1B	BG-2	BG-2A*	BG-2A
Sample Depth				6-8 ft. bg.	5-7 ft. bg.	17-19 ft. bg.	2-4 ft. bg.	4-4.5 ft.bg.	3-5 ft. bg.
Sample Date				6/17/1993	2/7/1995	2/7/1995	6/17/1993	1/31/1995	2/7/1995
Sample Area									
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M
Arsenic	7.5 or SB	3 - 12	3-12	9.4 J	7.1	4.3	6.1 J	4.7	9.5
Barium	300 or SB	15 - 600	NA	141	46.6	26.4	55	--	61.7
Beryllium	0.16 (HEAST) or SB	0 - 1.75	ND-1.75	0.45	0.49	0.28	0.4	--	0.52
Cadmium	1 or SB	0.1 - 1	0.1-1	ND(.400)	0.45	0.88	ND(.330)	--	ND(.39)
Calcium	SB	130 - 35000	NA	8510	1580	980	13200	--	845
Chromium	10 or SB	1.5 - 40	1.5-40	10.9	17	8.9	14.2	24.2	16
Cobalt	30 or SB	2.5 - 60	NA	6.4 J	11.4	5.6	6.7 J	--	8.5
Copper	25 or SB	1 - 50	1-50	11.6	30.8	24.7	22.4	--	19.2
Iron	2000 or SB	2000 - 550000	NA	15300	30400	14900	18400	--	24900
Lead	SB	SB	200-500	ND(7.100)	6.7	ND(6.40)	25.3 B	--	ND(6.50)
Magnesium	SB	100 - 5000	NA	2580	3970	2490	5170	--	3410
Manganese	SB	50 -5000	NA	426	649	344	704	--	424
Mercury	0.1	0.001 - 0.2	0.001-0.2	ND(.130)	ND(.11)	ND(.12)	ND(.110)	ND(.14)	ND(.12)
Nickel	13 or SB	0.5 - 25	0.5-25	15.2	24.8	12.7	15.8	--	22.3
Potassium	SB	8500 - 43000	NA	1230	930	934	938	--	1040
Selenium	2 or SB	0.1 - 3.9	0.1-3.9	ND(.350)	ND(.11)	ND(.12)	ND(.060)	--	ND(.12)
Silver	SB	NA	NA	ND(1.200)	ND(.74)	ND(.83)	ND(.970)	--	ND(.83)
Sodium	SB	6000 - 8000	NA	162 B	79.9	101	56 B	--	255
Thallium	SB	NA	NA	ND(.280)	ND(.13)	ND(.15)	.29 B	--	ND(.15)
Vanadium	150 or SB	1 - 300	NA	17.8 J	18.6	10.6	16.8	--	18.8
Zinc	20 or SB	9 - 50	9-50	46.5 J	76.4	37.5	77.3 J	--	59.3
Cyanide	NA	NA	NA	ND(.028)	--	--	ND(.240)	ND(.73)	--
Hexavalent Chromium	NA	NA	NA	--	ND(.43)	ND(.48)	--	ND(.056)	ND(.48)
pH (Standard Units)				8.09	--	--	8.35	--	--
Pesticides (mg/kg)									
Analytical Dilution				1.5			1.2	5	
alpha BHC	0.11	NA	NA	ND(.0025)	--	--	ND(.0021)	--	--
beta BHC	0.2	NA	NA	ND(.0025)	--	--	ND(.0021)	--	--
delta BHC	0.3	NA	NA	ND(.0025)	--	--	ND(.0021)	--	--
gamma BHC	0.06	NA	NA	ND(.0025)	--	--	ND(.0021)	--	--
Heptachlor	0.1	NA	NA	ND(.0025)	--	--	ND(.0021)	--	--
Aldrin	0.041	NA	NA	ND(.0025)	--	--	ND(.0021)	--	--
Heptachlor epoxide	0.02	NA	NA	ND(.0025)	--	--	ND(.0021)	--	--
Endosulfan I	0.9	NA	NA	ND(.0025)	--	--	ND(.0021)	--	--
Dieldrin	0.044	NA	NA	ND(.0051)*	--	--	ND(.0043)	--	--
4,4'-DDE	2.1	NA	NA	ND(.0051)	--	--	.0027 J	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	BG-1	BG-1A	BG-1B	BG-2	BG-2A*	BG-2A
Sample Depth				6-8 ft. bg.	5-7 ft. bg.	17-19 ft. bg.	2-4 ft. bg.	4-4.5 ft.bg.	3-5 ft. bg.
Sample Date				6/17/1993	2/7/1995	2/7/1995	6/17/1993	1/31/1995	2/7/1995
Sample Area									
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M
Endrin	0.1	NA	NA	ND(.0051)	--	--	ND(.0043)	--	--
Endosulfan II	0.9	NA	NA	ND(.0051)	--	--	ND(.0043)	--	--
4,4'-DDD	2.9	NA	NA	ND(.0051)	--	--	ND(.0043)	--	--
Endosulfan sulfate	1	NA	NA	ND(.0051)	--	--	ND(.0043)	--	--
4,4'-DDT	2.1	NA	NA	ND(.0051)	--	--	ND(.0043)	--	--
Methoxychlor	10	NA	NA	ND(.025)	--	--	ND(.021)	?	--
Endrin ketone	NA	NA	NA	ND(.0051)	--	--	ND(.0043)	--	--
Endrin Aldehyde	NA	NA	NA	ND(.0051)	--	--	ND(.0043)	--	--
alpha-Chlordane	0.54	NA	NA	ND(.0025)	--	--	ND(.0021)	--	--
gamma-Chlordane	0.54	NA	NA	ND(.0025)	--	--	ND(.0021)	ND(.012)	--
Toxaphene	NA	NA	NA	ND(.084)	--	--	ND(.071)	--	--
PCBs (mg/kg)									
Analytical Dilution				1.5			1.2		
Aroclor-1016	1 (surface)	NA	NA	ND(.084)	--	--	ND(.071)	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--
Aroclor-1221	1 (surface)	NA	NA	ND(.120)	--	--	ND(.140)	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--
Aroclor-1232	1 (surface)	NA	NA	ND(.084)	--	--	ND(.071)	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--
Aroclor-1242	1 (surface)	NA	NA	ND(.084)	--	--	ND(.071)	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--
Aroclor-1248	1 (surface)	NA	NA	ND(.084)	--	--	ND(.071)	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--
Aroclor-1254	1 (surface)	NA	NA	ND(.084)	--	--	ND(.071)	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--
Aroclor-1260	1 (surface)	NA	NA	ND(.084)	--	--	ND(.071)	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--
Total PCBs									

Refer to Table IV for Notes

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	BG-2B	BG-3	BG-3A	BG-3B	BG-4A*	BG-4A
Sample Depth				11-13 ft. bg.	4-6 ft. bg.	1-3 ft. bg.	19-21 ft. bg.	1.5-2 ft. bg.	3-5 ft. bg.
Sample Date				2/7/1995	6/17/1993	2/7/1995	2/7/1995	1/31/1995	2/7/1995
Sample Area									
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M
Volatile Organic Compounds (mg/kg)									
Analytical Dilution					1.2			1	
Chloromethane	NA	NA	NA	--	ND(.012)	--	--	--	--
Bromomethane	NA	NA	NA	--	ND(.012)	--	--	--	--
Vinyl Chloride	0.2	NA	NA	--	ND(.012)	--	--	--	--
Chloroethane	1.9	NA	NA	--	ND(.012)	--	--	--	--
Methylene Chloride	0.1	NA	NA	--	0.004 JB	--	--	ND(.006)	--
Acetone	0.2	NA	NA	--	0.61 JB	--	--	ND(.011)	--
Carbon Disulfide	2.7	NA	NA	--	ND(.012)	--	--	ND(.006)	--
1,1-Dichloroethene	0.4	NA	NA	--	ND(.012)	--	--	--	--
1,1-Dichloroethane	0.2	NA	NA	--	ND(.012)	--	--	--	--
1,2-Dichloroethene (total)	0.3	NA	NA	--	ND(.012)	--	--	--	--
Chloroform	0.3	NA	NA	--	ND(.012)	--	--	--	--
1,2-Dichloroethane	0.2	NA	NA	--	ND(.012)	--	--	--	--
2-Butanone	0.3	NA	NA	--	ND(.012)	--	--	--	--
1,1,1-Trichloroethane	0.8	NA	NA	--	ND(.012)	--	--	--	--
Carbon Tetrachloride	0.6	NA	NA	--	ND(.012)	--	--	--	--
Bromodichloromethane	NA	NA	NA	--	ND(.012)	--	--	--	--
1,2,-Dichloropropane	NA	NA	NA	--	ND(.012)	--	--	--	--
cis-1,3-Dichloropropene	NA	NA	NA	--	ND(.012)	--	--	--	--
Trichloroethene	0.7	NA	NA	--	ND(.012)	--	--	--	--
Dibromochloromethane	NA	NA	NA	--	ND(.012)	--	--	--	--
1,1,2-Trichloroethane	NA	NA	NA	--	ND(.012)	--	--	--	--
Benzene	0.06	NA	NA	--	ND(.012)	--	--	ND(.006)	--
trans-1,3-Dichloropropene	NA	NA	NA	--	ND(.012)	--	--	--	--
Bromoform	NA	NA	NA	--	ND(.012)	--	--	--	--
4-Methyl-2-Pentanone	1	NA	NA	--	ND(.012)	--	--	--	--
2-Hexanone	NA	NA	NA	--	ND(.012)	--	--	--	--
Tetrachloroethene	1.4	NA	NA	--	ND(.012)	--	--	--	--
1,1,2,2-Tetrachloroethane	0.6	NA	NA	--	ND(.012)	--	--	--	--
Toluene	1.5	NA	NA	--	ND(.012)	--	--	0.006 J	--
Chlorobenzene	1.7	NA	NA	--	ND(.012)	--	--	--	--
Ethylbenzene	5.5	NA	NA	--	ND(.012)	--	--	--	--
Styrene	NA	NA	NA	--	ND(.012)	--	--	--	--
Xylenes (total)	1.2	NA	NA	--	ND(.012)	--	--	--	--
Total Confident Conc. VOAs	10	NA	NA						
Total Estimated Conc. VOA TICs									

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	BG-2B	BG-3	BG-3A	BG-3B	BG-4A*	BG-4A
Sample Depth				11-13 ft. bg.	4-6 ft. bg.	1-3 ft. bg.	19-21 ft. bg.	1.5-2 ft. bg.	3-5 ft. bg.
Sample Date				2/7/1995	6/17/1993	2/7/1995	2/7/1995	1/31/1995	2/7/1995
Sample Area									
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M
Semi-Volatile Organic Compounds (mg/kg)									
Analytical Dilution					1.2			1	
Phenol	0.03 or MDL	NA	NA	--	ND(.390)	--	--		--
bis(2-Chloroethyl)ether	50	NA	NA	--	ND(.390)	--	--		--
2-Chlorophenol	0.8	NA	NA	--	ND(.390)	--	--		--
1,3-Dichlorobenzene	50	NA	NA	--	ND(.390)	--	--		--
1,4-Dichlorobenzene	50	NA	NA	--	ND(.390)	--	--		--
1,2-Dichlorobenzene	50	NA	NA	--	ND(.390)	--	--		--
2-Methylphenol	0.1 or MDL	NA	NA	--	ND(.390)	--	--		--
2,2'-oxybis(1-Chloropropane)	50	NA	NA	--	ND(.390)	--	--		--
4-Methylphenol	0.9	NA	NA	--	ND(.390)	--	--		--
N-Nitroso-di-n-propylamine	50	NA	NA	--	ND(.390)	--	--		--
Hexachloroethane	50	NA	NA	--	ND(.390)	--	--		--
Nitrobenzene	0.2 or MDL	NA	NA	--	ND(.390)	--	--		--
Isophorone	4.4	NA	NA	--	ND(.390)	--	--		--
2-Nitrophenol	0.33 or MDL	NA	NA	--	ND(.390)	--	--		--
2,4-Dimethylphenol	50	NA	NA	--	ND(.390)	--	--		--
bis(2-Chloroethoxy) Methane	50	NA	NA	--	ND(.390)	--	--		--
2,4-Dichlorophenol	0.4	NA	NA	--	ND(.390)	--	--		--
1,2,4-Trichlorobenzene	50	NA	NA	--	ND(.390)	--	--		--
Napthalene	13	NA	ND-0.300 J	--	ND(.390)	--	--		--
4-Chloroaniline	0.22 or MDL	NA	NA	--	ND(.390)	--	--		--
Hexachlorobutadiene	50	NA	NA	--	ND(.390)	--	--		--
4-Chloro-3-methylphenol	0.24 or MDL	NA	NA	--	ND(.390)	--	--		--
2-Methylnapthalene	36.4	NA	NT	--	ND(.390)	--	--		--
Hexachlorocyclopentadiene	50	NA	NA	--	ND(.390)	--	--		--
2,4,6-Trichlorophenol	50	NA	NA	--	ND(.390)	--	--		--
2,4,5-Trichlorophenol	0.1	NA	NA	--	ND(1.900)*	--	--		--
2-Chloronaphthalene	50	NA	NA	--	ND(.390)	--	--		--
2-Nitroaniline	0.43 or MDL	NA	NA	--	ND(1.900)	--	--		--
Dimethylphthalate	2	NA	NA	--	ND(.390)	--	--		--
Acenaphthylene	41	NA	ND-0.190 J	--	ND(.390)	--	--		--
2,6-Dinitrotoluene	1	NA	NA	--	ND(.390)	--	--		--
3-Nitroaniline	0.5 or MDL	NA	NA	--	ND(1.900)	--	--		--
Acenaphthene	50	NA	ND-0.360 J	--	ND(.390)	--	--		--
2,4-Dinitrophenol	0.2 or MDL	NA	NA	--	ND(1.900)	--	--		--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	BG-2B	BG-3	BG-3A	BG-3B	BG-4A*	BG-4A
Sample Depth				11-13 ft. bg.	4-6 ft. bg.	1-3 ft. bg.	19-21 ft. bg.	1.5-2 ft. bg.	3-5 ft. bg.
Sample Date				2/7/1995	6/17/1993	2/7/1995	2/7/1995	1/31/1995	2/7/1995
Sample Area									
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M
4-Nitrophenol	0.1 or MDL	NA	NA	--	ND(1.900)	--	--		--
Dibenzofuran	6.2	NA	NT	--	ND(.390)	--	--		--
2,4-Dinitrotoluene	50	NA	NA	--	ND(.390)	--	--		--
Diethylphthalate	7.1	NA	NA	--	ND(.390)	--	--		--
4-Chlorophenyl-phenylether	50	NA	NA	--	ND(.390)	--	--		--
Fluorene	50	NA	ND-0.330 J	--	ND(.390)	--	--		--
4-Nitroaniline	50	NA	NA	--	ND(1.900)	--	--		--
4,6-Dinitro-2-methylphenol	50	NA	NA	--	ND(1.900)	--	--		--
N-Nitrosodiphenylamine (1)	50	NA	NA	--	ND(.390)	--	--		--
4-Bromophenyl-phenylether	50	NA	NA	--	ND(.390)	--	--		--
Hexachlorobenzene	0.41	NA	NA	--	ND(.390)	--	--		--
Pentachlorophenol	1 or MDL	NA	NA	--	ND(1.900)	--	--		--
Phenanthrene	50	NA	0.030 J-2.700	--	.12 J	--	--	0.44	--
Anthracene	50	NA	ND-0.740	--	ND(.390)	--	--	.088 J	--
Carbazole	50	NA	NT	--	ND(.390)	--	--	.087 J	--
Di-n-butylphthalate	8.1	NA	NA	--	ND(.390)	--	--	.050 JB	--
Fluoranthene	50	NA	0.068 J-3.600	--	.095 J	--	--	0.061	--
Pyrene	50	NA	0.057 J-3.500	--	.120 J	--	--	0.47	--
Butylbenzylphthalate	50	NA	NA	--	ND(.390)	--	--		--
3-3'-Dichlorobenzidine	50	NA	NA	--	ND(.390)	--	--		--
Benzo(a)anthracene	0.224 or MDL	NA	0.032 J-1.700	--	.057 J	--	--	.250 J	--
Chrysene	0.4	NA	0.055 J-2.000	--	.075 J	--	--	.360 J	--
bis(2-Ethylhexyl)phthalate	50	NA	NT	--	.061 JB	--	--	ND(.370)	--
Di-n-octylphthalate	50	NA	NA	--	ND(.390)	--	--		--
Benzo(b)fluoranthene	1.1	NA	0.060-2.200	--	.056 J	--	--	.260 J	--
Benzo(k)fluoranthene	1.1	NA	0.020 J-0.820	--	ND(.390)	--	--	.150 J	--
Benzo(a)pyrene	0.061 or MDL	NA	0.30 J-1.600	--	.052 J	--	--	.210 J	--
Indeno(1,2,3-cd)pyrene	3.2	NA	0.013 J-0.660	--	ND(.390)	--	--	.120 J	--
Dibenz(a,h)anthracene	0.014 or MDL	NA	0.015 J-0.190	--	ND(.390)	--	--	ND(.370)	--
Benzo(g,h,i)Perylene	50	NA	0.013 J-0.600	--	ND(.390)	--	--	.120 J	--
Benzoic Acid	2.7	NA	NA	--	--	--	--	--	--
Total Confident Conc. SVOCs	500	NA	NA						
Total Estimated Conc. SVOCs TICs			NT		1.7			1.52	
Metals (mg/kg)									
Aluminum	SB	33000	NA	12300	9700	12000	6710	--	3780
Antimony	SB	NA	NA	ND(6.70)	12.4 J	ND(5.90)	13.8	--	ND(6.50)

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	BG-2B	BG-3	BG-3A	BG-3B	BG-4A*	BG-4A
Sample Depth				11-13 ft. bg.	4-6 ft. bg.	1-3 ft. bg.	19-21 ft. bg.	1.5-2 ft. bg.	3-5 ft. bg.
Sample Date				2/7/1995	6/17/1993	2/7/1995	2/7/1995	1/31/1995	2/7/1995
Sample Area									
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M
Arsenic	7.5 or SB	3 - 12	3-12	3.4	5.1 J	17.6	3.5	20.4	11.3
Barium	300 or SB	15 - 600	NA	75.5	68	58.9	35.3	--	307
Beryllium	0.16 (HEAST) or SB	0 - 1.75	ND-1.75	0.53	0.51	0.52	0.28	--	0.66
Cadmium	1 or SB	0.1 - 1	0.1-1	ND(.41)	1.3 J	ND(.37)	ND(.42)	--	0.54
Calcium	SB	130 - 35000	NA	923	1270 J	2190	35900	--	3820
Chromium	10 or SB	1.5 - 40	1.5-40	17.1	13.1	15	9.8	7	6.5
Cobalt	30 or SB	2.5 - 60	NA	20.3	9.3 J	10.5	4.1	--	4.4
Copper	25 or SB	1 - 50	1-50	17.1	26.1	27.6	19.2	--	15.3
Iron	2000 or SB	2000 - 550000	NA	21400	23200	27000	12200	--	7290
Lead	SB	SB	200-500	11.8	15.5 B	15.8	ND(7.00)	--	ND(6.60)
Magnesium	SB	100 - 5000	NA	3830	3180	3840	12100	--	158
Manganese	SB	50 -5000	NA	270	1360	519	439	--	20.1
Mercury	0.1	0.001 - 0.2	0.001-0.2	ND(.13)	ND(.120)	ND(.11)	ND(.13)	0.2	ND(0.12)
Nickel	13 or SB	0.5 - 25	0.5-25	25.7	21.1	24.1	12.7	--	7.3
Potassium	SB	8500 - 43000	NA	942	816	833	901	--	255
Selenium	2 or SB	0.1 - 3.9	0.1-3.9	ND(.13)	ND(.320)	ND(.11)	ND(.13)	--	2.3
Silver	SB	NA	NA	ND(.88)	ND(1.000)	ND(.78)	ND(.90)	--	ND(.85)
Sodium	SB	6000 - 8000	NA	155	128 B	514	261	--	118
Thallium	SB	NA	NA	ND(.16)	0.29 BJ	ND(.14)	ND(.16)	--	ND(.15)
Vanadium	150 or SB	1 - 300	NA	17.9	17.3 J	17.4	10.4	--	15.6
Zinc	20 or SB	9 - 50	9-50	105	65.8 J	75	43.3	--	37.7
Cyanide	NA	NA	NA	--	ND(.260)	--	--	ND(.57)	--
Hexavalent Chromium	NA	NA	NA	ND(.51)	--	ND(.46)	ND(.52)	ND(.45)	ND(.49)
pH (Standard Units)				--	5.44	--	--	--	--
Pesticides (mg/kg)									
Analytical Dilution					1.4			2	
alpha BHC	0.11	NA	NA	--	ND(.0023)	--	--	--	--
beta BHC	0.2	NA	NA	--	ND(.0023)	--	--	--	--
delta BHC	0.3	NA	NA	--	ND(.0023)	--	--	--	--
gamma BHC	0.06	NA	NA	--	ND(.0023)	--	--	--	--
Heptachlor	0.1	NA	NA	--	ND(.0023)	--	--	--	--
Aldrin	0.041	NA	NA	--	ND(.0023)	--	--	--	--
Heptachlor epoxide	0.02	NA	NA	--	ND(.0023)	--	--	--	--
Endosulfan I	0.9	NA	NA	--	ND(.0023)	--	--	--	--
Dieldrin	0.044	NA	NA	--	ND(.0046)*	--	--	--	--
4,4'-DDE	2.1	NA	NA	--	ND(.0046)	--	--	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	BG-2B	BG-3	BG-3A	BG-3B	BG-4A*	BG-4A
Sample Depth				11-13 ft. bg.	4-6 ft. bg.	1-3 ft. bg.	19-21 ft. bg.	1.5-2 ft. bg.	3-5 ft. bg.
Sample Date				2/7/1995	6/17/1993	2/7/1995	2/7/1995	1/31/1995	2/7/1995
Sample Area									
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M
Endrin	0.1	NA	NA	--	ND(.0046)	--	--	--	--
Endosulfan II	0.9	NA	NA	--	ND(.0046)	--	--	--	--
4,4'-DDD	2.9	NA	NA	--	ND(.0046)	--	--	--	--
Endosulfan sulfate	1	NA	NA	--	ND(.0046)	--	--	--	--
4,4'-DDT	2.1	NA	NA	--	ND(.0046)	--	--	--	--
Methoxychlor	10	NA	NA	--	ND(.023)	--	--	0.021 J	--
Endrin ketone	NA	NA	NA	--	ND(.0046)	--	--	--	--
Endrin Aldehyde	NA	NA	NA	--	ND(.0046)	--	--	--	--
alpha-Chlordane	0.54	NA	NA	--	ND(.0023)	--	--	--	--
gamma-Chlordane	0.54	NA	NA	--	ND(.0023)	--	--	0.005	--
Toxaphene	NA	NA	NA	--	ND(.078)	--	--	--	--
PCBs (mg/kg)									
Analytical Dilution					1.4				
Aroclor-1016	1 (surface)	NA	NA	--	ND(.078)	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--
Aroclor-1221	1 (surface)	NA	NA	--	ND(.160)	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--
Aroclor-1232	1 (surface)	NA	NA	--	ND(.078)	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--
Aroclor-1242	1 (surface)	NA	NA	--	ND(.078)	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--
Aroclor-1248	1 (surface)	NA	NA	--	ND(.078)	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--
Aroclor-1254	1 (surface)	NA	NA	--	ND(.078)	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--
Aroclor-1260	1 (surface)	NA	NA	--	ND(.078)	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--
Total PCBs									

Refer to Table IV for Notes

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	BG-4B*	BG-4B	BG-5A*	BG-5A	BG-5B*	BG-5B
Sample Depth				7-7.5 ft. bg.	23-25 ft. bg.	1-1.5 ft. bg.	1-3 ft. bg.	8-8.5 ft. bg.	17-19 ft. bg.
Sample Date				1/31/1995	2/7/1995	2/1/1995	2/8/1995	2/1/1995	2/8/1995
Sample Area									
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M
Volatile Organic Compounds (mg/kg)									
Analytical Dilution				1		1		1	
Chloromethane	NA	NA	NA	--	--	--	--	--	--
Bromomethane	NA	NA	NA	--	--	--	--	--	--
Vinyl Chloride	0.2	NA	NA	--	--	--	--	--	--
Chloroethane	1.9	NA	NA	--	--	--	--	--	--
Methylene Chloride	0.1	NA	NA	ND(.006)	--	ND(.006)	--	0.006 J	--
Acetone	0.2	NA	NA	0.058 B	--	0.082 B	--	0.088 B	--
Carbon Disulfide	2.7	NA	NA	ND(.006)	--	ND(.006)	--	0.011	--
1,1-Dichloroethene	0.4	NA	NA	--	--	--	--	--	--
1,1-Dichloroethane	0.2	NA	NA	--	--	--	--	--	--
1,2-Dichloroethene (total)	0.3	NA	NA	--	--	--	--	--	--
Chloroform	0.3	NA	NA	--	--	--	--	--	--
1,2-Dichloroethane	0.2	NA	NA	--	--	--	--	--	--
2-Butanone	0.3	NA	NA	--	--	--	--	--	--
1,1,1-Trichloroethane	0.8	NA	NA	--	--	--	--	--	--
Carbon Tetrachloride	0.6	NA	NA	--	--	--	--	--	--
Bromodichloromethane	NA	NA	NA	--	--	--	--	--	--
1,2,-Dichloropropane	NA	NA	NA	--	--	--	--	--	--
cis-1,3-Dichloropropene	NA	NA	NA	--	--	--	--	--	--
Trichloroethene	0.7	NA	NA	--	--	--	--	--	--
Dibromochloromethane	NA	NA	NA	--	--	--	--	--	--
1,1,2-Trichloroethane	NA	NA	NA	--	--	--	--	--	--
Benzene	0.06	NA	NA	ND(.006)	--	0.014	--	ND(.006)	--
trans-1,3-Dichloropropene	NA	NA	NA	--	--	--	--	--	--
Bromoform	NA	NA	NA	--	--	--	--	--	--
4-Methyl-2-Pentanone	1	NA	NA	--	--	--	--	--	--
2-Hexanone	NA	NA	NA	--	--	--	--	--	--
Tetrachloroethene	1.4	NA	NA	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	0.6	NA	NA	--	--	--	--	--	--
Toluene	1.5	NA	NA	ND(.006)	--	0.047	--	ND(.006)	--
Chlorobenzene	1.7	NA	NA	--	--	--	--	--	--
Ethylbenzene	5.5	NA	NA	--	--	--	--	--	--
Styrene	NA	NA	NA	--	--	--	--	--	--
Xylenes (total)	1.2	NA	NA	--	--	--	--	--	--
Total Confident Conc. VOAs	10	NA	NA			0.061		0.011	
Total Estimated Conc. VOA TICs									

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	BG-4B*	BG-4B	BG-5A*	BG-5A	BG-5B*	BG-5B
Sample Depth				7-7.5 ft. bg.	23-25 ft. bg.	1-1.5 ft. bg.	1-3 ft. bg.	8-8.5 ft. bg.	17-19 ft. bg.
Sample Date				1/31/1995	2/7/1995	2/1/1995	2/8/1995	2/1/1995	2/8/1995
Sample Area									
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M
Semi-Volatile Organic Compounds (mg/kg)									
Analytical Dilution				1		1		1	
Phenol	0.03 or MDL	NA	NA		--		--		--
bis(2-Chloroethyl)ether	50	NA	NA		--		--		--
2-Chlorophenol	0.8	NA	NA		--		--		--
1,3-Dichlorobenzene	50	NA	NA		--		--		--
1,4-Dichlorobenzene	50	NA	NA		--		--		--
1,2-Dichlorobenzene	50	NA	NA		--		--		--
2-Methylphenol	0.1 or MDL	NA	NA		--		--		--
2,2'-oxybis(1-Chloropropane)	50	NA	NA		--		--		--
4-Methylphenol	0.9	NA	NA		--		--		--
N-Nitroso-di-n-propylamine	50	NA	NA		--		--		--
Hexachloroethane	50	NA	NA		--		--		--
Nitrobenzene	0.2 or MDL	NA	NA		--		--		--
Isophorone	4.4	NA	NA		--		--		--
2-Nitrophenol	0.33 or MDL	NA	NA		--		--		--
2,4-Dimethylphenol	50	NA	NA		--		--		--
bis(2-Chloroethoxy) Methane	50	NA	NA		--		--		--
2,4-Dichlorophenol	0.4	NA	NA		--		--		--
1,2,4-Trichlorobenzene	50	NA	NA		--		--		--
Napthalene	13	NA	ND-0.300 J		--		--		--
4-Chloroaniline	0.22 or MDL	NA	NA		--		--		--
Hexachlorobutadiene	50	NA	NA		--		--		--
4-Chloro-3-methylphenol	0.24 or MDL	NA	NA		--		--		--
2-Methylnapthalene	36.4	NA	NT		--		--		--
Hexachlorocyclopentadiene	50	NA	NA		--		--		--
2,4,6-Trichlorophenol	50	NA	NA		--		--		--
2,4,5-Trichlorophenol	0.1	NA	NA		--		--		--
2-Chloronaphthalene	50	NA	NA		--		--		--
2-Nitroaniline	0.43 or MDL	NA	NA		--		--		--
Dimethylphthalate	2	NA	NA		--		--		--
Acenaphthylene	41	NA	ND-0.190 J		--		--		--
2,6-Dinitrotoluene	1	NA	NA		--		--		--
3-Nitroaniline	0.5 or MDL	NA	NA		--		--		--
Acenaphthene	50	NA	ND-0.360 J		--		--		--
2,4-Dinitrophenol	0.2 or MDL	NA	NA		--		--		--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	BG-4B*	BG-4B	BG-5A*	BG-5A	BG-5B*	BG-5B
Sample Depth				7-7.5 ft. bg.	23-25 ft. bg.	1-1.5 ft. bg.	1-3 ft. bg.	8-8.5 ft. bg.	17-19 ft. bg.
Sample Date				1/31/1995	2/7/1995	2/1/1995	2/8/1995	2/1/1995	2/8/1995
Sample Area									
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M
4-Nitrophenol	0.1 or MDL	NA	NA		--		--		--
Dibenzofuran	6.2	NA	NT		--		--		--
2,4-Dinitrotoluene	50	NA	NA		--		--		--
Diethylphthalate	7.1	NA	NA		--		--		--
4-Chlorophenyl-phenylether	50	NA	NA		--		--		--
Fluorene	50	NA	ND-0.330 J		--		--		--
4-Nitroaniline	50	NA	NA		--		--		--
4,6-Dinitro-2-methylphenol	50	NA	NA		--		--		--
N-Nitrosodiphenylamine (1)	50	NA	NA		--		--		--
4-Bromophenyl-phenylether	50	NA	NA		--		--		--
Hexachlorobenzene	0.41	NA	NA		--		--		--
Pentachlorophenol	1 or MDL	NA	NA		--		--		--
Phenanthrene	50	NA	0.030 J-2.700	ND(.410)	--	0.19 J	--	NA(.420)	--
Anthracene	50	NA	ND-0.740	ND(.410)	--	0.048 J	--	NA(.420)	--
Carbazole	50	NA	NT	ND(.410)	--	ND(.390)	--	NA(.420)	--
Di-n-butylphthalate	8.1	NA	NA	0.058 J	--	0.057 JB	--	0.15 JB	--
Fluoranthene	50	NA	0.068 J-3.600	ND(.410)	--	0.30 J	--	NA(.420)	--
Pyrene	50	NA	0.057 J-3.500	ND(.410)	--	0.27 J	--	NA(.420)	--
Butylbenzylphthalate	50	NA	NA		--		--		--
3-3'-Dichlorobenzidine	50	NA	NA		--		--		--
Benzo(a)anthracene	0.224 or MDL	NA	0.032 J-1.700	ND(.410)	--	0.19 J	--	NA(.420)	--
Chrysene	0.4	NA	0.055 J-2.000	ND(.410)	--	0.35 J	--	NA(.420)	--
bis(2-Ethylhexyl)phthalate	50	NA	NT	ND(.410)	--	0.064 J	--	NA(.420)	--
Di-n-octylphthalate	50	NA	NA		--		--		--
Benzo(b)fluoranthene	1.1	NA	0.060-2.200	ND(.410)	--	0.21 J	--	NA(.420)	--
Benzo(k)fluoranthene	1.1	NA	0.020 J-0.820	ND(.410)	--	0.19 J	--	NA(.420)	--
Benzo(a)pyrene	0.061 or MDL	NA	0.30 J-1.600	ND(.410)	--	0.16 J	--	NA(.420)	--
Indeno(1,2,3-cd)pyrene	3.2	NA	0.013 J-0.660	ND(.410)	--	0.09 J	--	NA(.420)	--
Dibenz(a,h)anthracene	0.014 or MDL	NA	0.015 J-0.190	ND(.410)	--	0.045 J	--	NA(.420)	--
Benzo(g,h,i)Perylene	50	NA	0.013 J-0.600	ND(.410)	--	0.086 J	--	NA(.420)	--
Benzoic Acid	2.7	NA	NA	--	--	--	--	--	--
Total Confident Conc. SVOCs	500	NA	NA						
Total Estimated Conc. SVOCs TICs			NT						
Metals (mg/kg)									
Aluminum	SB	33000	NA	--	5580	1470	1470 / 10700	20700	3590
Antimony	SB	NA	NA	--	15.1	ND(6.2)	ND(7.40)	ND(6.6)	18.5

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	BG-4B*	BG-4B	BG-5A*	BG-5A	BG-5B*	BG-5B
Sample Depth				7-7.5 ft. bg.	23-25 ft. bg.	1-1.5 ft. bg.	1-3 ft. bg.	8-8.5 ft. bg.	17-19 ft. bg.
Sample Date				1/31/1995	2/7/1995	2/1/1995	2/8/1995	2/1/1995	2/8/1995
Sample Area									
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M
Arsenic	7.5 or SB	3 - 12	3-12	5.7	2.1	28.9	7.6	5.5	2.4
Barium	300 or SB	15 - 600	NA	--	101	29.5	62.8	103	15.7
Beryllium	0.16 (HEAST) or SB	0 - 1.75	ND-1.75	--	0.22	0.56	0.65	0.73	0.2
Cadmium	1 or SB	0.1 - 1	0.1-1	--	ND(.40)	ND(.39)	0.49	ND(.41)	0.56
Calcium	SB	130 - 35000	NA	--	47900	2540	1450	1920	61000
Chromium	10 or SB	1.5 - 40	1.5-40	14.4	8.9	7.8	23.6	21.5	6.1
Cobalt	30 or SB	2.5 - 60	NA	--	4.7	2.7	4.7	8.7	3.6
Copper	25 or SB	1 - 50	1-50	--	30.2	27.8	40.8	12.8	21.4
Iron	2000 or SB	2000 - 550000	NA	--	12700	8870	17400	32500	8460
Lead	SB	SB	200-500	--	17.5	17.3	27.9	7.3	ND(6.50)
Magnesium	SB	100 - 5000	NA	--	5940	502	1570	3910	10400
Manganese	SB	50 -5000	NA	--	230	61.1	70	393	262
Mercury	0.1	0.001 - 0.2	0.001-0.2	ND(.12)	ND(.12)	0.15	0.16	ND(.12)	ND(.12)
Nickel	13 or SB	0.5 - 25	0.5-25	--	13.1	6.2	14	24.1	9.9
Potassium	SB	8500 - 43000	NA	--	520	373	657	961	607
Selenium	2 or SB	0.1 - 3.9	0.1-3.9	--	ND(.13)	ND(1.90)	1.5	0.24	ND(.62)
Silver	SB	NA	NA	--	ND(.86)	ND(.82)	ND(.96)	ND(.87)	ND(.84)
Sodium	SB	6000 - 8000	NA	--	124	68.9	79.7	167	83.2
Thallium	SB	NA	NA	--	ND(.15)	0.9	0.37	ND(.15)	ND(.12)
Vanadium	150 or SB	1 - 300	NA	--	8.9	10.1	20.3	28.6	7.2
Zinc	20 or SB	9 - 50	9-50	--	163	39.1	1120	72.7	37.4
Cyanide	NA	NA	NA	ND(.62)	--	ND(.59)	--	ND(.62)	--
Hexavalent Chromium	NA	NA	NA	ND(.49)	ND(.49)	ND(.47)	ND(.56)	ND(.50)	ND(.48)
pH (Standard Units)				--	--	--	--	--	--
Pesticides (mg/kg)									
Analytical Dilution				1		1		1	
alpha BHC	0.11	NA	NA	--	--	--	--	--	--
beta BHC	0.2	NA	NA	--	--	--	--	--	--
delta BHC	0.3	NA	NA	--	--	--	--	--	--
gamma BHC	0.06	NA	NA	--	--	--	--	--	--
Heptachlor	0.1	NA	NA	--	--	--	--	--	--
Aldrin	0.041	NA	NA	--	--	--	--	--	--
Heptachlor epoxide	0.02	NA	NA	--	--	--	--	--	--
Endosulfan I	0.9	NA	NA	--	--	--	--	--	--
Dieldrin	0.044	NA	NA	--	--	--	--	--	--
4,4'-DDE	2.1	NA	NA	--	--	--	--	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	BG-4B*	BG-4B	BG-5A*	BG-5A	BG-5B*	BG-5B
Sample Depth				7-7.5 ft. bg.	23-25 ft. bg.	1-1.5 ft. bg.	1-3 ft. bg.	8-8.5 ft. bg.	17-19 ft. bg.
Sample Date				1/31/1995	2/7/1995	2/1/1995	2/8/1995	2/1/1995	2/8/1995
Sample Area									
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M
Endrin	0.1	NA	NA	--	--	--	--	--	--
Endosulfan II	0.9	NA	NA	--	--	--	--	--	--
4,4'-DDD	2.9	NA	NA	--	--	--	--	--	--
Endosulfan sulfate	1	NA	NA	--	--	--	--	--	--
4,4'-DDT	2.1	NA	NA	--	--	--	--	--	--
Methoxychlor	10	NA	NA	ND(0.021)	--	0.027	--	ND(.021)	--
Endrin ketone	NA	NA	NA	--	--	--	--	--	--
Endrin Aldehyde	NA	NA	NA	--	--	--	--	--	--
alpha-Chlordane	0.54	NA	NA	--	--	--	--	--	--
gamma-Chlordane	0.54	NA	NA	ND(0.0021)	--	0.005	--	ND(.0021)	--
Toxaphene	NA	NA	NA	--	--	--	--	--	--
PCBs (mg/kg)									
Analytical Dilution									
Aroclor-1016	1 (surface)	NA	NA	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--
Aroclor-1221	1 (surface)	NA	NA	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--
Aroclor-1232	1 (surface)	NA	NA	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--
Aroclor-1242	1 (surface)	NA	NA	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--
Aroclor-1248	1 (surface)	NA	NA	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--
Aroclor-1254	1 (surface)	NA	NA	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--
Aroclor-1260	1 (surface)	NA	NA	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--
Total PCBs									

Refer to Table IV for Notes

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	BG-6A	BG-6B	BG-6C	BG-7	BG-7A	BG-7B	BG-8A
Sample Depth				1-3 ft. bg.	11-13 ft. bg.	11-13 ft. bg.	7-7.5 ft. bg.	1-3 ft. bg.	15-17 ft. bg.	6-6.6 ft. bg.
Sample Date				2/8/1995	2/8/1995	2/8/1995	2/1/1995	2/8/1995	2/8/1995	2/1/1995
Sample Area										
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Volatile Organic Compounds (mg/kg)							1			1
Analytical Dilution										
Chloromethane	NA	NA	NA	--	--	--	--	--	--	--
Bromomethane	NA	NA	NA	--	--	--	--	--	--	--
Vinyl Chloride	0.2	NA	NA	--	--	--	--	--	--	--
Chloroethane	1.9	NA	NA	--	--	--	--	--	--	--
Methylene Chloride	0.1	NA	NA	--	--	--	ND(.006)	--	--	0.005 J
Acetone	0.2	NA	NA	--	--	--	0.036 B	--	--	ND(.012)
Carbon Disulfide	2.7	NA	NA	--	--	--	ND(.006)	--	--	ND(.006)
1,1-Dichloroethene	0.4	NA	NA	--	--	--	--	--	--	--
1,1-Dichloroethane	0.2	NA	NA	--	--	--	--	--	--	--
1,2-Dichloroethene (total)	0.3	NA	NA	--	--	--	--	--	--	--
Chloroform	0.3	NA	NA	--	--	--	--	--	--	--
1,2-Dichloroethane	0.2	NA	NA	--	--	--	--	--	--	--
2-Butanone	0.3	NA	NA	--	--	--	--	--	--	--
1,1,1-Trichloroethane	0.8	NA	NA	--	--	--	--	--	--	--
Carbon Tetrachloride	0.6	NA	NA	--	--	--	--	--	--	--
Bromodichloromethane	NA	NA	NA	--	--	--	--	--	--	--
1,2,-Dichloropropane	NA	NA	NA	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	NA	NA	NA	--	--	--	--	--	--	--
Trichloroethene	0.7	NA	NA	--	--	--	--	--	--	--
Dibromochloromethane	NA	NA	NA	--	--	--	--	--	--	--
1,1,2-Trichloroethane	NA	NA	NA	--	--	--	--	--	--	--
Benzene	0.06	NA	NA	--	--	--	ND(.006)	--	--	ND(.006)
trans-1,3-Dichloropropene	NA	NA	NA	--	--	--	--	--	--	--
Bromoform	NA	NA	NA	--	--	--	--	--	--	--
4-Methyl-2-Pentanone	1	NA	NA	--	--	--	--	--	--	--
2-Hexanone	NA	NA	NA	--	--	--	--	--	--	--
Tetrachloroethene	1.4	NA	NA	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	0.6	NA	NA	--	--	--	--	--	--	--
Toluene	1.5	NA	NA	--	--	--	ND(.006)	--	--	ND(.006)
Chlorobenzene	1.7	NA	NA	--	--	--	--	--	--	--
Ethylbenzene	5.5	NA	NA	--	--	--	--	--	--	--
Styrene	NA	NA	NA	--	--	--	--	--	--	--
Xylenes (total)	1.2	NA	NA	--	--	--	--	--	--	--
Total Confident Conc. VOAs	10	NA	NA							
Total Estimated Conc. VOA TICs										

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	BG-6A	BG-6B	BG-6C	BG-7	BG-7A	BG-7B	BG-8A
Sample Depth				1-3 ft. bg.	11-13 ft. bg.	11-13 ft. bg.	7-7.5 ft. bg.	1-3 ft. bg.	15-17 ft. bg.	6-6.6 ft. bg.
Sample Date				2/8/1995	2/8/1995	2/8/1995	2/1/1995	2/8/1995	2/8/1995	2/1/1995
Sample Area										
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Semi-Volatile Organic Compounds (mg/kg)										
Analytical Dilution							1			1
Phenol	0.03 or MDL	NA	NA	--	--	--		--	--	--
bis(2-Chloroethyl)ether	50	NA	NA	--	--	--		--	--	--
2-Chlorophenol	0.8	NA	NA	--	--	--		--	--	--
1,3-Dichlorobenzene	50	NA	NA	--	--	--		--	--	--
1,4-Dichlorobenzene	50	NA	NA	--	--	--		--	--	--
1,2-Dichlorobenzene	50	NA	NA	--	--	--		--	--	--
2-Methylphenol	0.1 or MDL	NA	NA	--	--	--		--	--	--
2,2'-oxybis(1-Chloropropane)	50	NA	NA	--	--	--		--	--	--
4-Methylphenol	0.9	NA	NA	--	--	--		--	--	--
N-Nitroso-di-n-propylamine	50	NA	NA	--	--	--		--	--	--
Hexachloroethane	50	NA	NA	--	--	--		--	--	--
Nitrobenzene	0.2 or MDL	NA	NA	--	--	--		--	--	--
Isophorone	4.4	NA	NA	--	--	--		--	--	--
2-Nitrophenol	0.33 or MDL	NA	NA	--	--	--		--	--	--
2,4-Dimethylphenol	50	NA	NA	--	--	--		--	--	--
bis(2-Chloroethoxy) Methane	50	NA	NA	--	--	--		--	--	--
2,4-Dichlorophenol	0.4	NA	NA	--	--	--		--	--	--
1,2,4-Trichlorobenzene	50	NA	NA	--	--	--		--	--	--
Napthalene	13	NA	ND-0.300 J	--	--	--		--	--	--
4-Chloroaniline	0.22 or MDL	NA	NA	--	--	--		--	--	--
Hexachlorobutadiene	50	NA	NA	--	--	--		--	--	--
4-Chloro-3-methylphenol	0.24 or MDL	NA	NA	--	--	--		--	--	--
2-Methylnapthalene	36.4	NA	NT	--	--	--		--	--	--
Hexachlorocyclopentadiene	50	NA	NA	--	--	--		--	--	--
2,4,6-Trichlorophenol	50	NA	NA	--	--	--		--	--	--
2,4,5-Trichlorophenol	0.1	NA	NA	--	--	--		--	--	--
2-Chloronaphthalene	50	NA	NA	--	--	--		--	--	--
2-Nitroaniline	0.43 or MDL	NA	NA	--	--	--		--	--	--
Dimethylphthalate	2	NA	NA	--	--	--		--	--	--
Acenaphthylene	41	NA	ND-0.190 J	--	--	--		--	--	--
2,6-Dinitrotoluene	1	NA	NA	--	--	--		--	--	--
3-Nitroaniline	0.5 or MDL	NA	NA	--	--	--		--	--	--
Acenaphthene	50	NA	ND-0.360 J	--	--	--		--	--	--
2,4-Dinitrophenol	0.2 or MDL	NA	NA	--	--	--		--	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	BG-6A	BG-6B	BG-6C	BG-7	BG-7A	BG-7B	BG-8A
Sample Depth				1-3 ft. bg.	11-13 ft. bg.	11-13 ft. bg.	7-7.5 ft. bg.	1-3 ft. bg.	15-17 ft. bg.	6-6.6 ft. bg.
Sample Date				2/8/1995	2/8/1995	2/8/1995	2/1/1995	2/8/1995	2/8/1995	2/1/1995
Sample Area										
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
4-Nitrophenol	0.1 or MDL	NA	NA	--	--	--		--	--	--
Dibenzofuran	6.2	NA	NT	--	--	--		--	--	--
2,4-Dinitrotoluene	50	NA	NA	--	--	--		--	--	--
Diethylphthalate	7.1	NA	NA	--	--	--		--	--	--
4-Chlorophenyl-phenylether	50	NA	NA	--	--	--		--	--	--
Fluorene	50	NA	ND-0.330 J	--	--	--		--	--	--
4-Nitroaniline	50	NA	NA	--	--	--		--	--	--
4,6-Dinitro-2-methylphenol	50	NA	NA	--	--	--		--	--	--
N-Nitrosodiphenylamine (1)	50	NA	NA	--	--	--		--	--	--
4-Bromophenyl-phenylether	50	NA	NA	--	--	--		--	--	--
Hexachlorobenzene	0.41	NA	NA	--	--	--		--	--	--
Pentachlorophenol	1 or MDL	NA	NA	--	--	--		--	--	--
Phenanthrene	50	NA	0.030 J-2.700	--	--	--	ND(.430)	--	--	ND(.400)
Anthracene	50	NA	ND-0.740	--	--	--	ND(.430)	--	--	ND(.400)
Carbazole	50	NA	NT	--	--	--	ND(.430)	--	--	ND(.400)
Di-n-butylphthalate	8.1	NA	NA	--	--	--	0.072 JB	--	--	0.058 JB
Fluoranthene	50	NA	0.068 J-3.600	--	--	--	ND(.430)	--	--	ND(.400)
Pyrene	50	NA	0.057 J-3.500	--	--	--	ND(.430)	--	--	ND(.400)
Butylbenzylphthalate	50	NA	NA	--	--	--		--	--	--
3-3'-Dichlorobenzidine	50	NA	NA	--	--	--		--	--	--
Benzo(a)anthracene	0.224 or MDL	NA	0.032 J-1.700	--	--	--	ND(.430)	--	--	ND(.400)
Chrysene	0.4	NA	0.055 J-2.000	--	--	--	ND(.430)	--	--	ND(.400)
bis(2-Ethylhexyl)phthalate	50	NA	NT	--	--	--	ND(.430)	--	--	0.059 J
Di-n-octylphthalate	50	NA	NA	--	--	--		--	--	--
Benzo(b)fluoranthene	1.1	NA	0.060-2.200	--	--	--	ND(.430)	--	--	ND(.400)
Benzo(k)fluoranthene	1.1	NA	0.020 J-0.820	--	--	--	ND(.430)	--	--	ND(.400)
Benzo(a)pyrene	0.061 or MDL	NA	0.30 J-1.600	--	--	--	ND(.430)	--	--	ND(.400)
Indeno(1,2,3-cd)pyrene	3.2	NA	0.013 J-0.660	--	--	--	ND(.430)	--	--	ND(.400)
Dibenz(a,h)anthracene	0.014 or MDL	NA	0.015 J-0.190	--	--	--	ND(.430)	--	--	ND(.400)
Benzo(g,h,i)Perylene	50	NA	0.013 J-0.600	--	--	--	ND(.430)	--	--	ND(.400)
Benzoic Acid	2.7	NA	NA	--	--	--	--	--	--	--
Total Confident Conc. SVOCs	500	NA	NA							
Total Estimated Conc. SVOCs TICs			NT							
Metals (mg/kg)										
Aluminum	SB	33000	NA	3790	8790	10200	14600	7450	4560	11900
Antimony	SB	NA	NA	ND(5.90)	ND(6.40)	ND(6.40)	10.9	12.1	16.1	ND(6.3)

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	BG-6A	BG-6B	BG-6C	BG-7	BG-7A	BG-7B	BG-8A
Sample Depth				1-3 ft. bg.	11-13 ft. bg.	11-13 ft. bg.	7-7.5 ft. bg.	1-3 ft. bg.	15-17 ft. bg.	6-6.6 ft. bg.
Sample Date				2/8/1995	2/8/1995	2/8/1995	2/1/1995	2/8/1995	2/8/1995	2/1/1995
Sample Area										
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Arsenic	7.5 or SB	3 - 12	3-12	6.8	0.6	0.87	1.7	5.1	3.2	7.7
Barium	300 or SB	15 - 600	NA	106	43.7	60.5	101	66.3	20.2	63.6
Beryllium	0.16 (HEAST) or SB	0 - 1.75	ND-1.75	0.38	0.37	0.42	0.54	0.39	0.21	0.54
Cadmium	1 or SB	0.1 - 1	0.1-1	0.39	0.48	ND(.40)	ND(.42)	0.5	ND(.35)	ND(.39)
Calcium	SB	130 - 35000	NA	16200	1110	1530	2570	27400	58600	1840
Chromium	10 or SB	1.5 - 40	1.5-40	57.4	13.1	14.4	15.8	14.5	6.5	15.8
Cobalt	30 or SB	2.5 - 60	NA	4.6	8.5	8.2	6.9	5.6	2.9	10.6
Copper	25 or SB	1 - 50	1-50	33.6	12.6	14.8	10.3	46.1	16	23.6
Iron	2000 or SB	2000 - 550000	NA	9690	16300	19200	22500	17400	9540	26200
Lead	SB	SB	200-500	12.5	ND(6.50)	ND(6.50)	ND(6.90)	40.9	ND(5.70)	8.5
Magnesium	SB	100 - 5000	NA	3150	3030	3380	3000	4880	9650	3710
Manganese	SB	50 -5000	NA	282	133	179	356	593	238	447
Mercury	0.1	0.001 - 0.2	0.001-0.2	0.14	ND(.12)	ND(.12)	ND(.13)	ND(.12)	ND(.10)	ND(.12)
Nickel	13 or SB	0.5 - 25	0.5-25	12.4	20.4	21.3	17.1	15.1	10.5	24.2
Potassium	SB	8500 - 43000	NA	572	814	928	875	759	595	710
Selenium	2 or SB	0.1 - 3.9	0.1-3.9	0.9	ND(.12)	0.19	0.24	ND(.12)	ND(.54)	ND(.12)
Silver	SB	NA	NA	0.94	ND(.84)	ND(.84)	ND(.89)	ND(.85)	0.92	ND(.82)
Sodium	SB	6000 - 8000	NA	254	133	184	93.3	249	82.1	ND(.14)
Thallium	SB	NA	NA	ND(.11)	ND(.12)	ND(.12)	ND(.16)	ND(.12)	ND(.10)	ND(.14)
Vanadium	150 or SB	1 - 300	NA	12.2	13.6	15.9	19	15.9	7.8	19.7
Zinc	20 or SB	9 - 50	9-50	41.7	54	58.1	67.6	122	33.2	68
Cyanide	NA	NA	NA	--	--	--	ND(.60)	--	--	ND(.56)
Hexavalent Chromium	NA	NA	NA	1.2	ND(.49)	ND(.49)	ND(.51)	ND(.49)	ND(.42)	ND(.47)
pH (Standard Units)				--	--	--	--	--	--	--
Pesticides (mg/kg)										
Analytical Dilution							1			2
alpha BHC	0.11	NA	NA	--	--	--	--	--	--	--
beta BHC	0.2	NA	NA	--	--	--	--	--	--	--
delta BHC	0.3	NA	NA	--	--	--	--	--	--	--
gamma BHC	0.06	NA	NA	--	--	--	--	--	--	--
Heptachlor	0.1	NA	NA	--	--	--	--	--	--	--
Aldrin	0.041	NA	NA	--	--	--	--	--	--	--
Heptachlor epoxide	0.02	NA	NA	--	--	--	--	--	--	--
Endosulfan I	0.9	NA	NA	--	--	--	--	--	--	--
Dieldrin	0.044	NA	NA	--	--	--	--	--	--	--
4,4'-DDE	2.1	NA	NA	--	--	--	--	--	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	BG-6A	BG-6B	BG-6C	BG-7	BG-7A	BG-7B	BG-8A
Sample Depth				1-3 ft. bg.	11-13 ft. bg.	11-13 ft. bg.	7-7.5 ft. bg.	1-3 ft. bg.	15-17 ft. bg.	6-6.6 ft. bg.
Sample Date				2/8/1995	2/8/1995	2/8/1995	2/1/1995	2/8/1995	2/8/1995	2/1/1995
Sample Area										
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Endrin	0.1	NA	NA	--	--	--	--	--	--	--
Endosulfan II	0.9	NA	NA	--	--	--	--	--	--	--
4,4'-DDD	2.9	NA	NA	--	--	--	--	--	--	--
Endosulfan sulfate	1	NA	NA	--	--	--	--	--	--	--
4,4'-DDT	2.1	NA	NA	--	--	--	--	--	--	--
Methoxychlor	10	NA	NA	--	--	--	?	--	--	?
Endrin ketone	NA	NA	NA	--	--	--	--	--	--	--
Endrin Aldehyde	NA	NA	NA	--	--	--	--	--	--	--
alpha-Chlordane	0.54	NA	NA	--	--	--	--	--	--	--
gamma-Chlordane	0.54	NA	NA	--	--	--	?	--	--	?
Toxaphene	NA	NA	NA	--	--	--	--	--	--	--
PCBs (mg/kg)										
Analytical Dilution										
Aroclor-1016	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1221	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1232	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1242	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1248	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1254	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1260	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Total PCBs										

Refer to Table IV for Notes

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	BG-8B	ZBDW-1	ZBDW-2	ZDW-A1	ZDW-A2	ZDW-B1	ZDW-B2
Sample Depth				6-6.6 ft. bg.	5-7 ft. bg.	5-7 ft. bg.	9-11 ft. bg.	19-21 ft. bg.	1.5-3 ft. bg.	7-9 ft. bg.
Sample Date				2/1/1995	8/12/1993	8/12/1993	1/30/1995	1/30/1995	1/30/1995	1/30/1995
Sample Area										
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Volatile Organic Compounds (mg/kg)										
Analytical Dilution				1	9500	1.2	1	1	1	1
Chloromethane	NA	NA	NA	--	ND(95)*	ND(.012)	--	--	--	--
Bromomethane	NA	NA	NA	--	ND(95)*	?	--	--	--	--
Vinyl Chloride	0.2	NA	NA	--	ND(95)*	ND(.012)	--	--	--	--
Chloroethane	1.9	NA	NA	--	ND(95)*	ND(.012)	--	--	--	--
Methylene Chloride	0.1	NA	NA	ND(.006)	ND(95)*	ND(.012)	ND(.670)*	0.004 J	0.005 J	ND(.760)*
Acetone	0.2	NA	NA	0.028 B	ND(95)*	ND(.012)	ND(1.300)*	0.031 B	0.027 B	ND(1.500)*
Carbon Disulfide	2.7	NA	NA	0.008	ND(95)*	ND(.012)	--	--	--	--
1,1-Dichloroethene	0.4	NA	NA	--	ND(95)*	ND(.012)	--	--	--	--
1,1-Dichloroethane	0.2	NA	NA	--	ND(95)*	ND(.012)	--	--	--	--
1,2-Dichloroethene (total)	0.3	NA	NA	--	ND(95)*	ND(.012)	--	--	--	--
Chloroform	0.3	NA	NA	--	ND(95)*	ND(.012)	--	--	--	--
1,2-Dichloroethane	0.2	NA	NA	--	ND(95)*	ND(.012)	--	--	--	--
2-Butanone	0.3	NA	NA	--	R	ND(.012)	--	--	--	--
1,1,1-Trichloroethane	0.8	NA	NA	--	ND(95)*	ND(.012)	--	--	--	--
Carbon Tetrachloride	0.6	NA	NA	--	ND(95)*	ND(.012)	--	--	--	--
Bromodichloromethane	NA	NA	NA	--	ND(95)*	ND(.012)	--	--	--	--
1,2,-Dichloropropane	NA	NA	NA	--	ND(95)*	ND(.012)	--	--	--	--
cis-1,3-Dichloropropene	NA	NA	NA	--	ND(95)*	ND(.012)	--	--	--	--
Trichloroethene	0.7	NA	NA	--	ND(95)*	ND(.012)	--	--	--	--
Dibromochloromethane	NA	NA	NA	--	ND(95)*	ND(.012)	--	--	--	--
1,1,2-Trichloroethane	NA	NA	NA	--	ND(95)*	ND(.012)	--	--	--	--
Benzene	0.06	NA	NA	ND(.006)	ND(95)*	ND(.012)	--	--	--	--
trans-1,3-Dichloropropene	NA	NA	NA	--	ND(95)*	ND(.012)	--	--	--	--
Bromoform	NA	NA	NA	--	ND(95)*	ND(.012)	--	--	--	--
4-Methyl-2-Pentanone	1	NA	NA	--	ND(95)*	ND(.012)	--	--	--	--
2-Hexanone	NA	NA	NA	--	ND(95)*	ND(.012)	--	--	--	--
Tetrachloroethene	1.4	NA	NA	--	ND(95)*	ND(.012)	--	--	--	--
1,1,2,2-Tetrachloroethane	0.6	NA	NA	--	ND(95)*	ND(.012)	--	--	--	--
Toluene	1.5	NA	NA	ND(.006)	2400	ND(.012)	48	0.2	0.041	190
Chlorobenzene	1.7	NA	NA	--	ND(95)*	ND(.012)	--	--	--	--
Ethylbenzene	5.5	NA	NA	--	ND(95)*	ND(.012)	1.6	ND(.006)	ND(.006)	0.720 J
Styrene	NA	NA	NA	--	ND(95)*	ND(.012)	--	--	--	--
Xylenes (total)	1.2	NA	NA	--	41	ND(.012)	8.2	0.046	0.004 J	4.5
Total Confident Conc. VOAs	10	NA	NA	0.008	2441		57.8 J	0.256 J	0.041 J	194.5
Total Estimated Conc. VOA TICs							53 J	0.097 J		1.10 J

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	BG-8B	ZBDW-1	ZBDW-2	ZDW-A1	ZDW-A2	ZDW-B1	ZDW-B2
Sample Depth				6-6.6 ft. bg.	5-7 ft. bg.	5-7 ft. bg.	9-11 ft. bg.	19-21 ft. bg.	1.5-3 ft. bg.	7-9 ft. bg.
Sample Date				2/1/1995	8/12/1993	8/12/1993	1/30/1995	1/30/1995	1/30/1995	1/30/1995
Sample Area										
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Semi-Volatile Organic Compounds (mg/kg)					0					
Analytical Dilution				1	1.7	1.2	1	1	1	1
Phenol	0.03 or MDL	NA	NA	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	50	NA	NA	--	ND(.500)	ND(.390)	--	--	--	--
2-Chlorophenol	0.8	NA	NA	--	--	--	--	--	--	--
1,3-Dichlorobenzene	50	NA	NA	--	ND(.500)	ND(.390)	--	--	--	--
1,4-Dichlorobenzene	50	NA	NA	--	ND(.500)	ND(.390)	--	--	--	--
1,2-Dichlorobenzene	50	NA	NA	--	ND(.500)	ND(.390)	--	--	--	--
2-Methylphenol	0.1 or MDL	NA	NA	--	--	--	0.180 J	0.071 J	ND(.410)	0.200 J
2,2'-oxybis(1-Chloropropane)	50	NA	NA	--	ND(.500)	ND(.390)	--	--	--	--
4-Methylphenol	0.9	NA	NA	--	--	--	0.160 J	ND(.400)	ND(.410)	0.210 J
N-Nitroso-di-n-propylamine	50	NA	NA	--	ND(.500)	ND(.390)	--	--	--	--
Hexachloroethane	50	NA	NA	--	ND(.500)	ND(.390)	--	--	--	--
Nitrobenzene	0.2 or MDL	NA	NA	--	ND(.500)	ND(.390)	--	--	--	--
Isophorone	4.4	NA	NA	--	ND(.500)	ND(.390)	ND(.360)	ND(.400)	0.042 J	ND(.410)
2-Nitrophenol	0.33 or MDL	NA	NA	--	--	--	--	--	--	--
2,4-Dimethylphenol	50	NA	NA	--	--	--	--	--	--	--
bis(2-Chloroethoxy) Methane	50	NA	NA	--	ND(.500)	ND(.390)	--	--	--	--
2,4-Dichlorophenol	0.4	NA	NA	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	50	NA	NA	--	ND(.500)*	ND(.390)	--	--	--	--
Napthalene	13	NA	ND-0.300 J	--	ND(.500)	ND(.390)	ND(.360)	ND(.400)	0.042 J	ND(.410)
4-Chloroaniline	0.22 or MDL	NA	NA	--	ND(.500)	ND(.390)	--	--	--	--
Hexachlorobutadiene	50	NA	NA	--	ND(.500)	ND(.390)	--	--	--	--
4-Chloro-3-methylphenol	0.24 or MDL	NA	NA	--	--	--	--	--	--	--
2-Methylnapthalene	36.4	NA	NT	--	ND(.500)	ND(.390)	ND(.360)	ND(.400)	ND(.410)	ND(.410)
Hexachlorocyclopentadiene	50	NA	NA	--	ND(.500)	ND(.390)	--	--	--	--
2,4,6-Trichlorophenol	50	NA	NA	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	0.1	NA	NA	--	--	--	--	--	--	--
2-Chloronaphthalene	50	NA	NA	--	ND(.500)	ND(.390)	--	--	--	--
2-Nitroaniline	0.43 or MDL	NA	NA	--	ND(2.5)	ND(.980)	--	--	--	--
Dimethylphthalate	2	NA	NA	--	ND(.500)	ND(.390)	--	--	--	--
Acenaphthylene	41	NA	ND-0.190 J	--	ND(.500)	ND(.390)	ND(.360)	ND(.400)	0.100 J	ND(.410)
2,6-Dinitrotoluene	1	NA	NA	--	ND(.500)	ND(.390)	--	--	--	--
3-Nitroaniline	0.5 or MDL	NA	NA	--	ND(2.5)	ND(2.0)	--	--	--	--
Acenaphthene	50	NA	ND-0.360 J	--	0.070 J	ND(.390)	--	--	--	--
2,4-Dinitrophenol	0.2 or MDL	NA	NA	--	--	--	--	--	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	BG-8B	ZBDW-1	ZBDW-2	ZDW-A1	ZDW-A2	ZDW-B1	ZDW-B2
Sample Depth				6-6.6 ft. bg.	5-7 ft. bg.	5-7 ft. bg.	9-11 ft. bg.	19-21 ft. bg.	1.5-3 ft. bg.	7-9 ft. bg.
Sample Date				2/1/1995	8/12/1993	8/12/1993	1/30/1995	1/30/1995	1/30/1995	1/30/1995
Sample Area										
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
4-Nitrophenol	0.1 or MDL	NA	NA	--	--	--	--	--	--	--
Dibenzofuran	6.2	NA	NT	--	ND(.500)	ND(.390)	--	--	--	--
2,4-Dinitrotoluene	50	NA	NA	--	ND(.500)	ND(.390)	--	--	--	--
Diethylphthalate	7.1	NA	NA	--	ND(.500)	ND(.390)	--	--	--	--
4-Chlorophenyl-phenylether	50	NA	NA	--	ND(.500)	ND(.390)	--	--	--	--
Fluorene	50	NA	ND-0.330 J	--	0.082 J	ND(.390)	--	--	--	--
4-Nitroaniline	50	NA	NA	--	ND(2.5)	ND(2.0)	--	--	--	--
4,6-Dinitro-2-methylphenol	50	NA	NA	--	--	--	--	--	--	--
N-Nitrosodiphenylamine (1)	50	NA	NA	--	ND(.500)	ND(.390)	--	--	--	--
4-Bromophenyl-phenylether	50	NA	NA	--	ND(.500)	ND(.390)	--	--	--	--
Hexachlorobenzene	0.41	NA	NA	--	ND(.500)	ND(.390)	--	--	--	--
Pentachlorophenol	1 or MDL	NA	NA	--	--	--	--	--	--	--
Phenanthrene	50	NA	0.030 J-2.700	ND(.390)	0.51	ND(.390)	ND(.360)	ND(.400)	0.150 J	ND(.410)
Anthracene	50	NA	ND-0.740	ND(.390)	0.11 J	ND(.390)	ND(.360)	ND(.400)	0.074 J	ND(.410)
Carbazole	50	NA	NT	ND(.390)	ND(.500)	ND(.390)	ND(.360)	ND(.400)	ND(.410)	ND(.410)
Di-n-butylphthalate	8.1	NA	NA	0.16 JB	0.057 J	ND(.390)	0.120 J	0.066	ND(.410)	0.055 J
Fluoranthene	50	NA	0.068 J-3.600	ND(.390)	0.68	ND(.390)	ND(.360)	ND(.400)	0.400 J	ND(.410)
Pyrene	50	NA	0.057 J-3.500	ND(.390)	0.56	ND(.390)	ND(.360)	ND(.400)	0.370 J	ND(.410)
Butylbenzylphthalate	50	NA	NA	--	ND(.500)	ND(.390)	--	--	--	--
3-3'-Dichlorobenzidine	50	NA	NA	--	ND(.500)	ND(.390)	--	--	--	--
Benzo(a)anthracene	0.224 or MDL	NA	0.032 J-1.700	ND(.390)	0.28 J	ND(.390)	ND(.360)	ND(.400)	0.260 J	ND(.410)
Chrysene	0.4	NA	0.055 J-2.000	ND(.390)	0.31 J	ND(.390)	ND(.360)	ND(.400)	0.320 J	0.320 J
bis(2-Ethylhexyl)phthalate	50	NA	NT	0.064 J	0.28 JB	0.055 JB	0.58	0.54	0.210 J	0.310 J
Di-n-octylphthalate	50	NA	NA	--	ND(.500)	ND(.390)	--	--	--	--
Benzo(b)fluoranthene	1.1	NA	0.060-2.200	ND(.390)	0.22 J	ND(.390)	ND(.360)	ND(.400)	0.250 J	ND(.410)
Benzo(k)fluoranthene	1.1	NA	0.020 J-0.820	ND(.390)	0.21 J	ND(.390)	ND(.360)	ND(.400)	0.320 J	ND(.410)
Benzo(a)pyrene	0.061 or MDL	NA	0.30 J-1.600	ND(.390)	0.2 J	ND(.390)	ND(.360)	ND(.400)	0.230 J	ND(.410)
Indeno(1,2,3-cd)pyrene	3.2	NA	0.013 J-0.660	ND(.390)	ND(.500)	ND(.390)	ND(.360)	ND(.400)	0.130 J	ND(.410)
Dibenz(a,h)anthracene	0.014 or MDL	NA	0.015 J-0.190	ND(.390)	ND(.500)	ND(.390)	ND(.360)	ND(.400)	ND(.410)	ND(.410)
Benzo(g,h,i)Perylene	50	NA	0.013 J-0.600	ND(.390)	ND(.500)	ND(.390)	ND(.360)	ND(.400)	0.120 J	ND(.410)
Benzoic Acid	2.7	NA	NA	--	--	--	--	--	--	--
Total Confident Conc. SVOCs	500	NA	NA				0.58	0.606		
Total Estimated Conc. SVOCs TICs			NT							
Metals (mg/kg)										
Aluminum	SB	33000	NA	12200	13500	13600	10600	4590	5440	10200
Antimony	SB	NA	NA	ND(6.2)	ND(16.600)	ND(12.900)	ND(5.7)	21.7	13.8	ND(6.4)

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	BG-8B	ZBDW-1	ZBDW-2	ZDW-A1	ZDW-A2	ZDW-B1	ZDW-B2
Sample Depth				6-6.6 ft. bg.	5-7 ft. bg.	5-7 ft. bg.	9-11 ft. bg.	19-21 ft. bg.	1.5-3 ft. bg.	7-9 ft. bg.
Sample Date				2/1/1995	8/12/1993	8/12/1993	1/30/1995	1/30/1995	1/30/1995	1/30/1995
Sample Area										
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Arsenic	7.5 or SB	3 - 12	3-12	5	14.2	7.1	4.2	0.8	7.5	4
Barium	300 or SB	15 - 600	NA	65.2	115	61.3	57.4	15	71	48
Beryllium	0.16 (HEAST) or SB	0 - 1.75	ND-1.75	0.57	0.5	0.52	0.48	0.18	0.32	0.4
Cadmium	1 or SB	0.1 - 1	0.1-1	ND(.38)	ND(.880)	ND(.680)	ND(.350)	ND(.390)	ND(.400)	ND(.400)
Calcium	SB	130 - 35000	NA	4740	2490	5500	1330	48000	18200	1320
Chromium	10 or SB	1.5 - 40	1.5-40	16.8	23.6	15.4	14.3	5.6	10.2	12.4
Cobalt	30 or SB	2.5 - 60	NA	11.6	8.5	10.2	8.7	3.8	4.1	7.4
Copper	25 or SB	1 - 50	1-50	22.6	24.5	26.8	15.8	13.4	42	64.1
Iron	2000 or SB	2000 - 550000	NA	29200	25400	26000	24700	9870	10800	20800
Lead	SB	SB	200-500	12.1	32.5	18.3	8	ND(6.5)	108	6.6
Magnesium	SB	100 - 5000	NA	3970	3460	3730	3100	4600	2150	2670
Manganese	SB	50 -5000	NA	454	540	1300	471	268	222	403
Mercury	0.1	0.001 - 0.2	0.001-0.2	ND(.12)	0.67	ND(.120)	ND(.110)	ND(.120)	ND(.120)	ND(.120)
Nickel	13 or SB	0.5 - 25	0.5-25	27.1	22	22	9.3	13	17.2	
Potassium	SB	8500 - 43000	NA	676	1170	1200	541	346	486	584
Selenium	2 or SB	0.1 - 3.9	0.1-3.9	ND(.12)	ND(.250)	0.21 JB	ND(.081)	ND(.090)	0.35	ND(.091)
Silver	SB	NA	NA	ND(.81)	ND(1.200)	ND(.970)	ND(.750)	ND(.830)	ND(.850)	ND(.840)
Sodium	SB	6000 - 8000	NA	64.1	258 B	330 B	332	118	85.9	180
Thallium	SB	NA	NA	ND(.14)	ND(.350)	ND(.270)	ND(.130)	ND(.150)	0.27	0.17
Vanadium	150 or SB	1 - 300	NA	19.3	18.1	19.6	17.3	7.5	10.5	16.5
Zinc	20 or SB	9 - 50	9-50	68.8	533	69.8	61	39.5	95.8	57.2
Cyanide	NA	NA	NA	ND(.56)	ND(.580)	ND(.490)	ND(.600)	ND(.590)	ND(.570)	ND(.590)
Hexavalent Chromium	NA	NA	NA	ND(.47)	--	--	ND(.430)	ND(.480)	0.89	0.49
pH (Standard Units)				--	--	--	--	--	--	--
Pesticides (mg/kg)										
Analytical Dilution				1			25	2	25	25
alpha BHC	0.11	NA	NA	--	--	--	--	--	--	--
beta BHC	0.2	NA	NA	--	--	--	--	--	--	--
delta BHC	0.3	NA	NA	--	--	--	--	--	--	--
gamma BHC	0.06	NA	NA	--	--	--	--	--	--	--
Heptachlor	0.1	NA	NA	--	--	--	--	--	--	--
Aldrin	0.041	NA	NA	--	--	--	--	--	--	--
Heptachlor epoxide	0.02	NA	NA	--	--	--	--	--	--	--
Endosulfan I	0.9	NA	NA	--	--	--	--	--	--	--
Dieldrin	0.044	NA	NA	--	--	--	--	--	--	--
4,4'-DDE	2.1	NA	NA	--	--	--	--	--	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	BG-8B	ZBDW-1	ZBDW-2	ZDW-A1	ZDW-A2	ZDW-B1	ZDW-B2
Sample Depth				6-6.6 ft. bg.	5-7 ft. bg.	5-7 ft. bg.	9-11 ft. bg.	19-21 ft. bg.	1.5-3 ft. bg.	7-9 ft. bg.
Sample Date				2/1/1995	8/12/1993	8/12/1993	1/30/1995	1/30/1995	1/30/1995	1/30/1995
Sample Area										
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Endrin	0.1	NA	NA	--	--	--	--	--	--	--
Endosulfan II	0.9	NA	NA	--	--	--	--	--	--	--
4,4'-DDD	2.9	NA	NA	--	--	--	--	--	--	--
Endosulfan sulfate	1	NA	NA	--	--	--	--	--	--	--
4,4'-DDT	2.1	NA	NA	--	--	--	--	--	--	--
Methoxychlor	10	NA	NA	?	--	--	--	--	--	--
Endrin ketone	NA	NA	NA	--	--	--	--	--	--	--
Endrin Aldehyde	NA	NA	NA	--	--	--	--	--	--	--
alpha-Chlordane	0.54	NA	NA	--	--	--	--	--	--	--
gamma-Chlordane	0.54	NA	NA	?	--	--	--	--	--	--
Toxaphene	NA	NA	NA	--	--	--	--	--	--	--
PCBs (mg/kg)										
Analytical Dilution							25	2	25	25
Aroclor-1016	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1221	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1232	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1242	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1248	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1254	1 (surface)	NA	NA	--	--	--	--	--	34	?
	10 (subsurface)	NA	NA	--	--	--	?	?	--	--
Aroclor-1260	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Total PCBs										

Refer to Table IV for Notes

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	ZDW-B3	ZDW-C1	ZDW-C2	ZDW-D1	ZDW-E1	ZDW-F1	ZDW-F2
Sample Depth				9-11 ft. bg.	7-9 ft. bg.	15-17 ft. bg.	3-5 ft. bg.	3-5 ft. bg.	1-3 ft. bg.	3-5 ft. bg.
Sample Date				1/30/1995	1/31/1995	1/31/1995	1/31/1995	1/31/1995	1/31/1995	1/31/1995
Sample Area										
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Volatile Organic Compounds (mg/kg)										
Analytical Dilution				1	1	1	1	1	1	1
Chloromethane	NA	NA	NA	--	--	--	--	--	--	--
Bromomethane	NA	NA	NA	--	--	--	--	--	--	--
Vinyl Chloride	0.2	NA	NA	--	--	--	--	--	--	--
Chloroethane	1.9	NA	NA	--	--	--	--	--	--	--
Methylene Chloride	0.1	NA	NA	ND(.730)*	ND(.700)*	ND(.005)	0.004 J	0.004 J	ND(.006)	ND(.006)
Acetone	0.2	NA	NA	ND(1.400)*	ND(1.400)*	0.026 B	0.031 B	ND(.011)	0.031 B	0.037 B
Carbon Disulfide	2.7	NA	NA	--	--	--	--	--	--	--
1,1-Dichloroethene	0.4	NA	NA	--	--	--	--	--	--	--
1,1-Dichloroethane	0.2	NA	NA	--	--	--	--	--	--	--
1,2-Dichloroethene (total)	0.3	NA	NA	--	--	--	--	--	--	--
Chloroform	0.3	NA	NA	--	--	--	--	--	--	--
1,2-Dichloroethane	0.2	NA	NA	--	--	--	--	--	--	--
2-Butanone	0.3	NA	NA	--	--	--	--	--	--	--
1,1,1-Trichloroethane	0.8	NA	NA	--	--	--	--	--	--	--
Carbon Tetrachloride	0.6	NA	NA	--	--	--	--	--	--	--
Bromodichloromethane	NA	NA	NA	--	--	--	--	--	--	--
1,2,-Dichloropropane	NA	NA	NA	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	NA	NA	NA	--	--	--	--	--	--	--
Trichloroethene	0.7	NA	NA	--	--	--	--	--	--	--
Dibromochloromethane	NA	NA	NA	--	--	--	--	--	--	--
1,1,2-Trichloroethane	NA	NA	NA	--	--	--	--	--	--	--
Benzene	0.06	NA	NA	--	--	--	--	--	--	--
trans-1,3-Dichloropropene	NA	NA	NA	--	--	--	--	--	--	--
Bromoform	NA	NA	NA	--	--	--	--	--	--	--
4-Methyl-2-Pentanone	1	NA	NA	--	--	--	--	--	--	--
2-Hexanone	NA	NA	NA	--	--	--	--	--	--	--
Tetrachloroethene	1.4	NA	NA	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	0.6	NA	NA	--	--	--	--	--	--	--
Toluene	1.5	NA	NA	140	1600	0.021	ND(.006)	ND(.006)	0.006 J	ND(.006)
Chlorobenzene	1.7	NA	NA	--	--	--	--	--	--	--
Ethylbenzene	5.5	NA	NA	0.97	10	ND(0.005)	ND(0.006)	ND(0.006)	ND(0.006)	--
Styrene	NA	NA	NA	--	--	--	--	--	--	--
Xylenes (total)	1.2	NA	NA	4.4	43	ND(0.005)	0.008	ND(0.006)	ND(0.006)	--
Total Confident Conc. VOAs	10	NA	NA	145.37	1653	0.021	0.008			
Total Estimated Conc. VOA TICs				1.20 J	52.1 J		0.015 J			

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	ZDW-B3	ZDW-C1	ZDW-C2	ZDW-D1	ZDW-E1	ZDW-F1	ZDW-F2
Sample Depth				9-11 ft. bg.	7-9 ft. bg.	15-17 ft. bg.	3-5 ft. bg.	3-5 ft. bg.	1-3 ft. bg.	3-5 ft. bg.
Sample Date				1/30/1995	1/31/1995	1/31/1995	1/31/1995	1/31/1995	1/31/1995	1/31/1995
Sample Area										
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Semi-Volatile Organic Compounds (mg/kg)										
Analytical Dilution				1	1	1	1	1	1	1
Phenol	0.03 or MDL	NA	NA	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	50	NA	NA	--	--	--	--	--	--	--
2-Chlorophenol	0.8	NA	NA	--	--	--	--	--	--	--
1,3-Dichlorobenzene	50	NA	NA	--	--	--	--	--	--	--
1,4-Dichlorobenzene	50	NA	NA	--	--	--	--	--	--	--
1,2-Dichlorobenzene	50	NA	NA	--	--	--	--	--	--	--
2-Methylphenol	0.1 or MDL	NA	NA	0.230 J	0.100 J	ND(.370)	ND(.390)	ND(.370)	ND(.430)	--
2,2'-oxybis(1-Chloropropane)	50	NA	NA	--	--	--	--	--	--	--
4-Methylphenol	0.9	NA	NA	0.200 J	0.099 J	ND(.370)	ND(.390)	ND(.370)	ND(.430)	--
N-Nitroso-di-n-propylamine	50	NA	NA	--	--	--	--	--	--	--
Hexachloroethane	50	NA	NA	--	--	--	--	--	--	--
Nitrobenzene	0.2 or MDL	NA	NA	--	--	--	--	--	--	--
Isophorone	4.4	NA	NA	ND(.390)	ND(.380)	ND(.370)	ND(.390)	ND(.370)	0.380 J	--
2-Nitrophenol	0.33 or MDL	NA	NA	--	--	--	--	--	--	--
2,4-Dimethylphenol	50	NA	NA	--	--	--	--	--	--	--
bis(2-Chloroethoxy) Methane	50	NA	NA	--	--	--	--	--	--	--
2,4-Dichlorophenol	0.4	NA	NA	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	50	NA	NA	--	--	--	--	--	--	--
Napthalene	13	NA	ND-0.300 J	ND(.390)	ND(.380)	ND(.370)	ND(.390)	ND(.370)	0.091 J	ND(.380)
4-Chloroaniline	0.22 or MDL	NA	NA	--	--	--	--	--	--	--
Hexachlorobutadiene	50	NA	NA	--	--	--	--	--	--	--
4-Chloro-3-methylphenol	0.24 or MDL	NA	NA	--	--	--	--	--	--	--
2-Methylnapthalene	36.4	NA	NT	ND(.390)	ND(.380)	ND(.370)	ND(.390)	ND(.370)	.047 J	ND(.380)
Hexachlorocyclopentadiene	50	NA	NA	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	50	NA	NA	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	0.1	NA	NA	--	--	--	--	--	--	--
2-Chloronaphthalene	50	NA	NA	--	--	--	--	--	--	--
2-Nitroaniline	0.43 or MDL	NA	NA	--	--	--	--	--	--	--
Dimethylphthalate	2	NA	NA	--	--	--	--	--	--	--
Acenaphthylene	41	NA	ND-0.190 J	ND(.390)	ND(.380)	ND(.370)	ND(.390)	ND(.370)	0.350 J	0.061 J
2,6-Dinitrotoluene	1	NA	NA	--	--	--	--	--	--	--
3-Nitroaniline	0.5 or MDL	NA	NA	--	--	--	--	--	--	--
Acenaphthene	50	NA	ND-0.360 J	--	--	--	--	--	--	--
2,4-Dinitrophenol	0.2 or MDL	NA	NA	--	--	--	--	--	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	ZDW-B3	ZDW-C1	ZDW-C2	ZDW-D1	ZDW-E1	ZDW-F1	ZDW-F2
Sample Depth				9-11 ft. bg.	7-9 ft. bg.	15-17 ft. bg.	3-5 ft. bg.	3-5 ft. bg.	1-3 ft. bg.	3-5 ft. bg.
Sample Date				1/30/1995	1/31/1995	1/31/1995	1/31/1995	1/31/1995	1/31/1995	1/31/1995
Sample Area										
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
4-Nitrophenol	0.1 or MDL	NA	NA	--	--	--	--	--	--	--
Dibenzofuran	6.2	NA	NT	--	--	--	--	--	--	--
2,4-Dinitrotoluene	50	NA	NA	--	--	--	--	--	--	--
Diethylphthalate	7.1	NA	NA	--	--	--	--	--	--	--
4-Chlorophenyl-phenylether	50	NA	NA	--	--	--	--	--	--	--
Fluorene	50	NA	ND-0.330 J	--	--	--	--	--	--	--
4-Nitroaniline	50	NA	NA	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	50	NA	NA	--	--	--	--	--	--	--
N-Nitrosodiphenylamine (1)	50	NA	NA	--	--	--	--	--	--	--
4-Bromophenyl-phenylether	50	NA	NA	--	--	--	--	--	--	--
Hexachlorobenzene	0.41	NA	NA	--	--	--	--	--	--	--
Pentachlorophenol	1 or MDL	NA	NA	--	--	--	--	--	--	--
Phenanthrene	50	NA	0.030 J-2.700	0.047 J	ND(.380)	ND(.370)	ND(.390)	ND(.370)	0.45	0.330 J
Anthracene	50	NA	ND-0.740	ND(.390)	ND(.380)	ND(.370)	ND(.390)	ND(.370)	0.200 J	0.140 J
Carbazole	50	NA	NT	ND(.390)	ND(.380)	ND(.370)	ND(.390)	ND(.370)	0.059 J	ND(.380)
Di-n-butylphthalate	8.1	NA	NA	ND(.390)	0.076 JB	0.065 JB	0.140 JB	0.120 JB	0.140 JB	0.076 JB
Fluoranthene	50	NA	0.068 J-3.600	0.042 J	0.074 J	ND(.370)	ND(.390)	ND(.370)	1.2	0.76
Pyrene	50	NA	0.057 J-3.500	ND(.390)	0.063 J	ND(.370)	ND(.390)	ND(.370)	1.2	0.68
Butylbenzylphthalate	50	NA	NA	--	--	--	--	--	--	--
3-3'-Dichlorobenzidine	50	NA	NA	--	--	--	--	--	--	--
Benzo(a)anthracene	0.224 or MDL	NA	0.032 J-1.700	ND(.390)	0.046 J	ND(.370)	ND(.390)	ND(.370)	0.97	0.44
Chrysene	0.4	NA	0.055 J-2.000	ND(.390)	0.045 J	ND(.370)	ND(.390)	ND(.370)	1.2	0.45
bis(2-Ethylhexyl)phthalate	50	NA	NT	0.090 J	0.190 J	0.260 J	?	0.054 J	0.260 J	0.046 J
Di-n-octylphthalate	50	NA	NA	--	--	--	--	--	--	--
Benzo(b)fluoranthene	1.1	NA	0.060-2.200	ND(.390)	ND(.380)	ND(.370)	ND(.390)	ND(.370)	1.4	0.300 J
Benzo(k)fluoranthene	1.1	NA	0.020 J-0.820	ND(.390)	0.082 J	ND(.370)	ND(.390)	ND(.370)	0.8	0.340 J
Benzo(a)pyrene	0.061 or MDL	NA	0.30 J-1.600	ND(.390)	ND(.380)	ND(.370)	ND(.390)	ND(.370)	1.1	0.38
Indeno(1,2,3-cd)pyrene	3.2	NA	0.013 J-0.660	ND(.390)	ND(.380)	ND(.370)	ND(.390)	ND(.370)	0.72	0.170 J
Dibenz(a,h)anthracene	0.014 or MDL	NA	0.015 J-0.190	ND(.390)	ND(.380)	ND(.370)	ND(.390)	ND(.370)	0.083 J	ND(.380)
Benzo(g,h,i)Perylene	50	NA	0.013 J-0.600	ND(.390)	ND(.380)	ND(.370)	ND(.390)	ND(.370)	0.72	0.180 J
Benzoic Acid	2.7	NA	NA	--	--	--	--	--	--	--
Total Confident Conc. SVOCs	500	NA	NA						9.76	2.71
Total Estimated Conc. SVOCs TICs			NT		5.44 J					
Metals (mg/kg)										
Aluminum	SB	33000	NA	8900	9820	6180	8530	11900	3720	8380
Antimony	SB	NA	NA	23.8	ND(6.0)	24.2	ND(6.20)	ND(6.0)	14.4	14.4

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	ZDW-B3	ZDW-C1	ZDW-C2	ZDW-D1	ZDW-E1	ZDW-F1	ZDW-F2
Sample Depth				9-11 ft. bg.	7-9 ft. bg.	15-17 ft. bg.	3-5 ft. bg.	3-5 ft. bg.	1-3 ft. bg.	3-5 ft. bg.
Sample Date				1/30/1995	1/31/1995	1/31/1995	1/31/1995	1/31/1995	1/31/1995	1/31/1995
Sample Area										
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Arsenic	7.5 or SB	3 - 12	3-12	4.7	3.3	1.3	4.2	4.3	21.7	3.3
Barium	300 or SB	15 - 600	NA	136	88	24	35.8	57.2	61.7	47
Beryllium	0.16 (HEAST) or SB	0 - 1.75	ND-1.75	0.37	0.49	0.24	0.38	0.5	0.38	0.37
Cadmium	1 or SB	0.1 - 1	0.1-1	ND(.380)	ND(.370)	ND(.360)	ND(.380)	ND(.370)	ND(.420)	ND(.370)
Calcium	SB	130 - 35000	NA	2080	1020	61100	723	1560	30700	49700
Chromium	10 or SB	1.5 - 40	1.5-40	1500	12.3	8.7	10.2	14.6	14.5	10.4
Cobalt	30 or SB	2.5 - 60	NA	7.4	8.7	5.5	7.2	11.8	4.3	7.7
Copper	25 or SB	1 - 50	1-50	22.6	19.8	18.3	17.5	23.7	60	22.4
Iron	2000 or SB	2000 - 550000	NA	18600	20400	13100	17200	27000	13300	15400
Lead	SB	SB	200-500	15	10.2	ND(5.9)	ND(6.20)	17.3	64.8	12
Magnesium	SB	100 - 5000	NA	2270	2590	17500	2180	3470	2240	3600
Manganese	SB	50 -5000	NA	677	427	514	361	650	269	836
Mercury	0.1	0.001 - 0.2	0.001-0.2	ND(.120)	ND(.110)	ND(.110)	ND(.120)	ND(.110)	0.15	0.12
Nickel	13 or SB	0.5 - 25	0.5-25	14.8	18.5	13.8	15.5	24.2	9.4	14.2
Potassium	SB	8500 - 43000	NA	472	566	421	483	634	318	524
Selenium	2 or SB	0.1 - 3.9	0.1-3.9	ND(.088)	0.15	ND(.082)	ND(.087)	ND(.085)	0.59	ND(.085)
Silver	SB	NA	NA	ND(.810)	ND(.780)	0.99	0.97	ND(.780)	ND(.890)	ND(.780)
Sodium	SB	6000 - 8000	NA	187	210	134	126	108	132	139
Thallium	SB	NA	NA	0.15	ND(.140)	0.19	0.18	ND(.140)	0.47	0.14
Vanadium	150 or SB	1 - 300	NA	15.7	15.3	9.9	14.1	17.8	13.7	13.5
Zinc	20 or SB	9 - 50	9-50	130	56.3	50.6	41	63.8	154	54.7
Cyanide	NA	NA	NA	ND(.620)	--	--	--	--	--	--
Hexavalent Chromium	NA	NA	NA	ND(.470)	ND(.450)	ND(.490)	ND(.460)	ND(.450)	1.1	ND(.450)
pH (Standard Units)				--	--	--	--	--	--	--
Pesticides (mg/kg)										
Analytical Dilution				5	5	1	?	1	10	1
alpha BHC	0.11	NA	NA	--	--	--	--	--	--	--
beta BHC	0.2	NA	NA	--	--	--	--	--	--	--
delta BHC	0.3	NA	NA	--	--	--	--	--	--	--
gamma BHC	0.06	NA	NA	--	--	--	--	--	--	--
Heptachlor	0.1	NA	NA	--	--	--	--	--	--	--
Aldrin	0.041	NA	NA	--	--	--	--	--	--	--
Heptachlor epoxide	0.02	NA	NA	--	--	--	--	--	--	--
Endosulfan I	0.9	NA	NA	--	--	--	--	--	--	--
Dieldrin	0.044	NA	NA	--	--	--	--	--	--	--
4,4'-DDE	2.1	NA	NA	--	--	--	--	--	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	ZDW-B3	ZDW-C1	ZDW-C2	ZDW-D1	ZDW-E1	ZDW-F1	ZDW-F2
Sample Depth				9-11 ft. bg.	7-9 ft. bg.	15-17 ft. bg.	3-5 ft. bg.	3-5 ft. bg.	1-3 ft. bg.	3-5 ft. bg.
Sample Date				1/30/1995	1/31/1995	1/31/1995	1/31/1995	1/31/1995	1/31/1995	1/31/1995
Sample Area										
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Endrin	0.1	NA	NA	--	--	--	--	--	--	--
Endosulfan II	0.9	NA	NA	--	--	--	--	--	--	--
4,4'-DDD	2.9	NA	NA	--	--	--	--	--	--	--
Endosulfan sulfate	1	NA	NA	--	--	--	--	--	--	--
4,4'-DDT	2.1	NA	NA	--	--	--	--	--	--	--
Methoxychlor	10	NA	NA	--	--	--	--	--	--	--
Endrin ketone	NA	NA	NA	--	--	--	--	--	--	--
Endrin Aldehyde	NA	NA	NA	--	--	--	--	--	--	--
alpha-Chlordane	0.54	NA	NA	--	--	--	--	--	--	--
gamma-Chlordane	0.54	NA	NA	--	--	--	--	--	--	--
Toxaphene	NA	NA	NA	--	--	--	--	--	--	--
PCBs (mg/kg)										
Analytical Dilution				5	5	1	?	1	10	1
Aroclor-1016	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1221	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1232	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1242	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1248	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1254	1 (surface)	NA	NA	--	4	--	?	ND(.075)	15	ND(.076)
	10 (subsurface)	NA	NA	?	--	0.3	--	--	--	--
Aroclor-1260	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Total PCBs										

Refer to Table IV for Notes

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	SAB-1A	SAB-2A	DUP-12695	SAB-4A	SAB-5A	SAB-5B	SAB-6A
Sample Depth				3-4 ft. bg.	3-4 ft. bg.	3-4 ft. bg.	3-3.5 ft. bg.	2-3 ft. bg.	5-6 ft. bg.	2-3 ft. bg.
Sample Date				1/26/1995	1/27/1995	1/26/1995	1/26/1995	1/26/1995	1/27/1995	1/26/1995
Sample Area										
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Volatile Organic Compounds (mg/kg)										
Analytical Dilution				1	1	1	1	1	1	1
Chloromethane	NA	NA	NA	--	--	--	--	--	--	--
Bromomethane	NA	NA	NA	--	--	--	--	--	--	--
Vinyl Chloride	0.2	NA	NA	--	--	--	--	--	--	--
Chloroethane	1.9	NA	NA	--	--	--	--	--	--	--
Methylene Chloride	0.1	NA	NA	ND(.012)	0.008	0.026 B	ND(.012)	ND(.013)	0.022	0.009
Acetone	0.2	NA	NA	ND(.012)	0.008	0.026 B	ND(.012)	0.014	0.026 B	0.025
Carbon Disulfide	2.7	NA	NA	--	--	--	--	--	--	--
1,1-Dichloroethene	0.4	NA	NA	--	--	--	--	--	--	--
1,1-Dichloroethane	0.2	NA	NA	--	--	--	--	--	--	--
1,2-Dichloroethene (total)	0.3	NA	NA	--	--	--	--	--	--	--
Chloroform	0.3	NA	NA	--	--	--	--	--	--	--
1,2-Dichloroethane	0.2	NA	NA	--	--	--	--	--	--	--
2-Butanone	0.3	NA	NA	--	--	--	--	--	--	--
1,1,1-Trichloroethane	0.8	NA	NA	--	--	--	--	--	--	--
Carbon Tetrachloride	0.6	NA	NA	--	--	--	--	--	--	--
Bromodichloromethane	NA	NA	NA	--	--	--	--	--	--	--
1,2,-Dichloropropane	NA	NA	NA	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	NA	NA	NA	--	--	--	--	--	--	--
Trichloroethene	0.7	NA	NA	--	--	--	--	--	--	--
Dibromochloromethane	NA	NA	NA	--	--	--	--	--	--	--
1,1,2-Trichloroethane	NA	NA	NA	--	--	--	--	--	--	--
Benzene	0.06	NA	NA	ND(.006)	ND(.006)	ND(.006)	ND(.006)	ND(.006)	0.01	ND(.006)
trans-1,3-Dichloropropene	NA	NA	NA	--	--	--	--	--	--	--
Bromoform	NA	NA	NA	--	--	--	--	--	--	--
4-Methyl-2-Pentanone	1	NA	NA	--	--	--	--	--	--	--
2-Hexanone	NA	NA	NA	--	--	--	--	--	--	--
Tetrachloroethene	1.4	NA	NA	ND(.006)	ND(.006)	ND(.006)	ND(.006)	0.012	0.014	ND(.006)
1,1,2,2-Tetrachloroethane	0.6	NA	NA	--	--	--	--	--	--	--
Toluene	1.5	NA	NA	ND(.006)	ND(.006)	ND(.006)	ND(.006)	ND(.006)	0.015	ND(.006)
Chlorobenzene	1.7	NA	NA	--	--	--	--	--	--	--
Ethylbenzene	5.5	NA	NA	--	--	--	--	--	--	--
Styrene	NA	NA	NA	--	--	--	--	--	--	--
Xylenes (total)	1.2	NA	NA	--	--	--	--	--	--	--
Total Confident Conc. VOAs	10	NA	NA		0.026				0.061	0.034
Total Estimated Conc. VOA TICs										

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	SAB-1A	SAB-2A	DUP-12695	SAB-4A	SAB-5A	SAB-5B	SAB-6A
Sample Depth				3-4 ft. bg.	3-4 ft. bg.	3-4 ft. bg.	3-3.5 ft. bg.	2-3 ft. bg.	5-6 ft. bg.	2-3 ft. bg.
Sample Date				1/26/1995	1/27/1995	1/26/1995	1/26/1995	1/26/1995	1/27/1995	1/26/1995
Sample Area										
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Semi-Volatile Organic Compounds (mg/kg)										
Analytical Dilution				1	1	1	1	1	1	1/5
Phenol	0.03 or MDL	NA	NA	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	50	NA	NA	--	--	--	--	--	--	--
2-Chlorophenol	0.8	NA	NA	--	--	--	--	--	--	--
1,3-Dichlorobenzene	50	NA	NA	--	--	--	--	--	--	--
1,4-Dichlorobenzene	50	NA	NA	--	--	--	--	--	--	--
1,2-Dichlorobenzene	50	NA	NA	--	--	--	--	--	--	--
2-Methylphenol	0.1 or MDL	NA	NA	--	--	--	--	--	--	--
2,2'-oxybis(1-Chloropropane)	50	NA	NA	--	--	--	--	--	--	--
4-Methylphenol	0.9	NA	NA	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	50	NA	NA	--	--	--	--	--	--	--
Hexachloroethane	50	NA	NA	--	--	--	--	--	--	--
Nitrobenzene	0.2 or MDL	NA	NA	--	--	--	--	--	--	--
Isophorone	4.4	NA	NA	--	--	--	--	--	--	--
2-Nitrophenol	0.33 or MDL	NA	NA	--	--	--	--	--	--	--
2,4-Dimethylphenol	50	NA	NA	--	--	--	--	--	--	--
bis(2-Chloroethoxy) Methane	50	NA	NA	--	--	--	--	--	--	--
2,4-Dichlorophenol	0.4	NA	NA	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	50	NA	NA	--	--	--	--	--	--	--
Napthalene	13	NA	ND-0.300 J	ND(.400)	ND(.400)	ND(.370)	ND(.400)	0.056 J	ND(.420)	0.82
4-Chloroaniline	0.22 or MDL	NA	NA	--	--	--	--	--	--	--
Hexachlorobutadiene	50	NA	NA	--	--	--	--	--	--	--
4-Chloro-3-methylphenol	0.24 or MDL	NA	NA	--	--	--	--	--	--	--
2-Methylnapthalene	36.4	NA	NT	ND(.400)	ND(.400)	ND(.300)	ND(.400)	ND(.430)	ND(.420)	0.18 J
Hexachlorocyclopentadiene	50	NA	NA	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	50	NA	NA	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	0.1	NA	NA	--	--	--	--	--	--	--
2-Chloronaphthalene	50	NA	NA	--	--	--	--	--	--	--
2-Nitroaniline	0.43 or MDL	NA	NA	--	--	--	--	--	--	--
Dimethylphthalate	2	NA	NA	--	--	--	--	--	--	--
Acenaphthylene	41	NA	ND-0.190 J	ND(.400)	ND(.400)	ND(.370)	ND(.400)	ND(.430)	ND(.420)	0.17 J
2,6-Dinitrotoluene	1	NA	NA	--	--	--	--	--	--	--
3-Nitroaniline	0.5 or MDL	NA	NA	--	--	--	--	--	--	--
Acenaphthene	50	NA	ND-0.360 J	ND(.400)	ND(.400)	ND(.370)	ND(.400)	0.074 J	ND(.420)	0.9
2,4-Dinitrophenol	0.2 or MDL	NA	NA	--	--	--	--	--	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	SAB-1A	SAB-2A	DUP-12695	SAB-4A	SAB-5A	SAB-5B	SAB-6A
Sample Depth				3-4 ft. bg.	3-4 ft. bg.	3-4 ft. bg.	3-3.5 ft. bg.	2-3 ft. bg.	5-6 ft. bg.	2-3 ft. bg.
Sample Date				1/26/1995	1/27/1995	1/26/1995	1/26/1995	1/26/1995	1/27/1995	1/26/1995
Sample Area										
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
4-Nitrophenol	0.1 or MDL	NA	NA	--	--	--	--	--	--	--
Dibenzofuran	6.2	NA	NT	ND(.400)	ND(.400)	ND(.370)	ND(.400)	0.054 J	ND(.420)	0.59
2,4-Dinitrotoluene	50	NA	NA	--	--	--	--	--	--	--
Diethylphthalate	7.1	NA	NA	--	--	--	--	--	--	--
4-Chlorophenyl-phenylether	50	NA	NA	--	--	--	--	--	--	--
Fluorene	50	NA	ND-0.330 J	ND(.400)	ND(.400)	ND(.370)	ND(.400)	0.079 J	ND(.420)	0.88
4-Nitroaniline	50	NA	NA	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	50	NA	NA	--	--	--	--	--	--	--
N-Nitrosodiphenylamine (1)	50	NA	NA	--	--	--	--	--	--	--
4-Bromophenyl-phenylether	50	NA	NA	--	--	--	--	--	--	--
Hexachlorobenzene	0.41	NA	NA	--	--	--	--	--	--	--
Pentachlorophenol	1 or MDL	NA	NA	--	--	--	--	--	--	--
Phenanthrene	50	NA	0.030 J-2.700	ND(.400)	ND(.400)	0.32 J	0.10 J	0.82	0.32 J	5.8
Anthracene	50	NA	ND-0.740	ND(.400)	0.130 J	0.11 J	ND(.400)	0.17 J	0.083 J	1.7
Carbazole	50	NA	NT	ND(.400)	ND(.400)	ND(.370)	ND(.400)	0.088 J	ND(.420)	0.96
Di-n-butylphthalate	8.1	NA	NA	0.046 JB	0.054 JB	0.09 JB	0.12 JB	0.16 JB	0.098 JB	0.23 JB
Fluoranthene	50	NA	0.068 J-3.600	ND(.400)	0.96	0.58	0.15 J	0.8	0.40 J	7.6
Pyrene	50	NA	0.057 J-3.500	ND(.400)	1	0.53	0.13 J	0.81	0.41 J	7.2
Butylbenzylphthalate	50	NA	NA	--	--	--	--	--	--	--
3-3'-Dichlorobenzidine	50	NA	NA	--	--	--	--	--	--	--
Benzo(a)anthracene	0.224 or MDL	NA	0.032 J-1.700	ND(.400)	0.49	0.3 J	0.064 J	.037 J	0.20 J	3.5
Chrysene	0.4	NA	0.055 J-2.000	ND(.400)	0.52	0.32 J	0.071 J	0.44	0.24 J	3.9
bis(2-Ethylhexyl)phthalate	50	NA	NT	ND(.400)	0.096 J	0.06 JB	0.055 J	0.06 J	0.15 J	ND(.410)
Di-n-octylphthalate	50	NA	NA	--	--	--	--	--	--	--
Benzo(b)fluoranthene	1.1	NA	0.060-2.200	ND(.400)	0.35 J	0.3 J	0.068 J	0.32 J	0.21 J	3.1
Benzo(k)fluoranthene	1.1	NA	0.020 J-0.820	ND(.400)	0.51	0.27 J	0.061 J	0.38 J	0.22 J	4
Benzo(a)pyrene	0.061 or MDL	NA	0.30 J-1.600	ND(.400)	0.43	0.28 J	0.059 J	0.34 J	0.21 J	2.9
Indeno(1,2,3-cd)pyrene	3.2	NA	0.013 J-0.660	ND(.400)	0.2 J	0.09 J	ND(.400)	0.12 J	0.076 J	0.77
Dibenz(a,h)anthracene	0.014 or MDL	NA	0.015 J-0.190	ND(.400)	0.095 J	ND(.370)	ND(.400)	0.056 J	ND(.420)	0.071
Benzo(g,h,i)Perylene	50	NA	0.013 J-0.600	ND(.400)	0.2 J	0.089 J	ND(.400)	0.11 J	0.071 J	0.071
Benzoic Acid	2.7	NA	NA	--	--	--	--	--	--	--
Total Confident Conc. SVOCs	500	NA	NA							
Total Estimated Conc. SVOCs TICs			NT		3.91	1.11		2.87		45.4
Metals (mg/kg)										
Aluminum	SB	33000	NA	9960	10700	9730	10900	4930	3630	5140
Antimony	SB	NA	NA	ND(6.30)	ND(6.30)	ND(6.00)	9.2	ND(6.80)	ND(6.60)	8.5

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	SAB-1A	SAB-2A	DUP-12695	SAB-4A	SAB-5A	SAB-5B	SAB-6A
Sample Depth				3-4 ft. bg.	3-4 ft. bg.	3-4 ft. bg.	3-3.5 ft. bg.	2-3 ft. bg.	5-6 ft. bg.	2-3 ft. bg.
Sample Date				1/26/1995	1/27/1995	1/26/1995	1/26/1995	1/26/1995	1/27/1995	1/26/1995
Sample Area										
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Arsenic	7.5 or SB	3 - 12	3-12	7.2	13.8	11.4	32.8	18.4	14.4	14.4
Barium	300 or SB	15 - 600	NA	35.8	59.2	50	77.7	99.1	58.2	220
Beryllium	0.16 (HEAST) or SB	0 - 1.75	ND-1.75	0.38	0.4	0.35	0.42	0.54	0.44	0.48
Cadmium	1 or SB	0.1 - 1	0.1-1	ND(.39)	ND(.39)	ND(.37)	0.56	0.62	0.62	1.5
Calcium	SB	130 - 35000	NA	1340	5480	3800	17500	5200	4290	8750
Chromium	10 or SB	1.5 - 40	1.5-40	13.2	16.1	14.2	14.8	63	50.3	53.8
Cobalt	30 or SB	2.5 - 60	NA	7.4	7.8	7.4	8	5	4.1	5.3
Copper	25 or SB	1 - 50	1-50	23.5	29.8	27.2	26.7	95.8	116	511
Iron	2000 or SB	2000 - 550000	NA	24200	27200	26300	29800	31400	25300	27400
Lead	SB	SB	200-500	9.4	24.6	19	17	54.2	?	186
Magnesium	SB	100 - 5000	NA	3320	3810	3560	3800	1590	1060	1970
Manganese	SB	50 -5000	NA	477	600	459	476	190	134	267
Mercury	0.1	0.001 - 0.2	0.001-0.2	ND(.12)	ND(.12)	ND(.11)	ND(.12)	0.61	0.31	0.21
Nickel	13 or SB	0.5 - 25	0.5-25	19.1	21.3	19.6	21.2	13.6	11	18.8
Potassium	SB	8500 - 43000	NA	637	755	595	672	383	312	440
Selenium	2 or SB	0.1 - 3.9	0.1-3.9	0.16	0.26	0.35	0.76	0.84	0.74	0.64
Silver	SB	NA	NA	ND(.82)	ND(.83)	ND(.78)	ND(.82)	ND(.89)	ND(.87)	ND(.85)
Sodium	SB	6000 - 8000	NA	44.1	53	43.2	103	75.1	85.5	165
Thallium	SB	NA	NA	ND(.140)	ND(.150)	ND(.140)	0.28	0.26	0.22	0.17
Vanadium	150 or SB	1 - 300	NA	13.7	17.2	15.6	20.4	16.6	12.9	15.1
Zinc	20 or SB	9 - 50	9-50	?	100	78.4	94	200	174	983
Cyanide	NA	NA	NA	ND(.63)	ND(.56)	ND(.53)	ND(.57)	ND(.61)	ND(.58)	ND(.59)
Hexavalent Chromium	NA	NA	NA	ND(.47)	0.49	0.58	ND(.48)	4.1	10.9	8.9
pH (Standard Units)				8.09	8.22	8.31	7.92	8.4	8.7	8.56
Pesticides (mg/kg)										
Analytical Dilution				1	1	1	1	1	1	1
alpha BHC	0.11	NA	NA	--	--	--	--	--	--	--
beta BHC	0.2	NA	NA	--	--	--	--	--	--	--
delta BHC	0.3	NA	NA	--	--	--	--	--	--	--
gamma BHC	0.06	NA	NA	--	--	--	--	--	--	--
Heptachlor	0.1	NA	NA	--	--	--	--	--	--	--
Aldrin	0.041	NA	NA	--	--	--	--	--	--	--
Heptachlor epoxide	0.02	NA	NA	ND(.002)	ND(.002)	ND(.0019)	ND(.080)	0.0057	ND(.0021)	ND(.002)
Endosulfan I	0.9	NA	NA	ND(.002)	ND(.002)	ND(.0019)	0.65	ND(.0021)	ND(.0021)	ND(.002)
Dieldrin	0.044	NA	NA	--	--	--	--	--	--	--
4,4'-DDE	2.1	NA	NA	--	--	--	--	--	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	SAB-1A	SAB-2A	DUP-12695	SAB-4A	SAB-5A	SAB-5B	SAB-6A
Sample Depth				3-4 ft. bg.	3-4 ft. bg.	3-4 ft. bg.	3-3.5 ft. bg.	2-3 ft. bg.	5-6 ft. bg.	2-3 ft. bg.
Sample Date				1/26/1995	1/27/1995	1/26/1995	1/26/1995	1/26/1995	1/27/1995	1/26/1995
Sample Area										
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Endrin	0.1	NA	NA	--	--	--	--	--	--	--
Endosulfan II	0.9	NA	NA	--	--	--	--	--	--	--
4,4'-DDD	2.9	NA	NA	--	--	--	--	--	--	--
Endosulfan sulfate	1	NA	NA	--	--	--	--	--	--	--
4,4'-DDT	2.1	NA	NA	--	--	--	--	--	--	--
Methoxychlor	10	NA	NA	--	--	--	--	--	--	--
Endrin ketone	NA	NA	NA	--	--	--	--	--	--	--
Endrin Aldehyde	NA	NA	NA	--	--	--	--	--	--	--
alpha-Chlordane	0.54	NA	NA	ND(.002)	ND(.002)	0.0068	ND(.080)	ND(.0021)	ND(.0021)	ND(.002)
gamma-Chlordane	0.54	NA	NA	ND(.002)	0.01	0.03	ND(.080)	0.036	0.028	0.02
Toxaphene	NA	NA	NA	--	--	--	--	--	--	--
PCBs (mg/kg)										
Analytical Dilution										
Aroclor-1016	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1221	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1232	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1242	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1248	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1254	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1260	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Total PCBs										

Refer to Table IV for Notes

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	SAB-6B	DW-1-1	DW-1-2	DW-1-3	DW-1-4	DW-2R	DW-3
Sample Depth				5-6 ft. bg.	2-4 ft. bg.	2-4 ft. bg.	2-4 ft. bg.	DW-Base	DW-Base	DW-Base
Sample Date				1/27/1995	6/17/1993	6/17/1993	6/17/1993	6/15/1993	6/15/1993	6/15/1993
Sample Area					N	N	N	N	N	N
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Volatile Organic Compounds (mg/kg)										
Analytical Dilution				1	1.26	1.32	2.44	285/2850	1.39	66.7
Chloromethane	NA	NA	NA	--	ND(.013)	ND(.013)	ND(.024)	ND(.016)	ND(.014)	ND(10.000)*
Bromomethane	NA	NA	NA	--	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*
Vinyl Chloride	0.2	NA	NA	--	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*
Chloroethane	1.9	NA	NA	--	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*
Methylene Chloride	0.1	NA	NA	ND(.005)	0.030 JB	0.024 B	0.080 JB	0.004 B	0.013 J	ND(10.000)*
Acetone	0.2	NA	NA	0.068	ND(1.000)*	ND(2.200)*	ND(.700)*	ND(.019)	ND(.014)	ND(10.000)*
Carbon Disulfide	2.7	NA	NA	--	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*
1,1-Dichloroethene	0.4	NA	NA	--	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*
1,1-Dichloroethane	0.2	NA	NA	--	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*
1,2-Dichloroethene (total)	0.3	NA	NA	--	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*
Chloroform	0.3	NA	NA	--	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*
1,2-Dichloroethane	0.2	NA	NA	--	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*
2-Butanone	0.3	NA	NA	--	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*
1,1,1-Trichloroethane	0.8	NA	NA	--	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*
Carbon Tetrachloride	0.6	NA	NA	--	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*
Bromodichloromethane	NA	NA	NA	--	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*
1,2,-Dichloropropane	NA	NA	NA	--	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*
cis-1,3-Dichloropropene	NA	NA	NA	--	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*
Trichloroethene	0.7	NA	NA	--	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*
Dibromochloromethane	NA	NA	NA	--	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*
1,1,2-Trichloroethane	NA	NA	NA	--	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*
Benzene	0.06	NA	NA	ND(.005)	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*
trans-1,3-Dichloropropene	NA	NA	NA	--	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*
Bromoform	NA	NA	NA	--	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*
4-Methyl-2-Pentanone	1	NA	NA	--	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*
2-Hexanone	NA	NA	NA	--	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*
Tetrachloroethene	1.4	NA	NA	ND(.005)	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*
1,1,2,2-Tetrachloroethane	0.6	NA	NA	--	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*
Toluene	1.5	NA	NA	ND(.005)	0.034 J	0.009 J	0.066 J	ND(.019)	ND(.014)	ND(10.000)*
Chlorobenzene	1.7	NA	NA	--	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*
Ethylbenzene	5.5	NA	NA	--	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*
Styrene	NA	NA	NA	--	ND(.013)	ND(.013)	ND(.024)	ND(.019)	ND(.014)	ND(10.000)*
Xylenes (total)	1.2	NA	NA	--	0.012 J	ND(.013)	0.009 J	ND(.019)	ND(.014)	ND(10.000)*
Total Confident Conc. VOAs	10	NA	NA	0.068		0.024				
Total Estimated Conc. VOA TICs										805

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	SAB-6B	DW-1-1	DW-1-2	DW-1-3	DW-1-4	DW-2R	DW-3
Sample Depth				5-6 ft. bg.	2-4 ft. bg.	2-4 ft. bg.	2-4 ft. bg.	DW-Base	DW-Base	DW-Base
Sample Date				1/27/1995	6/17/1993	6/17/1993	6/17/1993	6/15/1993	6/15/1993	6/15/1993
Sample Area					N	N	N	N	N	N
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Semi-Volatile Organic Compounds (mg/kg) Analytical Dilution				1	1.26	1.32	2.44	285/2850	1.39	66.7
Phenol	0.03 or MDL	NA	NA	--	ND(.420)	ND(.440)	0.091 J	ND(94.000)*	ND(2.300)	ND(22.000)
bis(2-Chloroethyl)ether	50	NA	NA	--	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)
2-Chlorophenol	0.8	NA	NA	--	ND(.420)	ND(.440)	ND(810)*	ND(94.000)*	ND(2.300)*	ND(22.000)
1,3-Dichlorobenzene	50	NA	NA	--	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)
1,4-Dichlorobenzene	50	NA	NA	--	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)
1,2-Dichlorobenzene	50	NA	NA	--	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)
2-Methylphenol	0.1 or MDL	NA	NA	--	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)
2,2'-oxybis(1-Chloropropane)	50	NA	NA	--	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)
4-Methylphenol	0.9	NA	NA	--	ND(.420)	ND(.440)	0.096 J	ND(94.000)*	ND(2.300)*	ND(22.000)*
N-Nitroso-di-n-propylamine	50	NA	NA	--	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)
Hexachloroethane	50	NA	NA	--	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)
Nitrobenzene	0.2 or MDL	NA	NA	--	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)
Isophorone	4.4	NA	NA	--	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)*
2-Nitrophenol	0.33 or MDL	NA	NA	--	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)
2,4-Dimethylphenol	50	NA	NA	--	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)
bis(2-Chloroethoxy) Methane	50	NA	NA	--	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)
2,4-Dichlorophenol	0.4	NA	NA	--	ND(420)*	ND(440)*	ND(810)*	ND(94.000)*	ND(2.300)*	ND(22.000)*
1,2,4-Trichlorobenzene	50	NA	NA	--	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)
Napthalene	13	NA	ND-0.300 J	ND(.360)	0.062 J	ND(.440)	0.110 J	ND(94.000)*	0.530 J	4.1 J
4-Chloroaniline	0.22 or MDL	NA	NA	--	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)
Hexachlorobutadiene	50	NA	NA	--	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)
4-Chloro-3-methylphenol	0.24 or MDL	NA	NA	--	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)
2-Methylnapthalene	36.4	NA	NT	ND(.360)	ND(.420)	ND(.440)	0.065 J	ND(94.000)*	0.240 J	3.2 J
Hexachlorocyclopentadiene	50	NA	NA	--	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)
2,4,6-Trichlorophenol	50	NA	NA	--	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)
2,4,5-Trichlorophenol	0.1	NA	NA	--	ND(2.100)*	ND(2.200)*	ND(4.100)*	ND(470.000)*	ND(12.000)*	ND(110.000)*
2-Chloronaphthalene	50	NA	NA	--	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)
2-Nitroaniline	0.43 or MDL	NA	NA	--	ND(2.100)	ND(2.200)	ND(4.100)	ND(470.000)*	ND(12.000)	ND(110.000)*
Dimethylphthalate	2	NA	NA	--	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)*
Acenaphthylene	41	NA	ND-0.190 J	ND(.360)	0.068 J	ND(.440)	0.100 J	ND(94.000)*	ND(2.300)	ND(22.000)
2,6-Dinitrotoluene	1	NA	NA	--	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)*
3-Nitroaniline	0.5 or MDL	NA	NA	--	ND(2.100)	ND(2.200)	ND(4.100)	ND(470.000)*	ND(12.000)	ND(110.000)*
Acenaphthene	50	NA	ND-0.360 J	ND(.360)	ND(.420)	0.040 J	0.066 J	ND(94.000)*	0.530 J	ND(22.000)
2,4-Dinitrophenol	0.2 or MDL	NA	NA	--	ND(2.100)	ND(2.200)	ND(4.100)	ND(470.000)*	ND(12.000)	ND(110.000)*

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	SAB-6B	DW-1-1	DW-1-2	DW-1-3	DW-1-4	DW-2R	DW-3
Sample Depth				5-6 ft. bg.	2-4 ft. bg.	2-4 ft. bg.	2-4 ft. bg.	DW-Base	DW-Base	DW-Base
Sample Date				1/27/1995	6/17/1993	6/17/1993	6/17/1993	6/15/1993	6/15/1993	6/15/1993
Sample Area					N	N	N	N	N	N
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
4-Nitrophenol	0.1 or MDL	NA	NA	--	ND(2.100)	ND(2.200)	ND(4.100)	ND(470.000)*	ND(12.000)	ND(110.000)*
Dibenzofuran	6.2	NA	NT	ND(.360)	ND(.420)	ND(.440)	0.060 J	ND(94.000)*	ND(.390)	ND(22.000)*
2,4-Dinitrotoluene	50	NA	NA	--	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)*
Diethylphthalate	7.1	NA	NA	--	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)*
4-Chlorophenyl-phenylether	50	NA	NA	--	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)
Fluorene	50	NA	ND-0.330 J	ND(.360)	ND(.420)	0.087 J	0.094 J	ND(94.000)*	0.57 J	ND(22.000)
4-Nitroaniline	50	NA	NA	--	ND(2.100)	ND(2.200)	0.16 J	ND(470.000)*	ND(12.000)	ND(110.000)*
4,6-Dinitro-2-methylphenol	50	NA	NA	--	ND(2.100)	ND(2.200)	ND(4.100)	ND(470.000)*	ND(12.000)	ND(110.000)*
N-Nitrosodiphenylamine (1)	50	NA	NA	--	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	0.28 J	ND(22.000)
4-Bromophenyl-phenylether	50	NA	NA	--	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)
Hexachlorobenzene	0.41	NA	NA	--	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)*
Pentachlorophenol	1 or MDL	NA	NA	--	ND(2.100)	ND(2.200)	ND(4.100)	ND(470.000)*	ND(12.000)	ND(110.000)*
Phenanthrene	50	NA	0.030 J-2.700	ND(.360)	0.48	1.1	8.2	ND(94.000)*	3.9	ND(22.000)
Anthracene	50	NA	ND-0.740	ND(.360)	0.14 J	0.23 J	0.20 J	ND(94.000)*	0.95 J	ND(22.000)
Carbazole	50	NA	NT	ND(.360)	ND(.420)	ND(.440)	0.6 J	ND(94.000)*	0.58 J	ND(22.000)
Di-n-butylphthalate	8.1	NA	NA	0.25 JB	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	0.27 J	4.6 J
Fluoranthene	50	NA	0.068 J-3.600	0.041 J	0.91	1.7	1	ND(94.000)*	3.9	ND(22.000)
Pyrene	50	NA	0.057 J-3.500	0.041 J	0.79	1.5	1	ND(94.000)*	4.9	3.1 J
Butylbenzylphthalate	50	NA	NA	--	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	0.34 J	ND(22.000)
3-3'-Dichlorobenzidine	50	NA	NA	--	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	ND(2.300)	ND(22.000)
Benzo(a)anthracene	0.224 or MDL	NA	0.032 J-1.700	ND(.360)	0.48	1.2	0.6 J	ND(94.000)*	2.1 J	ND(22.000)
Chrysene	0.4	NA	0.055 J-2.000	ND(.360)	0.82	1.9	1.1	9.5 J	3.1	2.3 J
bis(2-Ethylhexyl)phthalate	50	NA	NT	0.068 J	0.57 B	0.15 JB	0.41 JB	8600 B	5.5 B	56 B
Di-n-octylphthalate	50	NA	NA	--	ND(.420)	ND(.440)	ND(.810)	ND(94.000)*	0.49 JB	2.3 JB
Benzo(b)fluoranthene	1.1	NA	0.060-2.200	ND(.360)	0.67	1.3	0.8 J	ND(94.000)*	2.7 J	ND(22.000)*
Benzo(k)fluoranthene	1.1	NA	0.020 J-0.820	ND(.360)	0.39 J	0.88	0.53 J	ND(94.000)*	1.7 J	ND(22.000)*
Benzo(a)pyrene	0.061 or MDL	NA	0.30 J-1.600	ND(.360)	0.42	1.1	0.620 J	ND(94.000)*	2.4 J	ND(22.000)*
Indeno(1,2,3-cd)pyrene	3.2	NA	0.013 J-0.660	ND(.360)	0.28 J	1.1	0.45 J	ND(94.000)*	0.93 J	ND(22.000)
Dibenz(a,h)anthracene	0.014 or MDL	NA	0.015 J-0.190	ND(.360)	0.099 J	0.54	0.17 J	ND(94.000)*	0.36 J	ND(22.000)
Benzo(g,h,i)Perylene	50	NA	0.013 J-0.600	ND(.360)	0.21 J	0.96	0.37 J	ND(94.000)*	1 J	ND(22.000)
Benzoic Acid	2.7	NA	NA	--	--	--	--	--	--	--
Total Confident Conc. SVOCs	500	NA	NA		4.57	13.28	3.92		20.9	
Total Estimated Conc. SVOCs TICs			NT		19.23	22.19	101.9	11.6	10.55	1469
Metals (mg/kg)										
Aluminum	SB	33000	NA	10400	5150	12600	6550	7150	5840	10100
Antimony	SB	NA	NA	ND(5.70)	17.8 J	8.4 J	24.4 J	14.1 J	10.1	ND(8.1000)

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	SAB-6B	DW-1-1	DW-1-2	DW-1-3	DW-1-4	DW-2R	DW-3
Sample Depth				5-6 ft. bg.	2-4 ft. bg.	2-4 ft. bg.	2-4 ft. bg.	DW-Base	DW-Base	DW-Base
Sample Date				1/27/1995	6/17/1993	6/17/1993	6/17/1993	6/15/1993	6/15/1993	6/15/1993
Sample Area					N	N	N	N	N	N
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Arsenic	7.5 or SB	3 - 12	3-12	7.3	12.0 J	5.7 J	18.2 J	15.6 J	12.7 J	20.6 J
Barium	300 or SB	15 - 600	NA	35.6	193	98.2	267	230	129	228
Beryllium	0.16 (HEAST) or SB	0 - 1.75	ND-1.75	0.34	0.53	0.82	0.72	0.64	0.41	0.54
Cadmium	1 or SB	0.1 - 1	0.1-1	0.41	ND(.390)	ND(.410)	0.80 J	3.6 J	7.1	14.4
Calcium	SB	130 - 35000	NA	2200	40800 J	2560 J	7260 J	1800 J	18000 J	15000 J
Chromium	10 or SB	1.5 - 40	1.5-40	13.7	61.6	48.5	143	65.3	35.9	70.2
Cobalt	30 or SB	2.5 - 60	NA	7.9	5.4 J	7.5 J	11.6 J	7.6 J	9.8	20.7
Copper	25 or SB	1 - 50	1-50	24.3	112	27.8	795	294	223	522
Iron	2000 or SB	2000 - 550000	NA	27000	22300	26300	37800	29800	19300	28000
Lead	SB	SB	200-500	11.6	283	25.7	438	750	765	717
Magnesium	SB	100 - 5000	NA	3560	2070	1940	1850	2340	4930	6770
Manganese	SB	50 -5000	NA	482	294	210	397	146	228 J	241 J
Mercury	0.1	0.001 - 0.2	0.001-0.2	ND(.11)	0.48 J	0.26 J	0.36 J	0.92 J	ND(.140)	0.19
Nickel	13 or SB	0.5 - 25	0.5-25	23.2	17.2 J	18.8 J	30.6 J	46.7	43.9	74.6
Potassium	SB	8500 - 43000	NA	504	401	677	669	892	644	1190
Selenium	2 or SB	0.1 - 3.9	0.1-3.9	ND(.081)	0.37 J	0.079 J	0.0015 J	0.0024 J	0.86	0.79
Silver	SB	NA	NA	ND(.74)	ND(1.10)	ND(1.20)	ND(2.20)	ND(1.70)	ND(1.30)	ND(1.50)
Sodium	SB	6000 - 8000	NA	39	163	119	134	102	75 B	99.9 B
Thallium	SB	NA	NA	ND(.13)	ND(.27)	ND(.28)	0.85	ND(.41)	ND(.30)	ND(.25)
Vanadium	150 or SB	1 - 300	NA	15.1	16.5 J	24.5 J	28.5 J	129	44.6	40.7
Zinc	20 or SB	9 - 50	9-50	71.5	430 J	336 J	1070 J	887 J	1640 J	2240 J
Cyanide	NA	NA	NA	ND(.53)	0.75 J	0.34 J	3.04 J	1.42 J	2.9	1.9
Hexavalent Chromium	NA	NA	NA	ND(.43)	--	--	--	--	--	--
pH (Standard Units)				8.35	--	--	--	--	--	--
Pesticides (mg/kg)										
Analytical Dilution				1	1.26	1.32	2.44	1.89	1.39	1000
alpha BHC	0.11	NA	NA	--	ND(.0013)	ND(.0026)	ND(.0024)	ND(.0038)	ND(.0028)	ND(.0032)
beta BHC	0.2	NA	NA	--	ND(.0013)	ND(.0026)	ND(.0024)	ND(.0038)	ND(.0028)	ND(.0032)
delta BHC	0.3	NA	NA	--	ND(.0013)	ND(.0026)	ND(.0024)	ND(.0038)	ND(.0028)	ND(.0032)
gamma BHC	0.06	NA	NA	--	ND(.0013)	ND(.0026)	ND(.0024)	ND(.0038)	ND(.0028)	ND(.0032)
Heptachlor	0.1	NA	NA	--	ND(.0013)	ND(.0026)	ND(.0024)	ND(.0038)	ND(.0028)	ND(.0032)
Aldrin	0.041	NA	NA	--	ND(.0013)	ND(.0026)	ND(.0024)	ND(.0038)	ND(.0028)	ND(.0032)
Heptachlor epoxide	0.02	NA	NA	ND(.0018)	ND(.0013)	ND(.0026)	ND(.0024)	ND(.0038)	ND(.0028)	ND(.0032)
Endosulfan I	0.9	NA	NA	ND(.0018)	ND(.0013)	ND(.0026)	0.0049	ND(.0038)	0.0012	ND(.0032)
Dieldrin	0.044	NA	NA	--	ND(.0025)	ND(.0052)	ND(.0049)*	ND(.0075)*	ND(.0056)*	ND(.0064)*
4,4'-DDE	2.1	NA	NA	--	ND(.0025)	ND(.0052)	ND(.0049)	ND(.0075)	ND(.0056)	ND(.0064)

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	SAB-6B	DW-1-1	DW-1-2	DW-1-3	DW-1-4	DW-2R	DW-3
Sample Depth				5-6 ft. bg.	2-4 ft. bg.	2-4 ft. bg.	2-4 ft. bg.	DW-Base	DW-Base	DW-Base
Sample Date				1/27/1995	6/17/1993	6/17/1993	6/17/1993	6/15/1993	6/15/1993	6/15/1993
Sample Area					N	N	N	N	N	N
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Endrin	0.1	NA	NA	--	ND(.0025)	ND(.0052)	ND(.0049)	ND(.0075)	ND(.0056)	ND(.0064)
Endosulfan II	0.9	NA	NA	--	0.00065 J	ND(.0052)	ND(.0049)	ND(.0075)	ND(.0056)	ND(.0064)
4,4'-DDD	2.9	NA	NA	--	ND(.0025)	ND(.0052)	ND(.0049)	ND(.0075)	ND(.0056)	0.0035
Endosulfan sulfate	1	NA	NA	--	ND(.0025)	ND(.0052)	ND(.0049)	ND(.0075)	ND(.0056)	ND(.0064)
4,4'-DDT	2.1	NA	NA	--	ND(.0025)	ND(.0052)	ND(.0049)	ND(.0075)	ND(.0056)	ND(.0064)
Methoxychlor	10	NA	NA	--	ND(.0130)	ND(.0260)	ND(.0240)	ND(.0380)	ND(.0280)	ND(.0320)
Endrin ketone	NA	NA	NA	--	ND(.0025)	ND(.0052)	ND(.0049)	ND(.0075)	ND(.0056)	ND(.0064)
Endrin Aldehyde	NA	NA	NA	--	ND(.0025)	ND(.0052)	ND(.0049)	ND(.0075)	ND(.0056)	ND(.0064)
alpha-Chlordane	0.54	NA	NA	ND(.0018)	ND(.0013)	ND(.0026)	ND(.0024)	ND(.0038)	ND(.0028)	ND(.0032)
gamma-Chlordane	0.54	NA	NA	ND(.0018)	ND(.0013)	ND(.0026)	0.0025	ND(.0038)	ND(.0028)	ND(.0032)
Toxaphene	NA	NA	NA	--	ND(.0420)	ND(.0880)	ND(.0810)	ND(.1200)	ND(.0930)	ND(.1100)
PCBs (mg/kg)										
Analytical Dilution					1.26	1.32	2.44	1.89	1.39	1000
Aroclor-1016	1 (surface)	NA	NA	--	ND(.042)	ND(.088)	ND(.081)	ND(.120)	ND(.093)	ND(.110)
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1221	1 (surface)	NA	NA	--	ND(.084)	ND(.180)	ND(.160)	ND(.250)	ND(.180)	ND(.220)
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1232	1 (surface)	NA	NA	--	ND(.042)	ND(.088)	ND(.081)	ND(.120)	ND(.093)	ND(.110)
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1242	1 (surface)	NA	NA	--	ND(.042)	ND(.088)	ND(.081)	ND(.120)	ND(.093)	ND(.110)
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1248	1 (surface)	NA	NA	--	ND(.042)	ND(.088)	ND(.081)	ND(.120)	ND(.093)	ND(.110)
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1254	1 (surface)	NA	NA	--	ND(.042)	ND(.088)	ND(.081)	ND(.120)	ND(.093)	1.5
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1260	1 (surface)	NA	NA	--	ND(.042)	ND(.088)	ND(.081)	ND(.120)	ND(.093)	ND(.110)
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Total PCBs										

Refer to Table IV for Notes

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	DW2-PE1	DW3-PE1	DWP-PE1	DWP-PE2	CSA-1A	CSA-2A	CSA-2B
Sample Depth				2.5-3 ft. bg.	2.5-3 ft. bg.	2-2.5 ft. bg.	2-2.5 ft. bg.	5-5.5 ft. bg.	6-8 ft. bg.	8-9 ft. bg.
Sample Date				1/24/1995	1/24/1995	1/25/1995	1/25/1995	1/27/1995	1/27/1995	1/27/1995
Sample Area				N	N	N	N			
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Volatile Organic Compounds (mg/kg)										
Analytical Dilution								1		
Chloromethane	NA	NA	NA	--	--	--	--	--	--	--
Bromomethane	NA	NA	NA	--	--	--	--	--	--	--
Vinyl Chloride	0.2	NA	NA	--	--	--	--	--	--	--
Chloroethane	1.9	NA	NA	--	--	--	--	--	--	--
Methylene Chloride	0.1	NA	NA	--	--	--	--	--	--	--
Acetone	0.2	NA	NA	--	--	--	--	--	--	--
Carbon Disulfide	2.7	NA	NA	--	--	--	--	--	--	--
1,1-Dichloroethene	0.4	NA	NA	--	--	--	--	--	--	--
1,1-Dichloroethane	0.2	NA	NA	--	--	--	--	--	--	--
1,2-Dichloroethene (total)	0.3	NA	NA	--	--	--	--	--	--	--
Chloroform	0.3	NA	NA	--	--	--	--	--	--	--
1,2-Dichloroethane	0.2	NA	NA	--	--	--	--	--	--	--
2-Butanone	0.3	NA	NA	--	--	--	--	--	--	--
1,1,1-Trichloroethane	0.8	NA	NA	--	--	--	--	--	--	--
Carbon Tetrachloride	0.6	NA	NA	--	--	--	--	--	--	--
Bromodichloromethane	NA	NA	NA	--	--	--	--	--	--	--
1,2,-Dichloropropane	NA	NA	NA	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	NA	NA	NA	--	--	--	--	--	--	--
Trichloroethene	0.7	NA	NA	--	--	--	--	--	--	--
Dibromochloromethane	NA	NA	NA	--	--	--	--	--	--	--
1,1,2-Trichloroethane	NA	NA	NA	--	--	--	--	--	--	--
Benzene	0.06	NA	NA	--	--	--	--	--	--	--
trans-1,3-Dichloropropene	NA	NA	NA	--	--	--	--	--	--	--
Bromoform	NA	NA	NA	--	--	--	--	--	--	--
4-Methyl-2-Pentanone	1	NA	NA	--	--	--	--	--	--	--
2-Hexanone	NA	NA	NA	--	--	--	--	--	--	--
Tetrachloroethene	1.4	NA	NA	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	0.6	NA	NA	--	--	--	--	--	--	--
Toluene	1.5	NA	NA	--	--	--	--	0.2 J	--	--
Chlorobenzene	1.7	NA	NA	--	--	--	--	--	--	--
Ethylbenzene	5.5	NA	NA	--	--	--	--	--	--	--
Styrene	NA	NA	NA	--	--	--	--	--	--	--
Xylenes (total)	1.2	NA	NA	--	--	--	--	--	--	--
Total Confident Conc. VOAs	10	NA	NA					31300 J	--	--
Total Estimated Conc. VOA TICs									--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	DW2-PE1	DW3-PE1	DWP-PE1	DWP-PE2	CSA-1A	CSA-2A	CSA-2B
Sample Depth				2.5-3 ft. bg.	2.5-3 ft. bg.	2-2.5 ft. bg.	2-2.5 ft. bg.	5-5.5 ft. bg.	6-8 ft. bg.	8-9 ft. bg.
Sample Date				1/24/1995	1/24/1995	1/25/1995	1/25/1995	1/27/1995	1/27/1995	1/27/1995
Sample Area				N	N	N	N			
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Semi-Volatile Organic Compounds (mg/kg)										
Analytical Dilution								1		
Phenol	0.03 or MDL	NA	NA	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	50	NA	NA	--	--	--	--	--	--	--
2-Chlorophenol	0.8	NA	NA	--	--	--	--	--	--	--
1,3-Dichlorobenzene	50	NA	NA	--	--	--	--	--	--	--
1,4-Dichlorobenzene	50	NA	NA	--	--	--	--	--	--	--
1,2-Dichlorobenzene	50	NA	NA	--	--	--	--	--	--	--
2-Methylphenol	0.1 or MDL	NA	NA	--	--	--	--	--	--	--
2,2'-oxybis(1-Chloropropane)	50	NA	NA	--	--	--	--	--	--	--
4-Methylphenol	0.9	NA	NA	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	50	NA	NA	--	--	--	--	--	--	--
Hexachloroethane	50	NA	NA	--	--	--	--	--	--	--
Nitrobenzene	0.2 or MDL	NA	NA	--	--	--	--	--	--	--
Isophorone	4.4	NA	NA	--	--	--	--	--	--	--
2-Nitrophenol	0.33 or MDL	NA	NA	--	--	--	--	--	--	--
2,4-Dimethylphenol	50	NA	NA	--	--	--	--	--	--	--
bis(2-Chloroethoxy) Methane	50	NA	NA	--	--	--	--	--	--	--
2,4-Dichlorophenol	0.4	NA	NA	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	50	NA	NA	--	--	--	--	--	--	--
Napthalene	13	NA	ND-0.300 J	0.084 J	ND(.510)	0.280 J	0.120 J	--	--	--
4-Chloroaniline	0.22 or MDL	NA	NA	--	--	--	--	--	--	--
Hexachlorobutadiene	50	NA	NA	--	--	--	--	--	--	--
4-Chloro-3-methylphenol	0.24 or MDL	NA	NA	--	--	--	--	--	--	--
2-Methylnapthalene	36.4	NA	NT	ND(.550)	ND(.510)	0.52	ND(.500)	--	--	--
Hexachlorocyclopentadiene	50	NA	NA	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	50	NA	NA	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	0.1	NA	NA	--	--	--	--	--	--	--
2-Chloronaphthalene	50	NA	NA	--	--	--	--	--	--	--
2-Nitroaniline	0.43 or MDL	NA	NA	--	--	--	--	--	--	--
Dimethylphthalate	2	NA	NA	--	--	--	--	--	--	--
Acenaphthylene	41	NA	ND-0.190 J	0.084 J	0.060 J	2.8	0.410 J	--	--	--
2,6-Dinitrotoluene	1	NA	NA	--	--	--	--	--	--	--
3-Nitroaniline	0.5 or MDL	NA	NA	--	--	--	--	--	--	--
Acenaphthene	50	NA	ND-0.360 J	0.100 J	ND(.510)	3.8	0.130 J	--	--	--
2,4-Dinitrophenol	0.2 or MDL	NA	NA	--	--	--	--	--	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	DW2-PE1	DW3-PE1	DWP-PE1	DWP-PE2	CSA-1A	CSA-2A	CSA-2B
Sample Depth				2.5-3 ft. bg.	2.5-3 ft. bg.	2-2.5 ft. bg.	2-2.5 ft. bg.	5-5.5 ft. bg.	6-8 ft. bg.	8-9 ft. bg.
Sample Date				1/24/1995	1/24/1995	1/25/1995	1/25/1995	1/27/1995	1/27/1995	1/27/1995
Sample Area				N	N	N	N			
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
4-Nitrophenol	0.1 or MDL	NA	NA	--	--	--	--	--	--	--
Dibenzofuran	6.2	NA	NT	0.070 J	ND(.510)	2.4	0.076 J	--	--	--
2,4-Dinitrotoluene	50	NA	NA	--	--	--	--	--	--	--
Diethylphthalate	7.1	NA	NA	--	--	--	--	--	--	--
4-Chlorophenyl-phenylether	50	NA	NA	--	--	--	--	--	--	--
Fluorene	50	NA	ND-0.330 J	0.130 J	ND(.510)	4.2	0.018 J	--	--	--
4-Nitroaniline	50	NA	NA	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	50	NA	NA	--	--	--	--	--	--	--
N-Nitrosodiphenylamine (1)	50	NA	NA	--	--	--	--	--	--	--
4-Bromophenyl-phenylether	50	NA	NA	--	--	--	--	--	--	--
Hexachlorobenzene	0.41	NA	NA	--	--	--	--	--	--	--
Pentachlorophenol	1 or MDL	NA	NA	--	--	--	--	--	--	--
Phenanthrene	50	NA	0.030 J-2.700	1.10 J	0.099 J	39	2.20 J	--	--	--
Anthracene	50	NA	ND-0.740	0.260 J	0.053 J	9.80 J	0.62	--	--	--
Carbazole	50	NA	NT	0.140 J	ND(.510)	1.70 J	0.200 J	--	--	--
Di-n-butylphthalate	8.1	NA	NA	0.098 J	0.150 J	0.140 JB	0.120 JB	0.055 JB	--	--
Fluoranthene	50	NA	0.068 J-3.600	1.4	0.14 J	80	3.1	--	--	--
Pyrene	50	NA	0.057 J-3.500	1.4	0.220 J	64	3.3	--	--	--
Butylbenzylphthalate	50	NA	NA	ND(.550)	ND(.510)	ND(.440)	0.150 J	--	--	--
3-3'-Dichlorobenzidine	50	NA	NA	--	--	--	--	--	--	--
Benzo(a)anthracene	0.224 or MDL	NA	0.032 J-1.700	0.77	0.130 J	ND(.440)	1.5	--	--	--
Chrysene	0.4	NA	0.055 J-2.000	0.85	0.200 J	47	1.6	--	--	--
bis(2-Ethylhexyl)phthalate	50	NA	NT	0.260 J	0.075 J	1.3	2.4	--	--	--
Di-n-octylphthalate	50	NA	NA	--	--	--	--	--	--	--
Benzo(b)fluoranthene	1.1	NA	0.060-2.200	0.77	0.220 J	42	1.5	--	--	--
Benzo(k)fluoranthene	1.1	NA	0.020 J-0.820	0.460 J	0.150 J	39	2.1	--	--	--
Benzo(a)pyrene	0.061 or MDL	NA	0.30 J-1.600	0.61	0.140 J	36	1.3	--	--	--
Indeno(1,2,3-cd)pyrene	3.2	NA	0.013 J-0.660	0.190 J	0.076 J	15.0 J	0.360 J	--	--	--
Dibenz(a,h)anthracene	0.014 or MDL	NA	0.015 J-0.190	ND(.550)	ND(.510)	8.50 J	0.160 J	--	--	--
Benzo(g,h,i)Perylene	50	NA	0.013 J-0.600	0.160 J	0.074 J	14.0 J	0.380 J	--	--	--
Benzoic Acid	2.7	NA	NA	--	--	--	--	--	--	--
Total Confident Conc. SVOCs	500	NA	NA	5.8		362.02	17.4	--	--	--
Total Estimated Conc. SVOCs TICs			NT		14.5	10.4		4340 J	--	--
Metals (mg/kg)										
Aluminum	SB	33000	NA	6530	4500	8740	6840	--	--	--
Antimony	SB	NA	NA	ND(8.70)	ND(8.10)	15.6	ND(8.00)	--	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	DW2-PE1	DW3-PE1	DWP-PE1	DWP-PE2	CSA-1A	CSA-2A	CSA-2B
Sample Depth				2.5-3 ft. bg.	2.5-3 ft. bg.	2-2.5 ft. bg.	2-2.5 ft. bg.	5-5.5 ft. bg.	6-8 ft. bg.	8-9 ft. bg.
Sample Date				1/24/1995	1/24/1995	1/25/1995	1/25/1995	1/27/1995	1/27/1995	1/27/1995
Sample Area				N	N	N	N			
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Arsenic	7.5 or SB	3 - 12	3-12	21	43.7	17.5	21.4	19.6	42.4	3
Barium	300 or SB	15 - 600	NA	237	554	358	145	--	--	--
Beryllium	0.16 (HEAST) or SB	0 - 1.75	ND-1.75	0.69	0.66	0.81	0.6	--	--	--
Cadmium	1 or SB	0.1 - 1	0.1-1	2.5	2.7	2.9	5.7	--	--	--
Calcium	SB	130 - 35000	NA	5300	5120	21000	6650	--	--	--
Chromium	10 or SB	1.5 - 40	1.5-40	178	149	30.4	37.2	11.7	14.1	--
Cobalt	30 or SB	2.5 - 60	NA	8.6	5	7.8	12	--	--	--
Copper	25 or SB	1 - 50	1-50	313	766	104	163	--	--	--
Iron	2000 or SB	2000 - 550000	NA	46400	43900	16700	26300	--	--	--
Lead	SB	SB	200-500	343	390	194	441	--	--	--
Magnesium	SB	100 - 5000	NA	2100	1580	11200	2840	--	--	--
Manganese	SB	50 -5000	NA	347	241	375	301	--	--	--
Mercury	0.1	0.001 - 0.2	0.001-0.2	2.1	0.34	0.26	0.39	ND(.11)	ND(.14)	--
Nickel	13 or SB	0.5 - 25	0.5-25	30.8	17.9	25.7	45.2	--	--	--
Potassium	SB	8500 - 43000	NA	772	543	1910	859	--	--	--
Selenium	2 or SB	0.1 - 3.9	0.1-3.9	0.93	0.9	0.71	1	--	--	--
Silver	SB	NA	NA	ND(1.10)	ND(1.00)	ND(.92)	1.4 B	--	--	--
Sodium	SB	6000 - 8000	NA	164	131	260	149	--	--	--
Thallium	SB	NA	NA	ND(.20)	0.63	0.32	0.43	--	--	--
Vanadium	150 or SB	1 - 300	NA	28.4	22.7	21.6	40.3	--	--	--
Zinc	20 or SB	9 - 50	9-50	1060	1170	662	1500	--	--	--
Cyanide	NA	NA	NA	1.3	0.9	ND(.60)	ND(.75)	ND(.66)	ND(.61)	0.18 B
Hexavalent Chromium	NA	NA	NA	--	--	ND(.53)	ND(.60)	ND(.46)	ND(.56)	ND(.56)
pH (Standard Units)				--	--	--	--	--	--	--
Pesticides (mg/kg)										
Analytical Dilution										
alpha BHC	0.11	NA	NA	--	--	--	--	--	--	--
beta BHC	0.2	NA	NA	--	--	--	--	--	--	--
delta BHC	0.3	NA	NA	--	--	--	--	--	--	--
gamma BHC	0.06	NA	NA	--	--	--	--	--	--	--
Heptachlor	0.1	NA	NA	--	--	--	--	--	--	--
Aldrin	0.041	NA	NA	--	--	--	--	--	--	--
Heptachlor epoxide	0.02	NA	NA	--	--	--	--	--	--	--
Endosulfan I	0.9	NA	NA	--	--	--	--	--	--	--
Dieldrin	0.044	NA	NA	--	--	--	--	--	--	--
4,4'-DDE	2.1	NA	NA	--	--	--	--	--	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	DW2-PE1	DW3-PE1	DWP-PE1	DWP-PE2	CSA-1A	CSA-2A	CSA-2B
Sample Depth				2.5-3 ft. bg.	2.5-3 ft. bg.	2-2.5 ft. bg.	2-2.5 ft. bg.	5-5.5 ft. bg.	6-8 ft. bg.	8-9 ft. bg.
Sample Date				1/24/1995	1/24/1995	1/25/1995	1/25/1995	1/27/1995	1/27/1995	1/27/1995
Sample Area				N	N	N	N			
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Endrin	0.1	NA	NA	--	--	--	--	--	--	--
Endosulfan II	0.9	NA	NA	--	--	--	--	--	--	--
4,4'-DDD	2.9	NA	NA	--	--	--	--	--	--	--
Endosulfan sulfate	1	NA	NA	--	--	--	--	--	--	--
4,4'-DDT	2.1	NA	NA	--	--	--	--	--	--	--
Methoxychlor	10	NA	NA	--	--	--	--	--	--	--
Endrin ketone	NA	NA	NA	--	--	--	--	--	--	--
Endrin Aldehyde	NA	NA	NA	--	--	--	--	--	--	--
alpha-Chlordane	0.54	NA	NA	--	--	--	--	--	--	--
gamma-Chlordane	0.54	NA	NA	--	--	--	--	--	--	--
Toxaphene	NA	NA	NA	--	--	--	--	--	--	--
PCBs (mg/kg)										
Analytical Dilution				1	1	1	1	1		
Aroclor-1016	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1221	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1232	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1242	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1248	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1254	1 (surface)	NA	NA	0.049 J	ND(.051)	ND(.044)	ND(.050)	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1260	1 (surface)	NA	NA	ND(.055)	ND(.051)	0.2	0.21	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Total PCBs								13		

Refer to Table IV for Notes

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CSA-3A	CSA-3B	CSA-8A	CSA-8B	CSA-8C	CSA-8D	CSA-8E
Sample Depth				6-8 ft. bg.	7-7.5 ft. bg.	1-3 ft. bg.	3-5 ft. bg.	5-7 ft. bg.	7-9 ft. bg.	9-11 ft. bg.
Sample Date				1/27/1995	1/27/1995	1/27/1995	1/27/1995	1/27/1995	1/27/1995	1/27/1995
Sample Area						L	L	L	L	L
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Volatile Organic Compounds (mg/kg)										
Analytical Dilution										
Chloromethane	NA	NA	NA	--	--	--	--	--	--	--
Bromomethane	NA	NA	NA	--	--	--	--	--	--	--
Vinyl Chloride	0.2	NA	NA	--	--	--	--	--	--	--
Chloroethane	1.9	NA	NA	--	--	--	--	--	--	--
Methylene Chloride	0.1	NA	NA	--	--	--	--	--	--	--
Acetone	0.2	NA	NA	--	--	--	--	--	--	--
Carbon Disulfide	2.7	NA	NA	--	--	--	--	--	--	--
1,1-Dichloroethene	0.4	NA	NA	--	--	--	--	--	--	--
1,1-Dichloroethane	0.2	NA	NA	--	--	--	--	--	--	--
1,2-Dichloroethene (total)	0.3	NA	NA	--	--	--	--	--	--	--
Chloroform	0.3	NA	NA	--	--	--	--	--	--	--
1,2-Dichloroethane	0.2	NA	NA	--	--	--	--	--	--	--
2-Butanone	0.3	NA	NA	--	--	--	--	--	--	--
1,1,1-Trichloroethane	0.8	NA	NA	--	--	--	--	--	--	--
Carbon Tetrachloride	0.6	NA	NA	--	--	--	--	--	--	--
Bromodichloromethane	NA	NA	NA	--	--	--	--	--	--	--
1,2,-Dichloropropane	NA	NA	NA	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	NA	NA	NA	--	--	--	--	--	--	--
Trichloroethene	0.7	NA	NA	--	--	--	--	--	--	--
Dibromochloromethane	NA	NA	NA	--	--	--	--	--	--	--
1,1,2-Trichloroethane	NA	NA	NA	--	--	--	--	--	--	--
Benzene	0.06	NA	NA	--	--	--	--	--	--	--
trans-1,3-Dichloropropene	NA	NA	NA	--	--	--	--	--	--	--
Bromoform	NA	NA	NA	--	--	--	--	--	--	--
4-Methyl-2-Pentanone	1	NA	NA	--	--	--	--	--	--	--
2-Hexanone	NA	NA	NA	--	--	--	--	--	--	--
Tetrachloroethene	1.4	NA	NA	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	0.6	NA	NA	--	--	--	--	--	--	--
Toluene	1.5	NA	NA	--	--	--	--	--	--	--
Chlorobenzene	1.7	NA	NA	--	--	--	--	--	--	--
Ethylbenzene	5.5	NA	NA	--	--	--	--	--	--	--
Styrene	NA	NA	NA	--	--	--	--	--	--	--
Xylenes (total)	1.2	NA	NA	--	--	--	--	--	--	--
Total Confident Conc. VOAs	10	NA	NA	--	--	--	--	--	--	--
Total Estimated Conc. VOA TICs				--	--	--	--	--	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CSA-3A	CSA-3B	CSA-8A	CSA-8B	CSA-8C	CSA-8D	CSA-8E
Sample Depth				6-8 ft. bg.	7-7.5 ft. bg.	1-3 ft. bg.	3-5 ft. bg.	5-7 ft. bg.	7-9 ft. bg.	9-11 ft. bg.
Sample Date				1/27/1995	1/27/1995	1/27/1995	1/27/1995	1/27/1995	1/27/1995	1/27/1995
Sample Area						L	L	L	L	L
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Semi-Volatile Organic Compounds (mg/kg)										
Analytical Dilution										
Phenol	0.03 or MDL	NA	NA	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	50	NA	NA	--	--	--	--	--	--	--
2-Chlorophenol	0.8	NA	NA	--	--	--	--	--	--	--
1,3-Dichlorobenzene	50	NA	NA	--	--	--	--	--	--	--
1,4-Dichlorobenzene	50	NA	NA	--	--	--	--	--	--	--
1,2-Dichlorobenzene	50	NA	NA	--	--	--	--	--	--	--
2-Methylphenol	0.1 or MDL	NA	NA	--	--	--	--	--	--	--
2,2'-oxybis(1-Chloropropane)	50	NA	NA	--	--	--	--	--	--	--
4-Methylphenol	0.9	NA	NA	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	50	NA	NA	--	--	--	--	--	--	--
Hexachloroethane	50	NA	NA	--	--	--	--	--	--	--
Nitrobenzene	0.2 or MDL	NA	NA	--	--	--	--	--	--	--
Isophorone	4.4	NA	NA	--	--	--	--	--	--	--
2-Nitrophenol	0.33 or MDL	NA	NA	--	--	--	--	--	--	--
2,4-Dimethylphenol	50	NA	NA	--	--	--	--	--	--	--
bis(2-Chloroethoxy) Methane	50	NA	NA	--	--	--	--	--	--	--
2,4-Dichlorophenol	0.4	NA	NA	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	50	NA	NA	--	--	--	--	--	--	--
Napthalene	13	NA	ND-0.300 J	--	--	--	--	--	--	--
4-Chloroaniline	0.22 or MDL	NA	NA	--	--	--	--	--	--	--
Hexachlorobutadiene	50	NA	NA	--	--	--	--	--	--	--
4-Chloro-3-methylphenol	0.24 or MDL	NA	NA	--	--	--	--	--	--	--
2-Methylnapthalene	36.4	NA	NT	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	50	NA	NA	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	50	NA	NA	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	0.1	NA	NA	--	--	--	--	--	--	--
2-Chloronaphthalene	50	NA	NA	--	--	--	--	--	--	--
2-Nitroaniline	0.43 or MDL	NA	NA	--	--	--	--	--	--	--
Dimethylphthalate	2	NA	NA	--	--	--	--	--	--	--
Acenaphthylene	41	NA	ND-0.190 J	--	--	--	--	--	--	--
2,6-Dinitrotoluene	1	NA	NA	--	--	--	--	--	--	--
3-Nitroaniline	0.5 or MDL	NA	NA	--	--	--	--	--	--	--
Acenaphthene	50	NA	ND-0.360 J	--	--	--	--	--	--	--
2,4-Dinitrophenol	0.2 or MDL	NA	NA	--	--	--	--	--	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CSA-3A	CSA-3B	CSA-8A	CSA-8B	CSA-8C	CSA-8D	CSA-8E
Sample Depth				6-8 ft. bg.	7-7.5 ft. bg.	1-3 ft. bg.	3-5 ft. bg.	5-7 ft. bg.	7-9 ft. bg.	9-11 ft. bg.
Sample Date				1/27/1995	1/27/1995	1/27/1995	1/27/1995	1/27/1995	1/27/1995	1/27/1995
Sample Area						L	L	L	L	L
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
4-Nitrophenol	0.1 or MDL	NA	NA	--	--	--	--	--	--	--
Dibenzofuran	6.2	NA	NT	--	--	--	--	--	--	--
2,4-Dinitrotoluene	50	NA	NA	--	--	--	--	--	--	--
Diethylphthalate	7.1	NA	NA	--	--	--	--	--	--	--
4-Chlorophenyl-phenylether	50	NA	NA	--	--	--	--	--	--	--
Fluorene	50	NA	ND-0.330 J	--	--	--	--	--	--	--
4-Nitroaniline	50	NA	NA	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	50	NA	NA	--	--	--	--	--	--	--
N-Nitrosodiphenylamine (1)	50	NA	NA	--	--	--	--	--	--	--
4-Bromophenyl-phenylether	50	NA	NA	--	--	--	--	--	--	--
Hexachlorobenzene	0.41	NA	NA	--	--	--	--	--	--	--
Pentachlorophenol	1 or MDL	NA	NA	--	--	--	--	--	--	--
Phenanthrene	50	NA	0.030 J-2.700	--	--	--	--	--	--	--
Anthracene	50	NA	ND-0.740	--	--	--	--	--	--	--
Carbazole	50	NA	NT	--	--	--	--	--	--	--
Di-n-butylphthalate	8.1	NA	NA	--	--	--	--	--	--	--
Fluoranthene	50	NA	0.068 J-3.600	--	--	--	--	--	--	--
Pyrene	50	NA	0.057 J-3.500	--	--	--	--	--	--	--
Butylbenzylphthalate	50	NA	NA	--	--	--	--	--	--	--
3-3'-Dichlorobenzidine	50	NA	NA	--	--	--	--	--	--	--
Benzo(a)anthracene	0.224 or MDL	NA	0.032 J-1.700	--	--	--	--	--	--	--
Chrysene	0.4	NA	0.055 J-2.000	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	50	NA	NT	--	--	--	--	--	--	--
Di-n-octylphthalate	50	NA	NA	--	--	--	--	--	--	--
Benzo(b)fluoranthene	1.1	NA	0.060-2.200	--	--	--	--	--	--	--
Benzo(k)fluoranthene	1.1	NA	0.020 J-0.820	--	--	--	--	--	--	--
Benzo(a)pyrene	0.061 or MDL	NA	0.30 J-1.600	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	3.2	NA	0.013 J-0.660	--	--	--	--	--	--	--
Dibenz(a,h)anthracene	0.014 or MDL	NA	0.015 J-0.190	--	--	--	--	--	--	--
Benzo(g,h,i)Perylene	50	NA	0.013 J-0.600	--	--	--	--	--	--	--
Benzoic Acid	2.7	NA	NA	--	--	--	--	--	--	--
Total Confident Conc. SVOCs	500	NA	NA	--	--	--	--	--	--	--
Total Estimated Conc. SVOCs TICs			NT	--	--	--	--	--	--	--
Metals (mg/kg)										
Aluminum	SB	33000	NA	--	--	--	--	--	--	--
Antimony	SB	NA	NA	--	--	--	--	--	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CSA-3A	CSA-3B	CSA-8A	CSA-8B	CSA-8C	CSA-8D	CSA-8E
Sample Depth				6-8 ft. bg.	7-7.5 ft. bg.	1-3 ft. bg.	3-5 ft. bg.	5-7 ft. bg.	7-9 ft. bg.	9-11 ft. bg.
Sample Date				1/27/1995	1/27/1995	1/27/1995	1/27/1995	1/27/1995	1/27/1995	1/27/1995
Sample Area						L	L	L	L	L
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Arsenic	7.5 or SB	3 - 12	3-12	13.2	6.9	8.6	--	--	--	--
Barium	300 or SB	15 - 600	NA	--	--	--	--	--	--	--
Beryllium	0.16 (HEAST) or SB	0 - 1.75	ND-1.75	--	--	--	--	--	--	--
Cadmium	1 or SB	0.1 - 1	0.1-1	--	--	--	--	--	--	--
Calcium	SB	130 - 35000	NA	--	--	--	--	--	--	--
Chromium	10 or SB	1.5 - 40	1.5-40	10.6	--	23.5	10.8	--	--	--
Cobalt	30 or SB	2.5 - 60	NA	--	--	--	--	--	--	--
Copper	25 or SB	1 - 50	1-50	--	--	--	--	--	--	--
Iron	2000 or SB	2000 - 550000	NA	--	--	--	--	--	--	--
Lead	SB	SB	200-500	--	--	--	--	--	--	--
Magnesium	SB	100 - 5000	NA	--	--	--	--	--	--	--
Manganese	SB	50 -5000	NA	--	--	--	--	--	--	--
Mercury	0.1	0.001 - 0.2	0.001-0.2	ND(.13)	--	ND(.12)	--	--	--	--
Nickel	13 or SB	0.5 - 25	0.5-25	--	--	--	--	--	--	--
Potassium	SB	8500 - 43000	NA	--	--	--	--	--	--	--
Selenium	2 or SB	0.1 - 3.9	0.1-3.9	--	--	--	--	--	--	--
Silver	SB	NA	NA	--	--	--	--	--	--	--
Sodium	SB	6000 - 8000	NA	--	--	--	--	--	--	--
Thallium	SB	NA	NA	--	--	--	--	--	--	--
Vanadium	150 or SB	1 - 300	NA	--	--	--	--	--	--	--
Zinc	20 or SB	9 - 50	9-50	--	--	--	--	--	--	--
Cyanide	NA	NA	NA	ND(.68)	0.25 B	ND(.62)	ND(.15)	--	--	--
Hexavalent Chromium	NA	NA	NA	ND(.50)	ND(.51)	ND(.50)	1.2	1.3	1.1	1.1
pH (Standard Units)				--	--	--	--	--	--	--
Pesticides (mg/kg)										
Analytical Dilution										
alpha BHC	0.11	NA	NA	--	--	--	--	--	--	--
beta BHC	0.2	NA	NA	--	--	--	--	--	--	--
delta BHC	0.3	NA	NA	--	--	--	--	--	--	--
gamma BHC	0.06	NA	NA	--	--	--	--	--	--	--
Heptachlor	0.1	NA	NA	--	--	--	--	--	--	--
Aldrin	0.041	NA	NA	--	--	--	--	--	--	--
Heptachlor epoxide	0.02	NA	NA	--	--	--	--	--	--	--
Endosulfan I	0.9	NA	NA	--	--	--	--	--	--	--
Dieldrin	0.044	NA	NA	--	--	--	--	--	--	--
4,4'-DDE	2.1	NA	NA	--	--	--	--	--	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CSA-3A	CSA-3B	CSA-8A	CSA-8B	CSA-8C	CSA-8D	CSA-8E
Sample Depth				6-8 ft. bg.	7-7.5 ft. bg.	1-3 ft. bg.	3-5 ft. bg.	5-7 ft. bg.	7-9 ft. bg.	9-11 ft. bg.
Sample Date				1/27/1995	1/27/1995	1/27/1995	1/27/1995	1/27/1995	1/27/1995	1/27/1995
Sample Area						L	L	L	L	L
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Endrin	0.1	NA	NA	--	--	--	--	--	--	--
Endosulfan II	0.9	NA	NA	--	--	--	--	--	--	--
4,4'-DDD	2.9	NA	NA	--	--	--	--	--	--	--
Endosulfan sulfate	1	NA	NA	--	--	--	--	--	--	--
4,4'-DDT	2.1	NA	NA	--	--	--	--	--	--	--
Methoxychlor	10	NA	NA	--	--	--	--	--	--	--
Endrin ketone	NA	NA	NA	--	--	--	--	--	--	--
Endrin Aldehyde	NA	NA	NA	--	--	--	--	--	--	--
alpha-Chlordane	0.54	NA	NA	--	--	--	--	--	--	--
gamma-Chlordane	0.54	NA	NA	--	--	--	--	--	--	--
Toxaphene	NA	NA	NA	--	--	--	--	--	--	--
PCBs (mg/kg)										
Analytical Dilution										
Aroclor-1016	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1221	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1232	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1242	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1248	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1254	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1260	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Total PCBs										

Refer to Table IV for Notes

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CSA-8F	CSA-10B	CSA-15A	CSA-15B	CSA-16A	CSA-16B	CSA-16C
Sample Depth				11-12 ft. bg.	4-4.5 ft. bg.	7-9 ft. bg.	9-10 ft. bg.	2-2.5 ft. bg.	4-4.5 ft. bg.	5-5.5 ft. bg.
Sample Date				1/27/1995	1/30/1995	1/30/1995	1/30/1995	1/30/1995	1/30/1995	1/30/1995
Sample Area				L						
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Volatile Organic Compounds (mg/kg)										
Analytical Dilution										
Chloromethane	NA	NA	NA	--	--	--	--	--	--	--
Bromomethane	NA	NA	NA	--	--	--	--	--	--	--
Vinyl Chloride	0.2	NA	NA	--	--	--	--	--	--	--
Chloroethane	1.9	NA	NA	--	--	--	--	--	--	--
Methylene Chloride	0.1	NA	NA	--	--	--	--	--	--	--
Acetone	0.2	NA	NA	--	--	--	--	--	--	--
Carbon Disulfide	2.7	NA	NA	--	--	--	--	--	--	--
1,1-Dichloroethene	0.4	NA	NA	--	--	--	--	--	--	--
1,1-Dichloroethane	0.2	NA	NA	--	--	--	--	--	--	--
1,2-Dichloroethene (total)	0.3	NA	NA	--	--	--	--	--	--	--
Chloroform	0.3	NA	NA	--	--	--	--	--	--	--
1,2-Dichloroethane	0.2	NA	NA	--	--	--	--	--	--	--
2-Butanone	0.3	NA	NA	--	--	--	--	--	--	--
1,1,1-Trichloroethane	0.8	NA	NA	--	--	--	--	--	--	--
Carbon Tetrachloride	0.6	NA	NA	--	--	--	--	--	--	--
Bromodichloromethane	NA	NA	NA	--	--	--	--	--	--	--
1,2,-Dichloropropane	NA	NA	NA	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	NA	NA	NA	--	--	--	--	--	--	--
Trichloroethene	0.7	NA	NA	--	--	--	--	--	--	--
Dibromochloromethane	NA	NA	NA	--	--	--	--	--	--	--
1,1,2-Trichloroethane	NA	NA	NA	--	--	--	--	--	--	--
Benzene	0.06	NA	NA	--	--	--	--	--	--	--
trans-1,3-Dichloropropene	NA	NA	NA	--	--	--	--	--	--	--
Bromoform	NA	NA	NA	--	--	--	--	--	--	--
4-Methyl-2-Pentanone	1	NA	NA	--	--	--	--	--	--	--
2-Hexanone	NA	NA	NA	--	--	--	--	--	--	--
Tetrachloroethene	1.4	NA	NA	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	0.6	NA	NA	--	--	--	--	--	--	--
Toluene	1.5	NA	NA	--	--	--	--	--	--	--
Chlorobenzene	1.7	NA	NA	--	--	--	--	--	--	--
Ethylbenzene	5.5	NA	NA	--	--	--	--	--	--	--
Styrene	NA	NA	NA	--	--	--	--	--	--	--
Xylenes (total)	1.2	NA	NA	--	--	--	--	--	--	--
Total Confident Conc. VOAs	10	NA	NA	--	--	--	--	--	--	--
Total Estimated Conc. VOA TICs				--	--	--	--	--	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CSA-8F	CSA-10B	CSA-15A	CSA-15B	CSA-16A	CSA-16B	CSA-16C
Sample Depth				11-12 ft. bg.	4-4.5 ft. bg.	7-9 ft. bg.	9-10 ft. bg.	2-2.5 ft. bg.	4-4.5 ft. bg.	5-5.5 ft. bg.
Sample Date				1/27/1995	1/30/1995	1/30/1995	1/30/1995	1/30/1995	1/30/1995	1/30/1995
Sample Area				L						
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Semi-Volatile Organic Compounds (mg/kg)										
Analytical Dilution										
Phenol	0.03 or MDL	NA	NA	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	50	NA	NA	--	--	--	--	--	--	--
2-Chlorophenol	0.8	NA	NA	--	--	--	--	--	--	--
1,3-Dichlorobenzene	50	NA	NA	--	--	--	--	--	--	--
1,4-Dichlorobenzene	50	NA	NA	--	--	--	--	--	--	--
1,2-Dichlorobenzene	50	NA	NA	--	--	--	--	--	--	--
2-Methylphenol	0.1 or MDL	NA	NA	--	--	--	--	--	--	--
2,2'-oxybis(1-Chloropropane)	50	NA	NA	--	--	--	--	--	--	--
4-Methylphenol	0.9	NA	NA	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	50	NA	NA	--	--	--	--	--	--	--
Hexachloroethane	50	NA	NA	--	--	--	--	--	--	--
Nitrobenzene	0.2 or MDL	NA	NA	--	--	--	--	--	--	--
Isophorone	4.4	NA	NA	--	--	--	--	--	--	--
2-Nitrophenol	0.33 or MDL	NA	NA	--	--	--	--	--	--	--
2,4-Dimethylphenol	50	NA	NA	--	--	--	--	--	--	--
bis(2-Chloroethoxy) Methane	50	NA	NA	--	--	--	--	--	--	--
2,4-Dichlorophenol	0.4	NA	NA	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	50	NA	NA	--	--	--	--	--	--	--
Napthalene	13	NA	ND-0.300 J	--	--	--	--	--	--	--
4-Chloroaniline	0.22 or MDL	NA	NA	--	--	--	--	--	--	--
Hexachlorobutadiene	50	NA	NA	--	--	--	--	--	--	--
4-Chloro-3-methylphenol	0.24 or MDL	NA	NA	--	--	--	--	--	--	--
2-Methylnapthalene	36.4	NA	NT	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	50	NA	NA	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	50	NA	NA	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	0.1	NA	NA	--	--	--	--	--	--	--
2-Chloronaphthalene	50	NA	NA	--	--	--	--	--	--	--
2-Nitroaniline	0.43 or MDL	NA	NA	--	--	--	--	--	--	--
Dimethylphthalate	2	NA	NA	--	--	--	--	--	--	--
Acenaphthylene	41	NA	ND-0.190 J	--	--	--	--	--	--	--
2,6-Dinitrotoluene	1	NA	NA	--	--	--	--	--	--	--
3-Nitroaniline	0.5 or MDL	NA	NA	--	--	--	--	--	--	--
Acenaphthene	50	NA	ND-0.360 J	--	--	--	--	--	--	--
2,4-Dinitrophenol	0.2 or MDL	NA	NA	--	--	--	--	--	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CSA-8F	CSA-10B	CSA-15A	CSA-15B	CSA-16A	CSA-16B	CSA-16C
Sample Depth				11-12 ft. bg.	4-4.5 ft. bg.	7-9 ft. bg.	9-10 ft. bg.	2-2.5 ft. bg.	4-4.5 ft. bg.	5-5.5 ft. bg.
Sample Date				1/27/1995	1/30/1995	1/30/1995	1/30/1995	1/30/1995	1/30/1995	1/30/1995
Sample Area				L						
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
4-Nitrophenol	0.1 or MDL	NA	NA	--	--	--	--	--	--	--
Dibenzofuran	6.2	NA	NT	--	--	--	--	--	--	--
2,4-Dinitrotoluene	50	NA	NA	--	--	--	--	--	--	--
Diethylphthalate	7.1	NA	NA	--	--	--	--	--	--	--
4-Chlorophenyl-phenylether	50	NA	NA	--	--	--	--	--	--	--
Fluorene	50	NA	ND-0.330 J	--	--	--	--	--	--	--
4-Nitroaniline	50	NA	NA	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	50	NA	NA	--	--	--	--	--	--	--
N-Nitrosodiphenylamine (1)	50	NA	NA	--	--	--	--	--	--	--
4-Bromophenyl-phenylether	50	NA	NA	--	--	--	--	--	--	--
Hexachlorobenzene	0.41	NA	NA	--	--	--	--	--	--	--
Pentachlorophenol	1 or MDL	NA	NA	--	--	--	--	--	--	--
Phenanthrene	50	NA	0.030 J-2.700	--	--	--	--	--	--	--
Anthracene	50	NA	ND-0.740	--	--	--	--	--	--	--
Carbazole	50	NA	NT	--	--	--	--	--	--	--
Di-n-butylphthalate	8.1	NA	NA	--	--	--	--	--	--	--
Fluoranthene	50	NA	0.068 J-3.600	--	--	--	--	--	--	--
Pyrene	50	NA	0.057 J-3.500	--	--	--	--	--	--	--
Butylbenzylphthalate	50	NA	NA	--	--	--	--	--	--	--
3-3'-Dichlorobenzidine	50	NA	NA	--	--	--	--	--	--	--
Benzo(a)anthracene	0.224 or MDL	NA	0.032 J-1.700	--	--	--	--	--	--	--
Chrysene	0.4	NA	0.055 J-2.000	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	50	NA	NT	--	--	--	--	--	--	--
Di-n-octylphthalate	50	NA	NA	--	--	--	--	--	--	--
Benzo(b)fluoranthene	1.1	NA	0.060-2.200	--	--	--	--	--	--	--
Benzo(k)fluoranthene	1.1	NA	0.020 J-0.820	--	--	--	--	--	--	--
Benzo(a)pyrene	0.061 or MDL	NA	0.30 J-1.600	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	3.2	NA	0.013 J-0.660	--	--	--	--	--	--	--
Dibenz(a,h)anthracene	0.014 or MDL	NA	0.015 J-0.190	--	--	--	--	--	--	--
Benzo(g,h,i)Perylene	50	NA	0.013 J-0.600	--	--	--	--	--	--	--
Benzoic Acid	2.7	NA	NA	--	--	--	--	--	--	--
Total Confident Conc. SVOCs	500	NA	NA	--	--	--	--	--	--	--
Total Estimated Conc. SVOCs TICs			NT	--	--	--	--	--	--	--
Metals (mg/kg)										
Aluminum	SB	33000	NA	--	--	--	--	--	--	--
Antimony	SB	NA	NA	--	--	--	--	--	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CSA-8F	CSA-10B	CSA-15A	CSA-15B	CSA-16A	CSA-16B	CSA-16C
Sample Depth				11-12 ft. bg.	4-4.5 ft. bg.	7-9 ft. bg.	9-10 ft. bg.	2-2.5 ft. bg.	4-4.5 ft. bg.	5-5.5 ft. bg.
Sample Date				1/27/1995	1/30/1995	1/30/1995	1/30/1995	1/30/1995	1/30/1995	1/30/1995
Sample Area				L						
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Arsenic	7.5 or SB	3 - 12	3-12	--	--	12.6	8.2	7.6	--	--
Barium	300 or SB	15 - 600	NA	--	--	--	--	--	--	--
Beryllium	0.16 (HEAST) or SB	0 - 1.75	ND-1.75	--	--	--	--	--	--	--
Cadmium	1 or SB	0.1 - 1	0.1-1	--	--	--	--	--	--	--
Calcium	SB	130 - 35000	NA	--	--	--	--	--	--	--
Chromium	10 or SB	1.5 - 40	1.5-40	--	--	55.8	14.7	13.1	--	--
Cobalt	30 or SB	2.5 - 60	NA	--	--	--	--	--	--	--
Copper	25 or SB	1 - 50	1-50	--	--	--	--	--	--	--
Iron	2000 or SB	2000 - 550000	NA	--	--	--	--	--	--	--
Lead	SB	SB	200-500	--	--	--	--	--	--	--
Magnesium	SB	100 - 5000	NA	--	--	--	--	--	--	--
Manganese	SB	50 -5000	NA	--	--	--	--	--	--	--
Mercury	0.1	0.001 - 0.2	0.001-0.2	--	--	0.27	ND(.12)	0.2	ND(.11)	--
Nickel	13 or SB	0.5 - 25	0.5-25	--	--	--	--	--	--	--
Potassium	SB	8500 - 43000	NA	--	--	--	--	--	--	--
Selenium	2 or SB	0.1 - 3.9	0.1-3.9	--	--	--	--	--	--	--
Silver	SB	NA	NA	--	--	--	--	--	--	--
Sodium	SB	6000 - 8000	NA	--	--	--	--	--	--	--
Thallium	SB	NA	NA	--	--	--	--	--	--	--
Vanadium	150 or SB	1 - 300	NA	--	--	--	--	--	--	--
Zinc	20 or SB	9 - 50	9-50	--	--	--	--	--	--	--
Cyanide	NA	NA	NA	--	--	ND(.720)	ND(.160)	ND(.560)	ND(.140)	--
Hexavalent Chromium	NA	NA	NA	ND(.50)	--	ND(.60)	0.57	ND(.45)	ND(.43)	ND(.43)
pH (Standard Units)				--	--	--	--	--	--	--
Pesticides (mg/kg)										
Analytical Dilution										
alpha BHC	0.11	NA	NA	--	--	--	--	--	--	--
beta BHC	0.2	NA	NA	--	--	--	--	--	--	--
delta BHC	0.3	NA	NA	--	--	--	--	--	--	--
gamma BHC	0.06	NA	NA	--	--	--	--	--	--	--
Heptachlor	0.1	NA	NA	--	--	--	--	--	--	--
Aldrin	0.041	NA	NA	--	--	--	--	--	--	--
Heptachlor epoxide	0.02	NA	NA	--	--	--	--	--	--	--
Endosulfan I	0.9	NA	NA	--	--	--	--	--	--	--
Dieldrin	0.044	NA	NA	--	--	--	--	--	--	--
4,4'-DDE	2.1	NA	NA	--	--	--	--	--	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CSA-8F	CSA-10B	CSA-15A	CSA-15B	CSA-16A	CSA-16B	CSA-16C
Sample Depth				11-12 ft. bg.	4-4.5 ft. bg.	7-9 ft. bg.	9-10 ft. bg.	2-2.5 ft. bg.	4-4.5 ft. bg.	5-5.5 ft. bg.
Sample Date				1/27/1995	1/30/1995	1/30/1995	1/30/1995	1/30/1995	1/30/1995	1/30/1995
Sample Area				L						
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Endrin	0.1	NA	NA	--	--	--	--	--	--	--
Endosulfan II	0.9	NA	NA	--	--	--	--	--	--	--
4,4'-DDD	2.9	NA	NA	--	--	--	--	--	--	--
Endosulfan sulfate	1	NA	NA	--	--	--	--	--	--	--
4,4'-DDT	2.1	NA	NA	--	--	--	--	--	--	--
Methoxychlor	10	NA	NA	--	--	--	--	--	--	--
Endrin ketone	NA	NA	NA	--	--	--	--	--	--	--
Endrin Aldehyde	NA	NA	NA	--	--	--	--	--	--	--
alpha-Chlordane	0.54	NA	NA	--	--	--	--	--	--	--
gamma-Chlordane	0.54	NA	NA	--	--	--	--	--	--	--
Toxaphene	NA	NA	NA	--	--	--	--	--	--	--
PCBs (mg/kg)										
Analytical Dilution										
Aroclor-1016	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1221	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1232	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1242	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1248	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1254	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1260	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Total PCBs										

Refer to Table IV for Notes

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CSA-17A	CSA-18A	CSA-19A	CSA-20A	CSA-21A	CSA-21B	CSA-21C
Sample Depth				10-10.5 ft. bg.	9-10 ft. bg.	9-10 ft. bg.	10-10.5 ft. bg.	3-5 ft. bg.	5-7 ft. bg.	7-9 ft. bg.
Sample Date				1/31/1995	1/31/1995	1/31/1995	1/31/1995	1/31/1995	1/31/1995	1/31/1995
Sample Area								M	M	M
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Volatile Organic Compounds (mg/kg)										
Analytical Dilution										
Chloromethane	NA	NA	NA	--	--	--	--	--	--	--
Bromomethane	NA	NA	NA	--	--	--	--	--	--	--
Vinyl Chloride	0.2	NA	NA	--	--	--	--	--	--	--
Chloroethane	1.9	NA	NA	--	--	--	--	--	--	--
Methylene Chloride	0.1	NA	NA	--	--	--	--	--	--	--
Acetone	0.2	NA	NA	--	--	--	--	--	--	--
Carbon Disulfide	2.7	NA	NA	--	--	--	--	--	--	--
1,1-Dichloroethene	0.4	NA	NA	--	--	--	--	--	--	--
1,1-Dichloroethane	0.2	NA	NA	--	--	--	--	--	--	--
1,2-Dichloroethene (total)	0.3	NA	NA	--	--	--	--	--	--	--
Chloroform	0.3	NA	NA	--	--	--	--	--	--	--
1,2-Dichloroethane	0.2	NA	NA	--	--	--	--	--	--	--
2-Butanone	0.3	NA	NA	--	--	--	--	--	--	--
1,1,1-Trichloroethane	0.8	NA	NA	--	--	--	--	--	--	--
Carbon Tetrachloride	0.6	NA	NA	--	--	--	--	--	--	--
Bromodichloromethane	NA	NA	NA	--	--	--	--	--	--	--
1,2,-Dichloropropane	NA	NA	NA	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	NA	NA	NA	--	--	--	--	--	--	--
Trichloroethene	0.7	NA	NA	--	--	--	--	--	--	--
Dibromochloromethane	NA	NA	NA	--	--	--	--	--	--	--
1,1,2-Trichloroethane	NA	NA	NA	--	--	--	--	--	--	--
Benzene	0.06	NA	NA	--	--	--	--	--	--	--
trans-1,3-Dichloropropene	NA	NA	NA	--	--	--	--	--	--	--
Bromoform	NA	NA	NA	--	--	--	--	--	--	--
4-Methyl-2-Pentanone	1	NA	NA	--	--	--	--	--	--	--
2-Hexanone	NA	NA	NA	--	--	--	--	--	--	--
Tetrachloroethene	1.4	NA	NA	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	0.6	NA	NA	--	--	--	--	--	--	--
Toluene	1.5	NA	NA	--	--	--	--	--	--	--
Chlorobenzene	1.7	NA	NA	--	--	--	--	--	--	--
Ethylbenzene	5.5	NA	NA	--	--	--	--	--	--	--
Styrene	NA	NA	NA	--	--	--	--	--	--	--
Xylenes (total)	1.2	NA	NA	--	--	--	--	--	--	--
Total Confident Conc. VOAs	10	NA	NA	--	--	--	--	--	--	--
Total Estimated Conc. VOA TICs				--	--	--	--	--	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CSA-17A	CSA-18A	CSA-19A	CSA-20A	CSA-21A	CSA-21B	CSA-21C
Sample Depth				10-10.5 ft. bg.	9-10 ft. bg.	9-10 ft. bg.	10-10.5 ft. bg.	3-5 ft. bg.	5-7 ft. bg.	7-9 ft. bg.
Sample Date				1/31/1995	1/31/1995	1/31/1995	1/31/1995	1/31/1995	1/31/1995	1/31/1995
Sample Area								M	M	M
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Semi-Volatile Organic Compounds (mg/kg)										
Analytical Dilution										
Phenol	0.03 or MDL	NA	NA	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	50	NA	NA	--	--	--	--	--	--	--
2-Chlorophenol	0.8	NA	NA	--	--	--	--	--	--	--
1,3-Dichlorobenzene	50	NA	NA	--	--	--	--	--	--	--
1,4-Dichlorobenzene	50	NA	NA	--	--	--	--	--	--	--
1,2-Dichlorobenzene	50	NA	NA	--	--	--	--	--	--	--
2-Methylphenol	0.1 or MDL	NA	NA	--	--	--	--	--	--	--
2,2'-oxybis(1-Chloropropane)	50	NA	NA	--	--	--	--	--	--	--
4-Methylphenol	0.9	NA	NA	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	50	NA	NA	--	--	--	--	--	--	--
Hexachloroethane	50	NA	NA	--	--	--	--	--	--	--
Nitrobenzene	0.2 or MDL	NA	NA	--	--	--	--	--	--	--
Isophorone	4.4	NA	NA	--	--	--	--	--	--	--
2-Nitrophenol	0.33 or MDL	NA	NA	--	--	--	--	--	--	--
2,4-Dimethylphenol	50	NA	NA	--	--	--	--	--	--	--
bis(2-Chloroethoxy) Methane	50	NA	NA	--	--	--	--	--	--	--
2,4-Dichlorophenol	0.4	NA	NA	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	50	NA	NA	--	--	--	--	--	--	--
Napthalene	13	NA	ND-0.300 J	--	--	--	--	--	--	--
4-Chloroaniline	0.22 or MDL	NA	NA	--	--	--	--	--	--	--
Hexachlorobutadiene	50	NA	NA	--	--	--	--	--	--	--
4-Chloro-3-methylphenol	0.24 or MDL	NA	NA	--	--	--	--	--	--	--
2-Methylnapthalene	36.4	NA	NT	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	50	NA	NA	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	50	NA	NA	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	0.1	NA	NA	--	--	--	--	--	--	--
2-Chloronaphthalene	50	NA	NA	--	--	--	--	--	--	--
2-Nitroaniline	0.43 or MDL	NA	NA	--	--	--	--	--	--	--
Dimethylphthalate	2	NA	NA	--	--	--	--	--	--	--
Acenaphthylene	41	NA	ND-0.190 J	--	--	--	--	--	--	--
2,6-Dinitrotoluene	1	NA	NA	--	--	--	--	--	--	--
3-Nitroaniline	0.5 or MDL	NA	NA	--	--	--	--	--	--	--
Acenaphthene	50	NA	ND-0.360 J	--	--	--	--	--	--	--
2,4-Dinitrophenol	0.2 or MDL	NA	NA	--	--	--	--	--	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CSA-17A	CSA-18A	CSA-19A	CSA-20A	CSA-21A	CSA-21B	CSA-21C
Sample Depth				10-10.5 ft. bg.	9-10 ft. bg.	9-10 ft. bg.	10-10.5 ft. bg.	3-5 ft. bg.	5-7 ft. bg.	7-9 ft. bg.
Sample Date				1/31/1995	1/31/1995	1/31/1995	1/31/1995	1/31/1995	1/31/1995	1/31/1995
Sample Area								M	M	M
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
4-Nitrophenol	0.1 or MDL	NA	NA	--	--	--	--	--	--	--
Dibenzofuran	6.2	NA	NT	--	--	--	--	--	--	--
2,4-Dinitrotoluene	50	NA	NA	--	--	--	--	--	--	--
Diethylphthalate	7.1	NA	NA	--	--	--	--	--	--	--
4-Chlorophenyl-phenylether	50	NA	NA	--	--	--	--	--	--	--
Fluorene	50	NA	ND-0.330 J	--	--	--	--	--	--	--
4-Nitroaniline	50	NA	NA	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	50	NA	NA	--	--	--	--	--	--	--
N-Nitrosodiphenylamine (1)	50	NA	NA	--	--	--	--	--	--	--
4-Bromophenyl-phenylether	50	NA	NA	--	--	--	--	--	--	--
Hexachlorobenzene	0.41	NA	NA	--	--	--	--	--	--	--
Pentachlorophenol	1 or MDL	NA	NA	--	--	--	--	--	--	--
Phenanthrene	50	NA	0.030 J-2.700	--	--	--	--	--	--	--
Anthracene	50	NA	ND-0.740	--	--	--	--	--	--	--
Carbazole	50	NA	NT	--	--	--	--	--	--	--
Di-n-butylphthalate	8.1	NA	NA	--	--	--	--	--	--	--
Fluoranthene	50	NA	0.068 J-3.600	--	--	--	--	--	--	--
Pyrene	50	NA	0.057 J-3.500	--	--	--	--	--	--	--
Butylbenzylphthalate	50	NA	NA	--	--	--	--	--	--	--
3-3'-Dichlorobenzidine	50	NA	NA	--	--	--	--	--	--	--
Benzo(a)anthracene	0.224 or MDL	NA	0.032 J-1.700	--	--	--	--	--	--	--
Chrysene	0.4	NA	0.055 J-2.000	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	50	NA	NT	--	--	--	--	--	--	--
Di-n-octylphthalate	50	NA	NA	--	--	--	--	--	--	--
Benzo(b)fluoranthene	1.1	NA	0.060-2.200	--	--	--	--	--	--	--
Benzo(k)fluoranthene	1.1	NA	0.020 J-0.820	--	--	--	--	--	--	--
Benzo(a)pyrene	0.061 or MDL	NA	0.30 J-1.600	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	3.2	NA	0.013 J-0.660	--	--	--	--	--	--	--
Dibenz(a,h)anthracene	0.014 or MDL	NA	0.015 J-0.190	--	--	--	--	--	--	--
Benzo(g,h,i)Perylene	50	NA	0.013 J-0.600	--	--	--	--	--	--	--
Benzoic Acid	2.7	NA	NA	--	--	--	--	--	--	--
Total Confident Conc. SVOCs	500	NA	NA	--	--	--	--	--	--	--
Total Estimated Conc. SVOCs TICs			NT	--	--	--	--	--	--	--
Metals (mg/kg)										
Aluminum	SB	33000	NA	--	--	--	--	--	--	--
Antimony	SB	NA	NA	--	--	--	--	--	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CSA-17A	CSA-18A	CSA-19A	CSA-20A	CSA-21A	CSA-21B	CSA-21C
Sample Depth				10-10.5 ft. bg.	9-10 ft. bg.	9-10 ft. bg.	10-10.5 ft. bg.	3-5 ft. bg.	5-7 ft. bg.	7-9 ft. bg.
Sample Date				1/31/1995	1/31/1995	1/31/1995	1/31/1995	1/31/1995	1/31/1995	1/31/1995
Sample Area								M	M	M
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Arsenic	7.5 or SB	3 - 12	3-12	2.2	3	3.7	0.60 B	245	319	122
Barium	300 or SB	15 - 600	NA	--	--	--	--	--	--	--
Beryllium	0.16 (HEAST) or SB	0 - 1.75	ND-1.75	--	--	--	--	--	--	--
Cadmium	1 or SB	0.1 - 1	0.1-1	--	--	--	--	--	--	--
Calcium	SB	130 - 35000	NA	--	--	--	--	--	--	--
Chromium	10 or SB	1.5 - 40	1.5-40	13.9	13.9	14.2	12.9	8.8	--	--
Cobalt	30 or SB	2.5 - 60	NA	--	--	--	--	--	--	--
Copper	25 or SB	1 - 50	1-50	--	--	--	--	--	--	--
Iron	2000 or SB	2000 - 550000	NA	--	--	--	--	--	--	--
Lead	SB	SB	200-500	--	--	--	--	--	--	--
Magnesium	SB	100 - 5000	NA	--	--	--	--	--	--	--
Manganese	SB	50 -5000	NA	--	--	--	--	--	--	--
Mercury	0.1	0.001 - 0.2	0.001-0.2	ND(.12)	ND(.12)	ND(.13)	ND(.12)	0.12	--	--
Nickel	13 or SB	0.5 - 25	0.5-25	--	--	--	--	--	--	--
Potassium	SB	8500 - 43000	NA	--	--	--	--	--	--	--
Selenium	2 or SB	0.1 - 3.9	0.1-3.9	--	--	--	--	--	--	--
Silver	SB	NA	NA	--	--	--	--	--	--	--
Sodium	SB	6000 - 8000	NA	--	--	--	--	--	--	--
Thallium	SB	NA	NA	--	--	--	--	--	--	--
Vanadium	150 or SB	1 - 300	NA	--	--	--	--	--	--	--
Zinc	20 or SB	9 - 50	9-50	--	--	--	--	--	--	--
Cyanide	NA	NA	NA	ND(.580)	ND(.160)	ND(.160)	ND(.650)	ND(.640)	0.22 B	--
Hexavalent Chromium	NA	NA	NA	ND(.048)	ND(.49)	ND(.48)	ND(.50)	0.49	ND(.53)	ND(.51)
pH (Standard Units)				--	--	--	--	--	--	--
Pesticides (mg/kg)										
Analytical Dilution										
alpha BHC	0.11	NA	NA	--	--	--	--	--	--	--
beta BHC	0.2	NA	NA	--	--	--	--	--	--	--
delta BHC	0.3	NA	NA	--	--	--	--	--	--	--
gamma BHC	0.06	NA	NA	--	--	--	--	--	--	--
Heptachlor	0.1	NA	NA	--	--	--	--	--	--	--
Aldrin	0.041	NA	NA	--	--	--	--	--	--	--
Heptachlor epoxide	0.02	NA	NA	--	--	--	--	--	--	--
Endosulfan I	0.9	NA	NA	--	--	--	--	--	--	--
Dieldrin	0.044	NA	NA	--	--	--	--	--	--	--
4,4'-DDE	2.1	NA	NA	--	--	--	--	--	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CSA-17A	CSA-18A	CSA-19A	CSA-20A	CSA-21A	CSA-21B	CSA-21C
Sample Depth				10-10.5 ft. bg.	9-10 ft. bg.	9-10 ft. bg.	10-10.5 ft. bg.	3-5 ft. bg.	5-7 ft. bg.	7-9 ft. bg.
Sample Date				1/31/1995	1/31/1995	1/31/1995	1/31/1995	1/31/1995	1/31/1995	1/31/1995
Sample Area								M	M	M
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Endrin	0.1	NA	NA	--	--	--	--	--	--	--
Endosulfan II	0.9	NA	NA	--	--	--	--	--	--	--
4,4'-DDD	2.9	NA	NA	--	--	--	--	--	--	--
Endosulfan sulfate	1	NA	NA	--	--	--	--	--	--	--
4,4'-DDT	2.1	NA	NA	--	--	--	--	--	--	--
Methoxychlor	10	NA	NA	--	--	--	--	--	--	--
Endrin ketone	NA	NA	NA	--	--	--	--	--	--	--
Endrin Aldehyde	NA	NA	NA	--	--	--	--	--	--	--
alpha-Chlordane	0.54	NA	NA	--	--	--	--	--	--	--
gamma-Chlordane	0.54	NA	NA	--	--	--	--	--	--	--
Toxaphene	NA	NA	NA	--	--	--	--	--	--	--
PCBs (mg/kg)										
Analytical Dilution										
Aroclor-1016	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1221	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1232	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1242	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1248	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1254	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1260	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Total PCBs										

Refer to Table IV for Notes

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CSA-21D	CS-15	CS-16	CS-17	CS-18	CS-19	CS-19A
Sample Depth				9-11 ft. bg.	7 ft. bg.	1.5 ft. bg.	9 ft. bg.	9 ft. bg.	10 ft. bg.	0.5-2 ft. bg.
Sample Date				1/31/1995	8/12/1993	8/12/1993	8/12/1993	8/12/1993	8/12/1993	8/12/1993
Sample Area				M						
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Volatile Organic Compounds (mg/kg)										
Analytical Dilution										
Chloromethane	NA	NA	NA	--	--	--	--	--	--	--
Bromomethane	NA	NA	NA	--	--	--	--	--	--	--
Vinyl Chloride	0.2	NA	NA	--	--	--	--	--	--	--
Chloroethane	1.9	NA	NA	--	--	--	--	--	--	--
Methylene Chloride	0.1	NA	NA	--	--	--	--	--	--	--
Acetone	0.2	NA	NA	--	--	--	--	--	--	--
Carbon Disulfide	2.7	NA	NA	--	--	--	--	--	--	--
1,1-Dichloroethene	0.4	NA	NA	--	--	--	--	--	--	--
1,1-Dichloroethane	0.2	NA	NA	--	--	--	--	--	--	--
1,2-Dichloroethene (total)	0.3	NA	NA	--	--	--	--	--	--	--
Chloroform	0.3	NA	NA	--	--	--	--	--	--	--
1,2-Dichloroethane	0.2	NA	NA	--	--	--	--	--	--	--
2-Butanone	0.3	NA	NA	--	--	--	--	--	--	--
1,1,1-Trichloroethane	0.8	NA	NA	--	--	--	--	--	--	--
Carbon Tetrachloride	0.6	NA	NA	--	--	--	--	--	--	--
Bromodichloromethane	NA	NA	NA	--	--	--	--	--	--	--
1,2,-Dichloropropane	NA	NA	NA	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	NA	NA	NA	--	--	--	--	--	--	--
Trichloroethene	0.7	NA	NA	--	--	--	--	--	--	--
Dibromochloromethane	NA	NA	NA	--	--	--	--	--	--	--
1,1,2-Trichloroethane	NA	NA	NA	--	--	--	--	--	--	--
Benzene	0.06	NA	NA	--	--	--	--	--	--	--
trans-1,3-Dichloropropene	NA	NA	NA	--	--	--	--	--	--	--
Bromoform	NA	NA	NA	--	--	--	--	--	--	--
4-Methyl-2-Pentanone	1	NA	NA	--	--	--	--	--	--	--
2-Hexanone	NA	NA	NA	--	--	--	--	--	--	--
Tetrachloroethene	1.4	NA	NA	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	0.6	NA	NA	--	--	--	--	--	--	--
Toluene	1.5	NA	NA	--	--	--	--	--	--	--
Chlorobenzene	1.7	NA	NA	--	--	--	--	--	--	--
Ethylbenzene	5.5	NA	NA	--	--	--	--	--	--	--
Styrene	NA	NA	NA	--	--	--	--	--	--	--
Xylenes (total)	1.2	NA	NA	--	--	--	--	--	--	--
Total Confident Conc. VOAs	10	NA	NA							
Total Estimated Conc. VOA TICs										

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CSA-21D	CS-15	CS-16	CS-17	CS-18	CS-19	CS-19A
Sample Depth				9-11 ft. bg.	7 ft. bg.	1.5 ft. bg.	9 ft. bg.	9 ft. bg.	10 ft. bg.	0.5-2 ft. bg.
Sample Date				1/31/1995	8/12/1993	8/12/1993	8/12/1993	8/12/1993	8/12/1993	8/12/1993
Sample Area				M						
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Semi-Volatile Organic Compounds (mg/kg) Analytical Dilution					1.4	1.4	1.4	1.4	1.4	1.2
Phenol	0.03 or MDL	NA	NA	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	50	NA	NA	--	ND(.480)	ND(.490)	ND(.480)	ND(.410)	ND(.470)	ND(.370)
2-Chlorophenol	0.8	NA	NA	--	--	--	--	--	--	--
1,3-Dichlorobenzene	50	NA	NA	--	ND(.480)	ND(.490)	ND(.480)	ND(.410)	ND(.470)	ND(.370)
1,4-Dichlorobenzene	50	NA	NA	--	ND(.480)	ND(.490)	ND(.480)	ND(.410)	ND(.470)	ND(.370)
1,2-Dichlorobenzene	50	NA	NA	--	ND(.480)	ND(.490)	ND(.480)	ND(.410)	ND(.470)	ND(.370)
2-Methylphenol	0.1 or MDL	NA	NA	--	--	--	--	--	--	--
2,2'-oxybis(1-Chloropropane)	50	NA	NA	--	ND(.480)	ND(.490)	ND(.480)	ND(.410)	ND(.470)	ND(.370)
4-Methylphenol	0.9	NA	NA	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	50	NA	NA	--	ND(.480)	ND(.490)	ND(.480)	ND(.410)	ND(.470)	ND(.370)
Hexachloroethane	50	NA	NA	--	ND(.480)	ND(.490)	ND(.480)	ND(.410)	ND(.470)	ND(.370)
Nitrobenzene	0.2 or MDL	NA	NA	--	ND(.480)	ND(.490)	ND(.480)	ND(.410)	ND(.470)	ND(.370)
Isophorone	4.4	NA	NA	--	ND(.480)	ND(.490)	ND(.480)	ND(.410)	ND(.470)	ND(.370)
2-Nitrophenol	0.33 or MDL	NA	NA	--	--	--	--	--	--	--
2,4-Dimethylphenol	50	NA	NA	--	--	--	--	--	--	--
bis(2-Chloroethoxy) Methane	50	NA	NA	--	ND(.480)	ND(.490)	ND(.480)	ND(.410)	ND(.470)	ND(.370)
2,4-Dichlorophenol	0.4	NA	NA	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	50	NA	NA	--	ND(.480)	ND(.490)	ND(.480)	ND(.410)	ND(.470)	ND(.370)
Napthalene	13	NA	ND-0.300 J	--	ND(.480)	1.3	ND(.480)	ND(.410)	ND(.470)	ND(.370)
4-Chloroaniline	0.22 or MDL	NA	NA	--	ND(.480)	ND(.490)	ND(.480)	ND(.410)	ND(.470)	ND(.370)
Hexachlorobutadiene	50	NA	NA	--	ND(.480)	ND(.490)	ND(.480)	ND(.410)	ND(.470)	ND(.370)
4-Chloro-3-methylphenol	0.24 or MDL	NA	NA	--	--	--	--	--	--	--
2-Methylnapthalene	36.4	NA	NT	--	ND(.480)	2.7	ND(.480)	ND(.410)	ND(.470)	ND(.370)
Hexachlorocyclopentadiene	50	NA	NA	--	ND(.480)	ND(.490)	ND(.480)	ND(.410)	ND(.470)	ND(.370)
2,4,6-Trichlorophenol	50	NA	NA	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	0.1	NA	NA	--	--	--	--	--	--	--
2-Chloronaphthalene	50	NA	NA	--	ND(.480)	ND(.490)	ND(.480)	ND(.410)	ND(.470)	ND(.370)
2-Nitroaniline	0.43 or MDL	NA	NA	--	ND(2.400)	ND(2.400)	ND(2.400)	ND(2.000)	ND(2.300)	ND(1.900)
Dimethylphthalate	2	NA	NA	--	ND(.480)	ND(.490)	ND(.480)	ND(.410)	ND(.470)	ND(.370)
Acenaphthylene	41	NA	ND-0.190 J	--	ND(.480)	0.300 J	ND(.480)	ND(.410)	ND(.470)	ND(.370)
2,6-Dinitrotoluene	1	NA	NA	--	ND(.480)	ND(.490)	ND(.480)	ND(.410)	ND(.470)	ND(.370)
3-Nitroaniline	0.5 or MDL	NA	NA	--	ND(2.400)	ND(2.400)	ND(2.400)	ND(2.000)	ND(2.300)	ND(1.900)
Acenaphthene	50	NA	ND-0.360 J	--	ND(.480)	0.280 J	ND(.480)	ND(.410)	ND(.470)	ND(.370)
2,4-Dinitrophenol	0.2 or MDL	NA	NA	--	--	--	--	--	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CSA-21D	CS-15	CS-16	CS-17	CS-18	CS-19	CS-19A
Sample Depth				9-11 ft. bg.	7 ft. bg.	1.5 ft. bg.	9 ft. bg.	9 ft. bg.	10 ft. bg.	0.5-2 ft. bg.
Sample Date				1/31/1995	8/12/1993	8/12/1993	8/12/1993	8/12/1993	8/12/1993	8/12/1993
Sample Area				M						
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
4-Nitrophenol	0.1 or MDL	NA	NA	--	--	--	--	--	--	--
Dibenzofuran	6.2	NA	NT	--	ND(.480)	0.95	ND(.480)	ND(.410)	ND(.470)	ND(.370)
2,4-Dinitrotoluene	50	NA	NA	--	ND(.480)	ND(.490)	ND(.480)	ND(.410)	ND(.470)	ND(.370)
Diethylphthalate	7.1	NA	NA	--	ND(.480)	ND(.490)	ND(.480)	ND(.410)	ND(.470)	ND(.370)
4-Chlorophenyl-phenylether	50	NA	NA	--	ND(.480)	ND(.490)	ND(.480)	ND(.410)	ND(.470)	ND(.370)
Fluorene	50	NA	ND-0.330 J	--	ND(.480)	0.400 J	ND(.480)	ND(.410)	ND(.470)	ND(.370)
4-Nitroaniline	50	NA	NA	--	ND(2.400)	ND(2.400)	ND(2.400)	ND(2.000)	ND(2.300)	ND(1.900)
4,6-Dinitro-2-methylphenol	50	NA	NA	--	--	--	--	--	--	--
N-Nitrosodiphenylamine (1)	50	NA	NA	--	ND(.480)	ND(.490)	ND(.480)	ND(.410)	ND(.470)	ND(.370)
4-Bromophenyl-phenylether	50	NA	NA	--	ND(.480)	ND(.490)	ND(.480)	ND(.410)	ND(.470)	ND(.370)
Hexachlorobenzene	0.41	NA	NA	--	ND(.480)	ND(.490)	ND(.480)	ND(.410)	ND(.470)	ND(.370)
Pentachlorophenol	1 or MDL	NA	NA	--	--	--	--	--	--	--
Phenanthrene	50	NA	0.030 J-2.700	--	ND(.480)	3	ND(.480)	ND(.410)	ND(.470)	ND(.370)
Anthracene	50	NA	ND-0.740	--	ND(.480)	0.86	ND(.480)	ND(.410)	ND(.470)	ND(.370)
Carbazole	50	NA	NT	--	ND(.480)	0.330 J	ND(.480)	ND(.410)	ND(.470)	ND(.370)
Di-n-butylphthalate	8.1	NA	NA	--	ND(.480)	0.110 J	ND(.480)	ND(.410)	ND(.470)	ND(.370)
Fluoranthene	50	NA	0.068 J-3.600	--	ND(.480)	3.2	ND(.480)	ND(.410)	ND(.470)	ND(.370)
Pyrene	50	NA	0.057 J-3.500	--	ND(.480)	2.2	ND(.480)	ND(.410)	ND(.470)	ND(.370)
Butylbenzylphthalate	50	NA	NA	--	ND(.480)	ND(.490)	ND(.480)	ND(.410)	ND(.470)	ND(.370)
3-3'-Dichlorobenzidine	50	NA	NA	--	ND(.480)	ND(.490)	ND(.480)	ND(.410)	ND(.470)	ND(.370)
Benzo(a)anthracene	0.224 or MDL	NA	0.032 J-1.700	--	ND(.480)	1.3	ND(.480)	ND(.410)	ND(.470)	ND(.370)
Chrysene	0.4	NA	0.055 J-2.000	--	ND(.480)	2.2	ND(.480)	ND(.410)	ND(.470)	ND(.370)
bis(2-Ethylhexyl)phthalate	50	NA	NT	--	ND(.480)	1.2	ND(.480)	ND(.410)	ND(.470)	ND(.370)
Di-n-octylphthalate	50	NA	NA	--	ND(.480)	0.059 J	ND(.480)	ND(.410)	ND(.470)	ND(.370)
Benzo(b)fluoranthene	1.1	NA	0.060-2.200	--	ND(.480)	2.1	ND(.480)	ND(.410)	ND(.470)	ND(.370)
Benzo(k)fluoranthene	1.1	NA	0.020 J-0.820	--	ND(.480)	1	ND(.480)	ND(.410)	ND(.470)	ND(.370)
Benzo(a)pyrene	0.061 or MDL	NA	0.30 J-1.600	--	ND(.480)	0.91	0.060 J	0.200 J	ND(.470)	ND(.370)
Indeno(1,2,3-cd)pyrene	3.2	NA	0.013 J-0.660	--	ND(.480)	0.280 J	ND(.480)	ND(.410)	ND(.470)	ND(.370)
Dibenz(a,h)anthracene	0.014 or MDL	NA	0.015 J-0.190	--	ND(.480)	0.160 J	ND(.480)	ND(.410)	ND(.470)	ND(.370)
Benzo(g,h,i)Perylene	50	NA	0.013 J-0.600	--	ND(.480)	0.260 J	ND(.480)	ND(.410)	ND(.470)	ND(.370)
Benzoic Acid	2.7	NA	NA	--	--	--	--	--	--	--
Total Confident Conc. SVOCs	500	NA	NA	--		22.92				
Total Estimated Conc. SVOCs TICs			NT	--	9.21	25.2	4.32	6.76	1.47	1.77
Metals (mg/kg)										
Aluminum	SB	33000	NA	--	16500	10200	20200	11800	12800	276
Antimony	SB	NA	NA	--	15.8	16.2	16	13.5	15.5	12.4

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CSA-21D	CS-15	CS-16	CS-17	CS-18	CS-19	CS-19A
Sample Depth				9-11 ft. bg.	7 ft. bg.	1.5 ft. bg.	9 ft. bg.	9 ft. bg.	10 ft. bg.	0.5-2 ft. bg.
Sample Date				1/31/1995	8/12/1993	8/12/1993	8/12/1993	8/12/1993	8/12/1993	8/12/1993
Sample Area				M						
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Arsenic	7.5 or SB	3 - 12	3-12	--	6.7 J	84.5	4.7 J	4.7 J	7.9 J	3
Barium	300 or SB	15 - 600	NA	--	85	180	60	40.7	109	214
Beryllium	0.16 (HEAST) or SB	0 - 1.75	ND-1.75	--	0.74	1.4	0.57	0.26	0.35	0.12
Cadmium	1 or SB	0.1 - 1	0.1-1	--	0.83	0.86	0.84	0.71	0.82	0.65
Calcium	SB	130 - 35000	NA	--	1340	1810	470	508	806	263
Chromium	10 or SB	1.5 - 40	1.5-40	--	20.7	50.7	22.7	15	17.9	6.2
Cobalt	30 or SB	2.5 - 60	NA	--	14.5	13.1	20.9	5.6	5.4	1.4
Copper	25 or SB	1 - 50	1-50	--	27.8	97.6	23.9	12.8	19.4	12.5
Iron	2000 or SB	2000 - 550000	NA	--	29900	58800	21900	21400	24600	18800
Lead	SB	SB	200-500	--	21.5	319 J	14.6	6.3	10.8	3.8 J
Magnesium	SB	100 - 5000	NA	--	4330	2430	5050	3120	4020	45
Manganese	SB	50 -5000	NA	--	338	450	184	112	145	2
Mercury	0.1	0.001 - 0.2	0.001-0.2	--	0.31	0.72	0.14	0.21	0.95	0.11
Nickel	13 or SB	0.5 - 25	0.5-25	--	30.4	26.6	46	17.6	22	2.2
Potassium	SB	8500 - 43000	NA	--	1310	1220	1200	628	1660	583
Selenium	2 or SB	0.1 - 3.9	0.1-3.9	--	0.64 JB	6.2 J	0.24	1.8 B	0.97 B	1 B
Silver	SB	NA	NA	--	1.2	1.2	1.2	1	1.2	0.93
Sodium	SB	6000 - 8000	NA	--	111 B	414 B	104 B	83.9	171 B	418
Thallium	SB	NA	NA	--	0.33	0.79	1.4	0.28	0.32	0.26
Vanadium	150 or SB	1 - 300	NA	--	24.5	37.2	23.2	17.6	16	19.9
Zinc	20 or SB	9 - 50	9-50	--	105	192	153	58	57	5.6 J
Cyanide	NA	NA	NA	--	0.63	0.64	0.61	0.52	0.58	0.5
Hexavalent Chromium	NA	NA	NA	ND(.49)	--	--	--	--	--	--
pH (Standard Units)				--	--	--	--	--	--	--
Pesticides (mg/kg)										
Analytical Dilution										
alpha BHC	0.11	NA	NA	--	--	--	--	--	--	--
beta BHC	0.2	NA	NA	--	--	--	--	--	--	--
delta BHC	0.3	NA	NA	--	--	--	--	--	--	--
gamma BHC	0.06	NA	NA	--	--	--	--	--	--	--
Heptachlor	0.1	NA	NA	--	--	--	--	--	--	--
Aldrin	0.041	NA	NA	--	--	--	--	--	--	--
Heptachlor epoxide	0.02	NA	NA	--	--	--	--	--	--	--
Endosulfan I	0.9	NA	NA	--	--	--	--	--	--	--
Dieldrin	0.044	NA	NA	--	--	--	--	--	--	--
4,4'-DDE	2.1	NA	NA	--	--	--	--	--	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CSA-21D	CS-15	CS-16	CS-17	CS-18	CS-19	CS-19A
Sample Depth				9-11 ft. bg.	7 ft. bg.	1.5 ft. bg.	9 ft. bg.	9 ft. bg.	10 ft. bg.	0.5-2 ft. bg.
Sample Date				1/31/1995	8/12/1993	8/12/1993	8/12/1993	8/12/1993	8/12/1993	8/12/1993
Sample Area				M						
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Endrin	0.1	NA	NA	--	--	--	--	--	--	--
Endosulfan II	0.9	NA	NA	--	--	--	--	--	--	--
4,4'-DDD	2.9	NA	NA	--	--	--	--	--	--	--
Endosulfan sulfate	1	NA	NA	--	--	--	--	--	--	--
4,4'-DDT	2.1	NA	NA	--	--	--	--	--	--	--
Methoxychlor	10	NA	NA	--	--	--	--	--	--	--
Endrin ketone	NA	NA	NA	--	--	--	--	--	--	--
Endrin Aldehyde	NA	NA	NA	--	--	--	--	--	--	--
alpha-Chlordane	0.54	NA	NA	--	--	--	--	--	--	--
gamma-Chlordane	0.54	NA	NA	--	--	--	--	--	--	--
Toxaphene	NA	NA	NA	--	--	--	--	--	--	--
PCBs (mg/kg)										
Analytical Dilution										
Aroclor-1016	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1221	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1232	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1242	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1248	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1254	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1260	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Total PCBs										

Refer to Table IV for Notes

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CS-19C	CS-20	CS-21	CS-21C	CH-1	CH-2	CH-3
Sample Depth				0-0.5 ft. bg.	8.5 ft. bg.	3 ft. bg.	0.5 ft. bg.	4-4.5 ft. bg.	4-5 ft. bg.	5-6 ft. bg.
Sample Date				8/12/1993	8/12/1993	8/12/1993	8/12/1993	1/26/1995	1/26/1995	1/26/1995
Sample Area						M	M			
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Volatile Organic Compounds (mg/kg)										
Analytical Dilution								1	1	1
Chloromethane	NA	NA	NA	--	--	--	--	--	--	--
Bromomethane	NA	NA	NA	--	--	--	--	--	--	--
Vinyl Chloride	0.2	NA	NA	--	--	--	--	--	--	--
Chloroethane	1.9	NA	NA	--	--	--	--	--	--	--
Methylene Chloride	0.1	NA	NA	--	--	--	--	ND(11.000)*	ND(.008)	0.008
Acetone	0.2	NA	NA	--	--	--	--	30 B	ND(.015)	ND(.014)
Carbon Disulfide	2.7	NA	NA	--	--	--	--	--	--	--
1,1-Dichloroethene	0.4	NA	NA	--	--	--	--	--	--	--
1,1-Dichloroethane	0.2	NA	NA	--	--	--	--	--	--	--
1,2-Dichloroethene (total)	0.3	NA	NA	--	--	--	--	--	--	--
Chloroform	0.3	NA	NA	--	--	--	--	--	--	--
1,2-Dichloroethane	0.2	NA	NA	--	--	--	--	--	--	--
2-Butanone	0.3	NA	NA	--	--	--	--	--	--	--
1,1,1-Trichloroethane	0.8	NA	NA	--	--	--	--	--	--	--
Carbon Tetrachloride	0.6	NA	NA	--	--	--	--	--	--	--
Bromodichloromethane	NA	NA	NA	--	--	--	--	--	--	--
1,2,-Dichloropropane	NA	NA	NA	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	NA	NA	NA	--	--	--	--	--	--	--
Trichloroethene	0.7	NA	NA	--	--	--	--	--	--	--
Dibromochloromethane	NA	NA	NA	--	--	--	--	--	--	--
1,1,2-Trichloroethane	NA	NA	NA	--	--	--	--	--	--	--
Benzene	0.06	NA	NA	--	--	--	--	ND(11.000)*	ND(.008)	ND(.007)
trans-1,3-Dichloropropene	NA	NA	NA	--	--	--	--	--	--	--
Bromoform	NA	NA	NA	--	--	--	--	--	--	--
4-Methyl-2-Pentanone	1	NA	NA	--	--	--	--	--	--	--
2-Hexanone	NA	NA	NA	--	--	--	--	--	--	--
Tetrachloroethene	1.4	NA	NA	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	0.6	NA	NA	--	--	--	--	--	--	--
Toluene	1.5	NA	NA	--	--	--	--	ND(11.000)*	ND(.008)	ND(.007)
Chlorobenzene	1.7	NA	NA	--	--	--	--	--	--	--
Ethylbenzene	5.5	NA	NA	--	--	--	--	--	--	--
Styrene	NA	NA	NA	--	--	--	--	--	--	--
Xylenes (total)	1.2	NA	NA	--	--	--	--	--	--	--
Total Confident Conc. VOAs	10	NA	NA							0.008
Total Estimated Conc. VOA TICs								2271 J	9.27 J	0.235 J

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CS-19C	CS-20	CS-21	CS-21C	CH-1	CH-2	CH-3
Sample Depth				0-0.5 ft. bg.	8.5 ft. bg.	3 ft. bg.	0.5 ft. bg.	4-4.5 ft. bg.	4-5 ft. bg.	5-6 ft. bg.
Sample Date				8/12/1993	8/12/1993	8/12/1993	8/12/1993	1/26/1995	1/26/1995	1/26/1995
Sample Area						M	M			
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Semi-Volatile Organic Compounds (mg/kg)										
Analytical Dilution				1.2	1.3	1.3	1.2			
Phenol	0.03 or MDL	NA	NA	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	50	NA	NA	ND(.360)	ND(.430)	ND(.400)	ND(.360)	--	--	--
2-Chlorophenol	0.8	NA	NA	--	--	--	--	--	--	--
1,3-Dichlorobenzene	50	NA	NA	ND(.360)	ND(.430)	ND(.400)	ND(.360)	--	--	--
1,4-Dichlorobenzene	50	NA	NA	ND(.360)	ND(.430)	ND(.400)	ND(.360)	--	--	--
1,2-Dichlorobenzene	50	NA	NA	ND(.360)	ND(.430)	ND(.400)	ND(.360)	--	--	--
2-Methylphenol	0.1 or MDL	NA	NA	--	--	--	--	--	--	--
2,2'-oxybis(1-Chloropropane)	50	NA	NA	ND(.360)	ND(.430)	ND(.400)	ND(.360)	--	--	--
4-Methylphenol	0.9	NA	NA	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	50	NA	NA	ND(.360)	ND(.430)	ND(.400)	ND(.360)	--	--	--
Hexachloroethane	50	NA	NA	ND(.360)	ND(.430)	ND(.400)	ND(.360)	--	--	--
Nitrobenzene	0.2 or MDL	NA	NA	ND(.360)	ND(.430)	ND(.400)	ND(.360)	--	--	--
Isophorone	4.4	NA	NA	ND(.360)	ND(.430)	ND(.400)	ND(.360)	--	--	--
2-Nitrophenol	0.33 or MDL	NA	NA	--	--	--	--	--	--	--
2,4-Dimethylphenol	50	NA	NA	--	--	--	--	--	--	--
bis(2-Chloroethoxy) Methane	50	NA	NA	ND(.360)	ND(.430)	ND(.400)	ND(.360)	--	--	--
2,4-Dichlorophenol	0.4	NA	NA	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	50	NA	NA	ND(.360)	ND(.430)	ND(.400)	ND(.360)	--	--	--
Napthalene	13	NA	ND-0.300 J	0.180 J	ND(.430)	ND(.400)	0.230 J	--	--	--
4-Chloroaniline	0.22 or MDL	NA	NA	ND(.360)	ND(.430)	ND(.400)	ND(.360)	--	--	--
Hexachlorobutadiene	50	NA	NA	ND(.360)	ND(.430)	ND(.400)	ND(.360)	--	--	--
4-Chloro-3-methylphenol	0.24 or MDL	NA	NA	--	--	--	--	--	--	--
2-Methylnapthalene	36.4	NA	NT	0.44	ND(.430)	ND(.400)	0.300 J	--	--	--
Hexachlorocyclopentadiene	50	NA	NA	ND(.360)	ND(.430)	ND(.400)	ND(.360)	--	--	--
2,4,6-Trichlorophenol	50	NA	NA	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	0.1	NA	NA	--	--	--	--	--	--	--
2-Chloronapthalene	50	NA	NA	ND(.360)	ND(.430)	ND(.400)	ND(.360)	--	--	--
2-Nitroaniline	0.43 or MDL	NA	NA	ND(.900)	ND(2.100)	ND(2.000)	ND(.900)	--	--	--
Dimethylphthalate	2	NA	NA	ND(.360)	ND(.430)	ND(.400)	ND(.360)	--	--	--
Acenaphthylene	41	NA	ND-0.190 J	ND(.360)	ND(.430)	ND(.400)	ND(.360)	--	--	--
2,6-Dinitrotoluene	1	NA	NA	ND(.360)	ND(.430)	ND(.400)	ND(.360)	--	--	--
3-Nitroaniline	0.5 or MDL	NA	NA	ND(.900)	ND(2.100)	ND(2.000)	ND(.900)	--	--	--
Acenaphthene	50	NA	ND-0.360 J	ND(.360)	ND(.430)	ND(.400)	ND(.360)	--	--	--
2,4-Dinitrophenol	0.2 or MDL	NA	NA	--	--	--	--	--	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CS-19C	CS-20	CS-21	CS-21C	CH-1	CH-2	CH-3
Sample Depth				0-0.5 ft. bg.	8.5 ft. bg.	3 ft. bg.	0.5 ft. bg.	4-4.5 ft. bg.	4-5 ft. bg.	5-6 ft. bg.
Sample Date				8/12/1993	8/12/1993	8/12/1993	8/12/1993	1/26/1995	1/26/1995	1/26/1995
Sample Area						M	M			
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
4-Nitrophenol	0.1 or MDL	NA	NA	--	--	--	--	--	--	--
Dibenzofuran	6.2	NA	NT	0.130 J	ND(.430)	ND(.400)	0.058 J	--	--	--
2,4-Dinitrotoluene	50	NA	NA	ND(.360)	ND(.430)	ND(.400)	ND(.360)	--	--	--
Diethylphthalate	7.1	NA	NA	ND(.360)	ND(.430)	ND(.400)	ND(.360)	--	--	--
4-Chlorophenyl-phenylether	50	NA	NA	ND(.360)	ND(.430)	ND(.400)	ND(.360)	--	--	--
Fluorene	50	NA	ND-0.330 J	ND(.360)	ND(.430)	ND(.400)	ND(.360)	--	--	--
4-Nitroaniline	50	NA	NA	ND(.900)	ND(2.100)	ND(2.000)	ND(.900)	--	--	--
4,6-Dinitro-2-methylphenol	50	NA	NA	--	--	--	--	--	--	--
N-Nitrosodiphenylamine (1)	50	NA	NA	ND(.360)	ND(.430)	ND(.400)	ND(.360)	--	--	--
4-Bromophenyl-phenylether	50	NA	NA	ND(.360)	ND(.430)	ND(.400)	ND(.360)	--	--	--
Hexachlorobenzene	0.41	NA	NA	ND(.360)	ND(.430)	ND(.400)	ND(.360)	--	--	--
Pentachlorophenol	1 or MDL	NA	NA	--	--	--	--	--	--	--
Phenanthrene	50	NA	0.030 J-2.700	0.56	ND(.430)	0.046 J	0.300 J	--	--	--
Anthracene	50	NA	ND-0.740	ND(.360)	ND(.430)	ND(.400)	ND(.360)	--	--	--
Carbazole	50	NA	NT	ND(.360)	ND(.430)	ND(.400)	ND(.360)	--	--	--
Di-n-butylphthalate	8.1	NA	NA	ND(.360)	ND(.430)	ND(.400)	0.041 J	--	--	--
Fluoranthene	50	NA	0.068 J-3.600	0.140 J	ND(.430)	ND(.400)	0.075 J	--	--	--
Pyrene	50	NA	0.057 J-3.500	0.170 J	ND(.430)	ND(.400)	0.100 J	--	--	--
Butylbenzylphthalate	50	NA	NA	ND(.360)	ND(.430)	ND(.400)	ND(.360)	--	--	--
3-3'-Dichlorobenzidine	50	NA	NA	ND(.360)	ND(.430)	ND(.400)	ND(.360)	--	--	--
Benzo(a)anthracene	0.224 or MDL	NA	0.032 J-1.700	0.110 J	ND(.430)	ND(.400)	0.073 J	--	--	--
Chrysene	0.4	NA	0.055 J-2.000	ND(.420)	ND(.430)	ND(.400)	0.29 J	--	--	--
bis(2-Ethylhexyl)phthalate	50	NA	NT	0.130 JB	ND(.430)	0.052 JB	0.640 B	--	--	--
Di-n-octylphthalate	50	NA	NA	ND(.360)	ND(.430)	ND(.400)	ND(.360)	--	--	--
Benzo(b)fluoranthene	1.1	NA	0.060-2.200	0.160 J	ND(.430)	ND(.400)	0.120 J	--	--	--
Benzo(k)fluoranthene	1.1	NA	0.020 J-0.820	0.053 J	ND(.430)	ND(.400)	0.036 J	--	--	--
Benzo(a)pyrene	0.061 or MDL	NA	0.30 J-1.600	0.039 J	ND(.430)	ND(.400)	0.038 J	--	--	--
Indeno(1,2,3-cd)pyrene	3.2	NA	0.013 J-0.660	ND(.360)	ND(.430)	ND(.400)	ND(.360)	--	--	--
Dibenz(a,h)anthracene	0.014 or MDL	NA	0.015 J-0.190	ND(.360)	ND(.430)	ND(.400)	ND(.360)	--	--	--
Benzo(g,h,i)Perylene	50	NA	0.013 J-0.600	ND(.360)	ND(.430)	ND(.400)	ND(.360)	--	--	--
Benzoic Acid	2.7	NA	NA	--	--	--	--	--	--	--
Total Confident Conc. SVOCs	500	NA	NA	1.42			0.64			
Total Estimated Conc. SVOCs TICs			NT	14.73	1.85	12.45	30.8			
Metals (mg/kg)										
Aluminum	SB	33000	NA	195	17400	570	360	--	--	--
Antimony	SB	NA	NA	12	14.5	13.4	12	--	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CS-19C	CS-20	CS-21	CS-21C	CH-1	CH-2	CH-3
Sample Depth				0-0.5 ft. bg.	8.5 ft. bg.	3 ft. bg.	0.5 ft. bg.	4-4.5 ft. bg.	4-5 ft. bg.	5-6 ft. bg.
Sample Date				8/12/1993	8/12/1993	8/12/1993	8/12/1993	1/26/1995	1/26/1995	1/26/1995
Sample Area						M	M			
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Arsenic	7.5 or SB	3 - 12	3-12	6.2 J	4	298	12.0 J	--	--	--
Barium	300 or SB	15 - 600	NA	24.2	57.1	181	26.1	--	--	--
Beryllium	0.16 (HEAST) or SB	0 - 1.75	ND-1.75	0.4	0.45	0.25	0.88	--	--	--
Cadmium	1 or SB	0.1 - 1	0.1-1	0.64	0.75	0.7	0.63	--	--	--
Calcium	SB	130 - 35000	NA	355	211	587	4640	--	--	--
Chromium	10 or SB	1.5 - 40	1.5-40	1.9	19.2	7.1	2.2	--	--	--
Cobalt	30 or SB	2.5 - 60	NA	1.1	8.7	2.9	1.1	--	--	--
Copper	25 or SB	1 - 50	1-50	5.4	94.9	30	113	--	--	--
Iron	2000 or SB	2000 - 550000	NA	1600	18600	44000	2560	--	--	--
Lead	SB	SB	200-500	11.7	7	14.4	13.6	--	--	--
Magnesium	SB	100 - 5000	NA	39	4140	101	266	--	--	--
Manganese	SB	50 -5000	NA	1.3	149	17.6	31.4	--	--	--
Mercury	0.1	0.001 - 0.2	0.001-0.2	0.74	0.13	0.48	0.64	--	--	--
Nickel	13 or SB	0.5 - 25	0.5-25	2.2	25.2	2.8	2.2	--	--	--
Potassium	SB	8500 - 43000	NA	230	1090	1000	230	--	--	--
Selenium	2 or SB	0.1 - 3.9	0.1-3.9	2.8 B	0.27 B	6.1 J	2.9 J	--	--	--
Silver	SB	NA	NA	0.91	1.1	1	0.91	--	--	--
Sodium	SB	6000 - 8000	NA	92.9 B	74.8 B	449 B	77.8	--	--	--
Thallium	SB	NA	NA	0.62	0.3	0.79	1.2	--	--	--
Vanadium	150 or SB	1 - 300	NA	2.5	21	41.6	10.2	--	--	--
Zinc	20 or SB	9 - 50	9-50	5.2 J	76.8	10.2 J	10.5 J	--	--	--
Cyanide	NA	NA	NA	0.49	0.55	0.54	0.49	--	--	--
Hexavalent Chromium	NA	NA	NA	--	--	--	--	--	--	--
pH (Standard Units)				--	--	--	--	--	--	--
Pesticides (mg/kg)										
Analytical Dilution										
alpha BHC	0.11	NA	NA	--	--	--	--	--	--	--
beta BHC	0.2	NA	NA	--	--	--	--	--	--	--
delta BHC	0.3	NA	NA	--	--	--	--	--	--	--
gamma BHC	0.06	NA	NA	--	--	--	--	--	--	--
Heptachlor	0.1	NA	NA	--	--	--	--	--	--	--
Aldrin	0.041	NA	NA	--	--	--	--	--	--	--
Heptachlor epoxide	0.02	NA	NA	--	--	--	--	--	--	--
Endosulfan I	0.9	NA	NA	--	--	--	--	--	--	--
Dieldrin	0.044	NA	NA	--	--	--	--	--	--	--
4,4'-DDE	2.1	NA	NA	--	--	--	--	--	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CS-19C	CS-20	CS-21	CS-21C	CH-1	CH-2	CH-3
Sample Depth				0-0.5 ft. bg.	8.5 ft. bg.	3 ft. bg.	0.5 ft. bg.	4-4.5 ft. bg.	4-5 ft. bg.	5-6 ft. bg.
Sample Date				8/12/1993	8/12/1993	8/12/1993	8/12/1993	1/26/1995	1/26/1995	1/26/1995
Sample Area						M	M			
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Endrin	0.1	NA	NA	--	--	--	--	--	--	--
Endosulfan II	0.9	NA	NA	--	--	--	--	--	--	--
4,4'-DDD	2.9	NA	NA	--	--	--	--	--	--	--
Endosulfan sulfate	1	NA	NA	--	--	--	--	--	--	--
4,4'-DDT	2.1	NA	NA	--	--	--	--	--	--	--
Methoxychlor	10	NA	NA	--	--	--	--	--	--	--
Endrin ketone	NA	NA	NA	--	--	--	--	--	--	--
Endrin Aldehyde	NA	NA	NA	--	--	--	--	--	--	--
alpha-Chlordane	0.54	NA	NA	--	--	--	--	--	--	--
gamma-Chlordane	0.54	NA	NA	--	--	--	--	--	--	--
Toxaphene	NA	NA	NA	--	--	--	--	--	--	--
PCBs (mg/kg)										
Analytical Dilution										
Aroclor-1016	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1221	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1232	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1242	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1248	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1254	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1260	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Total PCBs										

Refer to Table IV for Notes

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CH-4A	CH-4B	CH-PE1	CH-PE2	CP-1	CP-2
Sample Depth				3-3.5 ft. bg.	5-5.5 ft. bg.	3-3.5 ft. bg.	3-4 ft. bg.	4-5 ft. bg.	5-6 ft. bg.
Sample Date				1/26/1995	1/26/1995	1/26/1995	1/26/1995	6/18/1993	6/18/1993
Sample Area									
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M
Volatile Organic Compounds (mg/kg)									
Analytical Dilution				1	1	1	1	1.35	1.35
Chloromethane	NA	NA	NA	--	--	--	--	ND(.014)	ND(.014)
Bromomethane	NA	NA	NA	--	--	--	--	ND(.014)	ND(.014)
Vinyl Chloride	0.2	NA	NA	--	--	--	--	ND(.014)	ND(.014)
Chloroethane	1.9	NA	NA	--	--	--	--	ND(.014)	ND(.014)
Methylene Chloride	0.1	NA	NA	ND(.870)*	ND(9.000)*	ND(4.600)*	ND(2.200)*	0.007 J	0.004 J
Acetone	0.2	NA	NA	3.2 B	ND(17.000)*	13 B	6.4 B	ND(.014)	ND(.014)
Carbon Disulfide	2.7	NA	NA	--	--	--	--	ND(.014)	ND(.014)
1,1-Dichloroethene	0.4	NA	NA	--	--	--	--	ND(.014)	ND(.014)
1,1-Dichloroethane	0.2	NA	NA	--	--	--	--	ND(.014)	ND(.014)
1,2-Dichloroethene (total)	0.3	NA	NA	--	--	--	--	ND(.014)	ND(.014)
Chloroform	0.3	NA	NA	--	--	--	--	ND(.014)	ND(.014)
1,2-Dichloroethane	0.2	NA	NA	--	--	--	--	ND(.014)	ND(.014)
2-Butanone	0.3	NA	NA	--	--	--	--	ND(.014)	ND(.014)
1,1,1-Trichloroethane	0.8	NA	NA	--	--	--	--	ND(.014)	ND(.014)
Carbon Tetrachloride	0.6	NA	NA	--	--	--	--	ND(.014)	ND(.014)
Bromodichloromethane	NA	NA	NA	--	--	--	--	ND(.014)	ND(.014)
1,2,-Dichloropropane	NA	NA	NA	--	--	--	--	ND(.014)	ND(.014)
cis-1,3-Dichloropropene	NA	NA	NA	--	--	--	--	ND(.014)	ND(.014)
Trichloroethene	0.7	NA	NA	--	--	--	--	ND(.014)	ND(.014)
Dibromochloromethane	NA	NA	NA	--	--	--	--	ND(.014)	ND(.014)
1,1,2-Trichloroethane	NA	NA	NA	--	--	--	--	ND(.014)	ND(.014)
Benzene	0.06	NA	NA	0.2 J	ND(9.000)*	ND(4.600)*	1.3 J	ND(.014)	ND(.014)
trans-1,3-Dichloropropene	NA	NA	NA	--	--	--	--	ND(.014)	ND(.014)
Bromoform	NA	NA	NA	--	--	--	--	ND(.014)	ND(.014)
4-Methyl-2-Pentanone	1	NA	NA	--	--	--	--	ND(.014)	ND(.014)
2-Hexanone	NA	NA	NA	--	--	--	--	ND(.014)	ND(.014)
Tetrachloroethene	1.4	NA	NA	--	--	--	--	ND(.014)	ND(.014)
1,1,2,2-Tetrachloroethane	0.6	NA	NA	--	--	--	--	ND(.014)	ND(.014)
Toluene	1.5	NA	NA	0.310 J	ND(9.000)*	1.4 J	ND(2.200)*	ND(.014)	ND(.014)
Chlorobenzene	1.7	NA	NA	--	--	--	--	ND(.014)	ND(.014)
Ethylbenzene	5.5	NA	NA	--	--	--	--	ND(.014)	ND(.014)
Styrene	NA	NA	NA	--	--	--	--	ND(.014)	ND(.014)
Xylenes (total)	1.2	NA	NA	--	--	--	--	ND(.014)	ND(.014)
Total Confident Conc. VOAs	10	NA	NA						
Total Estimated Conc. VOA TICs				96.1 J	2098 J	358.5 J	220.5 J	0.04	0.02

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CH-4A	CH-4B	CH-PE1	CH-PE2	CP-1	CP-2
Sample Depth				3-3.5 ft. bg.	5-5.5 ft. bg.	3-3.5 ft. bg.	3-4 ft. bg.	4-5 ft. bg.	5-6 ft. bg.
Sample Date				1/26/1995	1/26/1995	1/26/1995	1/26/1995	6/18/1993	6/18/1993
Sample Area									
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M
Semi-Volatile Organic Compounds (mg/kg)						1	1	1.35	1.35
Analytical Dilution									
Phenol	0.03 or MDL	NA	NA	--	--	--	--	--	--
bis(2-Chloroethyl)ether	50	NA	NA	--	--	--	--	ND(.450)	ND(.450)
2-Chlorophenol	0.8	NA	NA	--	--	--	--	--	--
1,3-Dichlorobenzene	50	NA	NA	--	--	--	--	ND(.450)	ND(.450)
1,4-Dichlorobenzene	50	NA	NA	--	--	--	--	ND(.450)	ND(.450)
1,2-Dichlorobenzene	50	NA	NA	--	--	--	--	ND(.450)	ND(.450)
2-Methylphenol	0.1 or MDL	NA	NA	--	--	--	--	--	--
2,2'-oxybis(1-Chloropropane)	50	NA	NA	--	--	--	--	ND(.450)	ND(.450)
4-Methylphenol	0.9	NA	NA	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	50	NA	NA	--	--	--	--	ND(.450)	ND(.450)
Hexachloroethane	50	NA	NA	--	--	--	--	ND(.450)	ND(.450)
Nitrobenzene	0.2 or MDL	NA	NA	--	--	--	--	ND(.450)	ND(.450)
Isophorone	4.4	NA	NA	--	--	--	--	ND(.450)	ND(.450)
2-Nitrophenol	0.33 or MDL	NA	NA	--	--	--	--	--	--
2,4-Dimethylphenol	50	NA	NA	--	--	--	--	--	--
bis(2-Chloroethoxy) Methane	50	NA	NA	--	--	--	--	ND(.450)	ND(.450)
2,4-Dichlorophenol	0.4	NA	NA	--	--	--	--	--	--
1,2,4-Trichlorobenzene	50	NA	NA	--	--	--	--	ND(.450)	ND(.450)
Napthalene	13	NA	ND-0.300 J	--	--	0.29 J	0.42 J	0.140 J	0.053 J
4-Chloroaniline	0.22 or MDL	NA	NA	--	--	--	--	ND(.450)	ND(.450)
Hexachlorobutadiene	50	NA	NA	--	--	--	--	ND(.450)	ND(.450)
4-Chloro-3-methylphenol	0.24 or MDL	NA	NA	--	--	--	--	--	--
2-Methylnapthalene	36.4	NA	NT	--	--	0.36 J	0.41 J	ND(.450)	ND(.450)
Hexachlorocyclopentadiene	50	NA	NA	--	--	--	--	ND(.450)	ND(.450)
2,4,6-Trichlorophenol	50	NA	NA	--	--	--	--	--	--
2,4,5-Trichlorophenol	0.1	NA	NA	--	--	--	--	--	--
2-Chloronaphthalene	50	NA	NA	--	--	--	--	ND(.450)	ND(.450)
2-Nitroaniline	0.43 or MDL	NA	NA	--	--	--	--	ND(2.20)	ND(2.20)
Dimethylphtalate	2	NA	NA	--	--	--	--	ND(.450)	ND(.450)
Acenaphthylene	41	NA	ND-0.190 J	--	--	--	--	ND(.450)	ND(.450)
2,6-Dinitrotoluene	1	NA	NA	--	--	--	--	ND(.450)	ND(.450)
3-Nitroaniline	0.5 or MDL	NA	NA	--	--	--	--	ND(2.20)	ND(2.20)
Acenaphthene	50	NA	ND-0.360 J	--	--	--	--	ND(.450)	ND(.450)
2,4-Dinitrophenol	0.2 or MDL	NA	NA	--	--	--	--	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CH-4A	CH-4B	CH-PE1	CH-PE2	CP-1	CP-2
Sample Depth				3-3.5 ft. bg.	5-5.5 ft. bg.	3-3.5 ft. bg.	3-4 ft. bg.	4-5 ft. bg.	5-6 ft. bg.
Sample Date				1/26/1995	1/26/1995	1/26/1995	1/26/1995	6/18/1993	6/18/1993
Sample Area									
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M
4-Nitrophenol	0.1 or MDL	NA	NA	--	--	--	--	--	--
Dibenzofuran	6.2	NA	NT	--	--	--	--	ND(.450)	ND(.450)
2,4-Dinitrotoluene	50	NA	NA	--	--	--	--	ND(.450)	ND(.450)
Diethylphthalate	7.1	NA	NA	--	--	--	--	ND(.450)	ND(.450)
4-Chlorophenyl-phenylether	50	NA	NA	--	--	--	--	ND(.450)	ND(.450)
Fluorene	50	NA	ND-0.330 J	--	--	0.21 J	ND(.60)	ND(.450)	ND(.450)
4-Nitroaniline	50	NA	NA	--	--	--	--	ND(2.200)	ND(2.200)
4,6-Dinitro-2-methylphenol	50	NA	NA	--	--	--	--	--	--
N-Nitrosodiphenylamine (1)	50	NA	NA	--	--	--	--	ND(.450)	ND(.450)
4-Bromophenyl-phenylether	50	NA	NA	--	--	--	--	ND(.450)	ND(.450)
Hexachlorobenzene	0.41	NA	NA	--	--	--	--	ND(.450)	ND(.450)
Pentachlorophenol	1 or MDL	NA	NA	--	--	--	--	--	--
Phenanthrene	50	NA	0.030 J-2.700	--	--	ND(.49)	0.64	ND(.450)	ND(.450)
Anthracene	50	NA	ND-0.740	--	--	--	--	ND(.450)	ND(.450)
Carbazole	50	NA	NT	--	--	--	--	ND(.450)	ND(.450)
Di-n-butylphthalate	8.1	NA	NA	--	--	--	--	ND(.450)	ND(.450)
Fluoranthene	50	NA	0.068 J-3.600	--	--	3	ND(.600)	ND(.450)	ND(.450)
Pyrene	50	NA	0.057 J-3.500	--	--	--	--	ND(.450)	ND(.450)
Butylbenzylphthalate	50	NA	NA	--	--	--	--	ND(.450)	ND(.450)
3-3'-Dichlorobenzidine	50	NA	NA	--	--	--	--	ND(.450)	ND(.450)
Benzo(a)anthracene	0.224 or MDL	NA	0.032 J-1.700	--	--	0.29 J	0.19 J	ND(.450)	ND(.450)
Chrysene	0.4	NA	0.055 J-2.000	--	--	0.37 J	0.23 J	ND(.450)	ND(.450)
bis(2-Ethylhexyl)phthalate	50	NA	NT	--	--	ND(.490)	ND(.600)	ND(.450)	ND(.450)
Di-n-octylphthalate	50	NA	NA	--	--	--	--	ND(.450)	ND(.450)
Benzo(b)fluoranthene	1.1	NA	0.060-2.200	--	--	0.36 J	0.24 J	ND(.450)	ND(.450)
Benzo(k)fluoranthene	1.1	NA	0.020 J-0.820	--	--	0.33 J	0.34 J	ND(.450)	ND(.450)
Benzo(a)pyrene	0.061 or MDL	NA	0.30 J-1.600	--	--	0.35 J	0.25 J	ND(.450)	ND(.450)
Indeno(1,2,3-cd)pyrene	3.2	NA	0.013 J-0.660	--	--	.013 J	ND(.600)	ND(.450)	ND(.450)
Dibenz(a,h)anthracene	0.014 or MDL	NA	0.015 J-0.190	--	--	--	--	ND(.450)	ND(.450)
Benzo(g,h,i)Perylene	50	NA	0.013 J-0.600	--	--	--	--	ND(.450)	ND(.450)
Benzoic Acid	2.7	NA	NA	--	--	--	--	--	--
Total Confident Conc. SVOCs	500	NA	NA			3	0.64		
Total Estimated Conc. SVOCs TICs			NT			59.9 J	110.4 J	16.9	17.2
Metals (mg/kg)									
Aluminum	SB	33000	NA	--	--	4750	4620	12000	8060
Antimony	SB	NA	NA	--	--	11.5	ND(9.600)	ND(11.300)	11.2

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CH-4A	CH-4B	CH-PE1	CH-PE2	CP-1	CP-2
Sample Depth				3-3.5 ft. bg.	5-5.5 ft. bg.	3-3.5 ft. bg.	3-4 ft. bg.	4-5 ft. bg.	5-6 ft. bg.
Sample Date				1/26/1995	1/26/1995	1/26/1995	1/26/1995	6/18/1993	6/18/1993
Sample Area									
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M
Arsenic	7.5 or SB	3 - 12	3-12	--	--	11.3	7.1	12.5 J	33.8
Barium	300 or SB	15 - 600	NA	--	--	136	172	223	82
Beryllium	0.16 (HEAST) or SB	0 - 1.75	ND-1.75	--	--	0.51	0.73	0.64	0.19
Cadmium	1 or SB	0.1 - 1	0.1-1	--	--	0.58	0.74	ND(.42)	ND(.42)
Calcium	SB	130 - 35000	NA	--	--	33800	6240	19500	2760
Chromium	10 or SB	1.5 - 40	1.5-40	--	--	26	28.6	19 J	13.7 J
Cobalt	30 or SB	2.5 - 60	NA	--	--	5.4 B	6.3	9.5	2.9
Copper	25 or SB	1 - 50	1-50	--	--	65.6	80.2	73.8	27
Iron	2000 or SB	2000 - 550000	NA	--	--	42600	61700	25800	13300
Lead	SB	SB	200-500	--	--	93.7	79.6	16.4	12.3
Magnesium	SB	100 - 5000	NA	--	--	4660	878	2670	1510
Manganese	SB	50 -5000	NA	--	--	219	218	167 J	61.8
Mercury	0.1	0.001 - 0.2	0.001-0.2	--	--	0.33	0.28	ND(.14)	ND(.14)
Nickel	13 or SB	0.5 - 25	0.5-25	--	--	67.9	35.8	26.2	7.8
Potassium	SB	8500 - 43000	NA	--	--	429	409	2680	1060
Selenium	2 or SB	0.1 - 3.9	0.1-3.9	--	--	0.31	0.47	3.8 J	5.9 J
Silver	SB	NA	NA	--	--	ND(1.00)	ND(1.20)	ND(1.20)	ND(1.20)
Sodium	SB	6000 - 8000	NA	--	--	947	506	283	166
Thallium	SB	NA	NA	--	--	ND(.18)	0.25	0.24 J	0.25 J
Vanadium	150 or SB	1 - 300	NA	--	--	15.4	18.8	16.8	12.5
Zinc	20 or SB	9 - 50	9-50	--	--	225	354	78.8 J	26.9 J
Cyanide	NA	NA	NA	--	--	--	--	--	--
Hexavalent Chromium	NA	NA	NA	--	--	0.91	2.1	--	--
pH (Standard Units)				--	--	--	--	--	--
Pesticides (mg/kg)									
Analytical Dilution						100	100		
alpha BHC	0.11	NA	NA	--	--	--	--	--	--
beta BHC	0.2	NA	NA	--	--	--	--	--	--
delta BHC	0.3	NA	NA	--	--	2.6	0.3	--	--
gamma BHC	0.06	NA	NA	--	--	--	--	--	--
Heptachlor	0.1	NA	NA	--	--	1.4	1.4	--	--
Aldrin	0.041	NA	NA	--	--	1.9	2.6	--	--
Heptachlor epoxide	0.02	NA	NA	--	--	--	--	--	--
Endosulfan I	0.9	NA	NA	--	--	1.8	0.66	--	--
Dieldrin	0.044	NA	NA	--	--	--	--	--	--
4,4'-DDE	2.1	NA	NA	--	--	--	--	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CH-4A	CH-4B	CH-PE1	CH-PE2	CP-1	CP-2
Sample Depth				3-3.5 ft. bg.	5-5.5 ft. bg.	3-3.5 ft. bg.	3-4 ft. bg.	4-5 ft. bg.	5-6 ft. bg.
Sample Date				1/26/1995	1/26/1995	1/26/1995	1/26/1995	6/18/1993	6/18/1993
Sample Area									
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M
Endrin	0.1	NA	NA	--	--	--	--	--	--
Endosulfan II	0.9	NA	NA	--	--	--	--	--	--
4,4'-DDD	2.9	NA	NA	--	--	--	--	--	--
Endosulfan sulfate	1	NA	NA	--	--	--	--	--	--
4,4'-DDT	2.1	NA	NA	--	--	--	--	--	--
Methoxychlor	10	NA	NA	--	--	--	--	--	--
Endrin ketone	NA	NA	NA	--	--	--	--	--	--
Endrin Aldehyde	NA	NA	NA	--	--	--	--	--	--
alpha-Chlordane	0.54	NA	NA	--	--	--	--	--	--
gamma-Chlordane	0.54	NA	NA	--	--	0.044 J	0.14 J	--	--
Toxaphene	NA	NA	NA	--	--	--	--	--	--
PCBs (mg/kg)									
Analytical Dilution									
Aroclor-1016	1 (surface)	NA	NA	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--
Aroclor-1221	1 (surface)	NA	NA	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--
Aroclor-1232	1 (surface)	NA	NA	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--
Aroclor-1242	1 (surface)	NA	NA	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--
Aroclor-1248	1 (surface)	NA	NA	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--
Aroclor-1254	1 (surface)	NA	NA	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--
Aroclor-1260	1 (surface)	NA	NA	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--
Total PCBs									

Refer to Table IV for Notes

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CP-3	CS-8A	CS-8B	CS-10	CSH-1	CSH-2	CSH-3
Sample Depth				5-6 ft. bg.	0.5-1 ft. bg.	1.5-2 ft. bg.	0.5-1 ft. bg.	1-2 ft. bg.	1-2 ft. bg.	1-2 ft. bg.
Sample Date				6/18/1993	6/18/1993	6/18/1993	6/18/1993	6/21/1993	6/21/1993	6/21/1993
Sample Area					L	L				
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Volatile Organic Compounds (mg/kg)										
Analytical Dilution				1.42						
Chloromethane	NA	NA	NA	ND(.014)	--	--	--	--	--	--
Bromomethane	NA	NA	NA	ND(.014)	--	--	--	--	--	--
Vinyl Chloride	0.2	NA	NA	ND(.014)	--	--	--	--	--	--
Chloroethane	1.9	NA	NA	ND(.014)	--	--	--	--	--	--
Methylene Chloride	0.1	NA	NA	0.011 J	--	--	--	--	--	--
Acetone	0.2	NA	NA	ND(.014)	--	--	--	--	--	--
Carbon Disulfide	2.7	NA	NA	ND(.014)	--	--	--	--	--	--
1,1-Dichloroethene	0.4	NA	NA	ND(.014)	--	--	--	--	--	--
1,1-Dichloroethane	0.2	NA	NA	ND(.014)	--	--	--	--	--	--
1,2-Dichloroethene (total)	0.3	NA	NA	ND(.014)	--	--	--	--	--	--
Chloroform	0.3	NA	NA	ND(.014)	--	--	--	--	--	--
1,2-Dichloroethane	0.2	NA	NA	ND(.014)	--	--	--	--	--	--
2-Butanone	0.3	NA	NA	ND(.014)	--	--	--	--	--	--
1,1,1-Trichloroethane	0.8	NA	NA	ND(.014)	--	--	--	--	--	--
Carbon Tetrachloride	0.6	NA	NA	ND(.014)	--	--	--	--	--	--
Bromodichloromethane	NA	NA	NA	ND(.014)	--	--	--	--	--	--
1,2,-Dichloropropane	NA	NA	NA	ND(.014)	--	--	--	--	--	--
cis-1,3-Dichloropropene	NA	NA	NA	ND(.014)	--	--	--	--	--	--
Trichloroethene	0.7	NA	NA	ND(.014)	--	--	--	--	--	--
Dibromochloromethane	NA	NA	NA	ND(.014)	--	--	--	--	--	--
1,1,2-Trichloroethane	NA	NA	NA	ND(.014)	--	--	--	--	--	--
Benzene	0.06	NA	NA	ND(.014)	--	--	--	--	--	--
trans-1,3-Dichloropropene	NA	NA	NA	ND(.014)	--	--	--	--	--	--
Bromoform	NA	NA	NA	ND(.014)	--	--	--	--	--	--
4-Methyl-2-Pentanone	1	NA	NA	ND(.014)	--	--	--	--	--	--
2-Hexanone	NA	NA	NA	ND(.014)	--	--	--	--	--	--
Tetrachloroethene	1.4	NA	NA	ND(.014)	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	0.6	NA	NA	ND(.014)	--	--	--	--	--	--
Toluene	1.5	NA	NA	ND(.014)	--	--	--	--	--	--
Chlorobenzene	1.7	NA	NA	ND(.014)	--	--	--	--	--	--
Ethylbenzene	5.5	NA	NA	ND(.014)	--	--	--	--	--	--
Styrene	NA	NA	NA	ND(.014)	--	--	--	--	--	--
Xylenes (total)	1.2	NA	NA	ND(.014)	--	--	--	--	--	--
Total Confident Conc. VOAs	10	NA	NA							
Total Estimated Conc. VOA TICs				0.037						

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CP-3	CS-8A	CS-8B	CS-10	CSH-1	CSH-2	CSH-3
Sample Depth				5-6 ft. bg.	0.5-1 ft. bg.	1.5-2 ft. bg.	0.5-1 ft. bg.	1-2 ft. bg.	1-2 ft. bg.	1-2 ft. bg.
Sample Date				6/18/1993	6/18/1993	6/18/1993	6/18/1993	6/21/1993	6/21/1993	6/21/1993
Sample Area					L	L				
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Semi-Volatile Organic Compounds (mg/kg)										
Analytical Dilution				1.42	1.18	1.27	15.75	28		
Phenol	0.03 or MDL	NA	NA	--	--	--	--	ND(9.200)	--	--
bis(2-Chloroethyl)ether	50	NA	NA	ND(.480)	ND(.390)	ND(.420)	ND(.380)	ND(9.200)	--	--
2-Chlorophenol	0.8	NA	NA	--	--	--	--	ND(9.200)*	--	--
1,3-Dichlorobenzene	50	NA	NA	ND(.480)	ND(.390)	ND(.420)	ND(.380)	ND(9.200)	--	--
1,4-Dichlorobenzene	50	NA	NA	ND(.480)	ND(.390)	ND(.420)	ND(.380)	ND(9.200)	--	--
1,2-Dichlorobenzene	50	NA	NA	ND(.480)	ND(.390)	ND(.420)	ND(.380)	ND(9.200)	--	--
2-Methylphenol	0.1 or MDL	NA	NA	--	--	--	--	ND(9.200)	--	--
2,2'-oxybis(1-Chloropropane)	50	NA	NA	ND(.480)	ND(.390)	ND(.420)	ND(.380)	ND(9.200)	--	--
4-Methylphenol	0.9	NA	NA	--	--	--	--	ND(9.200)*	--	--
N-Nitroso-di-n-propylamine	50	NA	NA	ND(.480)	ND(.390)	ND(.420)	ND(.380)	ND(9.200)	--	--
Hexachloroethane	50	NA	NA	ND(.480)	ND(.390)	ND(.420)	ND(.380)	ND(9.200)	--	--
Nitrobenzene	0.2 or MDL	NA	NA	ND(.480)	ND(.390)	ND(.420)	ND(.380)	ND(9.200)	--	--
Isophorone	4.4	NA	NA	ND(.480)	ND(.390)	ND(.420)	ND(.380)	ND(9.200)*	--	--
2-Nitrophenol	0.33 or MDL	NA	NA	--	--	--	--	ND(9.200)	--	--
2,4-Dimethylphenol	50	NA	NA	--	--	--	--	ND(9.200)	--	--
bis(2-Chloroethoxy) Methane	50	NA	NA	ND(.480)	ND(.390)	ND(.420)	ND(.380)	ND(9.200)	--	--
2,4-Dichlorophenol	0.4	NA	NA	--	--	--	--	ND(9.200)*	--	--
1,2,4-Trichlorobenzene	50	NA	NA	ND(.480)	ND(.390)	ND(.420)	ND(.380)	ND(9.200)	--	--
Napthalene	13	NA	ND-0.300 J	ND(.480)	ND(.390)	ND(.420)	0.220 J	ND(9.200)	--	--
4-Chloroaniline	0.22 or MDL	NA	NA	ND(.480)	ND(.390)	ND(.420)	ND(.380)	ND(9.200)	--	--
Hexachlorobutadiene	50	NA	NA	ND(.480)	ND(.390)	ND(.420)	ND(.380)	ND(9.200)	--	--
4-Chloro-3-methylphenol	0.24 or MDL	NA	NA	--	--	--	--	ND(9.200)	--	--
2-Methylnapthalene	36.4	NA	NT	ND(.480)	ND(.390)	ND(.420)	0.100 J	ND(9.200)	--	--
Hexachlorocyclopentadiene	50	NA	NA	ND(.480)	ND(.390)	ND(.420)	ND(.380)	ND(9.200)	--	--
2,4,6-Trichlorophenol	50	NA	NA	--	--	--	--	ND(9.200)	--	--
2,4,5-Trichlorophenol	0.1	NA	NA	--	--	--	--	ND(46.000)*	--	--
2-Chloronapthalene	50	NA	NA	ND(.480)	ND(.390)	ND(.420)	ND(.380)	ND(9.200)	--	--
2-Nitroaniline	0.43 or MDL	NA	NA	ND(2.40)	ND(1.90)	ND(2.10)	ND(1.90)	ND(46.000)	--	--
Dimethylphthalate	2	NA	NA	ND(.480)	ND(.390)	ND(.420)	ND(.380)	ND(9.200)	--	--
Acenaphthylene	41	NA	ND-0.190 J	ND(.480)	ND(.390)	ND(.420)	4.1	ND(9.200)	--	--
2,6-Dinitrotoluene	1	NA	NA	ND(.480)	ND(.390)	ND(.420)	ND(.380)	ND(9.200)	--	--
3-Nitroaniline	0.5 or MDL	NA	NA	ND(2.40)	ND(1.90)	ND(2.10)	ND(1.90)	ND(46.000)	--	--
Acenaphthene	50	NA	ND-0.360 J	ND(.480)	ND(.390)	ND(.420)	0.160 J	ND(9.200)	--	--
2,4-Dinitrophenol	0.2 or MDL	NA	NA	--	--	--	--	ND(46.000)	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CP-3	CS-8A	CS-8B	CS-10	CSH-1	CSH-2	CSH-3
Sample Depth				5-6 ft. bg.	0.5-1 ft. bg.	1.5-2 ft. bg.	0.5-1 ft. bg.	1-2 ft. bg.	1-2 ft. bg.	1-2 ft. bg.
Sample Date				6/18/1993	6/18/1993	6/18/1993	6/18/1993	6/21/1993	6/21/1993	6/21/1993
Sample Area					L	L				
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
4-Nitrophenol	0.1 or MDL	NA	NA	--	--	--	--	ND(46.000)	--	--
Dibenzofuran	6.2	NA	NT	ND(.480)	ND(.390)	ND(.420)	0.120 J	ND(9.200)	--	--
2,4-Dinitrotoluene	50	NA	NA	ND(.480)	ND(.390)	ND(.420)	ND(.380)	ND(9.200)	--	--
Diethylphthalate	7.1	NA	NA	ND(.480)	ND(.390)	ND(.420)	ND(.380)	ND(9.200)	--	--
4-Chlorophenyl-phenylether	50	NA	NA	ND(.480)	ND(.390)	ND(.420)	ND(.380)	ND(9.200)	--	--
Fluorene	50	NA	ND-0.330 J	ND(.480)	ND(.390)	ND(.420)	0.072 J	ND(9.200)	--	--
4-Nitroaniline	50	NA	NA	ND(2.400)	ND(1.900)	ND(2.100)	ND(1.900)	ND(46.000)	--	--
4,6-Dinitro-2-methylphenol	50	NA	NA	--	--	--	--	ND(46.000)	--	--
N-Nitrosodiphenylamine (1)	50	NA	NA	ND(.480)	ND(.390)	ND(.420)	ND(.380)	ND(9.200)	--	--
4-Bromophenyl-phenylether	50	NA	NA	ND(.480)	ND(.390)	ND(.420)	ND(.380)	ND(9.200)	--	--
Hexachlorobenzene	0.41	NA	NA	ND(.480)	ND(.390)	ND(.420)	ND(.380)	ND(9.200)	--	--
Pentachlorophenol	1 or MDL	NA	NA	--	--	--	--	ND(46.000)	--	--
Phenanthrene	50	NA	0.030 J-2.700	ND(.480)	0.091 J	ND(.420)	0.56	1.2 J	--	--
Anthracene	50	NA	ND-0.740	ND(.480)	ND(.390)	ND(.420)	2.2	ND(9.200)	--	--
Carbazole	50	NA	NT	ND(.480)	ND(.390)	ND(.420)	0.120 J	ND(9.200)	--	--
Di-n-butylphthalate	8.1	NA	NA	ND(.480)	ND(.390)	ND(.420)	ND(.390)	ND(9.200)	--	--
Fluoranthene	50	NA	0.068 J-3.600	0.050 J	0.150 J	ND(.420)	2.1	1.4 J	--	--
Pyrene	50	NA	0.057 J-3.500	ND(.480)	0.140 J	ND(.420)	3.2	5.7 J	--	--
Butylbenzylphthalate	50	NA	NA	ND(.480)	ND(.390)	ND(.420)	ND(.390)	1.1 J	--	--
3-3'-Dichlorobenzidine	50	NA	NA	ND(.480)	ND(.390)	ND(.420)	ND(.390)	ND(9.200)	--	--
Benzo(a)anthracene	0.224 or MDL	NA	0.032 J-1.700	ND(.480)	0.110 J	ND(.420)	2.8	ND(9.200)	--	--
Chrysene	0.4	NA	0.055 J-2.000	ND(.480)	0.190 J	ND(.420)	2.8	1.1 J	--	--
bis(2-Ethylhexyl)phthalate	50	NA	NT	0.061 JB	ND(.390)	ND(.420)	0.042 JB	ND(9.200)	--	--
Di-n-octylphthalate	50	NA	NA	ND(.480)	ND(.390)	ND(.420)	ND(.390)	ND(9.200)	--	--
Benzo(b)fluoranthene	1.1	NA	0.060-2.200	0.056 J	0.160 J	ND(.420)	6.6	ND(9.200)*	--	--
Benzo(k)fluoranthene	1.1	NA	0.020 J-0.820	ND(.480)	0.099 J	ND(.420)	3.4	ND(9.200)*	--	--
Benzo(a)pyrene	0.061 or MDL	NA	0.30 J-1.600	ND(.480)	0.076 J	ND(.420)	5.2	ND(9.200)	--	--
Indeno(1,2,3-cd)pyrene	3.2	NA	0.013 J-0.660	ND(.480)	0.051 J	ND(.420)	3.1	ND(9.200)	--	--
Dibenz(a,h)anthracene	0.014 or MDL	NA	0.015 J-0.190	ND(.480)	ND(.390)	ND(.420)	1.2	ND(9.200)	--	--
Benzo(g,h,i)Perylene	50	NA	0.013 J-0.600	ND(.480)	0.047 J	ND(.420)	3.3	ND(9.200)	--	--
Benzoic Acid	2.7	NA	NA	--	--	--	--	ND(9.200)*	--	--
Total Confident Conc. SVOCs	500	NA	NA				33.96			
Total Estimated Conc. SVOCs TICs			NT	3.64	5.51	5.4	14.9			
Metals (mg/kg)										
Aluminum	SB	33000	NA	16900	553	5210	2620	17800	--	--
Antimony	SB	NA	NA	21.3	25.7	28	9.3	17.7 J	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CP-3	CS-8A	CS-8B	CS-10	CSH-1	CSH-2	CSH-3
Sample Depth				5-6 ft. bg.	0.5-1 ft. bg.	1.5-2 ft. bg.	0.5-1 ft. bg.	1-2 ft. bg.	1-2 ft. bg.	1-2 ft. bg.
Sample Date				6/18/1993	6/18/1993	6/18/1993	6/18/1993	6/21/1993	6/21/1993	6/21/1993
Sample Area					L	L				
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Arsenic	7.5 or SB	3 - 12	3-12	25.1 J	541	31.2	7	2.9 J	--	--
Barium	300 or SB	15 - 600	NA	132	95.6	71.8	67.6	320	--	--
Beryllium	0.16 (HEAST) or SB	0 - 1.75	ND-1.75	1.2	0.13	0.16	0.49	1.4	--	--
Cadmium	1 or SB	0.1 - 1	0.1-1	ND(.45)	ND(.36)	ND(.40)	ND(.36)	ND(.43)	--	--
Calcium	SB	130 - 35000	NA	12600	549	2310	14500	9280 J	--	--
Chromium	10 or SB	1.5 - 40	1.5-40	18.3 J	5.4 J	16.0 J	9.6 J	15.7	--	--
Cobalt	30 or SB	2.5 - 60	NA	25.8	3	2.2	5.5	8.6 J	--	--
Copper	25 or SB	1 - 50	1-50	54.4	21	25.9	48.3	34.8	--	--
Iron	2000 or SB	2000 - 550000	NA	33200	65900	65700	12400	24440	--	--
Lead	SB	SB	200-500	54.3	22.6	27.4	36.9	51.4	--	--
Magnesium	SB	100 - 5000	NA	5540	51	853	494	2440	--	--
Manganese	SB	50 -5000	NA	803	8.1	32	88.7	230 J	--	--
Mercury	0.1	0.001 - 0.2	0.001-0.2	0.19	0.27	0.15	ND(.11)	ND(1.40)	--	--
Nickel	13 or SB	0.5 - 25	0.5-25	45.1	3	4.5	10	18.0 J	--	--
Potassium	SB	8500 - 43000	NA	1670	1320	1310	284	855	--	--
Selenium	2 or SB	0.1 - 3.9	0.1-3.9	ND(.16)	3.6 J	1 J	0.57	ND(.08)	--	--
Silver	SB	NA	NA	ND(1.30)	ND(1.10)	ND(1.10)	ND(1.00)	ND(1.30)	--	--
Sodium	SB	6000 - 8000	NA	136	1800	1740	74.9	4100	--	--
Thallium	SB	NA	NA	0.30 J	0.23 J	0.22 J	0.28 J	0.55	--	--
Vanadium	150 or SB	1 - 300	NA	26.1	44.5	13.7	12.7	12.3 J	--	--
Zinc	20 or SB	9 - 50	9-50	155 J	9.6 J	19.3 J	60.0 J	142 J	--	--
Cyanide	NA	NA	NA	--	--	--	--	ND(.31)	--	--
Hexavalent Chromium	NA	NA	NA	--	--	--	--	--	--	--
pH (Standard Units)				--	--	--	--	7.81	8.58	8.75
Pesticides (mg/kg)										
Analytical Dilution								165		
alpha BHC	0.11	NA	NA	--	--	--	--	ND(.280)*	--	--
beta BHC	0.2	NA	NA	--	--	--	--	ND(.280)*	--	--
delta BHC	0.3	NA	NA	--	--	--	--	ND(.280)	--	--
gamma BHC	0.06	NA	NA	--	--	--	--	ND(.280)	--	--
Heptachlor	0.1	NA	NA	--	--	--	--	ND(.280)*	--	--
Aldrin	0.041	NA	NA	--	--	--	--	ND(.280)	--	--
Heptachlor epoxide	0.02	NA	NA	--	--	--	--	ND(.280)	--	--
Endosulfan I	0.9	NA	NA	--	--	--	--	ND(.280)	--	--
Dieldrin	0.044	NA	NA	--	--	--	--	ND(.280)*	--	--
4,4'-DDE	2.1	NA	NA	--	--	--	--	ND(.280)	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CP-3	CS-8A	CS-8B	CS-10	CSH-1	CSH-2	CSH-3
Sample Depth				5-6 ft. bg.	0.5-1 ft. bg.	1.5-2 ft. bg.	0.5-1 ft. bg.	1-2 ft. bg.	1-2 ft. bg.	1-2 ft. bg.
Sample Date				6/18/1993	6/18/1993	6/18/1993	6/18/1993	6/21/1993	6/21/1993	6/21/1993
Sample Area					L	L				
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M	D&M
Endrin	0.1	NA	NA	--	--	--	--	ND(.280)*	--	--
Endosulfan II	0.9	NA	NA	--	--	--	--	ND(.280)	--	--
4,4'-DDD	2.9	NA	NA	--	--	--	--	ND(.280)	--	--
Endosulfan sulfate	1	NA	NA	--	--	--	--	ND(.280)	--	--
4,4'-DDT	2.1	NA	NA	--	--	--	--	ND(.280)	--	--
Methoxychlor	10	NA	NA	--	--	--	--	--	--	--
Endrin ketone	NA	NA	NA	--	--	--	--	--	--	--
Endrin Aldehyde	NA	NA	NA	--	--	--	--	ND(.280)	--	--
alpha-Chlordane	0.54	NA	NA	--	--	--	--	ND(.280)	--	--
gamma-Chlordane	0.54	NA	NA	--	--	--	--	ND(.280)	--	--
Toxaphene	NA	NA	NA	--	--	--	--	ND(9.300)	--	--
PCBs (mg/kg)										
Analytical Dilution										
Aroclor-1016	1 (surface)	NA	NA	--	--	--	--	ND(.046)	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1221	1 (surface)	NA	NA	--	--	--	--	ND(.093)	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1232	1 (surface)	NA	NA	--	--	--	--	ND(.046)	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1242	1 (surface)	NA	NA	--	--	--	--	ND(.046)	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1248	1 (surface)	NA	NA	--	--	--	--	ND(.046)	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1254	1 (surface)	NA	NA	--	--	--	--	ND(.046)	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1260	1 (surface)	NA	NA	--	--	--	--	ND(.046)	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Total PCBs										

Refer to Table IV for Notes

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CSH-4	CS1-1A	CS1-1B	CS1-2	CS1-3	CS1-4
Sample Depth				1-2 ft. bg.	4-5 ft. bg.	1-1.5 ft. bg.	1-1.5 ft. bg.	5-5.5 ft. bg.	1-1.5 ft. bg.
Sample Date				6/21/1993	6/22/1993	6/22/1993	6/22/1993	6/22/1993	6/22/1993
Sample Area									
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M
Volatile Organic Compounds (mg/kg)									
Analytical Dilution					300	1500	1.2	1.2	1.1
Chloromethane	NA	NA	NA	--	ND(3.000)	ND(15.000)	ND(.012)	ND(.012)	ND(.011)
Bromomethane	NA	NA	NA	--	ND(3.000)	ND(15.000)	ND(.012)	ND(.012)	ND(.011)
Vinyl Chloride	0.2	NA	NA	--	ND(3.000)*	ND(15.000)*	ND(.012)	ND(.012)	ND(.011)
Chloroethane	1.9	NA	NA	--	ND(3.000)*	ND(15.000)*	ND(.012)	ND(.012)	ND(.011)
Methylene Chloride	0.1	NA	NA	--	ND(3.000)*	28	0.019 B	0.014 B	0.019 B
Acetone	0.2	NA	NA	--	6.8	ND(15.000)*	ND(.012)	ND(.012)	ND(.011)
Carbon Disulfide	2.7	NA	NA	--	ND(3.000)*	ND(15.000)*	ND(.012)	ND(.012)	ND(.011)
1,1-Dichloroethene	0.4	NA	NA	--	ND(3.000)*	ND(15.000)*	ND(.012)	ND(.012)	ND(.011)
1,1-Dichloroethane	0.2	NA	NA	--	ND(3.000)*	ND(15.000)*	ND(.012)	ND(.012)	ND(.011)
1,2-Dichloroethene (total)	0.3	NA	NA	--	ND(3.000)*	ND(15.000)*	ND(.012)	ND(.012)	ND(.011)
Chloroform	0.3	NA	NA	--	ND(3.000)*	ND(15.000)*	ND(.012)	ND(.012)	ND(.011)
1,2-Dichloroethane	0.2	NA	NA	--	ND(3.000)*	ND(15.000)*	ND(.012)	ND(.012)	ND(.011)
2-Butanone	0.3	NA	NA	--	R	R	ND(.012)	ND(.012)	ND(.011)
1,1,1-Trichloroethane	0.8	NA	NA	--	ND(3.000)*	ND(15.000)*	ND(.012)	ND(.012)	ND(.011)
Carbon Tetrachloride	0.6	NA	NA	--	ND(3.000)*	ND(15.000)*	ND(.012)	ND(.012)	ND(.011)
Bromodichloromethane	NA	NA	NA	--	ND(3.000)	ND(15.000)	ND(.012)	ND(.012)	ND(.011)
1,2,-Dichloropropane	NA	NA	NA	--	ND(3.000)	ND(15.000)	ND(.012)	ND(.012)	ND(.011)
cis-1,3-Dichloropropene	NA	NA	NA	--	ND(3.000)	ND(15.000)	ND(.012)	ND(.012)	ND(.011)
Trichloroethene	0.7	NA	NA	--	ND(3.000)*	ND(15.000)*	ND(.012)	ND(.012)	ND(.011)
Dibromochloromethane	NA	NA	NA	--	ND(3.000)	ND(15.000)	ND(.012)	ND(.012)	ND(.011)
1,1,2-Trichloroethane	NA	NA	NA	--	ND(3.000)	ND(15.000)	ND(.012)	ND(.012)	ND(.011)
Benzene	0.06	NA	NA	--	ND(3.000)*	ND(15.000)*	ND(.012)	ND(.012)	ND(.011)
trans-1,3-Dichloropropene	NA	NA	NA	--	ND(3.000)	ND(15.000)	ND(.012)	ND(.012)	ND(.011)
Bromoform	NA	NA	NA	--	ND(3.000)	ND(15.000)	ND(.012)	ND(.012)	ND(.011)
4-Methyl-2-Pentanone	1	NA	NA	--	ND(3.000)*	ND(15.000)*	ND(.012)	ND(.012)	ND(.011)
2-Hexanone	NA	NA	NA	--	ND(3.000)	ND(15.000)	ND(.012)	ND(.012)	ND(.011)
Tetrachloroethene	1.4	NA	NA	--	ND(3.000)*	ND(15.000)*	ND(.012)	ND(.012)	ND(.011)
1,1,2,2-Tetrachloroethane	0.6	NA	NA	--	ND(3.000)*	ND(15.000)*	ND(.012)	ND(.012)	ND(.011)
Toluene	1.5	NA	NA	--	ND(3.000)*	ND(15.000)*	ND(.012)	ND(.012)	0.005 J
Chlorobenzene	1.7	NA	NA	--	ND(3.000)*	ND(15.000)*	ND(.012)	ND(.012)	ND(.011)
Ethylbenzene	5.5	NA	NA	--	ND(3.000)	ND(15.000)	ND(.012)	ND(.012)	ND(.011)
Styrene	NA	NA	NA	--	ND(3.000)	ND(15.000)	ND(.012)	ND(.012)	ND(.011)
Xylenes (total)	1.2	NA	NA	--	ND(3.000)*	ND(15.000)*	ND(.012)	ND(.012)	ND(.011)
Total Confident Conc. VOAs	10	NA	NA		6.8	28			
Total Estimated Conc. VOA TICs					130.7	1489.7	0.007		0.007

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CSH-4	CS1-1A	CS1-1B	CS1-2	CS1-3	CS1-4
Sample Depth				1-2 ft. bg.	4-5 ft. bg.	1-1.5 ft. bg.	1-1.5 ft. bg.	5-5.5 ft. bg.	1-1.5 ft. bg.
Sample Date				6/21/1993	6/22/1993	6/22/1993	6/22/1993	6/22/1993	6/22/1993
Sample Area									
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M
Semi-Volatile Organic Compounds (mg/kg)									
Analytical Dilution									
Phenol	0.03 or MDL	NA	NA	--	--	--	--	--	--
bis(2-Chloroethyl)ether	50	NA	NA	--	--	--	--	--	--
2-Chlorophenol	0.8	NA	NA	--	--	--	--	--	--
1,3-Dichlorobenzene	50	NA	NA	--	--	--	--	--	--
1,4-Dichlorobenzene	50	NA	NA	--	--	--	--	--	--
1,2-Dichlorobenzene	50	NA	NA	--	--	--	--	--	--
2-Methylphenol	0.1 or MDL	NA	NA	--	--	--	--	--	--
2,2'-oxybis(1-Chloropropane)	50	NA	NA	--	--	--	--	--	--
4-Methylphenol	0.9	NA	NA	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	50	NA	NA	--	--	--	--	--	--
Hexachloroethane	50	NA	NA	--	--	--	--	--	--
Nitrobenzene	0.2 or MDL	NA	NA	--	--	--	--	--	--
Isophorone	4.4	NA	NA	--	--	--	--	--	--
2-Nitrophenol	0.33 or MDL	NA	NA	--	--	--	--	--	--
2,4-Dimethylphenol	50	NA	NA	--	--	--	--	--	--
bis(2-Chloroethoxy) Methane	50	NA	NA	--	--	--	--	--	--
2,4-Dichlorophenol	0.4	NA	NA	--	--	--	--	--	--
1,2,4-Trichlorobenzene	50	NA	NA	--	--	--	--	--	--
Napthalene	13	NA	ND-0.300 J	--	--	--	--	--	--
4-Chloroaniline	0.22 or MDL	NA	NA	--	--	--	--	--	--
Hexachlorobutadiene	50	NA	NA	--	--	--	--	--	--
4-Chloro-3-methylphenol	0.24 or MDL	NA	NA	--	--	--	--	--	--
2-Methylnapthalene	36.4	NA	NT	--	--	--	--	--	--
Hexachlorocyclopentadiene	50	NA	NA	--	--	--	--	--	--
2,4,6-Trichlorophenol	50	NA	NA	--	--	--	--	--	--
2,4,5-Trichlorophenol	0.1	NA	NA	--	--	--	--	--	--
2-Chloronaphthalene	50	NA	NA	--	--	--	--	--	--
2-Nitroaniline	0.43 or MDL	NA	NA	--	--	--	--	--	--
Dimethylphthalate	2	NA	NA	--	--	--	--	--	--
Acenaphthylene	41	NA	ND-0.190 J	--	--	--	--	--	--
2,6-Dinitrotoluene	1	NA	NA	--	--	--	--	--	--
3-Nitroaniline	0.5 or MDL	NA	NA	--	--	--	--	--	--
Acenaphthene	50	NA	ND-0.360 J	--	--	--	--	--	--
2,4-Dinitrophenol	0.2 or MDL	NA	NA	--	--	--	--	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CSH-4	CS1-1A	CS1-1B	CS1-2	CS1-3	CS1-4
Sample Depth				1-2 ft. bg.	4-5 ft. bg.	1-1.5 ft. bg.	1-1.5 ft. bg.	5-5.5 ft. bg.	1-1.5 ft. bg.
Sample Date				6/21/1993	6/22/1993	6/22/1993	6/22/1993	6/22/1993	6/22/1993
Sample Area									
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M
4-Nitrophenol	0.1 or MDL	NA	NA	--	--	--	--	--	--
Dibenzofuran	6.2	NA	NT	--	--	--	--	--	--
2,4-Dinitrotoluene	50	NA	NA	--	--	--	--	--	--
Diethylphthalate	7.1	NA	NA	--	--	--	--	--	--
4-Chlorophenyl-phenylether	50	NA	NA	--	--	--	--	--	--
Fluorene	50	NA	ND-0.330 J	--	--	--	--	--	--
4-Nitroaniline	50	NA	NA	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	50	NA	NA	--	--	--	--	--	--
N-Nitrosodiphenylamine (1)	50	NA	NA	--	--	--	--	--	--
4-Bromophenyl-phenylether	50	NA	NA	--	--	--	--	--	--
Hexachlorobenzene	0.41	NA	NA	--	--	--	--	--	--
Pentachlorophenol	1 or MDL	NA	NA	--	--	--	--	--	--
Phenanthrene	50	NA	0.030 J-2.700	--	--	--	--	--	--
Anthracene	50	NA	ND-0.740	--	--	--	--	--	--
Carbazole	50	NA	NT	--	--	--	--	--	--
Di-n-butylphthalate	8.1	NA	NA	--	--	--	--	--	--
Fluoranthene	50	NA	0.068 J-3.600	--	--	--	--	--	--
Pyrene	50	NA	0.057 J-3.500	--	--	--	--	--	--
Butylbenzylphthalate	50	NA	NA	--	--	--	--	--	--
3-3'-Dichlorobenzidine	50	NA	NA	--	--	--	--	--	--
Benzo(a)anthracene	0.224 or MDL	NA	0.032 J-1.700	--	--	--	--	--	--
Chrysene	0.4	NA	0.055 J-2.000	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	50	NA	NT	--	--	--	--	--	--
Di-n-octylphthalate	50	NA	NA	--	--	--	--	--	--
Benzo(b)fluoranthene	1.1	NA	0.060-2.200	--	--	--	--	--	--
Benzo(k)fluoranthene	1.1	NA	0.020 J-0.820	--	--	--	--	--	--
Benzo(a)pyrene	0.061 or MDL	NA	0.30 J-1.600	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	3.2	NA	0.013 J-0.660	--	--	--	--	--	--
Dibenz(a,h)anthracene	0.014 or MDL	NA	0.015 J-0.190	--	--	--	--	--	--
Benzo(g,h,i)Perylene	50	NA	0.013 J-0.600	--	--	--	--	--	--
Benzoic Acid	2.7	NA	NA	--	--	--	--	--	--
Total Confident Conc. SVOCs	500	NA	NA						
Total Estimated Conc. SVOCs TICs			NT						
Metals (mg/kg)									
Aluminum	SB	33000	NA	--	--	--	--	--	--
Antimony	SB	NA	NA	--	--	--	--	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CSH-4	CS1-1A	CS1-1B	CS1-2	CS1-3	CS1-4
Sample Depth				1-2 ft. bg.	4-5 ft. bg.	1-1.5 ft. bg.	1-1.5 ft. bg.	5-5.5 ft. bg.	1-1.5 ft. bg.
Sample Date				6/21/1993	6/22/1993	6/22/1993	6/22/1993	6/22/1993	6/22/1993
Sample Area									
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M
Arsenic	7.5 or SB	3 - 12	3-12	--	--	--	--	--	--
Barium	300 or SB	15 - 600	NA	--	--	--	--	--	--
Beryllium	0.16 (HEAST) or SB	0 - 1.75	ND-1.75	--	--	--	--	--	--
Cadmium	1 or SB	0.1 - 1	0.1-1	--	--	--	--	--	--
Calcium	SB	130 - 35000	NA	--	--	--	--	--	--
Chromium	10 or SB	1.5 - 40	1.5-40	--	--	--	--	--	--
Cobalt	30 or SB	2.5 - 60	NA	--	--	--	--	--	--
Copper	25 or SB	1 - 50	1-50	--	--	--	--	--	--
Iron	2000 or SB	2000 - 550000	NA	--	--	--	--	--	--
Lead	SB	SB	200-500	--	--	--	--	--	--
Magnesium	SB	100 - 5000	NA	--	--	--	--	--	--
Manganese	SB	50 -5000	NA	--	--	--	--	--	--
Mercury	0.1	0.001 - 0.2	0.001-0.2	--	--	--	--	--	--
Nickel	13 or SB	0.5 - 25	0.5-25	--	--	--	--	--	--
Potassium	SB	8500 - 43000	NA	--	--	--	--	--	--
Selenium	2 or SB	0.1 - 3.9	0.1-3.9	--	--	--	--	--	--
Silver	SB	NA	NA	--	--	--	--	--	--
Sodium	SB	6000 - 8000	NA	--	--	--	--	--	--
Thallium	SB	NA	NA	--	--	--	--	--	--
Vanadium	150 or SB	1 - 300	NA	--	--	--	--	--	--
Zinc	20 or SB	9 - 50	9-50	--	--	--	--	--	--
Cyanide	NA	NA	NA	--	--	--	--	--	--
Hexavalent Chromium	NA	NA	NA	--	--	--	--	--	--
pH (Standard Units)				8.41	--	--	--	--	--
Pesticides (mg/kg)									
Analytical Dilution									
alpha BHC	0.11	NA	NA	--	--	--	--	--	--
beta BHC	0.2	NA	NA	--	--	--	--	--	--
delta BHC	0.3	NA	NA	--	--	--	--	--	--
gamma BHC	0.06	NA	NA	--	--	--	--	--	--
Heptachlor	0.1	NA	NA	--	--	--	--	--	--
Aldrin	0.041	NA	NA	--	--	--	--	--	--
Heptachlor epoxide	0.02	NA	NA	--	--	--	--	--	--
Endosulfan I	0.9	NA	NA	--	--	--	--	--	--
Dieldrin	0.044	NA	NA	--	--	--	--	--	--
4,4'-DDE	2.1	NA	NA	--	--	--	--	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CSH-4	CS1-1A	CS1-1B	CS1-2	CS1-3	CS1-4
Sample Depth				1-2 ft. bg.	4-5 ft. bg.	1-1.5 ft. bg.	1-1.5 ft. bg.	5-5.5 ft. bg.	1-1.5 ft. bg.
Sample Date				6/21/1993	6/22/1993	6/22/1993	6/22/1993	6/22/1993	6/22/1993
Sample Area									
Sampled By				D&M	D&M	D&M	D&M	D&M	D&M
Endrin	0.1	NA	NA	--	--	--	--	--	--
Endosulfan II	0.9	NA	NA	--	--	--	--	--	--
4,4'-DDD	2.9	NA	NA	--	--	--	--	--	--
Endosulfan sulfate	1	NA	NA	--	--	--	--	--	--
4,4'-DDT	2.1	NA	NA	--	--	--	--	--	--
Methoxychlor	10	NA	NA	--	--	--	--	--	--
Endrin ketone	NA	NA	NA	--	--	--	--	--	--
Endrin Aldehyde	NA	NA	NA	--	--	--	--	--	--
alpha-Chlordane	0.54	NA	NA	--	--	--	--	--	--
gamma-Chlordane	0.54	NA	NA	--	--	--	--	--	--
Toxaphene	NA	NA	NA	--	--	--	--	--	--
PCBs (mg/kg)									
Analytical Dilution									
Aroclor-1016	1 (surface)	NA	NA	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--
Aroclor-1221	1 (surface)	NA	NA	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--
Aroclor-1232	1 (surface)	NA	NA	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--
Aroclor-1242	1 (surface)	NA	NA	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--
Aroclor-1248	1 (surface)	NA	NA	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--
Aroclor-1254	1 (surface)	NA	NA	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--
Aroclor-1260	1 (surface)	NA	NA	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--
Total PCBs									

Refer to Table IV for Notes

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CS1-5	CS1-X	RFA-1	RFA-2	SS-3	CFJ-01	CFJ-05
Sample Depth				405 ft. bg.	1-1.5 ft. bg.	10-12 ft. bg.	6-8 ft. bg.	0-2 ft. bg.	8-10 ft. bg.	15-17 ft. bg.
Sample Date				6/22/1993	6/22/1993	6/17/1993	6/17/1993	6/15/1993	2/7/2001	2/14/2001
Sample Area										
Sampled By				D&M	D&M	D&M	D&M	D&M	CD&M	CD&M
Volatile Organic Compounds (mg/kg)										
Analytical Dilution				1.3	150	1.2	1.2	1.08		
Chloromethane	NA	NA	NA	ND(.013)	ND(1.500)	ND(.012)	ND(.012)	ND(.011)	--	--
Bromomethane	NA	NA	NA	ND(.013)	ND(1.500)	0.012 J	0.012 J	ND(.011)	--	--
Vinyl Chloride	0.2	NA	NA	ND(.013)	ND(1.500)*	ND(.012)	ND(.012)	ND(.011)	--	--
Chloroethane	1.9	NA	NA	ND(.013)	ND(1.500)*	ND(.012)	ND(.012)	ND(.011)	--	--
Methylene Chloride	0.1	NA	NA	0.087	3.3	ND(.012)	0.007 JB	0.008 JB	--	--
Acetone	0.2	NA	NA	ND(.013)	ND(1.500)*	0.012 JB	0.064 JB	ND(.011)	--	--
Carbon Disulfide	2.7	NA	NA	ND(.013)	ND(1.500)*	ND(.012)	ND(.012)	ND(.011)	--	--
1,1-Dichloroethene	0.4	NA	NA	ND(.013)	ND(1.500)*	ND(.012)	ND(.012)	ND(.011)	--	--
1,1-Dichloroethane	0.2	NA	NA	ND(.013)	ND(1.500)*	ND(.012)	ND(.012)	ND(.011)	--	--
1,2-Dichloroethene (total)	0.3	NA	NA	ND(.013)	ND(1.500)*	ND(.012)	ND(.012)	ND(.011)	--	--
Chloroform	0.3	NA	NA	ND(.013)	ND(1.500)*	ND(.012)	ND(.012)	ND(.011)	--	--
1,2-Dichloroethane	0.2	NA	NA	ND(.013)	ND(1.500)*	ND(.012)	ND(.012)	ND(.011)	--	--
2-Butanone	0.3	NA	NA	ND(.013)	R	ND(.012)	ND(.012)	ND(.011)	--	--
1,1,1-Trichloroethane	0.8	NA	NA	ND(.013)	ND(1.500)*	ND(.012)	ND(.012)	ND(.011)	--	--
Carbon Tetrachloride	0.6	NA	NA	ND(.013)	ND(1.500)*	ND(.012)	ND(.012)	ND(.011)	--	--
Bromodichloromethane	NA	NA	NA	ND(.013)	ND(1.500)	ND(.012)	ND(.012)	ND(.011)	--	--
1,2,-Dichloropropane	NA	NA	NA	ND(.013)	ND(1.500)	ND(.012)	ND(.012)	ND(.011)	--	--
cis-1,3-Dichloropropene	NA	NA	NA	ND(.013)	ND(1.500)	ND(.012)	ND(.012)	ND(.011)	--	--
Trichloroethene	0.7	NA	NA	ND(.013)	ND(1.500)*	ND(.012)	ND(.012)	ND(.011)	--	--
Dibromochloromethane	NA	NA	NA	ND(.013)	ND(1.500)	ND(.012)	ND(.012)	ND(.011)	--	--
1,1,2-Trichloroethane	NA	NA	NA	ND(.013)	ND(1.500)	ND(.012)	ND(.012)	ND(.011)	--	--
Benzene	0.06	NA	NA	ND(.013)	ND(1.500)*	ND(.012)	ND(.012)	ND(.011)	--	--
trans-1,3-Dichloropropene	NA	NA	NA	ND(.013)	ND(1.500)	ND(.012)	ND(.012)	ND(.011)	--	--
Bromoform	NA	NA	NA	ND(.013)	ND(1.500)	ND(.012)	ND(.012)	ND(.011)	--	--
4-Methyl-2-Pentanone	1	NA	NA	ND(.013)	ND(1.500)*	ND(.012)	ND(.012)	ND(.011)	--	--
2-Hexanone	NA	NA	NA	ND(.013)	ND(1.500)	ND(.012)	ND(.012)	ND(.011)	--	--
Tetrachloroethene	1.4	NA	NA	ND(.013)	ND(1.500)*	ND(.012)	ND(.012)	ND(.011)	--	--
1,1,2,2-Tetrachloroethane	0.6	NA	NA	ND(.013)	ND(1.500)*	ND(.012)	ND(.012)	ND(.011)	--	--
Toluene	1.5	NA	NA	ND(.013)	0.250 J	ND(.012)	ND(.012)	ND(.011)	--	--
Chlorobenzene	1.7	NA	NA	ND(.013)	ND(1.500)*	ND(.012)	ND(.012)	ND(.011)	--	--
Ethylbenzene	5.5	NA	NA	ND(.013)	ND(1.500)	ND(.012)	ND(.012)	ND(.011)	--	--
Styrene	NA	NA	NA	ND(.013)	ND(1.500)	ND(.012)	ND(.012)	ND(.011)	--	--
Xylenes (total)	1.2	NA	NA	ND(.013)	ND(1.500)*	ND(.012)	ND(.012)	ND(.011)	--	--
Total Confident Conc. VOAs	10	NA	NA		3.3					
Total Estimated Conc. VOA TICs				0.114	39.63					

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CS1-5	CS1-X	RFA-1	RFA-2	SS-3	CFJ-01	CFJ-05
Sample Depth				405 ft. bg.	1-1.5 ft. bg.	10-12 ft. bg.	6-8 ft. bg.	0-2 ft. bg.	8-10 ft. bg.	15-17 ft. bg.
Sample Date				6/22/1993	6/22/1993	6/17/1993	6/17/1993	6/15/1993	2/7/2001	2/14/2001
Sample Area										
Sampled By				D&M	D&M	D&M	D&M	D&M	CD&M	CD&M
Semi-Volatile Organic Compounds (mg/kg) Analytical Dilution					12.4	1.2	1.2	8.78		
Phenol	0.03 or MDL	NA	NA	--	ND(4.100)	ND(.390)	ND(.410)	ND(2.900)	--	--
bis(2-Chloroethyl)ether	50	NA	NA	--	ND(4.100)	ND(.390)	ND(.410)	ND(2.900)	--	--
2-Chlorophenol	0.8	NA	NA	--	ND(4.100)	ND(.390)	ND(.410)	ND(2.900)	--	--
1,3-Dichlorobenzene	50	NA	NA	--	ND(4.100)	ND(.390)	ND(.410)	ND(2.900)	--	--
1,4-Dichlorobenzene	50	NA	NA	--	ND(4.100)	ND(.390)	ND(.410)	ND(2.900)	--	--
1,2-Dichlorobenzene	50	NA	NA	--	ND(4.100)	ND(.390)	ND(.410)	ND(2.900)	--	--
2-Methylphenol	0.1 or MDL	NA	NA	--	ND(4.100)	ND(.390)	ND(.410)	ND(2.900)	--	--
2,2'-oxybis(1-Chloropropane)	50	NA	NA	--	ND(4.100)	ND(.390)	ND(.410)	ND(2.900)	--	--
4-Methylphenol	0.9	NA	NA	--	ND(4.100)	ND(.390)	ND(.410)	ND(2.900)*	--	--
N-Nitroso-di-n-propylamine	50	NA	NA	--	ND(4.100)	ND(.390)	ND(.410)	ND(2.900)	--	--
Hexachloroethane	50	NA	NA	--	ND(4.100)	ND(.390)	ND(.410)	ND(2.900)	--	--
Nitrobenzene	0.2 or MDL	NA	NA	--	ND(4.100)	ND(.390)	ND(.410)	ND(2.900)	--	--
Isophorone	4.4	NA	NA	--	ND(4.100)	ND(.390)	ND(.410)	ND(2.900)	--	--
2-Nitrophenol	0.33 or MDL	NA	NA	--	ND(4.100)	ND(.390)	ND(.410)	ND(2.900)	--	--
2,4-Dimethylphenol	50	NA	NA	--	ND(4.100)	ND(.390)	ND(.410)	ND(2.900)	--	--
bis(2-Chloroethoxy) Methane	50	NA	NA	--	ND(4.100)	ND(.390)	ND(.410)	ND(2.900)	--	--
2,4-Dichlorophenol	0.4	NA	NA	--	ND(4.100)*	ND(.390)	ND(.410)	ND(2.900)*	--	--
1,2,4-Trichlorobenzene	50	NA	NA	--	ND(4.100)	ND(.390)	ND(.410)	ND(2.900)	--	--
Napthalene	13	NA	ND-0.300 J	--	ND(4.100)	ND(.390)	ND(.410)	0.68 J	--	--
4-Chloroaniline	0.22 or MDL	NA	NA	--	ND(4.100)	ND(.390)	ND(.410)	ND(2.900)	--	--
Hexachlorobutadiene	50	NA	NA	--	ND(4.100)	ND(.390)	ND(.410)	ND(2.900)	--	--
4-Chloro-3-methylphenol	0.24 or MDL	NA	NA	--	ND(4.100)	ND(.390)	ND(.410)	ND(2.900)	--	--
2-Methylnapthalene	36.4	NA	NT	--	ND(4.100)	ND(.390)	ND(.410)	0.3 J	--	--
Hexachlorocyclopentadiene	50	NA	NA	--	ND(4.100)	ND(.390)	ND(.410)	ND(2.900)	--	--
2,4,6-Trichlorophenol	50	NA	NA	--	ND(4.100)	ND(.390)	ND(.410)	ND(2.900)	--	--
2,4,5-Trichlorophenol	0.1	NA	NA	--	ND(20.000)*	ND(2.000)*	ND(2.000)*	ND(14.000)*	--	--
2-Chloronaphthalene	50	NA	NA	--	ND(4.100)	ND(.390)	ND(.410)	ND(2.900)	--	--
2-Nitroaniline	0.43 or MDL	NA	NA	--	ND(20.000)	ND(2.000)	ND(2.000)	ND(14.000)	--	--
Dimethylphthalate	2	NA	NA	--	ND(4.100)	ND(.390)	ND(.410)	ND(2.900)*	--	--
Acenaphthylene	41	NA	ND-0.190 J	--	ND(4.100)	ND(.390)	ND(.410)	0.21 J	--	--
2,6-Dinitrotoluene	1	NA	NA	--	ND(4.100)	ND(.390)	ND(.410)	ND(2.900)*	--	--
3-Nitroaniline	0.5 or MDL	NA	NA	--	ND(20.000)	ND(2.000)	ND(2.000)	ND(14.000)	--	--
Acenaphthene	50	NA	ND-0.360 J	--	ND(4.100)	ND(.390)	ND(.410)	1.4 J	--	--
2,4-Dinitrophenol	0.2 or MDL	NA	NA	--	ND(20.000)	ND(2.000)	ND(2.000)	ND(14.000)	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CS1-5	CS1-X	RFA-1	RFA-2	SS-3	CFJ-01	CFJ-05
Sample Depth				405 ft. bg.	1-1.5 ft. bg.	10-12 ft. bg.	6-8 ft. bg.	0-2 ft. bg.	8-10 ft. bg.	15-17 ft. bg.
Sample Date				6/22/1993	6/22/1993	6/17/1993	6/17/1993	6/15/1993	2/7/2001	2/14/2001
Sample Area										
Sampled By				D&M	D&M	D&M	D&M	D&M	CD&M	CD&M
4-Nitrophenol	0.1 or MDL	NA	NA	--	ND(20.000)	ND(2.000)	ND(2.000)	ND(14.000)	--	--
Dibenzofuran	6.2	NA	NT	--	ND(4.100)	ND(.390)	ND(.410)	0.840 J	--	--
2,4-Dinitrotoluene	50	NA	NA	--	ND(4.100)	ND(.390)	ND(.410)	ND(2.900)	--	--
Diethylphthalate	7.1	NA	NA	--	ND(4.100)	ND(.390)	ND(.410)	ND(2.900)	--	--
4-Chlorophenyl-phenylether	50	NA	NA	--	ND(4.100)	ND(.390)	ND(.410)	ND(2.900)	--	--
Fluorene	50	NA	ND-0.330 J	--	ND(4.100)	ND(.390)	ND(.410)	1.4 J	--	--
4-Nitroaniline	50	NA	NA	--	ND(20.000)	ND(2.000)	ND(2.000)	ND(14.000)	--	--
4,6-Dinitro-2-methylphenol	50	NA	NA	--	ND(20.000)	ND(2.000)	ND(2.000)	ND(14.000)	--	--
N-Nitrosodiphenylamine (1)	50	NA	NA	--	ND(4.100)	ND(.390)	ND(.410)	ND(2.900)	--	--
4-Bromophenyl-phenylether	50	NA	NA	--	ND(4.100)	ND(.390)	ND(.410)	ND(2.900)	--	--
Hexachlorobenzene	0.41	NA	NA	--	ND(4.100)	ND(.390)	ND(.410)	ND(2.900)	--	--
Pentachlorophenol	1 or MDL	NA	NA	--	ND(20.000)	ND(2.000)	ND(2.000)	ND(14.000)	--	--
Phenanthrene	50	NA	0.030 J-2.700	--	0.470 J	ND(.390)	ND(.410)	9.1	--	1.8
Anthracene	50	NA	ND-0.740	--	ND(4.100)	ND(.390)	ND(.410)	3	--	--
Carbazole	50	NA	NT	--	ND(4.100)	ND(.390)	ND(.410)	1.4 J	--	--
Di-n-butylphthalate	8.1	NA	NA	--	ND(4.100)	ND(.390)	ND(.410)	ND(2.900)	--	--
Fluoranthene	50	NA	0.068 J-3.600	--	0.720 J	ND(.390)	ND(.410)	12	--	2.4
Pyrene	50	NA	0.057 J-3.500	--	0.780 J	ND(.390)	ND(.410)	12	--	1.5
Butylbenzylphthalate	50	NA	NA	--	0.700 J	ND(.390)	ND(.410)	ND(2.900)	--	--
3-3'-Dichlorobenzidine	50	NA	NA	--	ND(4.100)	ND(.390)	ND(.410)	ND(2.900)	--	--
Benzo(a)anthracene	0.224 or MDL	NA	0.032 J-1.700	--	0.410 J	ND(.390)	ND(.410)	8.2	--	0.78
Chrysene	0.4	NA	0.055 J-2.000	--	0.480 J	ND(.390)	ND(.410)	11	--	0.82
bis(2-Ethylhexyl)phthalate	50	NA	NT	--	ND(4.100)	0.041 JB	0.084 JB	1.7 JB	--	--
Di-n-octylphthalate	50	NA	NA	--	ND(4.100)	ND(.390)	ND(.410)	ND(2.900)	--	--
Benzo(b)fluoranthene	1.1	NA	0.060-2.200	--	0.740 J	ND(.390)	ND(.410)	11	--	0.59
Benzo(k)fluoranthene	1.1	NA	0.020 J-0.820	--	ND(4.100)*	ND(.390)	ND(.410)	11	--	0.59
Benzo(a)pyrene	0.061 or MDL	NA	0.30 J-1.600	--	ND(4.100)	ND(.390)	ND(.410)	8.6	--	0.64
Indeno(1,2,3-cd)pyrene	3.2	NA	0.013 J-0.660	--	0.470 J	ND(.390)	ND(.410)	2.8 J	--	--
Dibenz(a,h)anthracene	0.014 or MDL	NA	0.015 J-0.190	--	ND(4.100)	ND(.390)	ND(.410)	1.1 J	--	--
Benzo(g,h,i)Perylene	50	NA	0.013 J-0.600	--	0.560 J	ND(.390)	ND(.410)	1.8 J	--	0.46
Benzoic Acid	2.7	NA	NA	--	ND(4.100)*	--	--	--	--	--
Total Confident Conc. SVOCs	500	NA	NA					85.9		9.58
Total Estimated Conc. SVOCs TICs			NT		44.83	2.61	1.68	7.6		3.42
Metals (mg/kg)										
Aluminum	SB	33000	NA	--	15200	15800	15300	7300	--	--
Antimony	SB	NA	NA	--	ND(6.20)	15.1 J	13.8 J	ND(5.40)	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CS1-5	CS1-X	RFA-1	RFA-2	SS-3	CFJ-01	CFJ-05
Sample Depth				405 ft. bg.	1-1.5 ft. bg.	10-12 ft. bg.	6-8 ft. bg.	0-2 ft. bg.	8-10 ft. bg.	15-17 ft. bg.
Sample Date				6/22/1993	6/22/1993	6/17/1993	6/17/1993	6/15/1993	2/7/2001	2/14/2001
Sample Area										
Sampled By				D&M	D&M	D&M	D&M	D&M	CD&M	CD&M
Arsenic	7.5 or SB	3 - 12	3-12	--	5.9	6.6	3.7 J	7.1 J	4.83	5.22
Barium	300 or SB	15 - 600	NA	--	319	73.6	63.2	55.1	--	--
Beryllium	0.16 (HEAST) or SB	0 - 1.75	ND-1.75	--	1.2	0.72	0.58	0.32	--	--
Cadmium	1 or SB	0.1 - 1	0.1-1	--	1.2	ND(.37)	ND(.38)	ND(.34)	--	--
Calcium	SB	130 - 35000	NA	--	29000	716 J	562 J	67300 J	--	--
Chromium	10 or SB	1.5 - 40	1.5-40	--	20.7 J	18.8	17.1	12.9	14.4	14.2
Cobalt	30 or SB	2.5 - 60	NA	--	10.4	11.7 J	7.3 J	5.9	--	--
Copper	25 or SB	1 - 50	1-50	--	55.3	15.6	9.6	25.4	17.8	19
Iron	2000 or SB	2000 - 550000	NA	--	31800	31400	25000	13700	11.2	11.2
Lead	SB	SB	200-500	--	117	18.4	20.6	78.5	--	--
Magnesium	SB	100 - 5000	NA	--	5050	3940	3390	7760	--	--
Manganese	SB	50 -5000	NA	--	326	493	175	361 J	--	--
Mercury	0.1	0.001 - 0.2	0.001-0.2	--	2	ND(.12)	0.12 J	ND(.11)	--	--
Nickel	13 or SB	0.5 - 25	0.5-25	--	22.1	22.2 J	19.5 J	13	23.2	20.7
Potassium	SB	8500 - 43000	NA	--	965	618	690	749	--	--
Selenium	2 or SB	0.1 - 3.9	0.1-3.9	--	ND(.14)	ND(.066)	ND(.068)	ND(.12)	--	--
Silver	SB	NA	NA	--	ND(1.10)	ND(1.1)	ND(1.1)	ND(.98)	--	--
Sodium	SB	6000 - 8000	NA	--	2190	86.8	66	72.8	--	--
Thallium	SB	NA	NA	--	0.31 J	ND(0.24)	ND(0.27)	ND(.17)	--	--
Vanadium	150 or SB	1 - 300	NA	--	18.3	22.9 J	21.5 J	11.1	--	--
Zinc	20 or SB	9 - 50	9-50	--	300 J	74.9 J	59.5 J	217 J	55.4	74.8
Cyanide	NA	NA	NA	--	0.65 J	ND(0.27)	0.28 J	ND(.24)	--	--
Hexavalent Chromium	NA	NA	NA	--	--	--	--	--	--	--
pH (Standard Units)				--	--	--	--	8.85	--	--
Pesticides (mg/kg)										
Analytical Dilution						1.3	1.3	1.2		
alpha BHC	0.11	NA	NA	--	--	ND(.0024)	ND(.0024)	ND(.0021)	--	--
beta BHC	0.2	NA	NA	--	--	ND(.0024)	ND(.0024)	ND(.0021)	--	--
delta BHC	0.3	NA	NA	--	--	ND(.0024)	ND(.0024)	ND(.0021)	--	--
gamma BHC	0.06	NA	NA	--	--	ND(.0024)	ND(.0024)	ND(.0021)	--	--
Heptachlor	0.1	NA	NA	--	--	ND(.0024)	ND(.0024)	ND(.0021)	--	--
Aldrin	0.041	NA	NA	--	--	ND(.0024)	ND(.0024)	ND(.0021)	--	--
Heptachlor epoxide	0.02	NA	NA	--	--	ND(.0024)	ND(.0024)	ND(.0021)	--	--
Endosulfan I	0.9	NA	NA	--	--	ND(.0024)	ND(.0024)	ND(.0021)	--	--
Dieldrin	0.044	NA	NA	--	--	ND(.0047)	ND(.0049)	ND(.0043)	--	--
4,4'-DDE	2.1	NA	NA	--	--	ND(.0047)	ND(.0049)	ND(.0043)	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CS1-5	CS1-X	RFA-1	RFA-2	SS-3	CFJ-01	CFJ-05
Sample Depth				405 ft. bg.	1-1.5 ft. bg.	10-12 ft. bg.	6-8 ft. bg.	0-2 ft. bg.	8-10 ft. bg.	15-17 ft. bg.
Sample Date				6/22/1993	6/22/1993	6/17/1993	6/17/1993	6/15/1993	2/7/2001	2/14/2001
Sample Area										
Sampled By				D&M	D&M	D&M	D&M	D&M	CD&M	CD&M
Endrin	0.1	NA	NA	--	--	ND(.0047)	ND(.0049)	ND(.0043)	--	--
Endosulfan II	0.9	NA	NA	--	--	ND(.0047)	ND(.0049)	ND(.0043)	--	--
4,4'-DDD	2.9	NA	NA	--	--	ND(.0047)	ND(.0049)	0.0075	--	--
Endosulfan sulfate	1	NA	NA	--	--	ND(.0047)	ND(.0049)	ND(.0043)	--	--
4,4'-DDT	2.1	NA	NA	--	--	ND(.0047)	ND(.0049)	ND(.0043)	--	--
Methoxychlor	10	NA	NA	--	--	ND(.0240)	ND(.0240)	ND(.0210)	--	--
Endrin ketone	NA	NA	NA	--	--	ND(.0047)	ND(.0049)	ND(.0043)	--	--
Endrin Aldehyde	NA	NA	NA	--	--	ND(.0047)	ND(.0049)	ND(.0043)	--	--
alpha-Chlordane	0.54	NA	NA	--	--	ND(.0024)	ND(.0024)	ND(.0021)	--	--
gamma-Chlordane	0.54	NA	NA	--	--	ND(.0024)	ND(.0024)	ND(.0021)	--	--
Toxaphene	NA	NA	NA	--	--	ND(.0780)	ND(.0810)	ND(.0720)	--	--
PCBs (mg/kg)										
Analytical Dilution										
Aroclor-1016	1 (surface)	NA	NA	--	--	--	ND(.081)	ND(.072)	--	--
	10 (subsurface)	NA	NA	--	--	ND(.078)	--	--	--	--
Aroclor-1221	1 (surface)	NA	NA	--	--	--	ND(.160)	ND(.140)	--	--
	10 (subsurface)	NA	NA	--	--	ND(.160)	--	--	--	--
Aroclor-1232	1 (surface)	NA	NA	--	--	--	ND(.081)	ND(.072)	--	--
	10 (subsurface)	NA	NA	--	--	ND(.078)	--	--	--	--
Aroclor-1242	1 (surface)	NA	NA	--	--	--	ND(.081)	ND(.072)	--	--
	10 (subsurface)	NA	NA	--	--	ND(.078)	--	--	--	--
Aroclor-1248	1 (surface)	NA	NA	--	--	--	ND(.081)	ND(.072)	--	--
	10 (subsurface)	NA	NA	--	--	ND(.078)	--	--	--	--
Aroclor-1254	1 (surface)	NA	NA	--	--	--	ND(.081)	0.5	--	--
	10 (subsurface)	NA	NA	--	--	ND(.078)	--	--	--	--
Aroclor-1260	1 (surface)	NA	NA	--	--	--	ND(.081)	ND(.072)	--	--
	10 (subsurface)	NA	NA	--	--	ND(.078)	--	--	--	--
Total PCBs										

Refer to Table IV for Notes

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CFJ-05D	CFJ-06	CFJ-11	CFJ-19	CFJ-21	CFJ-26	CFJ-27A
Sample Depth				15-17 ft. bg.	0-4 ft. bg.	4-6 ft. bg.	9-12 ft. bg.	0-2 ft. bg.	1-6 ft. bg.	2-4 ft. bg.
Sample Date				2/14/2001	2/14/2001	2/14/2001	2/9/2001	2/19/2001	2/6/2001	2/19/2001
Sample Area										
Sampled By				CD&M	CD&M	CD&M	CD&M	CD&M	CD&M	CD&M
Volatile Organic Compounds (mg/kg)										
Analytical Dilution										
Chloromethane	NA	NA	NA	--	--	--	--	--	--	--
Bromomethane	NA	NA	NA	--	--	--	--	--	--	--
Vinyl Chloride	0.2	NA	NA	--	--	--	--	--	--	--
Chloroethane	1.9	NA	NA	--	--	--	--	--	--	--
Methylene Chloride	0.1	NA	NA	--	--	--	--	--	--	--
Acetone	0.2	NA	NA	--	--	--	--	--	--	--
Carbon Disulfide	2.7	NA	NA	--	--	--	--	--	--	--
1,1-Dichloroethene	0.4	NA	NA	--	--	--	--	--	--	--
1,1-Dichloroethane	0.2	NA	NA	--	--	--	--	--	--	--
1,2-Dichloroethene (total)	0.3	NA	NA	--	--	--	--	--	--	--
Chloroform	0.3	NA	NA	--	--	--	--	--	--	--
1,2-Dichloroethane	0.2	NA	NA	--	--	--	--	--	--	--
2-Butanone	0.3	NA	NA	--	--	--	--	--	--	--
1,1,1-Trichloroethane	0.8	NA	NA	--	--	--	--	--	--	--
Carbon Tetrachloride	0.6	NA	NA	--	--	--	--	--	--	--
Bromodichloromethane	NA	NA	NA	--	--	--	--	--	--	--
1,2,-Dichloropropane	NA	NA	NA	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	NA	NA	NA	--	--	--	--	--	--	--
Trichloroethene	0.7	NA	NA	--	--	--	--	--	--	--
Dibromochloromethane	NA	NA	NA	--	--	--	--	--	--	--
1,1,2-Trichloroethane	NA	NA	NA	--	--	--	--	--	--	--
Benzene	0.06	NA	NA	--	--	--	--	--	--	--
trans-1,3-Dichloropropene	NA	NA	NA	--	--	--	--	--	--	--
Bromoform	NA	NA	NA	--	--	--	--	--	--	--
4-Methyl-2-Pentanone	1	NA	NA	--	--	--	--	--	--	--
2-Hexanone	NA	NA	NA	--	--	--	--	--	--	--
Tetrachloroethene	1.4	NA	NA	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	0.6	NA	NA	--	--	--	--	--	--	--
Toluene	1.5	NA	NA	--	--	--	--	--	--	--
Chlorobenzene	1.7	NA	NA	--	--	--	--	--	--	--
Ethylbenzene	5.5	NA	NA	--	--	--	--	--	--	--
Styrene	NA	NA	NA	--	--	--	--	--	--	--
Xylenes (total)	1.2	NA	NA	--	--	--	--	--	--	--
Total Confident Conc. VOAs	10	NA	NA							
Total Estimated Conc. VOA TICs										

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CFJ-05D	CFJ-06	CFJ-11	CFJ-19	CFJ-21	CFJ-26	CFJ-27A
Sample Depth				15-17 ft. bg.	0-4 ft. bg.	4-6 ft. bg.	9-12 ft. bg.	0-2 ft. bg.	1-6 ft. bg.	2-4 ft. bg.
Sample Date				2/14/2001	2/14/2001	2/14/2001	2/9/2001	2/19/2001	2/6/2001	2/19/2001
Sample Area										
Sampled By				CD&M	CD&M	CD&M	CD&M	CD&M	CD&M	CD&M
Semi-Volatile Organic Compounds (mg/kg)										
Analytical Dilution										
Phenol	0.03 or MDL	NA	NA	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	50	NA	NA	--	--	--	--	--	--	--
2-Chlorophenol	0.8	NA	NA	--	--	--	--	--	--	--
1,3-Dichlorobenzene	50	NA	NA	--	--	--	--	--	--	--
1,4-Dichlorobenzene	50	NA	NA	--	--	--	--	--	--	--
1,2-Dichlorobenzene	50	NA	NA	--	--	--	--	--	--	--
2-Methylphenol	0.1 or MDL	NA	NA	--	--	--	--	--	--	--
2,2'-oxybis(1-Chloropropane)	50	NA	NA	--	--	--	--	--	--	--
4-Methylphenol	0.9	NA	NA	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	50	NA	NA	--	--	--	--	--	--	--
Hexachloroethane	50	NA	NA	--	--	--	--	--	--	--
Nitrobenzene	0.2 or MDL	NA	NA	--	--	--	--	--	--	--
Isophorone	4.4	NA	NA	--	--	--	--	--	--	--
2-Nitrophenol	0.33 or MDL	NA	NA	--	--	--	--	--	--	--
2,4-Dimethylphenol	50	NA	NA	--	--	--	--	--	--	--
bis(2-Chloroethoxy) Methane	50	NA	NA	--	--	--	--	--	--	--
2,4-Dichlorophenol	0.4	NA	NA	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	50	NA	NA	--	--	--	--	--	--	--
Napthalene	13	NA	ND-0.300 J	--	--	--	--	8.2	27	--
4-Chloroaniline	0.22 or MDL	NA	NA	--	--	--	--	--	--	--
Hexachlorobutadiene	50	NA	NA	--	--	--	--	--	--	--
4-Chloro-3-methylphenol	0.24 or MDL	NA	NA	--	--	--	--	--	--	--
2-Methylnapthalene	36.4	NA	NT	--	--	--	--	--	18	--
Hexachlorocyclopentadiene	50	NA	NA	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	50	NA	NA	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	0.1	NA	NA	--	--	--	--	--	--	--
2-Chloronaphthalene	50	NA	NA	--	--	--	--	--	--	--
2-Nitroaniline	0.43 or MDL	NA	NA	--	--	--	--	--	--	--
Dimethylphthalate	2	NA	NA	--	--	--	--	--	--	--
Acenaphthylene	41	NA	ND-0.190 J	--	--	--	--	--	--	--
2,6-Dinitrotoluene	1	NA	NA	--	--	--	--	--	--	--
3-Nitroaniline	0.5 or MDL	NA	NA	--	--	--	--	--	--	--
Acenaphthene	50	NA	ND-0.360 J	--	--	--	--	12	--	--
2,4-Dinitrophenol	0.2 or MDL	NA	NA	--	--	--	--	--	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CFJ-05D	CFJ-06	CFJ-11	CFJ-19	CFJ-21	CFJ-26	CFJ-27A
Sample Depth				15-17 ft. bg.	0-4 ft. bg.	4-6 ft. bg.	9-12 ft. bg.	0-2 ft. bg.	1-6 ft. bg.	2-4 ft. bg.
Sample Date				2/14/2001	2/14/2001	2/14/2001	2/9/2001	2/19/2001	2/6/2001	2/19/2001
Sample Area										
Sampled By				CD&M	CD&M	CD&M	CD&M	CD&M	CD&M	CD&M
4-Nitrophenol	0.1 or MDL	NA	NA	--	--	--	--	--	--	--
Dibenzofuran	6.2	NA	NT	--	--	--	--	10	--	--
2,4-Dinitrotoluene	50	NA	NA	--	--	--	--	--	--	--
Diethylphthalate	7.1	NA	NA	--	--	--	--	--	--	--
4-Chlorophenyl-phenylether	50	NA	NA	--	--	--	--	--	--	--
Fluorene	50	NA	ND-0.330 J	--	--	--	--	15	16	--
4-Nitroaniline	50	NA	NA	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	50	NA	NA	--	--	--	--	--	--	--
N-Nitrosodiphenylamine (1)	50	NA	NA	--	--	--	--	--	--	--
4-Bromophenyl-phenylether	50	NA	NA	--	--	--	--	--	--	--
Hexachlorobenzene	0.41	NA	NA	--	--	--	--	--	--	--
Pentachlorophenol	1 or MDL	NA	NA	--	--	--	--	--	--	--
Phenanthrene	50	NA	0.030 J-2.700	0.5	--	0.64	--	77	60	--
Anthracene	50	NA	ND-0.740	--	--	--	--	26	16	--
Carbazole	50	NA	NT	--	--	--	--	--	--	--
Di-n-butylphthalate	8.1	NA	NA	--	--	--	--	--	--	--
Fluoranthene	50	NA	0.068 J-3.600	0.56	--	3.3	--	93	40	--
Pyrene	50	NA	0.057 J-3.500	0.44	--	3.3	--	80	37	--
Butylbenzylphthalate	50	NA	NA	--	--	--	--	--	--	--
3-3'-Dichlorobenzidine	50	NA	NA	--	--	--	--	--	--	--
Benzo(a)anthracene	0.224 or MDL	NA	0.032 J-1.700	--	--	2.1	--	41	18	--
Chrysene	0.4	NA	0.055 J-2.000	--	--	2.1	--	36	16	--
bis(2-Ethylhexyl)phthalate	50	NA	NT	--	--	--	--	--	--	--
Di-n-octylphthalate	50	NA	NA	--	--	--	--	--	--	--
Benzo(b)fluoranthene	1.1	NA	0.060-2.200	--	--	4.1	--	22	--	--
Benzo(k)fluoranthene	1.1	NA	0.020 J-0.820	--	--	3.8	--	26	--	--
Benzo(a)pyrene	0.061 or MDL	NA	0.30 J-1.600	--	--	4.7	--	30	14	--
Indeno(1,2,3-cd)pyrene	3.2	NA	0.013 J-0.660	--	--	--	--	--	--	--
Dibenz(a,h)anthracene	0.014 or MDL	NA	0.015 J-0.190	--	--	1.1	--	--	--	--
Benzo(g,h,i)Perylene	50	NA	0.013 J-0.600	--	--	3.4	--	14	--	--
Benzoic Acid	2.7	NA	NA	--	--	--	--	--	--	--
Total Confident Conc. SVOCs	500	NA	NA	1.5		31.64		505.2	262	
Total Estimated Conc. SVOCs TICs			NT			21		170	48	
Metals (mg/kg)										
Aluminum	SB	33000	NA	--	--	--	--	--	--	--
Antimony	SB	NA	NA	--	--	--	--	--	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CFJ-05D	CFJ-06	CFJ-11	CFJ-19	CFJ-21	CFJ-26	CFJ-27A
Sample Depth				15-17 ft. bg.	0-4 ft. bg.	4-6 ft. bg.	9-12 ft. bg.	0-2 ft. bg.	1-6 ft. bg.	2-4 ft. bg.
Sample Date				2/14/2001	2/14/2001	2/14/2001	2/9/2001	2/19/2001	2/6/2001	2/19/2001
Sample Area										
Sampled By				CD&M	CD&M	CD&M	CD&M	CD&M	CD&M	CD&M
Arsenic	7.5 or SB	3 - 12	3-12	5.57	206	6.26	4.79	6.1	7.57	10.3
Barium	300 or SB	15 - 600	NA	--	--	--	--	--	--	--
Beryllium	0.16 (HEAST) or SB	0 - 1.75	ND-1.75	--	--	--	--	--	--	--
Cadmium	1 or SB	0.1 - 1	0.1-1	--	--	--	--	--	--	--
Calcium	SB	130 - 35000	NA	--	--	--	--	--	--	--
Chromium	10 or SB	1.5 - 40	1.5-40	20.9	8.12	15.3	14.3	5.58	130	11.7
Cobalt	30 or SB	2.5 - 60	NA	--	--	--	--	--	--	--
Copper	25 or SB	1 - 50	1-50	19.8	15.2	53.2	20.5	21.3	125	25.7
Iron	2000 or SB	2000 - 550000	NA	11.1	7.61	44.2	9.43	8.87	192	37.6
Lead	SB	SB	200-500	--	--	--	--	--	--	--
Magnesium	SB	100 - 5000	NA	--	--	--	--	--	--	--
Manganese	SB	50 -5000	NA	--	--	--	--	--	--	--
Mercury	0.1	0.001 - 0.2	0.001-0.2	--	--	--	--	--	0.104	--
Nickel	13 or SB	0.5 - 25	0.5-25	26.4	5.34	11.3	23.2	10.6	23.3	15.9
Potassium	SB	8500 - 43000	NA	--	--	--	--	--	--	--
Selenium	2 or SB	0.1 - 3.9	0.1-3.9	--	15.5	--	--	--	0.795	--
Silver	SB	NA	NA	--	--	--	--	--	--	--
Sodium	SB	6000 - 8000	NA	--	--	--	--	--	--	--
Thallium	SB	NA	NA	--	--	--	--	--	1.15	--
Vanadium	150 or SB	1 - 300	NA	--	--	--	--	--	--	--
Zinc	20 or SB	9 - 50	9-50	84.9	15.1	45	61.5	22.1	378	70.9
Cyanide	NA	NA	NA	--	--	--	--	--	--	--
Hexavalent Chromium	NA	NA	NA	--	--	--	--	--	--	--
pH (Standard Units)				--	--	--	--	--	--	--
Pesticides (mg/kg)										
Analytical Dilution										
alpha BHC	0.11	NA	NA	--	--	--	--	--	--	--
beta BHC	0.2	NA	NA	--	--	--	--	--	--	--
delta BHC	0.3	NA	NA	--	--	--	--	--	--	--
gamma BHC	0.06	NA	NA	--	--	--	--	--	--	--
Heptachlor	0.1	NA	NA	--	--	--	--	--	--	--
Aldrin	0.041	NA	NA	--	--	--	--	--	--	--
Heptachlor epoxide	0.02	NA	NA	--	--	--	--	--	--	--
Endosulfan I	0.9	NA	NA	--	--	--	--	--	--	--
Dieldrin	0.044	NA	NA	--	--	--	--	--	--	--
4,4'-DDE	2.1	NA	NA	--	--	--	--	--	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CFJ-05D	CFJ-06	CFJ-11	CFJ-19	CFJ-21	CFJ-26	CFJ-27A
Sample Depth				15-17 ft. bg.	0-4 ft. bg.	4-6 ft. bg.	9-12 ft. bg.	0-2 ft. bg.	1-6 ft. bg.	2-4 ft. bg.
Sample Date				2/14/2001	2/14/2001	2/14/2001	2/9/2001	2/19/2001	2/6/2001	2/19/2001
Sample Area										
Sampled By				CD&M	CD&M	CD&M	CD&M	CD&M	CD&M	CD&M
Endrin	0.1	NA	NA	--	--	--	--	--	--	--
Endosulfan II	0.9	NA	NA	--	--	--	--	--	--	--
4,4'-DDD	2.9	NA	NA	--	--	--	--	--	--	--
Endosulfan sulfate	1	NA	NA	--	--	--	--	--	--	--
4,4'-DDT	2.1	NA	NA	--	--	--	--	--	--	--
Methoxychlor	10	NA	NA	--	--	--	--	--	--	--
Endrin ketone	NA	NA	NA	--	--	--	--	--	--	--
Endrin Aldehyde	NA	NA	NA	--	--	--	--	--	--	--
alpha-Chlordane	0.54	NA	NA	--	--	--	--	--	--	--
gamma-Chlordane	0.54	NA	NA	--	--	--	--	--	--	--
Toxaphene	NA	NA	NA	--	--	--	--	--	--	--
PCBs (mg/kg)										
Analytical Dilution										
Aroclor-1016	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1221	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1232	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1242	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1248	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1254	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1260	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Total PCBs										

Refer to Table IV for Notes

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CFJ-31	CFJ-49	CFJ-51	CFJ-52	CFJ-53	CFJ-54	CFJ-55
Sample Depth				2-4 ft. bg.	4-6 ft. bg.	4-6 ft. bg.	6-8 ft. bg.	4-6 ft. bg.	4-8 ft. bg.	0-2 ft. bg.
Sample Date				2/20/2001	2/21/2001	2/12/2001	2/12/2001	2/12/2001	2/20/2001	2/20/2001
Sample Area										
Sampled By				CD&M	CD&M	CD&M	CD&M	CD&M	CD&M	CD&M
Volatile Organic Compounds (mg/kg)										
Analytical Dilution										
Chloromethane	NA	NA	NA	--	--	--	--	--	--	--
Bromomethane	NA	NA	NA	--	--	--	--	--	--	--
Vinyl Chloride	0.2	NA	NA	--	--	--	--	--	--	--
Chloroethane	1.9	NA	NA	--	--	--	--	--	--	--
Methylene Chloride	0.1	NA	NA	--	--	--	--	--	--	--
Acetone	0.2	NA	NA	--	--	--	--	--	--	--
Carbon Disulfide	2.7	NA	NA	--	--	--	--	--	--	--
1,1-Dichloroethene	0.4	NA	NA	--	--	--	--	--	--	--
1,1-Dichloroethane	0.2	NA	NA	--	--	--	--	--	--	--
1,2-Dichloroethene (total)	0.3	NA	NA	--	--	--	--	--	--	--
Chloroform	0.3	NA	NA	--	--	--	--	--	--	--
1,2-Dichloroethane	0.2	NA	NA	--	--	--	--	--	--	--
2-Butanone	0.3	NA	NA	--	--	--	--	--	--	--
1,1,1-Trichloroethane	0.8	NA	NA	--	--	--	--	--	--	--
Carbon Tetrachloride	0.6	NA	NA	--	--	--	--	--	--	--
Bromodichloromethane	NA	NA	NA	--	--	--	--	--	--	--
1,2,-Dichloropropane	NA	NA	NA	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	NA	NA	NA	--	--	--	--	--	--	--
Trichloroethene	0.7	NA	NA	--	--	--	--	--	--	--
Dibromochloromethane	NA	NA	NA	--	--	--	--	--	--	--
1,1,2-Trichloroethane	NA	NA	NA	--	--	--	--	--	--	--
Benzene	0.06	NA	NA	--	--	--	--	--	--	--
trans-1,3-Dichloropropene	NA	NA	NA	--	--	--	--	--	--	--
Bromoform	NA	NA	NA	--	--	--	--	--	--	--
4-Methyl-2-Pentanone	1	NA	NA	--	--	--	--	--	--	--
2-Hexanone	NA	NA	NA	--	--	--	--	--	--	--
Tetrachloroethene	1.4	NA	NA	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	0.6	NA	NA	--	--	--	--	--	--	--
Toluene	1.5	NA	NA	--	--	--	--	--	--	--
Chlorobenzene	1.7	NA	NA	--	--	--	--	--	--	--
Ethylbenzene	5.5	NA	NA	--	--	--	--	--	--	--
Styrene	NA	NA	NA	--	--	--	--	--	--	--
Xylenes (total)	1.2	NA	NA	--	--	--	--	--	--	--
Total Confident Conc. VOAs	10	NA	NA							
Total Estimated Conc. VOA TICs										

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CFJ-31	CFJ-49	CFJ-51	CFJ-52	CFJ-53	CFJ-54	CFJ-55
Sample Depth				2-4 ft. bg.	4-6 ft. bg.	4-6 ft. bg.	6-8 ft. bg.	4-6 ft. bg.	4-8 ft. bg.	0-2 ft. bg.
Sample Date				2/20/2001	2/21/2001	2/12/2001	2/12/2001	2/12/2001	2/20/2001	2/20/2001
Sample Area										
Sampled By				CD&M	CD&M	CD&M	CD&M	CD&M	CD&M	CD&M
Semi-Volatile Organic Compounds (mg/kg)										
Analytical Dilution										
Phenol	0.03 or MDL	NA	NA	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	50	NA	NA	--	--	--	--	--	--	--
2-Chlorophenol	0.8	NA	NA	--	--	--	--	--	--	--
1,3-Dichlorobenzene	50	NA	NA	--	--	--	--	--	--	--
1,4-Dichlorobenzene	50	NA	NA	--	--	--	--	--	--	--
1,2-Dichlorobenzene	50	NA	NA	--	--	--	--	--	--	--
2-Methylphenol	0.1 or MDL	NA	NA	--	--	--	--	--	--	--
2,2'-oxybis(1-Chloropropane)	50	NA	NA	--	--	--	--	--	--	--
4-Methylphenol	0.9	NA	NA	--	--	--	--	--	--	--
N-Nitroso-di-n-propylamine	50	NA	NA	--	--	--	--	--	--	--
Hexachloroethane	50	NA	NA	--	--	--	--	--	--	--
Nitrobenzene	0.2 or MDL	NA	NA	--	--	--	--	--	--	--
Isophorone	4.4	NA	NA	--	--	--	--	--	--	--
2-Nitrophenol	0.33 or MDL	NA	NA	--	--	--	--	--	--	--
2,4-Dimethylphenol	50	NA	NA	--	--	--	--	--	--	--
bis(2-Chloroethoxy) Methane	50	NA	NA	--	--	--	--	--	--	--
2,4-Dichlorophenol	0.4	NA	NA	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	50	NA	NA	--	--	--	--	--	--	--
Napthalene	13	NA	ND-0.300 J	--	--	--	--	--	--	--
4-Chloroaniline	0.22 or MDL	NA	NA	--	--	--	--	--	--	--
Hexachlorobutadiene	50	NA	NA	--	--	--	--	--	--	--
4-Chloro-3-methylphenol	0.24 or MDL	NA	NA	--	--	--	--	--	--	--
2-Methylnapthalene	36.4	NA	NT	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	50	NA	NA	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	50	NA	NA	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	0.1	NA	NA	--	--	--	--	--	--	--
2-Chloronaphthalene	50	NA	NA	--	--	--	--	--	--	--
2-Nitroaniline	0.43 or MDL	NA	NA	--	--	--	--	--	--	--
Dimethylphthalate	2	NA	NA	--	--	--	--	--	--	--
Acenaphthylene	41	NA	ND-0.190 J	--	--	--	--	--	--	--
2,6-Dinitrotoluene	1	NA	NA	--	--	--	--	--	--	--
3-Nitroaniline	0.5 or MDL	NA	NA	--	--	--	--	--	--	--
Acenaphthene	50	NA	ND-0.360 J	--	--	--	--	--	--	--
2,4-Dinitrophenol	0.2 or MDL	NA	NA	--	--	--	--	--	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CFJ-31	CFJ-49	CFJ-51	CFJ-52	CFJ-53	CFJ-54	CFJ-55
Sample Depth				2-4 ft. bg.	4-6 ft. bg.	4-6 ft. bg.	6-8 ft. bg.	4-6 ft. bg.	4-8 ft. bg.	0-2 ft. bg.
Sample Date				2/20/2001	2/21/2001	2/12/2001	2/12/2001	2/12/2001	2/20/2001	2/20/2001
Sample Area										
Sampled By				CD&M	CD&M	CD&M	CD&M	CD&M	CD&M	CD&M
4-Nitrophenol	0.1 or MDL	NA	NA	--	--	--	--	--	--	--
Dibenzofuran	6.2	NA	NT	--	--	--	--	--	--	--
2,4-Dinitrotoluene	50	NA	NA	--	--	--	--	--	--	--
Diethylphthalate	7.1	NA	NA	--	--	--	--	--	--	--
4-Chlorophenyl-phenylether	50	NA	NA	--	--	--	--	--	--	--
Fluorene	50	NA	ND-0.330 J	3.6	--	--	--	--	--	--
4-Nitroaniline	50	NA	NA	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	50	NA	NA	--	--	--	--	--	--	--
N-Nitrosodiphenylamine (1)	50	NA	NA	--	--	--	--	--	--	--
4-Bromophenyl-phenylether	50	NA	NA	--	--	--	--	--	--	--
Hexachlorobenzene	0.41	NA	NA	--	--	--	--	--	--	--
Pentachlorophenol	1 or MDL	NA	NA	--	--	--	--	--	--	--
Phenanthrene	50	NA	0.030 J-2.700	16	--	--	--	--	--	--
Anthracene	50	NA	ND-0.740	6.2	--	--	--	--	--	--
Carbazole	50	NA	NT	--	--	--	--	--	--	--
Di-n-butylphthalate	8.1	NA	NA	--	--	--	--	--	--	--
Fluoranthene	50	NA	0.068 J-3.600	17	--	--	--	--	--	--
Pyrene	50	NA	0.057 J-3.500	11	--	--	--	--	--	--
Butylbenzylphthalate	50	NA	NA	--	--	--	--	--	--	--
3-3'-Dichlorobenzidine	50	NA	NA	--	--	--	--	--	--	--
Benzo(a)anthracene	0.224 or MDL	NA	0.032 J-1.700	6.4	--	--	--	--	--	--
Chrysene	0.4	NA	0.055 J-2.000	5.5	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	50	NA	NT	--	--	--	--	--	--	--
Di-n-octylphthalate	50	NA	NA	--	--	--	--	--	--	--
Benzo(b)fluoranthene	1.1	NA	0.060-2.200	3.6	--	--	--	--	--	--
Benzo(k)fluoranthene	1.1	NA	0.020 J-0.820	4	--	--	--	--	--	--
Benzo(a)pyrene	0.061 or MDL	NA	0.30 J-1.600	4.8	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	3.2	NA	0.013 J-0.660	--	--	--	--	--	--	--
Dibenz(a,h)anthracene	0.014 or MDL	NA	0.015 J-0.190	--	--	--	--	--	--	--
Benzo(g,h,i)Perylene	50	NA	0.013 J-0.600	--	--	--	--	--	--	--
Benzoic Acid	2.7	NA	NA	--	--	--	--	--	--	--
Total Confident Conc. SVOCs	500	NA	NA	78.1						
Total Estimated Conc. SVOCs TICs			NT	24.3						
Metals (mg/kg)										
Aluminum	SB	33000	NA	--	--	--	--	--	--	--
Antimony	SB	NA	NA	--	--	--	--	--	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CFJ-31	CFJ-49	CFJ-51	CFJ-52	CFJ-53	CFJ-54	CFJ-55
Sample Depth				2-4 ft. bg.	4-6 ft. bg.	4-6 ft. bg.	6-8 ft. bg.	4-6 ft. bg.	4-8 ft. bg.	0-2 ft. bg.
Sample Date				2/20/2001	2/21/2001	2/12/2001	2/12/2001	2/12/2001	2/20/2001	2/20/2001
Sample Area										
Sampled By				CD&M	CD&M	CD&M	CD&M	CD&M	CD&M	CD&M
Arsenic	7.5 or SB	3 - 12	3-12	--	7.06	7.81	3.59	12.1	5.43	9.58
Barium	300 or SB	15 - 600	NA	--	--	--	--	--	--	--
Beryllium	0.16 (HEAST) or SB	0 - 1.75	ND-1.75	--	--	--	--	--	--	--
Cadmium	1 or SB	0.1 - 1	0.1-1	--	--	--	--	--	--	--
Calcium	SB	130 - 35000	NA	--	--	--	--	--	--	--
Chromium	10 or SB	1.5 - 40	1.5-40	--	31.1	14.7	21.7	20.6	12.5	16.1
Cobalt	30 or SB	2.5 - 60	NA	--	--	--	--	--	--	--
Copper	25 or SB	1 - 50	1-50	--	16	19.9	9.11	25	23.8	29.7
Iron	2000 or SB	2000 - 550000	NA	--	14.8	11.9	23	47.6	21.9	18.6
Lead	SB	SB	200-500	--	--	--	--	--	--	--
Magnesium	SB	100 - 5000	NA	--	--	--	--	--	--	--
Manganese	SB	50 -5000	NA	--	--	--	--	--	--	--
Mercury	0.1	0.001 - 0.2	0.001-0.2	--	--	--	--	--	--	--
Nickel	13 or SB	0.5 - 25	0.5-25	--	15.1	22.6	24.8	16.3	16.6	25.6
Potassium	SB	8500 - 43000	NA	--	--	--	--	--	--	--
Selenium	2 or SB	0.1 - 3.9	0.1-3.9	--	--	--	--	--	--	--
Silver	SB	NA	NA	--	--	--	--	--	--	--
Sodium	SB	6000 - 8000	NA	--	--	--	--	--	--	--
Thallium	SB	NA	NA	--	--	--	--	--	--	--
Vanadium	150 or SB	1 - 300	NA	--	--	--	--	--	--	--
Zinc	20 or SB	9 - 50	9-50	--	54.4	54.8	143	458	72.2	78.3
Cyanide	NA	NA	NA	--	--	--	--	--	--	--
Hexavalent Chromium	NA	NA	NA	--	--	--	--	--	--	--
pH (Standard Units)				--	--	--	--	--	--	--
Pesticides (mg/kg)										
Analytical Dilution										
alpha BHC	0.11	NA	NA	--	--	--	--	--	--	--
beta BHC	0.2	NA	NA	--	--	--	--	--	--	--
delta BHC	0.3	NA	NA	--	--	--	--	--	--	--
gamma BHC	0.06	NA	NA	--	--	--	--	--	--	--
Heptachlor	0.1	NA	NA	--	--	--	--	--	--	--
Aldrin	0.041	NA	NA	--	--	--	--	--	--	--
Heptachlor epoxide	0.02	NA	NA	--	--	--	--	--	--	--
Endosulfan I	0.9	NA	NA	--	--	--	--	--	--	--
Dieldrin	0.044	NA	NA	--	--	--	--	--	--	--
4,4'-DDE	2.1	NA	NA	--	--	--	--	--	--	--

TABLE I
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - SOUTHERN PARCEL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	CFJ-31	CFJ-49	CFJ-51	CFJ-52	CFJ-53	CFJ-54	CFJ-55
Sample Depth				2-4 ft. bg.	4-6 ft. bg.	4-6 ft. bg.	6-8 ft. bg.	4-6 ft. bg.	4-8 ft. bg.	0-2 ft. bg.
Sample Date				2/20/2001	2/21/2001	2/12/2001	2/12/2001	2/12/2001	2/20/2001	2/20/2001
Sample Area										
Sampled By				CD&M	CD&M	CD&M	CD&M	CD&M	CD&M	CD&M
Endrin	0.1	NA	NA	--	--	--	--	--	--	--
Endosulfan II	0.9	NA	NA	--	--	--	--	--	--	--
4,4'-DDD	2.9	NA	NA	--	--	--	--	--	--	--
Endosulfan sulfate	1	NA	NA	--	--	--	--	--	--	--
4,4'-DDT	2.1	NA	NA	--	--	--	--	--	--	--
Methoxychlor	10	NA	NA	--	--	--	--	--	--	--
Endrin ketone	NA	NA	NA	--	--	--	--	--	--	--
Endrin Aldehyde	NA	NA	NA	--	--	--	--	--	--	--
alpha-Chlordane	0.54	NA	NA	--	--	--	--	--	--	--
gamma-Chlordane	0.54	NA	NA	--	--	--	--	--	--	--
Toxaphene	NA	NA	NA	--	--	--	--	--	--	--
PCBs (mg/kg)										
Analytical Dilution										
Aroclor-1016	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1221	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1232	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1242	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1248	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1254	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Aroclor-1260	1 (surface)	NA	NA	--	--	--	--	--	--	--
	10 (subsurface)	NA	NA	--	--	--	--	--	--	--
Total PCBs										

Refer to Table IV for Notes

TABLE II
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA - FORMER GASOLINE UST AREA
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYSDEC TAGM 4046 Cleanup Criteria (mg/kg)	Eastern USA Background Concentrations (for metals only) (mg/kg)	Johnson City Background (See Note 10) (mg/kg)	UST-1	UST-A	UST-B	UST-C	UST-D
Sample Depth				10-12 ft. bg.	9-10 ft. bg.	7-8 ft. bg.	7-8 ft. bg.	5.5-6 ft. bg.
Sample Date				2/7/1995	1/31/1995	1/31/1995	1/31/1995	1/31/1995
Sample Area				K	K	K	K	K
Sampled By				D&M	D&M	D&M	D&M	D&M
Volatile Organic Compounds (mg/kg)								
Analytical Dilution				125	1	1	1	1
m + p-Xylenes	1.2	NA	NA	0.42	ND(.002)	ND(.002)	ND(.002)	ND(.002)
o-Xylenes	1.2	NA	NA	0.25	ND(.002)	ND(.002)	ND(.002)	ND(.002)
1,3,5-Trimethylbenzene	NA	NA	NA	1.4	ND(.001)	ND(.001)	ND(.001)	ND(.001)
1,2,4-Trimethylbenzene	NA	NA	NA	1.6	ND(.001)	ND(.001)	ND(.001)	ND(.001)
p-Isopropyltoluene	NA	NA	NA	0.83	ND(.001)	ND(.001)	ND(.001)	ND(.001)
n-Butylbenzene	NA	NA	NA	3	ND(.001)	ND(.001)	ND(.001)	ND(.001)
Napthalene	13	NA	ND-0.300 J	0.36	ND(.001)	ND(.001)	ND(.001)	ND(.001)
Total Confident Conc. VOAs	10	NA	NA	7.86				

Refer to Table IV for Notes

TABLE III
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL DATA - SOUTH SITE
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYS TOGs - Standards and Guidance Values (mg/L)	HP-UST-1	HP-SAB-1	HP-CSA-1	HP-ZDW-1	HP-MDW-1	HP-CSH-2
Sample Depth		21-24 ft. bg.	18-21 ft. bg.	20-23 ft.bg.	23-25 ft. bg.	23-26 ft. bg.	4-6 ft. bg.
Sample Date		2/7/1995	2/7/1995	2/8/1995	2/8/1995	2/8/1995	2/13/1995
Sample Area		K		L, M		N	
Sampled By		D&M	D&M	D&M	D&M	D&M	D&M
Volatile Organic Compounds (mg/L)							
Analytical Dilution		1	1		1.0 / 20.0		50
Chloromethane	NP	--	--	--	--	--	--
Methylene Chloride	0.005	--	--	--	--	--	--
Acetone	0.05	ND(.002)	ND(.005)	--	ND(.010)	--	0.65
Carbon Disulfide	NP	--	--	--	--	--	--
1,1,1-Trichloroethane	0.005	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	0.005	--	--	--	--	--	--
Toluene	0.005	ND(.002)	ND(.005)	--	2.8	--	ND(.250)*
Ethylbenzene	0.005	ND(.002)	ND(.005)	--	0.009	--	ND(.250)*
Xylenes (total)	0.005	ND(.002)	ND(.005)	--	0.44	--	ND(.250)*
Total Confident Conc. VOAs					2.853		0.65
Total Estimated Conc. VOA TICs					0.009 J		42.14
Semi-Volatile Organic Compounds (mg/L)							
Analytical Dilution		1	1	1	1	1	10
Napthalene	0.01	--	ND(.010)	ND(.120)*	ND(.010)	ND(.011)*	1.2
2-Methylnapthalene	NP	--	ND(.010)	ND(.012)	ND(.010)	ND(.011)	1.8
Dimethylphthalate	0.05	--	--	--	--	--	--
Acenaphthylene	NP	--	--	--	--	--	--
2,6-Dinitrotoluene	0.005	--	--	--	--	--	--
Acenaphthene	0.02	--	ND(.010)	ND(.012)	ND(.010)	ND(.011)	0.460 J
Dibenzofuran	NP	--	ND(.010)	ND(.012)	ND(.010)	ND(.011)	0.300 J
Diethylphthalate	0.05	--	ND(.010)	ND(.012)	0.002 J	0.003 J	ND(1.200)*
Fluorene	0.05	--	ND(.010)	ND(.012)	ND(.010)	ND(.011)	0.650 J
Phenanthrene	0.05	--	ND(.010)	ND(.012)	ND(.010)	ND(.011)	2
Anthracene	0.05	--	--	--	--	--	--
Carbazole	NP	--	--	--	--	--	--
Di-n-butylphthalate	0.05	--	0.002 J	ND(.012)	0.001 J	0.003 J	ND(1.200)*
Fluoranthene	0.05	--	ND(.010)	ND(.012)	ND(.010)	ND(.011)	1.1 J
Pyrene	0.05	--	ND(.010)	ND(.012)	ND(.010)	ND(.011)	0.930 J
Benzo(a)anthracene	0.000002	--	ND(.010)*	ND(.012)*	ND(.010)*	ND(.011)*	0.150 J
Chrysene	0.000002	--	ND(.010)*	ND(.012)*	ND(.010)*	ND(.011)*	0.220 J
bis(2-Ethylhexyl)phthalate	0.005	--	0.001 J	ND(.120)*	ND(.021)*	0.005 J	ND(1.200)*

TABLE III
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL DATA - SOUTH SITE
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYS TOGs - Standards and Guidance Values (mg/L)	HP-UST-1	HP-SAB-1	HP-CSA-1	HP-ZDW-1	HP-MDW-1	HP-CSH-2
Sample Depth		21-24 ft. bg.	18-21 ft. bg.	20-23 ft.bg.	23-25 ft. bg.	23-26 ft. bg.	4-6 ft. bg.
Sample Date		2/7/1995	2/7/1995	2/8/1995	2/8/1995	2/8/1995	2/13/1995
Sample Area		K		L, M		N	
Sampled By		D&M	D&M	D&M	D&M	D&M	D&M
Di-n-octylphthalate	0.05	--	ND(.010)	ND(.012)	0.006 J	ND(.011)	ND(1.200)*
Benzo(b)fluoranthene	0.000002	--	--	--	--	--	--
Benzo(k)fluoranthene	0.000002	--	--	--	--	--	--
Benzo(a)pyrene	NP	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	0.000002	--	--	--	--	--	--
Benzo(g,h,i)Perylene	NP	--	--	--	--	--	--
Total Confident Conc. SVOCs					0.021		5
Total Estimated Conc. SVOCs TICs			0.028 J		0.083 J		28.4 J
Metals (mg/L)							
Aluminum	0.1	--	--	1180	30	16.5	--
Antimony	0.003	--	--	1.16	0.0896	0.164	--
Arsenic	0.025	--	--	ND(.0011)	0.0041	0.0074	--
Barium	1	--	--	2.86	0.943	0.798	--
Beryllium	0.003	--	--	0.107	0.0013	0.002	--
Cadmium	0.01	--	--	0.0376	ND(.0033)	ND(.0033)	--
Calcium	NP	--	--	6870	1870	1330	--
Chromium	0.05	--	--	1.56	0.0435	0.0788	--
Cobalt	0.005	--	--	1.55	0.0289	0.0767	--
Copper	0.2	--	--	10.6	0.115	0.229	--
Iron	0.3	--	--	1510	36	40.8	--
Lead	0.05	--	--	0.0062	0.0571	0.17	--
Magnesium	35	--	--	1050	83.6	259	--
Manganese	0.3	--	--	57.2	16.4	10.3	--
Mercury	0.002	--	--	0.006	0.0091	0.0088	--
Nickel	NP	--	--	2.99	0.105	0.103	--
Potassium	NP	--	--	31.2	9.69	8.07	--
Selenium	0.01	--	--	ND(.0075)	ND(.0075)	ND(.008)	--
Silver	0.05	--	--	0.0413	ND(.0069)	ND(.007)	--
Sodium	20	--	--	44.6	63.5	42.7	--
Thallium	0.004	--	--	ND(.0012)	ND(.0012)	ND(.0012)	--
Vanadium	0.014	--	--	1.03	0.0359	0.0271	--
Zinc	5	--	--	14.2	0.304	0.587	--
Cyanide	0.2	--	--	--	--	--	--

TABLE III
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL DATA - SOUTH SITE
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

Sample ID	NYS TOGs - Standards and Guidance Values (mg/L)	HP-UST-1	HP-SAB-1	HP-CSA-1	HP-ZDW-1	HP-MDW-1	HP-CSH-2
Sample Depth		21-24 ft. bg.	18-21 ft. bg.	20-23 ft.bg.	23-25 ft. bg.	23-26 ft. bg.	4-6 ft. bg.
Sample Date		2/7/1995	2/7/1995	2/8/1995	2/8/1995	2/8/1995	2/13/1995
Sample Area		K		L, M		N	
Sampled By		D&M	D&M	D&M	D&M	D&M	D&M
Hexavalent Chromium	NP	--	--	--	--	--	--
pH (Standard Units)		--	6.96	6.82	7.23	7.62	7.73
PCBs (mg/L)							
Analytical Dilution			1				100
Total PCBs	0.00009	--	ND(.001)*	--	--	--	0.4

Refer to Table IV for Notes

TABLE III
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACIL
JOHNSON CITY, NEW YORK

Sample ID	HP-CSH-1	HP-CSH-2	HP-CSH-3	HP-CSH-4	HP-CSH-5	HP-CSH-6	HP-CSH-7
Sample Depth	10-12 ft. bg.	4-6 ft. bg.	4-6 ft. bg.	4-6 ft. bg.	4-6 ft. bg.	6-8 ft. bg.	4-6 ft. bg.
Sample Date	2/13/1995	2/13/1995	2/13/1995	2/13/1995	2/13/1995	2/14/1995	2/14/1995
Sample Area							
Sampled By	D&M	D&M	D&M	D&M	D&M	D&M	D&M
Volatile Organic Compounds (mg/L)							
Analytical Dilution	1	50	1	1	1	1	1
Chloromethane	--	--	--	--	--	--	--
Methylene Chloride	0.003 J	ND(5.400)*	ND(4.100)*	0.067	ND(1.600)*	ND(3.800)*	0.018
Acetone	0.015	ND(10.000)*	ND(8.000)*	0.048 J	ND(3.200)*	ND(7.300)*	0.057
Carbon Disulfide	--	--	--	--	--	--	--
1,1,1-Trichloroethane	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	ND(.006)*	ND(5.400)*	ND(4.100)*	ND(.042)*	ND(1.600)*	ND(3.800)*	ND(.007)*
Toluene	ND(.006)*	ND(5.400)*	ND(4.100)*	0.005 J	ND(1.600)*	ND(3.800)*	0.004 J
Ethylbenzene	ND(.006)*	ND(5.400)*	ND(4.100)*	ND(.042)*	ND(1.600)*	1.6 J	ND(.007)*
Xylenes (total)	ND(.006)*	ND(5.400)*	ND(4.100)*	ND(.042)*	0.480 J	2 J	ND(.007)*
Total Confident Conc. VOAs	0.015			0.067			0.075
Total Estimated Conc. VOA TICs	0.240 J	3468 J	271.5 J	2.3 J	145 J	461.3 J	0.648 J
Semi-Volatile Organic Compounds (mg/L)							
Analytical Dilution	1	10	5	1	1	1.0 / 5.0	1.0 / 5.0
Napthalene	ND(.400)*	ND(29.000)*	ND(2.200)*	0.320 J	0.350 J	1.5	ND(.490)*
2-Methylnapthalene	ND(.400)	14 J	ND(2.200)	0.280 J	0.270 J	1.4	ND(.490)
Dimethylphthalate	ND(.400)*	ND(29.000)*	ND(2.200)*	ND(.550)*	0.070 J	ND(.400)*	0.130 J
Acenaphthylene	ND(.400)	ND(29.000)	0.290 J	ND(.550)	0.062 J	ND(.400)	ND(.490)
2,6-Dinitrotoluene	ND(.400)*	8.00 J	ND(2.200)*	ND(.550)*	ND(.440)*	ND(.400)*	ND(.490)*
Acenaphthene	ND(.400)*	5.20 J	0.340 J	0.065 J	0.067 J	0.320 J	ND(.490)*
Dibenzofuran	ND(.400)	3.30 J	ND(2.200)	ND(.550)	0.059 J	ND(.400)	ND(.490)
Diethylphthalate	--	--	--	--	--	--	--
Fluorene	ND(.400)*	7.80 J	0.500 J	0.110 J	0.160 J	0.58	0.052 J
Phenanthrene	ND(.400)*	24.0 J	ND(2.200)*	0.35	0.340 J	ND(.900)*	ND(.490)*
Anthracene	ND(.400)*	ND(29.000)*	ND(2.200)*	ND(.550)*	0.068 J	ND(.400)*	ND(.490)*
Carbazole	ND(.400)	ND(29.000)	ND(2.200)	ND(.550)	ND(.440)	ND(.400)	ND(.490)
Di-n-butylphthalate	0.140 JB	ND(29.000)*	ND(2.200)*	ND(.550)*	ND(.440)*	ND(.400)*	ND(.490)*
Fluoranthene	ND(.400)*	13.0 J	1.2 J	0.190 J	0.170 J	0.98	ND(.490)*
Pyrene	ND(.400)*	12.0 J	1.10 J	0.170 J	0.160 J	ND(.400)*	ND(.490)*
Benzo(a)anthracene	ND(.400)*	ND(29.000)*	0.440 J	ND(.550)*	0.074 J	0.120 J	ND(.490)*
Chrysene	ND(.400)*	ND(29.000)*	0.490 J	0.200 J	0.130 J	0.120 J	ND(.490)*
bis(2-Ethylhexyl)phthalate	1.00 B	ND(29.000)*	1.70 JB	0.300 JB	ND(.440)*	ND(.400)*	1.00 B

TABLE III
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACIL
JOHNSON CITY, NEW YORK

Sample ID	HP-CSH-1	HP-CSH-2	HP-CSH-3	HP-CSH-4	HP-CSH-5	HP-CSH-6	HP-CSH-7
Sample Depth	10-12 ft. bg.	4-6 ft. bg.	4-6 ft. bg.	4-6 ft. bg.	4-6 ft. bg.	6-8 ft. bg.	4-6 ft. bg.
Sample Date	2/13/1995	2/13/1995	2/13/1995	2/13/1995	2/13/1995	2/14/1995	2/14/1995
Sample Area							
Sampled By	D&M	D&M	D&M	D&M	D&M	D&M	D&M
Di-n-octylphthalate	--	--	--	--	--	--	--
Benzo(b)fluoranthene	ND(.400)*	ND(29.000)*	0.340 J	0.120 J	0.054 J	ND(.400)*	ND(.490)*
Benzo(k)fluoranthene	ND(.400)*	ND(29.000)*	0.270 J	ND(.550)*	0.052 J	0.043 J	ND(.490)*
Benzo(a)pyrene	ND(.400)	ND(29.000)	0.320 J	0.067 J	ND(.440)	ND(.400)	ND(.490)
Indeno(1,2,3-cd)pyrene	ND(.400)*	ND(29.000)*	ND(2.200)*	ND(.550)*	ND(.440)*	ND(.400)*	ND(.490)*
Benzo(g,h,i)Perylene	ND(.400)	ND(29.000)	ND(2.200)	ND(.550)	ND(.440)	ND(.400)	ND(.490)
Total Confident Conc. SVOCs				0.35		4.46	
Total Estimated Conc. SVOCs TICs		3450 J	177600 J	16.5 J	14930 J	418 J	124.6 J
Metals (mg/L)							
Aluminum	--	--	--	--	--	--	--
Antimony	--	--	--	--	--	--	--
Arsenic	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--
Beryllium	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--
Calcium	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--
Cobalt	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--
Iron	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--
Magnesium	--	--	--	--	--	--	--
Manganese	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--
Potassium	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--
Sodium	--	--	--	--	--	--	--
Thallium	--	--	--	--	--	--	--
Vanadium	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--
Cyanide	--	--	--	--	--	--	--

TABLE III
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACIL
JOHNSON CITY, NEW YORK

Sample ID	HP-CSH-1	HP-CSH-2	HP-CSH-3	HP-CSH-4	HP-CSH-5	HP-CSH-6	HP-CSH-7
Sample Depth	10-12 ft. bg.	4-6 ft. bg.	4-6 ft. bg.	4-6 ft. bg.	4-6 ft. bg.	6-8 ft. bg.	4-6 ft. bg.
Sample Date	2/13/1995	2/13/1995	2/13/1995	2/13/1995	2/13/1995	2/14/1995	2/14/1995
Sample Area							
Sampled By	D&M	D&M	D&M	D&M	D&M	D&M	D&M
Hexavalent Chromium	--	--	--	--	--	--	--
pH (Standard Units)	--	--	--	--	--	--	--
PCBs (mg/L)							
Analytical Dilution	1	50	5	1	5	5	5
Total PCBs	12	9300	54	320	1200	570	990

Refer to Table IV for Notes

TABLE III
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACIL
JOHNSON CITY, NEW YORK

Sample ID	HP-CSH-8	HP-CSH-9	HP-CSH-10	HP-CSH-11	HP-CSH-12	HP-CSH-13	HP-BG-6
Sample Depth	4-6 ft. bg.	4-6 ft. bg.	5-8 ft. bg.	4-6 ft. bg.	4-6 ft. bg.	4-6 ft. bg.	24-27 ft. bg
Sample Date	2/14/1995	2/14/1995	2/14/1995	2/14/1995	2/14/1995	2/14/1995	2/10/1995
Sample Area							
Sampled By	D&M	D&M	D&M	D&M	D&M	D&M	D&M
Volatile Organic Compounds (mg/L)							
Analytical Dilution	1	1	1	1	1	1	1
Chloromethane	--	--	--	--	--	--	--
Methylene Chloride	0.035	ND(.030)*	0.065	0.017	0.12	ND(.006)*	ND(.005)
Acetone	ND(.012)	ND(.060)*	0.032	0.012	0.24	0.052	0.012
Carbon Disulfide	--	--	--	--	--	--	--
1,1,1-Trichloroethane	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	ND(.006)*	0.010 J	ND(.006)*	ND(.006)*	ND(.030)*	ND(.006)*	--
Toluene	ND(.006)*	ND(.030)*	0.024	0.01	0.013 J	ND(.006)*	--
Ethylbenzene	ND(.006)*	ND(.030)*	ND(.006)*	ND(.006)*	ND(.030)*	ND(.006)*	--
Xylenes (total)	ND(.006)*	ND(.030)*	ND(.006)*	ND(.006)*	ND(.030)*	ND(.006)*	--
Total Confident Conc. VOAs	0.035		0.121	0.039	0.36	0.52	0.012
Total Estimated Conc. VOA TICs	1.51 J	1.83 J	1.56 J	0.506 J	2.06	0.088 J	
Semi-Volatile Organic Compounds (mg/L)							
Analytical Dilution	1	1.0 / 5.0	1	1	1	1	1
Napthalene	ND(.400)*	0.230 J	ND(.400)*	ND(.400)*	ND(.400)*	ND(.380)*	ND(.011)*
2-Methylnapthalene	ND(.400)	3.4	ND(.400)	ND(.400)	ND(.400)	ND(.380)	ND(.011)
Dimethylphthalate	ND(.400)*	ND(.400)*	ND(.400)*	ND(.400)*	ND(.400)*	ND(.380)*	--
Acenaphthylene	ND(.400)	0.66	ND(.400)	ND(.400)	ND(.400)	ND(.380)	--
2,6-Dinitrotoluene	ND(.400)*	ND(.400)*	ND(.400)*	ND(.400)*	ND(.400)*	ND(.380)*	--
Acenaphthene	ND(.400)*	ND(.400)*	ND(.400)*	ND(.400)*	ND(.400)*	ND(.380)*	ND(.011)
Dibenzofuran	ND(.400)	ND(.400)	ND(.400)	ND(.400)	ND(.400)	ND(.380)	--
Diethylphthalate	--	--	--	--	--	--	ND(.011)
Fluorene	0.1	ND(.400)*	ND(.400)*	ND(.400)*	ND(.400)*	ND(.380)*	ND(.011)
Phenanthrene	ND(.400)*	ND(.400)*	0.150 J	ND(.400)*	ND(.400)*	ND(.380)*	ND(.011)
Anthracene	ND(.400)*	ND(.400)*	ND(.400)*	ND(.400)*	ND(.400)*	ND(.380)*	ND(.011)
Carbazole	ND(.400)	ND(.400)	ND(.400)	ND(.400)	ND(.400)	ND(.380)	ND(.011)
Di-n-butylphthalate	0.069	ND(.400)*	0.190 JB	0.130 JB	0.210 JB	0.130 JB	ND(.011)
Fluoranthene	0.110 J	1.5 J	0.260 J	ND(.400)*	ND(.400)*	ND(.380)*	ND(.011)
Pyrene	0.100 J	1.1	0.240 J	ND(.400)*	ND(.400)*	ND(.380)*	ND(.011)
Benzo(a)anthracene	0.053 J	0.370 J	0.150 J	ND(.400)*	ND(.400)*	ND(.380)*	--
Chrysene	0.074 J	0.290 J	0.170 J	ND(.400)*	ND(.400)*	ND(.380)*	ND(.011)*
bis(2-Ethylhexyl)phthalate	1.7 B	ND(.400)*	1.10 B	0.170 JB	0.049 JB	ND(.380)*	0.003 J

TABLE III
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACIL
JOHNSON CITY, NEW YORK

Sample ID	HP-CSH-8	HP-CSH-9	HP-CSH-10	HP-CSH-11	HP-CSH-12	HP-CSH-13	HP-BG-6
Sample Depth	4-6 ft. bg.	4-6 ft. bg.	5-8 ft. bg.	4-6 ft. bg.	4-6 ft. bg.	4-6 ft. bg.	24-27 ft. bg
Sample Date	2/14/1995	2/14/1995	2/14/1995	2/14/1995	2/14/1995	2/14/1995	2/10/1995
Sample Area							
Sampled By	D&M	D&M	D&M	D&M	D&M	D&M	D&M
Di-n-octylphthalate	--	--	--	--	--	--	--
Benzo(b)fluoranthene	0.072 J	0.110 J	0.140 J	ND(.400)*	ND(.400)*	ND(.380)*	--
Benzo(k)fluoranthene	0.048 J	0.046 J	0.150 J	ND(.400)*	ND(.400)*	ND(.380)*	--
Benzo(a)pyrene	0.054 J	0.150 J	0.140 J	ND(.400)	ND(.400)	ND(.380)	--
Indeno(1,2,3-cd)pyrene	ND(.400)*	ND(.400)*	0.120 J	ND(.400)*	ND(.400)*	ND(.380)*	--
Benzo(g,h,i)Perylene	ND(.400)	ND(.400)	0.087 J	ND(.400)	ND(.400)	ND(.380)	--
Total Confident Conc. SVOCs	0.169	5.16					
Total Estimated Conc. SVOCs TICs	128.2 J	16.0 J	2.00 J	1.90 J	1.90 J	2.00 J	
Metals (mg/L)							
Aluminum	--	--	--	--	--	--	--
Antimony	--	--	--	--	--	--	--
Arsenic	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--
Beryllium	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--
Calcium	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--
Cobalt	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--
Iron	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--
Magnesium	--	--	--	--	--	--	--
Manganese	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--
Potassium	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--
Sodium	--	--	--	--	--	--	--
Thallium	--	--	--	--	--	--	--
Vanadium	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--
Cyanide	--	--	--	--	--	--	--

TABLE III
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACIL
JOHNSON CITY, NEW YORK

Sample ID	HP-CSH-8	HP-CSH-9	HP-CSH-10	HP-CSH-11	HP-CSH-12	HP-CSH-13	HP-BG-6
Sample Depth	4-6 ft. bg.	4-6 ft. bg.	5-8 ft. bg.	4-6 ft. bg.	4-6 ft. bg.	4-6 ft. bg.	24-27 ft. bg
Sample Date	2/14/1995	2/14/1995	2/14/1995	2/14/1995	2/14/1995	2/14/1995	2/10/1995
Sample Area							
Sampled By	D&M	D&M	D&M	D&M	D&M	D&M	D&M
Hexavalent Chromium	--	--	--	--	--	--	--
pH (Standard Units)	--	--	--	--	--	--	7.43
PCBs (mg/L)							
Analytical Dilution	5	25	1	1	1	1	
Total PCBs	290	2600	150	12	21	47	--

Refer to Table IV for Notes

TABLE III
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACIL
JOHNSON CITY, NEW YORK

Sample ID	HP-BG-7A	HP-BG-7	HP-BG-8	MW-1		DUP-31595	
Sample Depth	24-27 ft. bg.	32-35 ft. bg.	22-25 ft. bg.	--		--	
Sample Date	2/10/1995	2/10/1995	2/10/1995	3/15/1995		3/15/1995	
Sample Area							
Sampled By	D&M	D&M	D&M	D&M		D&M	
				UNFILTERED	FILTERED	UNFILTERED	FILTERED
Volatile Organic Compounds (mg/L)							
Analytical Dilution	1	1	1	1	--	1	--
Chloromethane	--	--	--	ND(.010)	--	0.001 J	--
Methylene Chloride	ND(.005)	ND(.005)	ND(.005)	--	--	--	--
Acetone	ND(.010)	0.007 J	ND(.010)	0.008 J	--	0.019	--
Carbon Disulfide	--	--	--	ND(.005)	--	0.002 J	--
1,1,1-Trichloroethane	--	--	--	ND(.005)	--	ND(.005)	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--	--
Xylenes (total)	--	--	--	--	--	--	--
Total Confident Conc. VOAs						0.019	
Total Estimated Conc. VOA TICs		0.028					
Semi-Volatile Organic Compounds (mg/L)							
Analytical Dilution	1	1	1	1		1	
Napthalene	ND(.010)	0.002 J	0.012	--	--	--	--
2-Methylnapthalene	ND(.010)	0.002 J	0.002 J	--	--	--	--
Dimethylphthalate	--	--	--	--	--	--	--
Acenaphthylene	--	--	--	--	--	--	--
2,6-Dinitrotoluene	--	--	--	--	--	--	--
Acenaphthene	ND(.010)	ND(.010)	ND(.011)	--	--	--	--
Dibenzofuran	--	--	--	--	--	--	--
Diethylphthalate	ND(.010)	ND(.010)	0.004 J	--	--	--	--
Fluorene	ND(.010)	ND(.010)	0.002 J	--	--	--	--
Phenanthrene	ND(.010)	ND(.010)	0.002 J	--	--	--	--
Anthracene	ND(.010)	ND(.010)	0.001 J	--	--	--	--
Carbazole	ND(.010)	ND(.010)	0.001 J	--	--	--	--
Di-n-butylphthalate	ND(.010)	0.002 J	ND(.011)	ND(.011)	--	0.002 J	--
Fluoranthene	ND(.010)	ND(.010)	ND(.011)	--	--	--	--
Pyrene	ND(.010)	ND(.010)	ND(.011)	--	--	--	--
Benzo(a)anthracene	--	--	--	--	--	--	--
Chrysene	ND(.010)*	ND(.010)*	ND(.011)*	--	--	--	--
bis(2-Ethylhexyl)phthalate	ND(.010)	0.003	ND(.011)	0.001 JB	--	0.003 JB	--

TABLE III
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACIL
JOHNSON CITY, NEW YORK

Sample ID	HP-BG-7A	HP-BG-7	HP-BG-8	MW-1		DUP-31595	
Sample Depth	24-27 ft. bg.	32-35 ft. bg.	22-25 ft. bg.	--		--	
Sample Date	2/10/1995	2/10/1995	2/10/1995	3/15/1995		3/15/1995	
Sample Area							
Sampled By	D&M	D&M	D&M	D&M		D&M	
				UNFILTERED	FILTERED	UNFILTERED	FILTERED
Di-n-octylphthalate	--	--	--	--	--	--	--
Benzo(b)fluoranthene	--	--	--	--	--	--	--
Benzo(k)fluoranthene	--	--	--	--	--	--	--
Benzo(a)pyrene	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	--	--	--	--	--	--	--
Benzo(g,h,i)Perylene	--	--	--	--	--	--	--
Total Confident Conc. SVOCs		0.003	0.012				
Total Estimated Conc. SVOCs TICs		0.021 J	0.016 J	0.071 J		?	
Metals (mg/L)							
Aluminum	--	--	--	14	2.75	86.8	0.034
Antimony	--	--	--	0.124	0.0547	0.205	0.085
Arsenic	--	--	--	0.0036	ND(.0011)	0.0107	ND(.0011)
Barium	--	--	--	0.156	0.0643	0.82	0.0724
Beryllium	--	--	--	0.00077	0.00015	0.0036	ND(.00012)
Cadmium	--	--	--	ND(.0033)	ND(.0033)	ND(.0033)	ND(.0033)
Calcium	--	--	--	152	81.5	525	111
Chromium	--	--	--	0.0335	ND(.0076)	0.23	ND(.0076)
Cobalt	--	--	--	0.0172	ND(.008)*	0.0752	ND(.008)*
Copper	--	--	--	0.0172	0.0078	0.349	ND(.0035)
Iron	--	--	--	34.2	3.41	182	0.0665
Lead	--	--	--	0.0228	0.0018	0.439	0.00042
Magnesium	--	--	--	40.2	19.7	156	244
Manganese	--	--	--	1.86	0.85	6.52	1.1
Mercury	--	--	--	ND(.0002)	ND(.0002)	0.0015	ND(.0002)
Nickel	--	--	--	0.0477	0.0111	0.195	0.0103
Potassium	--	--	--	5.27	5.31	?	6.68
Selenium	--	--	--	0.0011	0.0017	?	ND(.0010)
Silver	--	--	--	--	--	--	--
Sodium	--	--	--	41.9	47.6	54.5	57.3
Thallium	--	--	--	ND(.00097)	ND(.0012)	?	ND(.0012)
Vanadium	--	--	--	0.0291	0.0078	?	ND(.0052)
Zinc	--	--	--	0.138	0.0169	?	0.0382
Cyanide	--	--	--	ND(.0013)	--	ND(.0013)	--

TABLE III
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACIL
JOHNSON CITY, NEW YORK

Sample ID	HP-BG-7A	HP-BG-7	HP-BG-8	MW-1	DUP-31595		
Sample Depth	24-27 ft. bg.	32-35 ft. bg.	22-25 ft. bg.	--	--		
Sample Date	2/10/1995	2/10/1995	2/10/1995	3/15/1995	3/15/1995		
Sample Area							
Sampled By	D&M	D&M	D&M	D&M	D&M		
				UNFILTERED	FILTERED	UNFILTERED	FILTERED
Hexavalent Chromium	--	--	--	ND(.001)	--	ND(.001)	--
pH (Standard Units)	8	7.69	7.05	--	--	--	--
PCBs (mg/L)							
Analytical Dilution							
Total PCBs	--	--	--	--	--	--	--

Refer to Table IV for Notes

TABLE III
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACIL
JOHNSON CITY, NEW YORK

Sample ID	MW-2		MW-3	
Sample Depth	--		--	
Sample Date	3/15/1995		3/15/1995	
Sample Area				
Sampled By	D&M		D&M	
	UNFILTERED	FILTERED	UNFILTERED	FILTERED
Volatile Organic Compounds (mg/L)				
Analytical Dilution	1	--	1	--
Chloromethane	ND(.010)	--	ND(.010)	--
Methylene Chloride	--	--	--	--
Acetone	ND(.010)	--	0.014	--
Carbon Disulfide	ND(.005)	--	ND(.005)	--
1,1,1-Trichloroethane	ND(.005)	--	0.002 J	--
1,1,2,2-Tetrachloroethane	--	--	--	--
Toluene	--	--	--	--
Ethylbenzene	--	--	--	--
Xylenes (total)	--	--	--	--
Total Confident Conc. VOAs			0.014	
Total Estimated Conc. VOA TICs	0.006 J			
Semi-Volatile Organic Compounds (mg/L)				
Analytical Dilution	1		1	
Napthalene	--	--	--	--
2-Methylnapthalene	--	--	--	--
Dimethylphthalate	--	--	--	--
Acenaphthylene	--	--	--	--
2,6-Dinitrotoluene	--	--	--	--
Acenaphthene	--	--	--	--
Dibenzofuran	--	--	--	--
Diethylphthalate	--	--	--	--
Fluorene	--	--	--	--
Phenanthrene	--	--	--	--
Anthracene	--	--	--	--
Carbazole	--	--	--	--
Di-n-butylphthalate	ND(.010)	--	0.002 J	--
Fluoranthene	--	--	--	--
Pyrene	--	--	--	--
Benzo(a)anthracene	--	--	--	--
Chrysene	--	--	--	--
bis(2-Ethylhexyl)phthalate	ND(.010)	--	0.001 JB	--

TABLE III
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACIL
JOHNSON CITY, NEW YORK

Sample ID	MW-2		MW-3	
Sample Depth	--		--	
Sample Date	3/15/1995		3/15/1995	
Sample Area				
Sampled By	D&M		D&M	
	UNFILTERED	FILTERED	UNFILTERED	FILTERED
Di-n-octylphthalate	--	--	--	--
Benzo(b)fluoranthene	--	--	--	--
Benzo(k)fluoranthene	--	--	--	--
Benzo(a)pyrene	--	--	--	--
Indeno(1,2,3-cd)pyrene	--	--	--	--
Benzo(g,h,i)Perylene	--	--	--	--
Total Confident Conc. SVOCs				
Total Estimated Conc. SVOCs TICs	0.008 J		0.008 J	
Metals (mg/L)				
Aluminum	83.3	0.342	36.1	0.0634
Antimony	0.165	0.087	0.136	0.0756
Arsenic	0.0159	ND(.0011)	0.0076	ND(.0011)
Barium	0.516	0.0801	0.305	0.0465
Beryllium	0.0042	ND(.00012)	0.0019	ND(.00012)
Cadmium	ND(.0033)	ND(.0033)	0.0039	ND(.0033)
Calcium	251	123	146	103
Chromium	0.142	ND(.0076)	0.0564	ND(.0076)
Cobalt	0.0702	ND(.008)*	0.0398	ND(.008)*
Copper	0.221	0.0044	0.14	0.0038
Iron	167	0.444	84.6	0.115
Lead	0.132	ND(.00031)	0.0447	ND(.00031)
Magnesium	733	198	428	169
Manganese	3.4	0.746	3.89	0.0645
Mercury	0.00025	ND(.0002)	ND(.0002)	ND(.0002)
Nickel	0.193	ND(.0103)	0.0831	ND(.0103)
Potassium	9.38	5.31	6.94	2.89
Selenium	ND(.0010)	ND(.0010)	ND(.0010)	0.0015
Silver	--	--	--	--
Sodium	34.8	40.7	43.4	42.4
Thallium	0.00097	ND(.0012)	ND(.0012)	ND(.0012)
Vanadium	0.147	ND(.0052)	0.0652	ND(.0052)
Zinc	0.55	0.0074	0.298	0.0068
Cyanide	ND(.0013)	--	0.004	--

TABLE III
SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACIL
JOHNSON CITY, NEW YORK

Sample ID	MW-2		MW-3	
Sample Depth	--		--	
Sample Date	3/15/1995		3/15/1995	
Sample Area				
Sampled By	D&M		D&M	
	UNFILTERED	FILTERED	UNFILTERED	FILTERED
Hexavalent Chromium	ND(.001)	--	ND(.001)	--
pH (Standard Units)	--	--	--	--
PCBs (mg/L)				
Analytical Dilution				
Total PCBs	--	--	--	--

Refer to Table IV for Notes

TABLE IV
SUMMARY OF HISTORICAL SOIL AND GROUNDWATER ANALYTICAL DATA - GENERAL NOTES SECTION
FORMER ENDICOTT-JOHNSON RANGER PARACORD FACILITY
JOHNSON CITY, NEW YORK

General Notes:

- 1) NA = Not Applicable
- 2) NT = Not Tested
- 3) "--" = Sample not tested for corresponding compound.
- 4) ND = Not Detected above method detection limit. Detection limit shown in parentheses.
- 5) * = Detection limit exceeds TAGM 4046 criteria/NYS TOG Standards and Guidance Values
- 6) J = Approximately
- 7) B = Found in the method blank as well as the sample
- 8) Bold text shows values that exceed TAGM 4046 criteria/NYS TOG Standards and Guidance Values
- 9) Grey-highlighted values exceed TAGM 4046 criteria and Background Concentrations.
- 10) Background Concentrations:
SVOC background derived from historical sample collection site background range.
Metals background analysis using Eastern USA Background Concentrations.
- 11) ? = Data was not readable in Dames & Moore's 1998 Phase II report.
- 12) NP = NYSDEC standards are not published for that compound
- 13) R = Results unreliable - compound may or may not be present

APPENDIX B

Data Validator Resume (Denis Conley of Haley & Aldrich of New York)

Haley & Aldrich of New York

DENIS M. CONLEY

Senior Scientist

Summary of Qualifications

As Senior Scientist with Haley & Aldrich, Mr. Conley coordinates analytical laboratory services, performs data validation services, and provides interpretation of chemical analysis data. Responsibilities include preparation of quality assurance project plans (QAPjP) and sampling and analysis plans (SAPs), monitoring compliance of sub-contracted analytical services, and quality assurance of site investigation activities.

Mr. Conley is an approved Data Validator by the NYSDEC Hazardous Waste Remediation Group and a certified bacteriologist in the state of Maine.

In addition, Mr. Conley has served as part-time faculty with the Rochester Institute of Technology's Department of Environmental Management in Rochester, New York conducting lecture and laboratory courses in environmental chemistry and microbiology for undergraduate, graduate and continuing education students.

Prior to joining Haley & Aldrich, Mr. Conley was a Supervisor with a USEPA Region I contract laboratory located in Portland, Maine. As a member of the laboratory management team, Mr. Conley's responsibilities included training and supervision of staff chemists, maintenance of State and Federal Certifications, and implementation of the laboratory quality assurance policies. Mr. Conley was also responsible for completion of Special Analytical Services (SAS) protocols for the USEPA within the Contract Laboratory Program (CLP).

Relevant Project Experience

Data Validation Services, Numerous Clients, New York State Department of Environmental Conservation. Mr. Conley has prepared data validation reports in conjunction with remedial investigations conducted with oversight provided from the NYSDEC Bureau of Technical Services (BTS). Data evaluation procedures utilize the "Functional Guidelines for Evaluating Organic and Inorganic Analyses" developed by the USEPA Data Review Work Group as part of the Superfund Data Validation Program.

<u>STATE SUPERFUND SITES</u>	<u>Site ID</u>
Dollinger Corporation	8-28-078
Rando Corporation	8-59-014
Xerox Building 209	8-28-068
Xerox Henrietta Facility	8-28-069
Weiland Road Landfill	8-28-002
Lapp Insulator	8-19-017
Diaz Chemical Corporation	8-37-009

Additional Project Experience

Phase II/III Investigations, Delco Chassis Facilities, Rochester, NY, Juarez and Nuevo Laredo, Mexico. Mr. Conley prepared SAPs, QAPjPs, and assisted in the implementation of Work Plans at former Delco Division facilities. Analytical data generated as part of the Phase II and III activities was utilized in establishing existing site conditions at the time of ownership transfer from GM to ITT automotive. Mr. Conley also prepared detailed Data Validation Reports addressing useability of the analytical data in representing the environmental conditions at each facility.

Phase II Investigations, Saginaw Division Facilities, Buffalo, NY, Detroit, MI. Mr. Conley prepared SAPs, QAPjPs and assisted in negotiating laboratory contracts for the implementation of the Work Plans with GM-ESS staff. Data generated from the Investigations was utilized in establishing environmental site conditions at the time of ownership transfer of the facilities from GM to American Axle & Manufacturing (AAM). As part of the reporting process, Mr. Conley reviewed all analytical data for compliance with project specific DQOs and provided data useability assessments.

Missouri Electric Works Superfund Site, Cape Girardeau, MO. Mr. Conley served as the project scientist responsible for providing quality assurance/quality control services, data validation, and oversight of stack testing programs at this National Priority List (NPL) site. He prepared SAP and QAPjP for a TSCA Demonstration conducted using the TerraTherm In-Situ Thermal Desorption (ISTD) process for the remediation of PCB impacted soils, and prepared a comprehensive Data Useability assessment for the USEPA Office of Pollution Prevention and Toxics.

Facility Reference Document, Eastman Kodak Company, Kodak Park, Rochester, NY. Mr. Conley developed a site wide Quality Assurance Project Plan (QAPjP) for the Kodak Park facility. The QAPjP is utilized as a guidance document for preparation of environmental sampling and analysis work plans conducted at the facility. The document encompasses each element required to achieve Data Quality Objectives (DQOs) for NYSDEC interim remedial measures (IRMs), RCRA Facility Investigations (RFI), and CERCLA Remedial Investigations/Feasibility Studies (RI/FS).

Education

University of Southern Maine, Portland, Maine

B.A. Biology

University of Southern Maine, Portland, Maine

B.S. Applied Chemistry

Certification

State of Maine, Certified Bacteriologist 1989

State of New York, Approved Data Validator, NYSDEC Haz. Waste Remediation Group, 1991

Additional Training

Process Chemistry for Water Treatment University of New Hampshire 1989
OSHA 40 Hr. (29 CFR 1910.120), 8 Hr. Supervisor (29 CFR 1910.120), 1992
8 Hr. Refresher (29 CFR 1910.120), 1992 - 2001
Comprehensive Industrial Hygiene University of Michigan, 1995

Recent Publications

Conley, Denis M., 2000, “Field Scale Implementation of Thermal Well Technology, Naval Facility Centerville Beach, Ferndale, California”, presented at the 2nd International Conference on the Remediation of Recalcitrant and Chlorinated Compounds, Battelle Memorial Institute, Monterey CA, May 22, 2000.

Conley, Denis M., K.S. Hansen, G.L. Stegemeier, “In Situ Thermal Desorption of Refined Petroleum Hydrocarbons from Saturated Soils” presented at the 2nd International Conference on the Remediation of Recalcitrant and Chlorinated Compounds, Battelle Memorial Institute, Monterey CA, May 22, 2000.

Baker, Ralph S., D. M. Conley, J. Galligan, D. Gregory, P. Patton, S. Hall, “ISTD Treatability Study at Rocky Mountain Arsenal Hex Pit”, proceedings of the 2nd International Conference on the Remediation of Recalcitrant and Chlorinated Compounds, Battelle Memorial Institute, Monterey CA, May 22, 2000.

Conley, Denis M., 1999, “Application of ISTD Thermal Well Technology- Case Study”, presented at the 1st International Environmental Exposition, Interstate Technology Regulatory Cooperation (ITRC) Workgroup, Atlantic City, NJ, April 21, 1999.

Hansen, Kirk S., D. M. Conley, H. J. Vinegar, G. L. Stegemeier, 1998, “In Situ Thermal Desorption of Coal Tar”, proceedings from the 11th International Symposium, Institute of Gas Technology, Orlando, FL., December 6-9 1998.

Conley, Denis M., K. Jenkins, 1998, “Application of ISTD to Remediate PCBs from Soil at the Former Mare Island Naval Shipyard, Vallejo, CA.”, presented at the 3rd Annual Tri-Service Conference, San Diego, CA., August 15-17, 1998.

Vinegar, Harold J., G. L Stegemeier, J. M Hirsch, D. M. Conley, et al, 1997, “In Situ Thermal Desorption of PCBs”, proceedings of the Superfund XVIII Conference, Washington, DC, December 2, 1997.

Conley, Denis M., and J. E. Loney, 1996, “Applied Groundwater Treatment using UV Oxidation Technologies”, presented at the 28th Mid-Atlantic Industrial and Hazardous Waste Conference, Buffalo, NY, July 14-17 1996.

Edwards, David A., D. M. Conley, and M. G. Biekirch, 1996, “Surfactant Applications in Environmental Restoration,” proceedings of the 28th Mid-Atlantic Industrial and Hazardous Waste Conference, Buffalo, NY, July 14-17 1996.

APPENDIX C

Health & Safety Plan



HALEY & ALDRICH, INC.
SITE-SPECIFIC HEALTH & SAFETY PLAN

for

Former Endicott-Johnson Ranger Paracord Site – Southern Parcel
Supplemental BCP Investigation

Johnson City, New York

Project/File No. 30603-010

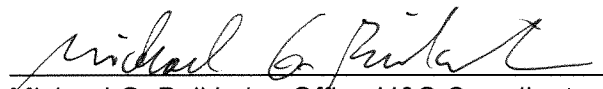
Prepared by: Lisa Turturro

Date: 24 October 2005

Revised by:

Date:

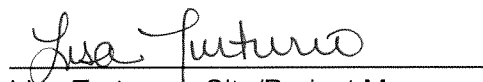
APPROVALS: The following signatures constitute approval of this Health & Safety Plan.
Deviations from this Plan are not permitted without prior approval from the undersigned.



Michael G. Beikirch - Office H&S Coordinator

10.24.05

Date



Lisa Turturro - Site/Project Manager

10.24.05

Date

Tom Benedict - Corporate H&S Manager

Date

PRE-WORK HEALTH & SAFETY BRIEFING

I have attended a briefing on this Health & Safety Plan prior to the start of on-site work and declare that I understand and agree to follow the provisions and procedures set forth herein while working on this site.

PRINTED NAME**SIGNATURE****DATE**

_____	_____	
_____	_____	
_____	_____	
_____	_____	
_____	_____	
_____	_____	
_____	_____	
_____	_____	
_____	_____	
_____	_____	
_____	_____	

NOTE: This Site Health and Safety Plan provides only site-specific descriptions and work procedures. General safety and health compliance programs in support of this site plan, including safe work, training, medical monitoring, and recordkeeping practices, are described in the Haley & Aldrich Corporate Health and Safety Program Manual and are hereby made part of this plan by reference. The manual is available to all employees and to outside parties by request.

1.0 PROJECT INFORMATION

Name of Project: BCP Supplemental Investigation	H&A File No.: 30603-010
Location: Former Endicott-Johnson Ranger Paracord Site – Southern Parcel	
Client/Site Contact: Ken Kamlet, Stella Ireland Road Associates LLC	Contact Phone No.: 607-770-0155 x229
H&A Project Manager: Lisa Turturro	PM Phone No.: 585-321-4237

SCOPE OF WORK:

The Brownfields Cleanup Program Supplemental Investigation includes: a) installation of soil borings to facilitate soil sampling; b) installation and collection of groundwater samples from a monitoring well; and c) removal of foundation slabs and subsurface utilities.

Subcontractor(s) to be involved in on-site Investigation activities:

Name	Work Activity
Drilling Subcontractor	Installation of soil borings Installation of temporary monitoring well
Demolition Contractor	Removal of slabs and utilities

Projected Start Date: Fall/Winter 2005

Projected Completion Date: Winter 2005

Estimated Number of Days to Complete Field Work: Two to three days for soil and groundwater sampling; several weeks for slab and utility removal.

2.0 SITE DESCRIPTION

Check one of the following:

Site classification:			Industrial		Commercial	X	Other: Vacant former industrial
-----------------------------	--	--	------------	--	------------	---	---------------------------------

2.1 General Description: (include site history/usage; type of facility; type of investigation; materials stored/used on site; whether paved or landscaped, etc.)

Former rubber manufacturing plant proposed for redevelopment for commercial printing operation. The supplemental investigation is being performed in support of the NYSDEC Brownfield Cleanup Program process. Initial site investigations have been performed to characterize the site. PAHs, petroleum, metals, and VOCs have been detected at the site. The site is mostly paved. Previously existing buildings have been demolished.

Site Status (mark all that apply):

	Active	X	Inactive
	Partially Active		Other:

Site history information sources used; check all that apply:

	Geological References	X	State Files
X	Previous reports by others		Water Quality Maps
X	Sanborn Maps		Inquiries

Is a **site plan** or sketch available? Y X N___ If yes, attach a copy to this plan.

Indicate any **unusual features** at the site (power lines, variable terrain, etc.):

The central and northern portions of the site are generally flat. The southern portion of the site has been regraded with approximately 3 to 6 ft. of crushed concrete derived from building demolition.

2.2 Work Areas

List/identify each specific work area(s) on the job site and indicate its location(s) on the site plan:

1. Exterior Locations – Install soil borings to facilitate collection of soil samples. Install a temporary monitoring well and collect groundwater samples from this well. Demolition contractor will remove building slabs. H&A representative will observe and monitor soil conditions beneath the slab.

3.0 PROJECT TASK BREAKDOWN

List and describe each distinct work task below:

Task No.	Task Description	Employee(s)	Work Date(s) or Duration
1	Installation of soil borings and temporary monitoring well. Collection of soil samples.	Drilling subcontractor (TBD) H&A field tech. (TBD)	1-2 days
2	Collection of groundwater samples.	H&A field tech. (TBD)	1-2 days
3	Slab and utility removal monitoring	Demolition contractor (TBD) H& field tech (TBD)	2-3 weeks

1. Driller will install small-diameter soil boring holes using a drilling rig at exterior locations. A temporary monitoring well will be installed in one location. Haley & Aldrich personnel will monitor and observe installations. Haley & Aldrich personnel will collect soil samples for laboratory analysis from the borings.

2. Haley & Aldrich personnel will collect the groundwater sample for laboratory analysis from installed monitoring well using a dedicated pump and waterra tubing.

3. Demolition contractor will remove building slabs. H&A representative will observe and monitor soil conditions beneath the slab.

4.0 HAZARD ASSESSMENT**4.1 Chemical Hazards**Is **chemical analysis data** available? Y X N__ (If yes, a data summary should be attached)Does chemical analysis data indicate that the site is contaminated? Y X N__Potential **physical state** of the hazardous materials at the site (mark all that apply):

	Gas/Vapor		Sludge
X	Liquid	X	Solid/Particulate

Anticipated/actual **class of compounds** (mark all that apply):

	Asbestos		Inorganics
X	BTEX		Pesticides
	Chlorinated Solvents	X	Petroleum products
X	Heavy Metals	X	Other: PAHs

Impacted environments (indicate all media in which contamination is expected):

	Air	X	Groundwater
X	Soil		Sediment
	Surface water		Other:

Estimated concentrations/medium of major chemicals expected to be encountered by onsite personnel: (Refer to data tables attached in accompanying workplan for specific concentrations previously detected.)

Work Activity	Media	Chemical	Anticipated Concentration
Soil sampling	SO	Metals, PAHs	Generally at or one order of magnitude above TAGM criteria.
Groundwater sampling	GW	VOCs and petroleum SVOCs	Generally below NYSDEC Ambient Water Quality Criteria

(Media key: A = Air; GW = Groundwater; SW = Surface Water; SO = Soil; SE = Sediment)

Other site (safety) concerns related to the chemicals present on this site: N/A

4.2 Physical Hazards

Is any site work area(s) to be entered for this project considered a confined space? Y___N X

If yes, indicate which area(s) and why: N/A

ALL CONFINED SPACE ENTRIES REQUIRE SPECIAL PROCEDURES, PERMITS AND TRAINING AND MUST BE APPROVED BY THE CORPORATE HEALTH & SAFETY MANAGER

Physical Hazard Checklist

Indicate all hazards that may be present for each task. If any of these potential hazards are checked, it is the project manager's responsibility to determine how to eliminate/minimize the hazard to protect onsite personnel. Note: Task numbers refer to those identified in section 3.

(Highlight the check mark [☒], copy and paste in the appropriate box)

Hazards	Task 1	Task 2	Task 3
Underground utilities	☒	☒	☒
Overhead utilities	☒	☒	☒
Excavations greater than 4' depth			
Open excavation fall hazards			
Heavy equipment	☒	☒	☒
Drilling hazards	☒	☒	☒
Noise (above 85 dBA)	☒	☒	☒
Traffic concerns			
Extreme weather conditions			
Rough terrain for drilling equipment			
Buried drums			
Heavy lifting (more than 50 lbs)			
High risk fire hazard			
Poisonous insects or plants			
Water hazards			
Use of a boat			
Lockout/Tagout requirements			
Other:			

Describe any special precautions to be taken with respect to the hazards checked above:

5.0 PROTECTIVE MEASURES**5.1 Personal Protective Equipment Requirements****PPE Checklist**

(Highlight the check mark [✓], copy and paste in the appropriate box)

Required PPE	Task 1	Task 2	Task 2
Hard hat	✓	✓	✓
Safety glasses w/side shields	✓	✓	✓
Steel-toe footwear	✓	✓	✓
Hearing protection (plugs, muffs)	✓	✓	✓
Tyvek™ coveralls		✓	
PE-coated Tyvek™ coveralls			
Boots, chemical resistant	✓	✓	✓
Boot covers, disposable			
Leather work gloves			
Inner gloves - latex	✓	✓	✓
Outer gloves - pvc	✓	✓	✓
Tape all wrist/ankle interfaces			
Half-face respirator			
Full-face respirator			
Organic vapor cartridges			
Acid gas cartridges			
Other cartridges:			
P-100 (HEPA) filters			
Face shield			
Other:			
Level of protection required [C or D]:	D mod	D mod	D mod

Standby equipment to be available onsite:

5.2 Personal Hygiene Safeguards**5.3 Site Safety Equipment**

Check all items that are required to be on site:

Fire extinguisher	✓	First aid kit	✓	Flashlight
Air horn/Signaling device	✓	Cellular phone		Duct tape
Ladder	✓	Barricade tape		Drum dolly
Personal flotation devices	✓	Safety cones		Harness/Lanyard
Other, specify:				

5.4 Site Security & Work Area Controls

Access to each contaminated work area will be controlled during on-site activities as follows:

Access onto the property is generally restricted by fences and posted signs.

Exterior Locations- the area adjacent to the drilling rig (within 25 feet) will be designated as the work area and cones, safety barriers, caution tape or similar means will be used to identify.

Can **site access** be controlled by a perimeter fence or similar means? Y x N
(security - see above)

If not, how will the site/work area be controlled during non-work hours to prevent access by unauthorized persons?

Equipment and tools will be locked down during non-work hours while working at exterior locations.

6.0 MONITORING PLAN AND EQUIPMENT

Is air/**exposure monitoring** required at this work site for personal protection? Y X N

Is **perimeter monitoring** required for community protection? Y N X
(see below)

Monitoring/Screening equipment required to be on site:

	HNu analyzer (PID)		10.2eV		11.7eV		Combustible Gas Indicator (CGI) (LEL)
X	Organic vapor monitor (FID)						Multiple Gas Detector - LEL/O ₂ /H ₂ S/CO
	Photovac Micro Tip, 10.6eV, Mini Rae 2000						Dust/Aerosol/Fiber count monitor
	Photovac GC						Colorimetric tubes; Specify:
	Other:						

Standard action levels and required responses for readings obtained with a multiple gas detector or an individual monitoring instrument are listed below. Do not deviate from these guidelines unless granted specific approval from the Corporate Health and Safety Manager.

Instrument	Normal	Operating levels	Action levels – required responses
Oxygen Meter	20.9%	Between 19.5-23.5%	Below 19.5 %: leave area, requires supplied air Above 23.5%: leave area, fire hazard
CGI	0%	Less than 10%	Greater than 10%: fire/explosion hazard; cease work
Hydrogen Sulfide	0%	Less than 10 ppm.	Greater than 15 ppm (or 10 ppm for 8 hrs) requires supplied air respirator (SAR)
Carbon Monoxide	0%	Less than 25 ppm	Greater than 200 ppm for 1 hour or 25 ppm for 8 hrs requires SAR

Description of Monitoring Requirements (include frequency and location by Task):

Monitoring Plan for Task Number(s):		Frequency:		times per	
-------------------------------------	--	------------	--	-----------	--

1,2,3

1

15 minutes

#1,2,3 – All activities if VOCs are encountered in BZ, increase monitoring to continuous and begin perimeter monitoring of work area to ensure elevated levels (see action levels) are not exceeded. If action levels are exceeded stop work and evaluate further (install engineering controls to mitigate vapors or upgrade PPE) & continue perimeter monitoring until levels fall below detectable levels or work is completed.

In accordance with NYSDOH generic CAM guidance, if VOC levels are measured at a concentration greater than 5 ppm above background and are sustained for 5 minutes, a CAM program will be implemented during supplemental investigation activities, as described in the attached generic CAM plan.

COMMUNITY AIR MONITORING PLAN

In the event that total organic vapor readings in the work area breathing zone exceed 5 ppm above background, real-time air monitoring for volatile compounds at the exclusion zone perimeter will be required. If total organic vapor levels exceed 5 ppm above background at the exclusion zone perimeter, work will be halted and monitoring will be continued under the provisions of a Minor Vapor Emission Response Plan, as described below. All readings must be recorded and be available for NYSDEC and NYSDOH personnel to review.

Minor Vapor Emissions Response Plan

If the ambient concentration of organic vapors exceeds 5 ppm at the work area perimeter, work will be halted and monitoring will continue. If the vapor levels decrease below 5 ppm above background, work activities can resume. If the organic vapor levels are greater than 5 ppm but less than 25 ppm over background at the work area perimeter, work activities can resume provided:

1. The organic vapor level 200 ft downwind of the work area or one-half the distance to the nearest residential or commercial structure, whichever is less, is below 5 ppm over background; AND
2. The benzene and vinyl chloride levels (as measured with a Draeger tube) at the work area perimeter are less than 0.5 ppm; AND
3. More frequent intervals of monitoring, as directed by the safety officer, are conducted.

If the total organic vapor level is above 25 ppm, or the benzene or vinyl chloride level is over 0.5 ppm at the work area perimeter, work must be stopped. Downwind monitoring will be continued to minimize the potential impact to the nearest residential/commercial structure, at the levels specified in the Major Vapor Emissions Response Plan described below.

Major Vapor Emissions Response Plan

If the total organic vapor levels measured 200 ft downwind of the work area, or one-half the distance to the nearest downwind residential or commercial structure (whichever is less), is more than 5 ppm over background, air monitoring must be performed within 20 ft of these structures ("20-ft Zone").

All active operations at the site shall stop and remain down if any of the following vapor levels are observed within the 20-ft Zone:

1. Total organic vapors at 5 ppm or greater over background; OR
2. Benzene or vinyl chloride levels greater than 0.5 ppm.

If, following cessation of work activities, efforts to abate the emission source are unsuccessful (engineering controls, etc.) and any of the above levels persist for more than 30 minutes in the 20-ft Zone, the Major Vapor Emissions Response Plan (MVERP) shall be placed into effect. In addition, any of the following **within the 20-ft Zone** will necessitate activation of the MVERP:

- Organic vapor levels greater than 50 ppm over background
Benzene or vinyl chloride levels greater than 0.5 ppm.

Major Vapor Emissions Response Plan Activation

Upon MVERP activation, the following activities will be undertaken:

1. The site safety officer will be notified, all Emergency Response Contacts listed in the Health & Safety Plan will be contacted, including local police authorities; AND
2. Frequent air monitoring will be conducted at 30-minute intervals within the 20-ft Zone. If two successive readings below action levels are measured, air monitoring may be halted or modified by the safety officer.

All appropriate personnel will be briefed with regard to the details of the Minor and Major Vapor Emissions Response Plans, including anticipated hazards, safety practices, emergency procedures, and communication pathways prior to initiating work.

It is anticipated that dust control measures will be employed during the Supplemental Investigation, including the slab and utility removal activities, thereby eliminating the need for perimeter dust monitoring unless those control measures are ineffective at reducing fugitive dust on the site. Perimeter dust monitoring will be implemented during those activities only if the dust control measures are not effective at preventing fugitive dust.

Notes: 1. Exposure Guidelines for common contaminants are listed in **Table 1 (attached)**.
2. Requirements for PPE upgrades based on monitoring are in **Table 2 (attached)**.

7.0 DECONTAMINATION

7.1 Personnel Decontamination

Are **decontamination procedures** required for personnel working on site? Y X N
If yes, describe steps:

1. Remove any PPE and contain in plastic bag prior to leaving work area, in following order: boots, gloves.
2. Decontaminate any personal equipment which is not disposable with alconox wash and water rinse.
3. Dispose of PPE at appropriate location at site (ie, solid waste dumpster) in the following order: disposable boots; outer gloves; Tyvek TM coveralls; Inner gloves.

Location of decontamination station: At the work area boundary next to drilling or sampling equipment.

Disposal of PPE: At site with solid waste or as appropriate waste stream at site.

7.2 Tools & Equipment Decontamination

Check all **equipment and materials needed for decontamination** of tools and other equipment:

	Acetone		Distilled water		Poly sheeting
✓	Alconox soap	✓	Drums for water	✓	Steam cleaner
✓	Brushes		Hexane	✓	Tap water
	Disposal bags		Methanol	✓	Washtubs
	Other, specify:				

Outline the **equipment decontamination procedures** for this project:

1. Decontamination of drilling equipment and tools with steam cleaner.
2. Decontaminate smaller tools or sampling equipment at each work area using alconox wash and water rinse (ie, buckets, wash tubs, etc)

Disposal methods for contaminated decontamination materials (e.g., wash water, rags, brushes, poly sheeting) will consist of:

The solid waste materials will be managed with the solid waste disposed off-site. Decon water will be disposed onsite unless water is identified to be contaminated (we do not currently anticipate the water will be contaminated during the decon process, as only low-level VOCs have been previously identified at the site) in which case it will be contained.

8.0 CONTINGENCY PLAN

EMERGENCY RESPONSE RESOURCES

Nearest Hospital: (see attached map) Address: Phone Number:	Wilson Memorial Regional Medical Center 33-57 Harrison Street Johnson City, NY 13790 607-762-2494
Emergency Response Number:	911
Local Emergency Response Number (if not on 911 system):	911
Other Ambulance, Fire, Police, or Environmental Emergency Resources:	911
Occupational Health Physician: Address: Phone Number: Emergency Phone Number:	Strong Occupational Health Center 601 Elmwood Avenue Rochester, New York 14624 585-275-9192 585-275-9192
Haley & Aldrich Project Manager: Phone Number: Cell Phone Number: Emergency Phone Number: Client Contact/Project Manager: Phone Number: Emergency Phone Number:	Lisa Turturro 585-321-4237 585-370-3087 Office Main No. 716-359-9000 or Cell No.
Other Entity: Address: Phone Number:	

Evacuation alarms and/or emergency information be communicated among personnel on site by the following means: X Verbal communication. If communication will be by other means, describe:

Emergency services will be summoned: X Via on-site phone or on-site cell phone. If contact will be by other means, describe:

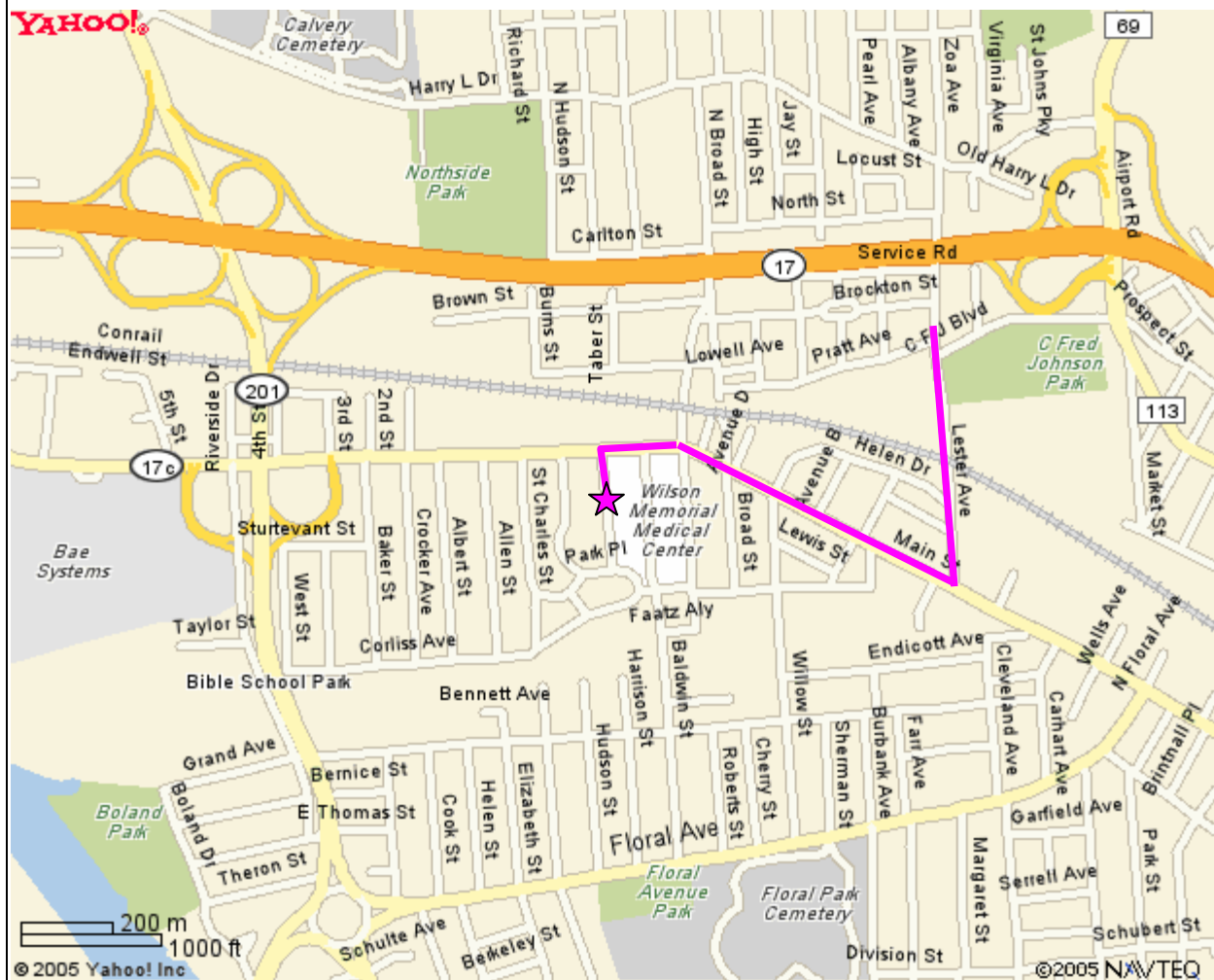
The **site evacuation plan** is as follows: For exterior work, move to fence gates and through egress routes to an offsite location.

Wilson Memorial Regional Medical Center

33-57 Harrison St.

Johnson City, NY 13790

Phone: (607) 762-2494

**Directions:**

1. Start on **Lester Ave** going toward **Helen Dr.** (0.3 mi)
2. Turn **Right** on **Main St. [Rt-17C]** (0.5 mi)
3. Turn **Left** on **Harrison St.** (0.1 mi)
4. Arrive at **Wilson Memorial Regional Medical Center** on the **Left**

**TABLE 1
HAZARD MONITORING**

(CIRCLE CONTAMINANTS OF CONCERN, WRITE ADDITIONAL CONTAMINANTS AND EXPOSURE ON LAST PAGE)

CONTAMINANTS OF CONCERN	ROUTES OF EXPOSURE	IDLH	PEL	TLV 500 Cv 750	PID (IP eV)	FID	ODOR THRES- HOLD	IRRITATION THRESHOLD	ODOR DESCRIPTION
Acetone	R, I, C	2500	1000		9.69	60	13	--	Chem, sweet, pungent
Ammonia	R, A, I, C	300	50	25 Cv 35	--	--	0.5-2	10	Pungent suffocating odor
Benzene	R,A,I,C	Ca	1	Sk 0.5	9.25	150	4.68	--	Solvent
Carbon tetrachloride (Tetrachlormethane)	R,A,I,C	Ca	2 Cv25 200: 5 min peak	Sk 5 Cv 10	11.47**	10	50	--	Sweet, pungent
Chlorobenzene	R,I,C	1000	75	10	9.07	200	0.68	--	Almond like
Chloroform	R,I,C	Ca	2	10	11.42**	65	50	--	Sweet
Cyanides (CN salts)	R,A,I,C	50 mg/m ³	5 mg/m ³	Sk Cv 5 mg/m ³	--	--	--	--	Faint almond odor
o-Dichlorobenzene	R,A,I,C	200	Cv 50	25 Cv 50	9.06	50	0.3	E 20-30	Pleasant, aromatic
p-Dichlorobenzene	R,I,C	150	Cv 75	10	8.94	--	0.18	E 80-160	Distinct, aromatic mothball-like
Dichlorodifluoromethane (Freon 12)	R,C	1500	1000	1000	11.97**	15	--	--	--
1,1-Dichloroethane	R,I,C	3000	100 Cv 100	100	--	80	200	--	Distinct
1,2-Dichloroethane	R,I,A,C	Ca	50	10	11.12**	80	88	--	Chloroform
1,1-Dichloroethylene (Vinylidene chloride, 1,1- DCE)	R,I	Ca	--	5 Cv 20	*	40	190	--	--
1,2-Dichloroethylene	R,I,C	1000	200	200	9.65	50	0.85	--	Ether-like acrid
Ethanol	R,A,I,C	--	1000	1000	10.48**	25	10	--	Sweet
Ethylbenzene	R,I,C	800	100	Cv 125 100	8.76	100	2.3	E 200	Aromatic
Ethylene Glycol vapor	R,A,I,C	--	100 mg/m ³	-	--	--	--	--	--
Formaldehyde	I,C	Ca	0.75	Cv 0.3	10.88**	--	0.83	--	Hay
Gasoline	R,I,C	Ca	--	300	--	--	--	E 0.5	Petroleum
Hexane, n-isomer	R,I,C	--	500	50	10.18	70	130	E.T 1400-1500	Mild, gasoline-like
Hydrogen Cyanide (as CN)	R,A,I,C	50	10	Sk Cv-4.7	**	--	0.58	--	Bitter almond
Hydrogen peroxide	R,I,C	75	1	1	11**	--	--	--	Shar[
Methanol	R,I,C	25000	Sk 200	Sk 200	10.84**	12	1000	--	Sweet
MEK peroxide	R,I,C	--	Cv 0.7	Cv 0.2	--	--	--	--	--
Methyl Chloroform (1,1,1- TCA)	R,I,C	700	350	350	**	105	20-100	--	Chloroform-like
Methylene Chloride (Dichloromethane, Methylene dichloride)	R,I,C	Ca	25	50	11.35**	100	25-50	E 5000	Ether-like
Methyl Mercaptan	R,C	150	Cv 10	0.5	9.44	--	--	--	Garlic, Rotten Cabbage
MIBK (Hexone)	R,I,C	500	100	50 Cv 75	--	--	--	--	Pleasant
Naptha (coal tar)	R,I,C	1000	100	400	--	--	--	--	Aromatic
Naphthalene	R,A,I,C	250	10	10	8.14	--	0.3	E 15	Mothball-like
Octane	R,I,C	750	500	300 Cv 375	9.9	80	48	--	Gasoline-like
Pentachlorophenol	R,A,I,C	Ca 2.5 mg/m ³	0.5 mg/m ³ Sk	Sk 0.5 mg/m ³	--	--	--	--	Pungent when hot
Phenol	R,A,I,C	250	Sk 5	Sk 5	8.5	--	0.04	E.N.T. 68	Medicinal

**TABLE 1
HAZARD MONITORING**

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CONTAMINANTS OF CONCERN	ROUTES OF EXPOSURE	IDLH	PEL	TLV	PID (IP eV)	FID	ODOR THRES-HOLD	IRRITATION THRESHOLD	ODOR DESCRIPTION
Propane	R,C	2100	1000	2500	10.95**	80	1600	--	Natural gas odor
Stoddard Solvent (Mineral Spirits)	R,Cl,I	20000 mg/m ³	500	100	*	--	1	E 400	Kerosene-like
1,1,2,2-Tetrachloroethane	R,A,I,C	Ca (100)	Sk 5	1	11.1**	100	1.5	--	--
Tetrachloroethylene (Perchloroethylene)	R,I,C	Ca	100	25	9.32	70	4.68	N.T513-690	Ether, chloroform-like
Toluene	R,A,I,C	500	200	50	8.82	110	2.14	E300-400	Mothball-like
Trichloroethylene	R,I,C	Ca (1000)	100	50	9.47	70	21.4	--	Solvent, chloroform-like
Turpentine	R,A,I,C	800	100	100	--	--	200	E.N 200	Pine-like
Vinyl Chloride	R	Ca	1	2	9.995	--	3000	--	Ethereal
Xylenes	R,A,I,C	1000	100	100	8.56/8.44	111/116	1.1	E.N.T. 200	Aromatic
DUSTS, MISTS AND MISCELLANEOUS COMPOUNDS									
Asbestos	R	Ca	0.1 fibr/cc	Species dependent	--	--	--	--	--
PCBs-42% Chlorine	R,A,I,C	Ca	1 mg/m ³ Sk	1 mg/m ³ Sk	--	--	--	--	Mild, hydrocarbon
PCBs-54% Chlorine	R,A,I,C	Ca	0.5 mg/m ³ Sk	0.5 mg/m ³ Sk	--	--	--	--	Mild, hydrocarbon
Styrene	R,I,C	700	100	20	8.47	85	0.047	E 200-400	Rubber, solvent
Aluminum- metal dust- total	R,I,C	--	15 mg/m ³	10 mg/m ³	--	--	--	--	--
-soluble salts	R,I,C	--	2 mg/m ³	2 mg/m ³	--	--	--	--	--
Arsenic- inorganic	R,A,I,C	Ca	0.01 mg/m ³	0.2 mg/m ³	--	--	--	--	--
Barium: soluble compounds	R,I,C	250 mg/m ³	0.5 mg/m ³	0.5 mg/m ³	--	--	--	--	--
Cadmium dusts	R,I	Ca	0.005 mg/m ³	0.01 mg/m ³	--	--	--	--	--
Chromium: Species Dependent (Hexavalent)	R,I,A,C	25 mg/m ³	Spec Dep hex- (.5mg/m ³)	Spec Dep	--	--	--	--	--
Copper - dust & mist	R,I,C	--	1 mg/m ³	1 mg/m ³	--	--	--	--	--
Lead - arsenate	R,I,C	Ca	0.05 mg/m ³	0.15 mg/m ³	--	--	--	--	--
- inorg. dust & fume	R,I,C	--	0.5 mg/m ³	0.15 mg/m ³	--	--	--	--	--
- chromate	R,I,C	--	--	0.05 mg/m ³	--	--	--	--	--
Manganese & compounds	R,I	500 mg/m ³	Cv-5 mg/m ³	0.2 mg/m ³	--	--	--	--	--
Mercury & inorg. comp.	R,A,C	10 mg/m ³	Cv0.1 mg/m ³	0.1 mg/m ³	--	--	--	--	--
- (organo) alkyl comp.	R,A,I,C	2 mg/m ³	0.01 mg/m ³	0.1 mg/m ³	--	--	--	--	--
Nickel - metal, insoluble	R,I,C	Ca	1 mg/m ³	1 mg/m ³	--	--	--	--	--
- soluble comp.	R,I,C	Ca	0.1 mg/m ³	0.1 mg/m ³	--	--	--	--	--
Nuisance Dust			5mg/m ³ (Resp) 15mg/m ³ (total)						
Portland cement	R,I,C	--	15 mg/m ³	10 mg/m ³	--	--	--	--	--
Selenium compounds	R,A,I,C	100 mg/m ³	0.2 mg/m ³	0.2 mg/m ³	--	--	--	--	--
Silver - metal	R,I,C	--	0.01 mg/m ³	0.1 mg/m ³	--	--	--	--	--
- soluble comp.	R,I,C	--	--	0.1 mg/m ³	--	--	--	--	--
Thallium, soluble	R,A,I,C	20 mg/m ³	0.1 mg/m ³ Sk	0.1 mg/m ³ Sk	--	--	--	--	--
Tin, metal & inorganic	R,C	400 mg/m ³	2 mg/m ³	2	--	--	--	--	--
Comp. except oxides									
Tin, organic compounds	R,A,I,C	200 mg/m ³	0.1 mg/m ³	0.1 mg/m ³ Sk	--	--	--	--	--
Zinc chromates, as Cr	R,I,C	--	Cv 0.1 mg/m ³	Cv 0.1 mg/m ³	--	--	--	--	--

**TABLE 1
HAZARD MONITORING**

(CIRCLE CONTAMINANTS OF CONCERN, WRITE ADDITIONAL CONTAMINANTS AND EXPOSURE ON LAST PAGE)

CONTAMINANTS OF CONCERN	ROUTES OF EXPOSURE	IDLH	PEL	TLV	PID (IP eV)	FID	ODOR THRES-HOLD	IRRITATION THRESHOLD	ODOR DESCRIPTION
Zinc oxide dust (total)	R,I,C	--	15 mg/m ³	10 mg/m ³	--	--	--	--	--

Notes: All units in ppm
unless otherwise noted.

R = Respiratory (Inhalation) I = Ingestion A = Skin Absorption C = Skin and/or Eye Contact

Cv = Ceiling value Ca = Carcinogen Sk = Skin

** = Use 11.7 eV lamp

TABLE 2
Last Revised September 2002

MONITORING METHOD, ACTION LEVELS AND PROTECTIVE MEASURES

INSTRUMENT	HAZARD	ACTION LEVEL	ACTION RESPONSE
Respirable Dust Monitor	Total Particulates	> 5 mg/m ³	Upgrade to Level C Protection
OVA, HNU ⁽²⁾ , Photovac Microtip	Total Organic Vapors	Background 10 ppm > background or lowest OSHA permissible exposure limit, whichever is lower, or as modified for this task. Sustained for >5 minutes in the breathing zone. 50 ppm over background, unless lower values required due to respirator protection factors	Level D Protection Upgrade to Level C - site evacuation may be necessary for specific compounds Cease work; upgrade to Level B ⁽³⁾ may be required
Explosimeter ⁽⁴⁾ (LEL)	Flammable/Explosive Atmosphere	<10% Scale Reading 10-15% Scale Reading >15% Scale Reading	Proceed with work Monitor with extreme caution Evacuate site
Oxygen Meter ⁽⁵⁾	Oxygen-Deficient Atmosphere	19.5% - 23.5% O ₂ < 19.5% O ₂ > 23.5% O ₂	Normal - Continue work Evacuate site; oxygen deficient Evacuate site; fire hazard
Radiation Meter ⁽⁶⁾	Ionizing Radiation	0.1 Millirem/Hour > 1 Millirem/Hour	If > 0.1, radiation sources may be present ⁽⁷⁾ Evacuate site; radiation hazard
Drager Tubes	Vapors/Gases	Species Dependent > 1 ppm vinyl chloride > 1 ppm benzene > 1 ppm 1,1-DCE	Consult Table 1 or other resources for concentration toxicity/detection data. Upgrade to Level C if concentration of compounds exceed thresholds shown at left; May need to cease work if other levels exceeded - site specific
Gas Chromatograph (GC)	Organic Vapors	3 ppm total OV > background or > lowest specific OSHA permissible exposure limit, whichever is lower	On-site monitoring or tedlar bag sample collection for off-site/laboratory analysis

Notes:

1. Monitor breathing zone.
2. Can also be used to monitor some inorganic species.
3. Positive pressure demand self contained breathing apparatus
4. Lower explosive limit (LEL) scale is 0-100%. LEL for most gasses is 15%.
5. Normal atmospheric oxygen concentration at sea level is 20%
6. Background gamma radiation is ~0.01-0.02 millirems/hour.
7. Contact H&A Health and Safety staff immediately.

New York State Department of Health Generic Community Air Monitoring Plan

A Community Air Monitoring Plan (CAMP) requires real-time monitoring for volatile organic compounds (VOCs) and particulates (i.e., dust) at the downwind perimeter of each designated work area when certain activities are in progress at contaminated sites. The CAMP is not intended for use in establishing action levels for worker respiratory protection. Rather, its intent is to provide a measure of protection for the downwind community (i.e., off-site receptors including residences and businesses and on-site workers not directly involved with the subject work activities) from potential airborne contaminant releases as a direct result of investigative and remedial work activities. The action levels specified herein require increased monitoring, corrective actions to abate emissions, and/or work shutdown. Additionally, the CAMP helps to confirm that work activities did not spread contamination off-site through the air.

The generic CAMP presented below will be sufficient to cover many, if not most, sites. Specific requirements should be reviewed for each situation in consultation with NYSDOH to ensure proper applicability. In some cases, a separate site-specific CAMP or supplement may be required. Depending upon the nature of contamination, chemical- specific monitoring with appropriately-sensitive methods may be required. Depending upon the proximity of potentially exposed individuals, more stringent monitoring or response levels than those presented below may be required. Special requirements will be necessary for work within 20 feet of potentially exposed individuals or structures and for indoor work with co-located residences or facilities. These requirements should be determined in consultation with NYSDOH.

Reliance on the CAMP should not preclude simple, common-sense measures to keep VOCs, dust, and odors at a minimum around the work areas.

Community Air Monitoring Plan

Depending upon the nature of known or potential contaminants at each site, real-time air monitoring for volatile organic compounds (VOCs) and/or particulate levels at the perimeter of the exclusion zone or work area will be necessary. Most sites will involve VOC and particulate monitoring; sites known to be contaminated with heavy metals alone may only require particulate monitoring. If radiological contamination is a concern, additional monitoring requirements may be necessary per consultation with appropriate NYSDEC/NYSDOH staff.

Continuous monitoring will be required for all ground intrusive activities and during the demolition of contaminated or potentially contaminated structures. Ground intrusive activities include, but are not limited to, soil/waste excavation and handling, test pitting or trenching, and the installation of soil borings or monitoring wells.

Periodic monitoring for VOCs will be required during non-intrusive activities such as the collection of soil and sediment samples or the collection of groundwater samples from existing monitoring wells. "Periodic" monitoring during sample collection might reasonably consist of taking a reading upon arrival at a sample location, monitoring while opening a well cap or overturning soil, monitoring during well baling/purging, and taking a reading prior to leaving a sample location. In some instances, depending upon the proximity of potentially exposed individuals, continuous monitoring may be required during sampling activities. Examples of such situations include groundwater sampling at wells on the curb of a busy urban street, in the midst of a public park, or adjacent to a school or residence.

VOC Monitoring, Response Levels, and Actions

Volatile organic compounds (VOCs) must be monitored at the downwind perimeter of the immediate work area (i.e., the exclusion zone) on a continuous basis or as otherwise specified. Upwind concentrations should be measured at the start of each workday and periodically thereafter to establish background conditions. The monitoring work should be performed using equipment appropriate to measure the types of contaminants known or suspected to be present. The equipment should be calibrated at least daily for the contaminant(s) of concern or for an appropriate surrogate. The equipment should be capable of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

- If the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeds 5 parts per million (ppm) above background for the 15-minute average, work activities must be temporarily halted and monitoring continued. If the total organic vapor level readily decreases (per instantaneous readings) below 5 ppm over background, work activities can resume with continued monitoring.
- If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities must be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities can resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less - but in no case less than 20 feet, is below 5 ppm over background for the 15-minute average.
- If the organic vapor level is above 25 ppm at the perimeter of the work area, activities must be shutdown.

All 15-minute readings must be recorded and be available for State (DEC and DOH) personnel to review. Instantaneous readings, if any, used for decision purposes should also be recorded.

Particulate Monitoring, Response Levels, and Actions

Particulate concentrations should be monitored continuously at the upwind and downwind perimeters of the exclusion zone at temporary particulate monitoring stations. The particulate monitoring should be performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action level. The equipment must be equipped with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration should be visually assessed during all work activities.

- If the downwind PM-10 particulate level is 100 micrograms per cubic meter (mcg/m^3) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression techniques must be employed. Work may continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed 150 mcg/m^3 above the upwind level and provided that no visible dust is migrating from the work area.
- If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than 150 mcg/m^3 above the upwind level, work must be stopped and a re-evaluation of activities initiated. Work can resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 mcg/m^3 of the upwind level and in preventing visible dust migration.

All readings must be recorded and be available for State (DEC and DOH) personnel to review.
