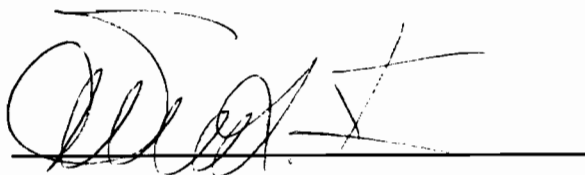


INVESTIGATION REPORT

**Former Sylvania Electric Products, Inc. Facility
Hicksville, New York**



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January 2000



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List of acronyms

AEC	Atomic Energy Commission
bls	below land surface
BTEX	benzene, toluene, ethylbenzene, xylene
CERCLA	Comprehensive Environmental Response Compensation Liability Act
cm/sec	centimeters per second
cpm	counts per minute
FOIL	Freedom of Information Law
FSP	Field Sampling Program
GPR	Ground Penetrating Radar
GTEOSI	GTE Operations Support Incorporated
ITM	Interim Technical Memorandum
MCL	Maximum contaminant level
MHz	mega hertz
MS	matrix spike
MSD	matrix spike duplicate
NCDPW	Nassau County Department of Public Works
NGVD	National Geodetic Vertical Datum
NPL	National Priorities List
NRC	Nuclear Regulatory Commission
NTU	nephelometric turbidity unit
NYS	New York State
NYSDEC	New York State Department of Environmental Conservation
PID	photoionization detector
QA/QC	quality assurance and quality control
QAPP	quality assurance project plan
RF	Radio frequency
RI/FS	Remedial Investigations/Feasibility Studies
RPD	relative percent difference
SVOCs	semivolatile organic compounds
TAGM	Technical and Administrative Guidance Memorandum
TAL	target analyte list
TCL	target compound list
TCLP	toxicity characteristics leaching procedure
UFPO	Underground Facilities Protection Organization
USDOE	United States Department of Energy
USEPA	United States Environmental Protection Agency
USRADS	Ultrasonic Ranging and Detection System
UST	Underground Storage Tank
VOC	Volatile Organic Compounds

Executive summary

This document is an investigative report of the Former Sylvania Products Incorporated facility, in Hicksville, New York (the Site) investigated by GTE Operations Support Incorporated (GTEOSI) in cooperation with New York State Department of Environmental Conservation (NYSDEC) under a voluntary cleanup program (VCP) agreement dated April 7, 1999. The voluntary program is administered by NYSDEC and is directed at industrial and commercial sites that do not represent an immediate threat to either human health or the environment. The main benefits of the voluntary program include: beneficial use of property that might otherwise go unused, keeping properties on the tax roles, and maintaining or enhancing employment.

The VCP agreement, signed by NYSDEC and GTEOSI representatives, included an investigative Work Plan for the Site consisting of a health and safety plan, quality assurance plan, and field-sampling plan. A number of elements of work specified in the plan have now been completed and reported. To date the report describing a ground penetrating radar (GPR) survey and remote sensing survey conducted at the Site (O'Brien & Gere 1998) has been submitted and approved and is an element of the agreement. When approved by NYSDEC, the investigative report presented herein will also become part of the agreement.

Formerly, reactor fuel elements were fabricated on-Site. Three main buildings, designated as buildings 1, 2, and 4, were used for this purpose. Twelve additional buildings were used to support the main buildings, often for materials storage. All buildings were demolished prior to 1970 with the exception of a portion of the building that now houses Air Techniques, Inc. The Air Techniques building was decommissioned in accordance with applicable regulations and released for unrestricted use (relative to a previously issued radioactive materials license) by the New York State Department of Labor in 1967.

The Site currently consists of properties at 70, 100, and 140 Cantiague Rock Road. The property at 70 Cantiague Rock Road is occupied by Air Techniques, Inc., a manufacturer of small air compressors, vacuum pumps, video cameras and x-ray processing equipment for the dental industry. Magazine Distributors, Inc., 100 Cantiague Rock Road, distributes magazines while Gilbert Displays, 140 Cantiague Rock Road, manufactures displays for a variety of clients. Manufacturing, or in the case of Magazine Distributors – loading and sorting magazines for distribution - takes place towards the rear of the buildings. Offices occupy the front of the buildings. Access to the Site by the public is limited to the office portion of the buildings. The Site investigation

extended about 10 feet onto two small areas of the Nassau County Parks Department golf driving range at the rear of Magazine Distributors and Gilbert Displays. The Nassau County Parks Department (Cantiague Park) golf driving range is not part of the Site, but was studied concurrently with the investigation study areas at the request of NYSDEC.

This Site investigation was comprised of a variety of major tasks: non-invasive surveys; site surveys to identify the previous location of on-site buildings, underground structures such as former drywells, and underground utilities; the installation of borings to evaluate the soil and temporary wells to evaluate the ground water; the collection of ground water samples from existing on-site wells and wells upgradient of the Site on property owned by the Nassau County Department of Public Works; the analysis of soil and ground water samples; and preparation of the Site investigative report. Other tasks included the compilation, validation, and interpretation of data.

This investigation was largely directed to the examination of potential locations of process residuals (places where residuals may have been directed as part of the previous manufacturing operations) consisting primarily of uranium, thorium and tetrachloroethylene, a common solvent. The primary locations identified from historic documentation were drywells, leaching pools, cesspools and recharge basins. These locations were characterized in this field effort through the advancement of soil borings and analyses of soils. In addition, the investigation was focused on above background areas of radiation found during the remote sensing surveys or previously by NYSDEC personnel. A component of the investigation was also directed to non-source areas to obtain complete coverage of the Site. In total, over 100 borings were advanced at the Site. Samples of both soil and ground water were evaluated in the field using field instrumentation and analyzed by O'Brien & Gere Laboratories, Inc.

Findings suggest that there are isolated areas of above background radiation on each of the properties investigated. However, no immediate health hazard exists given that exposures are well within referenced acceptable levels. Except for some exposed surface soils at the rear of Gilbert Displays and Magazine Distributors, soils containing above background levels of radionuclides are beneath paved areas or occur several feet below the ground surface. Radionuclides in soils at the Nassau County Parks Department golf driving range are confined to two small areas adjacent to the fence.

Tetrachloroethylene, a common solvent and also a focus of the investigation, was found to exist in several subsurface locations at the rear of Gilbert Displays and Magazine Distributors as well as in the ground water. Trichloroethylene was also found at the same locations and in ground water, at lesser concentrations.

Overall, the investigation met the following program objectives:

- collect sufficient data to identify and characterize former process residuals associated with Site soils and soils at the Nassau County Parks Department golf driving range adjacent to the Site,
- collect sufficient data to evaluate on-site ground water for the presence of Site related process residuals, and
- collect sufficient data to evaluate whether there was an immediate threat to human health and the environment.

1. Introduction

1.1. Project background

This report presents the findings of the investigation performed at the former Sylvania Electric Products Incorporated facility (the Site) Cantiague Rock Road, Hicksville, New York (Figure 1). The investigation was performed by O'Brien & Gere Engineers, Inc. (O'Brien & Gere) on behalf of GTE Operations Support Incorporated (GTEOSI) in cooperation with the New York State Department of Environmental Conservation (NYSDEC). The investigation was conducted pursuant to the Voluntary Cleanup Program (VCP) agreement between GTEOSI and NYSDEC, dated April 7, 1999.

The investigation was conducted to verify the nature and extent, if any, of process residuals at the Site (including uranium, thorium and chlorinated solvents) reported to have been used historically on-site. The investigation was performed in accordance with applicable investigative procedures set forth in NYSDEC Technical and Administrative Guidance Memorandum (TAGM), Guidelines for Remedial Investigations/Feasibility Studies (RI/FS), HWR-89-4025, March 1989 (NYSDEC 1989) and the United States Environmental Protection Agency (USEPA) Guidance for Conducting Remedial Investigations and Feasibility Studies Under Comprehensive Environmental Response and Compensation Liability Act (CERCLA) (USEPA 1988).

The approach for the project considered the possible locations of process residuals source areas as well as potential unknown locations that may have been associated with previous Site usage. The locations of process residuals are those areas and underground structures that may have received process waste in the past. The scope was based on the preliminary acquisition of representative samples and hydrogeologic information, as well as other information available from upgradient and downgradient sites that were previously investigated for environmental purposes.

The investigation, which was conducted in two phases, consisted of both non-invasive and invasive activities. Phase I, the non-invasive portion of

the investigation, included a ground penetration radar survey and an exterior radiation survey. These activities were described in the March 1998 Interim Technical Memorandum (ITM), entitled *Ground Penetration Radar Survey and Exterior Radiation Survey Results* (O'Brien & Gere 1998). Phase II was based on the outcome of the non-invasive Phase I activities and included activities described in the March 1998 (revised May 1998) former Sylvania Electric Products Incorporated Facility Investigation Work Plan (O'Brien & Gere 1998b). Phase II activities were used to address soils in areas containing anomalies, former production areas, cesspools, leaching pools, recharge basins and similar structures.

Phase I of the investigation was initiated in December 1997, and the ITM was submitted to NYSDEC in April 1998. The ITM is a component of the approved Work Plan and part of the VCP Agreement. Phase II of the investigation was initiated in June 1999 and the results are presented herein. Upon acceptance by NYSDEC, the investigative report will become part of the agreement. The voluntary program is administered by NYSDEC and is directed at industrial and commercial sites that do not represent an immediate threat to either human health or the environment.

During the investigation, progress reports describing actions taken, data received, and any delays and modifications were provided to NYSDEC on a monthly basis. The purpose of the progress reports was to keep all parties aware of upcoming activities and any delays encountered during reporting.

Lastly, it should be noted that sufficient data have been acquired to complete the scope of work presented in the approved Work Plan and that no additional data are necessary for this purpose.

1.2. Project objectives

The investigation met the following program objectives:

- collect sufficient data to identify and characterize former process residuals and solvents associated with the Site soils and soils at the Nassau County Parks Department golf driving range adjacent to the Site,
- collect sufficient data to evaluate on-site ground water for the presence of Site related process residuals and solvents, and
- collect sufficient data to evaluate whether there was an immediate threat to human health and the environment.

Meeting these objectives achieves the goals and intent of New York State's Voluntary Cleanup Program. A description of the Site background is presented below.

1.3. Site background

1.3.1. Site description

The Site is in west central Long Island, approximately one-mile west of Hicksville, New York (Figure 1). Historically, the Site was comprised of Lots 79 and 80 containing three main buildings (designated as buildings 1, 2, and 4) used to fabricate reactor fuel elements and twelve support buildings. With the exception of a portion of the building, which now houses Air Techniques, Inc., the Site buildings were demolished prior to 1970. Before the construction of the current buildings, the property was subdivided into three new parcels with new lot numbers.

The current Site is comprised of three buildings: Air Techniques, Inc. (70 Cantiague Road), Magazine Distributors Inc. (100 Cantiague Road), Gilbert Displays, Inc. (140 Cantiague Rock Road) and associated land (identified, respectively as northern Lots 99 and 100 and southern Lot 94). Approximately 95 percent of the 9.5-acre Site is either paved or occupied by buildings. The Nassau County Parks Department (Cantiague Park) golf driving range is not part of the Site, but was studied concurrently with the investigation study areas at the request of NYSDEC.

Areas addressed as part of this report are described in further detail below and are shown in the Site photographs (Appendix A) and on Figure 2.

Air Techniques, Inc. study area

The Air Techniques Inc. facility, on the southern portion of the Site, consists of the fenced area and associated 210,000-ft² one-story brick building. The remainder of the property is paved and is used for parking and storage. This property (southern Lot 94) was purchased by Air Techniques in 1979, and was expanded to the east after adjacent land (Lot 105) was purchased from Nassau County (ERM 1997). The western portion of the Air Techniques building is the only original building (historically Building #4) that remains on the Site; as the other buildings have been demolished. Historically, the perimeter of the building contained several small support buildings, drains, cesspools, drywells, and a recharge basin. This parcel has been the subject of an on-going ground water investigation since 1995 (ERM 1997).

Magazine Distributors Inc. study area

Magazine Distributors consists of the fenced area enclosing the 80,100-ft² two-story distribution building and paved parking lots in the center of the Site. Magazine Distributors is bounded by Air Techniques to the

south and Gilbert Displays to the north. Historically, south and east of the building were several small support buildings, leaching pools, drywells, a recharge basin and a reservoir. Two underground petroleum tanks are on the south side of the building.

Gilbert Displays, Inc. study area

The Gilbert Displays facility is on the northern portion of the Site, immediately south of the Nassau County Department of Public Works (NCDPW). The property houses an approximately 54,500-ft² one-story office and industrial building reported to have been constructed in 1968. The property is primarily paved with the exceptions of a small area on the east side that abuts the golf course driving range and is separated by a chain link fence. Historically, the property contained leaching pools, drywells, a small support building (reportedly used for burning and chemical processing), and a recharge basin.

Golf Course study area

The golf course driving range is not part of the Site, but it was investigated at the request of NYSDEC to establish background levels of soil radionuclides, geologic information, and confirm historic records reviewed. A small area of the driving range, parallel and adjacent to the fence line of the common boundary with Gilbert Displays and Magazine Distributors, was investigated. The area was approximately 300 feet in length. Small trees and scrub vegetation were cleared in order to access the area.

1.3.2. Adjacent properties

The Site is bounded by NCDPW to the north, the Nassau County Parks Department (Cantiague Park) golf driving range to the east, General Semiconductor to the south, and Cantiague Rock Road and commercial and industrial properties to the west. It should be noted that the General Semiconductor facility (former General Instruments) has reportedly been purchased by First Industrial Realty, Syosset, New York. However, for clarity and consistency, the name General Semiconductor has been retained in this report.

Nassau County Department of Public Works (NCDPW) - The NCDPW Road and Bridge Maintenance Garage is directly north and hydraulically upgradient of the Site. The facility is used to store and maintain trucks and construction equipment. There were two petroleum spills (1979 and 1986) at the NCDPW, which may have impacted ground water in a downgradient direction. Reportedly, several tens of thousands of gallons of product were released as a result of the spills (EEA 1991; Tim Kelly 1997). According to Mr. Kelly, the 1979 spill file (Spill #79077) has been closed, while the 1986 spill file (Spill #8605893) remains open.

Golf course driving range – The golf course driving range is east of the Site. Information on this property is presented in Section 1.3.

General Semiconductor - General Semiconductor is downgradient (south) and adjacent to the Site. General Semiconductor is a Class 2 State listed inactive hazardous waste site and is the focus of an remedial investigation/feasibility study (RI/FS) associated with several leaks from underground waste solvent tanks (NYSDEC 1997). The 11.5-acre parcel is almost entirely covered by buildings and pavement. In January 1997, a preliminary remedial action plan for the Site was issued by NYSDEC to address on-site soil contamination. Ground water contamination will be addressed separately from the soils.

1.4. Previous investigations

Historical Site information, information from previous reports, and prior geologic and hydrogeologic studies provided the framework for the selection of sampling locations and the initial analytical parameters for samples collected during the investigation. Information and previous studies referenced in this report include:

- EEA, Inc. Environmental Investigation of 140 Cantiague Road (Gilbert Displays) in 1991,
- ERM-Northeast's Subsurface Investigation at Air Techniques in 1987,
- ERM-Northeast's Summary Report of Ground Water Monitoring Program – Air Techniques Facility in 1997,
- NRC Inspection Report Number 070-00097/96-001, Gilbert Displays, Inc. (former Sylvania Facility) in 1996,
- O'Brien & Gere Engineers, Inc. 1998. *Work Plan Former Sylvania Electric Products Incorporated Facility, Cantiague Rock Road, Hicksville, New York*, Syracuse, New York,
- Stearns & Wheler 1992. *Remedial Investigation, General Instrument Corporation, Hicksville, New York*, and
- US Department of Energy. 1979. Department of Energy Report. Letter to the NRC Regarding Radionuclide Data for the Former Sylvania Site in Hicksville, New York.

1.5. Report organization

The remainder of this report is organized as follows:

Section 2 presents a discussion of the physical characteristics of the Site including climate, regional and Site geology, and hydrogeology;

Section 3 describes the investigation program including a description of the Phase I non-intrusive field methods;

Section 4 details the Phase II investigation program including a description of field methods and data analysis methods;

Section 5 presents the nature and extent of residuals in various environmental media based on data collected during the investigation;

Sections 6 summarizes the Human Exposure Evaluation; and

Section 7 summarizes the findings of the investigation.

2. Study area physical characteristics

2.1. Climate

Long Island has a humid climate that is controlled primarily by the prevailing westerly winds, causing most weather systems to approach from the continental United States. Temperature extremes tend to be subdued by the proximity of the Atlantic Ocean (Isbister 1966). Long Island depends on precipitation as its sole source of recharge to ground water via natural infiltration, recharge basins and cesspools. The remainder of the precipitation is removed by either direct runoff or evapotranspiration (Peterson 1988). Annual precipitation averages about 43.87 inches. The average daily temperatures ranged from a low of 39.8°F in February to a high of 75°F in July. Average temperature and precipitation data for the area are collected at the Mineola Station Division, Mineola, New York.

2.2. Geology

2.2.1. Regional geology

Regionally, the Site is on a glacial outwash plain. Topography becomes more varied northward in the vicinity of the Ronkonkoma and Harbor Hill moraines and associated ground moraine areas. Few surface water bodies are found near the Site.

The regional geologic setting in Nassau County consists of unconsolidated geologic deposits overlying bedrock. The deposits are approximately 1,100 feet thick near the Site, thinner in the northwestern part of Nassau County and thicken southward. The deposits are divided into seven surficial geologic units: two members of the Raritan Formation, the Magothy Formation, two distinct units of the Port Washington Deposit, the Port Washington clay unit, and the Upper Pleistocene deposits (Isbister 1966; Smolensky and Feldman 1988).

The unconsolidated deposits consist of residual or weathered bedrock, and sand, silt, clay, and gravel of alluvial or glacial origin. The unconsolidated deposits are subdivided into stratigraphic or geologic units based on like characteristics, such as grain size distribution, sorting, porosity, composition of grains, and any other unique characteristics. Boundaries between unconsolidated geologic units are often marked by

unconformity. An unconformity is an interruption in the continuity of a depositional sequence that represents a period in the geologic past of non-deposition or erosion. Geologic units on opposite sides of an unconformity are often physically very different.

Bedrock Geology

The bedrock underlying Long Island is Precambrian to lower Paleozoic in age (700 million years to 500 million years before present). The bedrock geology predominately consists of schist and gneiss with igneous intrusions. A schist is a strongly foliated crystalline rock of metamorphic origin. The bedrock is known to have some fractures; however, the fractures are not considered significant within the regional hydrogeology because of relatively low fracture permeability in comparison to the unconsolidated deposits. A highly weathered zone of approximately 50 feet exists at the top of the bedrock. This zone contains various colored clays and sandy clay mixed with partly decayed rock and mineral fragments. The bedrock surface slopes at approximately 62 feet per mile toward the southeast and ranges from 160 feet below sea level at the north shore of Nassau County, to approximately 900 feet below sea level in the vicinity of the Site (Kilburn 1979).

2.2.2. Site geology

According to the Nassau County Soil Survey (1987), soils surrounding the Site are classified as urban land (USDA 1987). Urban land soils are at least 85 percent covered by impervious material including parking lots, shopping centers and industrial buildings.

Overburden beneath the Site consists of unconsolidated deposits. Based on boring logs at the Site, surficial deposits are primarily fine to coarse sands with some gravel, subrounded to angular, confined to the upper 10 to 20 feet. Soil borings advanced at the Site ranged in depth from 27-inches (SB-30A) to 240-inches (SB-49B and SB-79) (Table 1). Refusal was encountered in several of the borings. The temporary well points penetrate a depth of approximately 840-inches (70 feet). A fairly uniform gravelly sand extends from the surface to 70 feet below land surface (bls).

2.3. Hydrogeology

Regional and local ground water quality is based on samples taken from water supply wells and monitoring wells by state and local agencies and documents provided by the Nassau County Department of Health (Stearns & Wheler 1992; NCDOH 1997).

2.3.1. Regional hydrogeology

The regional ground water flow on Long Island is reportedly separated by a ground water divide that trends east to west along the north central portion of Long Island. Ground water north of the divide discharges to Long Island Sound and ground water south of the divide discharges into Great South Bay (Kilburn 1979).

Four major aquifers exist within the unconsolidated deposits, which underlie Nassau County. From deepest to most shallow the aquifers are the Lloyd Aquifer, Port Washington Aquifer, Magothy Aquifer, and the Upper Glacial Aquifer.

Lloyd Aquifer

The Lloyd Aquifer rests unconformably on bedrock that is relatively impermeable and can be considered the base of the hydrogeologic system (Smolensky and Feldman 1988). The aquifer lies about 900 feet bls and is estimated to be 300 feet thick. The aquifer is confined since it underlies a clay unit, the Raritan confining unit, and overlies bedrock. The aquifer reportedly has low to moderate permeability and an average horizontal conductivity of 40 feet per day.

Port Washington Aquifer

The Port Washington Aquifer rests unconformably upon bedrock in northern Nassau County and abuts late Cretaceous age (100 million years ago to 65 million years before present) hydrogeologic units to the south (Stearns & Wheler 1992).

Magothy Aquifer

The Magothy Aquifer serves as the principal source of fresh water on Long Island. The aquifer is approximately 600 feet thick and lies about 85 feet bls. Due to high concentrations of clays in the upper portions of the Magothy Aquifer, ground water is more efficiently withdrawn near the base of the aquifer. As a result, most public water supply wells are screened in the lower Magothy Aquifer. The Magothy Aquifer is considered moderately permeable to highly permeable, and has an average hydraulic conductivity of 50 feet per day (Smolensky and Feldman 1988).

Upper Glacial Aquifer

The Upper Glacial Aquifer is the uppermost hydrogeologic unit on Long Island and forms the present day land surface. It is approximately 85 feet thick with the upper 10-feet consisting of fill and recent deposits. The Upper Glacial Aquifer is nearly continuous across Long Island. Therefore, most recharge must infiltrate through the Upper Glacial Aquifer to reach the lower aquifers. Almost all recharge originates from the precipitation that Long Island receives. The Upper Glacial Aquifer is

highly permeable and has a hydraulic conductivity that ranges from 130 feet per day in north central Long Island, to 270 feet per day and higher in the southern part of Long Island (Eckhardt, Flipse, and Oaksford 1989).

The four aquifers are hydraulically interconnected to varying degrees. The connection of adjacent hydrogeologic units is controlled by their water-bearing properties and by the ground water flow dynamics. Ground water flows from areas of high pressure or hydraulic head to areas of low pressure. A hydraulic aquifer is separated from the Magothy Aquifer by the Raritan confining unit. The Raritan confining unit has a very low hydraulic conductivity, yet it does not completely prevent the migration of ground water between the Lloyd and Magothy aquifers (Kilburn 1979). The Lloyd Aquifer may be hydrogeologically connected with the adjacent Port Washington Aquifer (Smolensky and Feldman 1988). The Port Washington Aquifer is believed to be in close hydraulic communication with the adjacent Lloyd and Magothy aquifers. The Port Washington Aquifer also forms part of the valley fill deposits in the channels cut by Pleistocene rivers. The valley fill deposits can act as ground water flow paths that increase the hydraulic connection between aquifers (Kilburn 1979).

Regional Surface Water

Regionally, surface water in Nassau County consists of a few small streams, ponds, and marshes. Surface water collection is mainly controlled by precipitation rates, infiltration, runoff rates, and by perched water tables. Numerous perched ponds, marshes, and effluent streams occur north of the Ronkonkoma moraine (Isbister 1966).

Headwaters of the streams on Long Island tend to originate in the highlands of the Ronkonkoma and Harbor Hill moraines. To the north, sediments tend to be impermeable tills that support perched water tables and effluent streams. To the south of the highlands, outwash plain deposits are usually very permeable and will not support a perched water table. Streams to the south of the Ronkonkoma Moraine tend to be influent and often disappear completely. Direct runoff from urban areas (pavement, rooftops) is rerouted by storm drainage systems to numerous recharge basins, which ultimately replenish the water table.

2.3.2. Site hydrogeology

Hydrogeological data obtained from investigations adjacent to the Site have focused on the Upper Glacial Aquifer and the Magothy Aquifer. Test borings and well borings were completed at the General Semiconductor site (Stearns & Wheler 1992). The test borings indicated that the site is underlain by relatively simple stratigraphy consisting of gravelly sands overlying silty fine sands. A fairly uniform gravelly sand extends from the surface to 60 or 70 feet bls. Mr. John Conover (former NYSDEC Project Manager for the General Semiconductor site),

indicated that there is a confining layer at 150 feet in depth below the General Semiconductor site. Additionally, based on results presented in Stearns & Wheler (1992), there is no appreciable vertical component of ground water flow.

Ground water elevations were collected from both permanent monitoring wells and temporary wells at the Site and limited wells on adjacent parcels. Depth to water in the wells varied from about 67.72 feet bls to over 71.16 feet, depending upon location. A ground water elevation map for the Site was constructed from data collected on August 9, 1999 through August 12, 1999. Ground water flow beneath the Site is generally toward the south. The flow map is included as Figure 10.

Regional Ground Water Quality

The regional outlook reported herein is a generalization, but serves to document a portion of the history of ground water contamination associated with wells on Long Island. There are a variety of possible sources of contaminants detected in local public and industrial water supply wells and monitoring wells downgradient of the Site. There are nine known Class 2 and 2a inactive hazardous waste sites within a one-mile radius of the Site as well as a number of spills and National Priority listed sites (NCDOH 1986; EDR 1997).

In June 1986, the Nassau County Department of Health and Dvirka and Bartilucci Consulting Engineers studied the regional ground water quality of Nassau County. Five study areas containing a total of 871 wells were used in the investigation to help determine the most significant areas of ground water contamination by organic compounds. The quality of ground water varied laterally based on the subsurface environment and land use (Stearns & Wheler 1992).

The majority of the public water supply wells use the Magothy Aquifer. As expected based on distance, the Upper Glacial Aquifer being the shallowest aquifer was the most contamination. Thirty-six percent of the wells tested contained VOCs greater than 10 parts per billion (ppb). Details on the three closest upgradient wells are provided below:

Two wells (N-3878 and N-3953) in the Hicksville Water District are slightly more than one-half mile northeast and upgradient from the Site. Both wells are presently drawing water from the Magothy Aquifer and are screened from 255 to 278 feet below sea level (N-3878) and 17 to 267 feet below sea level (N-3953) (Kilburn 1979). Sampling events conducted between June 1989 and August 1990 revealed elevated levels of 1,1-dichloroethane, 1,1,1-trichloroethane, and tetrachloroethylene in Well N-3953. In June 1989, tetrachloroethylene was found to exceed the maximum contaminant level (MCL) for NYS drinking water as described in Chapter 1, Part 5, of Public Health Law, with a concentration of 5.3 ppb (NCDOH 1991). Detectable levels of contamination were not identified in Well N-3878.

Well N-7030 is approximately three-quarters of a mile north of the Site on Cantiague Rock Road in the Jericho Water District. Well N-7030 is screened in the Magothy Aquifer from 332 to 372 feet below sea level (Kilburn 1979). In January 1989, the well was found to contain 12 ppb tetrachloroethylene (which exceeds the MCL for public water supply wells) and was taken off line during that same month (NCDOH 1991). For a complete description of public water supply wells, wellhead treatment and raw water contaminants, the reviewer is referred to "Ground Water and Public Water Supply Facts for Nassau County, New York" (NCDOH 1997).

Non-Public Water Supply Wells Ground Water Quality

An investigation was conducted to evaluate contaminated aquifer segments between the Long Island Railroad and Old County Road. Six monitoring wells, between 60 and 72 feet deep, were installed in West Hicksville for the investigation. In December 1985, the concentration of tetrachloroethylene in WH-5 was 620 ppb and 1,1,1-trichloroethane in WH-6 was 170 ppb (NCDOH 1986). Additionally, the NCDPW reportedly has forty-seven monitoring wells situated immediately upgradient of the Site that were installed to investigate two prior petroleum spills.

3. Phase I investigation program

This section describes the field methods used to characterize the Site. As mentioned in Section 1, the investigation was performed in two phases. Phase I included non-invasive field activities conducted in 1997. Phase II was comprised of invasive field activities conducted in the summer of 1999.

The following field activities were performed as part of Phase I:

- Site reconnaissance,
- Markout,
- Ground penetrating radar survey,
- USRADS survey, and
- Site survey.

The field methods used for Phase I of the investigation are described in the following sections.

3.1. Site characterization methods

3.1.1. Site reconnaissance

A Site visit was performed on January 9, 1997, to verify sampling locations for the field program, select an area for placement of the field trailer, confirm components of the health and safety plan (i.e. hospital route), and introduce the field operations supervisor to the property owners and individuals.

3.1.2. Grid system

As part of the Phase I and to provide a frame of reference for the GPR and USRADS survey, transects were measured from the common fence line separating Gilbert Displays, Magazine Distributors Inc., and Air Techniques from the Cantiague Golf Course Driving Range. The fence pole at the northeast corner of the Gilbert Displays property was

designated as grid reference point 0,0 for measurement purposes. The distance of each fence pole was measured away from the 0,0 pole providing the coordinate system from which the GPR survey grid lines were established. In total, 66 fence poles were marked (every 10 feet) covering a total distance of 663.5 feet.

3.1.3. Ground penetrating radar survey

On December 5, and 6, 1997, a high-resolution ground-penetrating radar (GPR) survey was conducted at the Site by O'Brien & Gere personnel. The GPR survey was conducted in order to evaluate the existence of former on-site and subsurface structures that may have received process materials, define the depth of such structures prior to boring installation, and, if possible, evaluate the methodology by which the structures were filled (soil versus building rubble). By necessity, the survey was performed taking into consideration the footprint of the current buildings and appurtenances. However, because former Site structures were sufficiently accessible, the survey is considered representative of previous Site conditions. The goal of the survey was to assist in identifying the locations for subsequent surface and subsurface soil sampling activities.

The survey was conducted with both the oversight and participation of Mr. Robert Stewart (NYSDEC). The survey employed portable subsurface interface radar, model SIR-2, manufactured by Geophysical Survey Systems, Inc., of North Salem, New Hampshire. The system configuration for this investigation was composed of a single channel 500 MHz antenna, a portable SIR-2 recording system, and a connecting 23-conductor communication cable.

The areas surveyed include the following.

Cantiague Public Golf Driving Range - A 400 feet by 100 feet area along the western edge of the Nassau County Parks Department Golf Driving Range. This area represents a 5 to 7 foot high easterly-facing slope grading from the chain link fence (baseline) to the middle of the driving range. According to files reviewed, GTEOSI's predecessors did not use the driving range. This area was surveyed in order to corroborate the historic records reviewed, establish background signal characteristics, and assist in the evaluation of local geology.

Gilbert Displays Inc. - A 150 feet by 100 feet parking lot and driveway east of the building. The existing subsurface structures consist of several parking lot storm water drywells. Six-inch high curbing separates the natural areas from the paved asphalt areas.

Magazine Distributors Inc. - Two areas were surveyed: a 125 feet by 275 feet area, east of the building, that is used for parking, loading, and fueling and a 450 feet by 100 feet parking and access area south of the building. Several storm water drainage drywells are in the parking lot

south and east of the building while fuel distribution facilities, underground fuel storage tanks, and a caged storage area are at the rear (east) of the building. An abandoned truck and miscellaneous items were at the southeastern corner of the property at the time of the survey.

Air Techniques, Inc. - A 125 feet by 500 feet parking lot and driveway north of the building. Existing structures include several storm water catch basins in the parking and access areas to the north of the facility and an underground concrete vault of unknown dimensions west of the facility, underneath the sidewalk.

The GPR survey results confirmed historic data indicating that there were no structures greater than 16 feet in depth.

3.1.4. USRADS survey

The focus of the Ultrasonic Ranging and Detection System (USRADS) survey was the former buildings and structures. Similar to the GPR survey, by necessity, the survey was performed taking into consideration the footprint of the current buildings and appurtenances. Buildings and structures that once existed on-Site such as the recharge basins were sufficiently accessible to perform a representative survey.

The survey was conducted with both the oversight (Robert Stewart) and participation (Bureau of Pesticides and Radiation) of NYSDEC. Approximately two-thirds of the exterior USRADS survey was performed by NYSDEC and the remaining one-third by Chemrad Tennessee Corporation (Chemrad) under contract to O'Brien & Gere.

The USRADS survey was conducted in order to define, to the extent practicable, the lateral extent of above-background gamma emitting radioactive materials that could indicate the presence of process residuals, particularly uranium and thorium progeny. The survey was used to assist in identifying the locations for Phase II surface and subsurface soil sampling activities.

The NYSDEC survey took place on November 17, 18, and 19, 1997. The Chemrad portion of the survey took place on December 6, 1997 and on February 7, 1998. The February 7, 1998 survey was required since the data from the December 6, 1997 survey was inadvertently lost due to a computer hardware failure.

The survey used following radiation detection and positioning equipment:

- A Ludlum Model 3 rate meter with a two-inch by two-inch sodium-iodide (NaI) gamma scintillation detector (Model #44-10) used to measure radiological activity in counts per minute (cpm).

- Real-time positioning equipment designated by Chemrad as the Ultrasonic Ranging and Data System (USRADS 2200 Ultrasonic system).
- Radio frequency (RF) communications, which were used for system timing and data transfer.
- A portable computer system that was used in the field to receive, display, store, and reduce data.

For consistency, the baseline for the USRADS survey was established at reference point 0,0, consisting of the fence pole at the northeast corner of the Gilbert Display property (boundary separating the Site and the golf driving range), as was used for the GPR survey.

3.1.5. Site survey

A Site survey was conducted by Al Tay Surveying, a professional land surveyor, to locate potential source areas shown on historical maps including a 1952 historic map and a 1960 survey map prepared by Holzmacher, et al. The survey was used to assess current conditions and provide an accurate and up-to-date map for use during the investigation. Of particular interest were the locations of structures, former underground structures (recharge basins, leaching pools, and drywells) and historic building footprints. The survey map is provided as Exhibit 1. The survey map prepared by Mr. Tay was also used to compare the results of the USRADS survey, GPR survey, and soil boring survey with the locations of the underground structures. This comparison was used to determine the relationship among the data collected and to assist in positioning the soil borings.

During the survey, the surveyor re-established the coarse grid and confirmed the distance each fence pole was measured away from the 0,0 point from which the GPR and USRADS survey data was generated and later surveys may be referenced. The grid was based on the common fence separating Gilbert Displays, Magazine Distributors, Inc., and Air Techniques from the Nassau County Parks Department (Cantiague Park) golf driving range.

Subsequent to completion of the Site investigations, the location of surface soil samples and soil borings was established in relation to the Site survey. Each sampling location was identified on the survey map and includes the coordinates and ground surface elevation. Buildings, roadways, waterways, and utilities were clearly labeled. Elevations were referenced to the 1929 National Geodetic Vertical Datum (NGVD).

3.1.6. Site history

Historically, the former Sylvania facility consisted of Lots 79 and 80 of Block 499, Section 11. Exhibit 1 shows the locations of buildings formerly used for manufacturing at the site. Buildings #1 and #2 (which were interconnected) on Lot 80 already existed when Sylvania Atomic Energy Division Facility first occupied the property in 1952. Sylvania-Corning Nuclear Corporation Facility acquired the remainder of Lot 79 in 1957, and constructed building #4 circa 1957 - 1958 for the purpose of manufacturing atomic fuel elements for reactors used in research and electric power generation. Records indicate that Sylvania operated under license #SNM-82 issued from the Atomic Energy Commission (NRC 1994). The facility was used to manufacture nuclear fuel elements for the AEC, as well as high temperature coatings and composite alloys for space and aircraft industries from 1952 to 1967. Sylvania also operated research pilot and metallurgical laboratories during the time it was in operation.

With the sale of Sylvania Nuclear Division's equipment, tooling, and license assets to National Lead Industries in 1966, the production of nuclear fuel elements and components at the facility ceased. According to NRC (1996), the AEC removed the site in 1967 from licensing requirements, due to cessation of nuclear product production activities. Non-nuclear production activities at Lot 79 ceased completely during 1972, with the sale of the parcel to Dewiant Corporation. Of the original on-site buildings, only one remains on-site, forming a portion of the Air Techniques facility. GTEOSI's corporate genealogy relevant to its involvement with historical Site uses, manufacturing, and disposal practices were presented in the Work Plan (O'Brien & Gere 1998b).

Aerial Photographs

An aerial photograph review was performed to confirm the historical presence or absence of on-site buildings, development of surrounding properties, and potential areas of land elevation changes due to dumping or excavation. The search was conducted for the Site by Environmental Data Resources, Inc. Aerial photograph flights for the years 1953, 1966, 1974, 1980 and 1994 are included as Appendix B (EDR 1999).

The aerial photograph review confirmed that one building was present on the Site in 1953. By 1966 several structures and, a recharge basin, were present on the Site. The structures appear to support the 1960-Survey Map prepared by Holzmacher, et al. By 1974, no buildings were observed in the central portion of the Site. Additionally, the original building on the north side of the Site had been removed and it was replaced by a new building. This supports the historic record indicating that between 1966 and 1969 six buildings and associated foundations were removed and at least one recharge basin was filled. Little or no changes were observed on or near the Site in the 1980 aerial photograph. However, by 1994, the Site contained three industrial buildings and appears similar to that observed during the Site visit.

3.2. Phase I results

3.2.1. GPR survey results

Results were initially submitted in the approved Work Plan dated March 1998 (revised May 1999). A brief summary of the relationship between the observed GPR reflectors and formerly used subsurface structures (identified from historical records) is presented below. The basis of this relationship was established by comparing the results of the GPR survey, the visual graphic GPR output and figures illustrating current and historic site usage.

The results are described in context of current property ownership. Consistent with the output of the GPR SIR-2 unit, depths bls are reported in meters and are discussed in three ranges:

1. upper - 0 to 1 meter bls
2. moderate - 1 to 2 meters bls; and
3. deep - 2 to 5 meters bls.

Several maps were developed to illustrate the relationship of GPR reflectors to a predetermined depth pattern based on historical data, particularly the depth of individual structures (e.g., no structure was identified that was greater than five meters below ground surface on historical maps of the Sylvania facility) as well as the overall patterns of the GPR reflectors. The maps are included as part of the Work Plan.

The depth distribution of identified GPR reflectors include greater than 0.5 meter, greater than 1 meter, greater than 2 meters, greater than 3 meters, and greater than 4 meters. The majority of total reflectors identified at the former Sylvania Electric Products facility were between 0.3 and 3.3 meters (one foot to ten feet) bls. No reflectors were found greater than 5.28 meters (16 feet) in depth.

Golf Driving Range

The Nassau County Parks Department (Cantiague Park) Golf Driving Range ("driving range") comprises the eastern most portion of the study area. The area is relatively flat, sloping eastward away from the fence that separates this area from the Site. Forty-two GPR profiles of up to 5 meters in depth were obtained from this area. GPR profiles indicate a well-defined reflective surface characteristic of sandy soils that thin to the west.

Gilbert Displays, Inc.

The Gilbert Displays, Inc. area was formerly the location of Sylvania's Recharge Basin #3 and Building #8 where, according to the 1960 site map, burning and chemical processing occurred. Reflectors in this area corresponded to the location of Recharge Basin #3. The absence of reflectors in the area of Building #8 (profiles 345-351) suggest that subsurface structures associated with this building no longer exist. GPR reflectors identified within the parking lot area are likely a result of fill and regrading prior to construction.

Magazine Distributors, Inc.

Magazine Distributors was historically occupied by Building #6 and #7. Several metal sheds, recharge basins #1 and #2, and a reservoir were also reportedly located east and south of the building.

GPR profiles confirmed the presence of reflectors corresponding to the location of Recharge Basin #1 (profiles 355-376 and 436), Recharge Basin #2 (profiles 534-548) and the reservoir basin west of Pump House Building #7 (profiles 577-589). The deepest GPR reflectors correspond with the central axis of each of the recharge basins, suggesting that the basins were abandoned by filling. The fill material did not exhibit small, well-defined reflectors, which would be indicative of metal debris. Additionally, GPR profiles 550 to 555 (excluding 554) illustrated well-defined subsurface reflectors. These reflectors correspond to the underground storage tanks southeast of the Magazine Distributors.

Air Techniques, Inc.

The study area included the parking areas, the former location of six small buildings, and the northern portion of Recharge Basin #4. The GPR profiles contained reflectors that correspond, and thereby confirm, the location of Recharge Basin #4 (profiles 446-460) and the footprint of former utility buildings. A deep reflector trend was observed corresponding to a series of former manholes and drains. No evidence of extensive buried metal debris was noted. A single moderate depth reflector (4-5 feet bls), was north of the former gas storage shed (Building # 11, profiles 490 and 491).

Based on the results of the GPR survey and historical information, invasive surface and subsurface sampling were recommended at several locations. These locations were the focus of the Phase II soil boring investigation.

3.2.2. USRADS survey results

The exterior USRADS survey results are illustrated on the NavTracMaps and were submitted in the approved Work Plan dated March 1998 (revised May 1999). Background radiation readings varied for each

property surveyed. Variation is normal and is attributed to location, whether the survey was done in an area of exposed surface soils, and in response to different NaI detectors.

Nassau County Parks Department (Cantiague Park) Golf Driving Range

The golf driving range survey was conducted along the east side of the fence that separates the former Sylvania Electric Products Facility and the driving range. Background radiation readings ranged between 8,600 cpm and 9,900 cpm. NYSDEC background sample readings, adjacent to the Cantiague Park exit road, ranged between 7,600 cpm and 8,000 cpm.

Locations of above background radiation on the golf driving range property were:

- A 15 feet by 10 feet area at the southeastern corner of the Gilbert Displays property as shown at the 150 feet point on the NavTrackMap (radiation readings ranged between 1.5 and two times background).
- A 10 feet by 10 feet area between fence poles 31 and 32, at a distance of 305 feet to 315 feet as indicated on the NavTrackMap.

Gilbert Displays Property

The survey was conducted in the east and south-side parking areas and driveway. Background radiation readings ranged from approximately 6,800 cpm to 8,800 cpm with slightly elevated readings in the following locations:

- A 100 feet by 20 feet area (point 11 on NavTrackMap) adjacent to the back of Gilbert Displays building which exhibited readings approximately 1.5 times background. The radiation readings could be related to the building construction materials.
- A 20 feet by 80 feet area was detected at the southeast corner of the property. This area is comprised of a 10 feet by 40 feet area where radiation levels were twice background and a 30 feet by 10 feet area where levels were recorded greater than two-and-a-half times background. Radiation levels at the property boundary were approximately five times background.

Magazine Distributors Inc. Property

The survey was conducted in both the south and east side parking areas. The background radiation reading on December 6, 1997 was 6,165 cpm and on February 7, 1998 was 2,000 cpm. Above background levels of radiation were noted at the following locations:

- An approximate 5 feet diameter area in the south-side parking area, 104 feet west of fence corner post and 33 feet north of the fence-line that separates Magazine Distributors Inc. and Air Techniques (-250 feet point on the NavTrackMap) that exhibited readings of 1.5 to 2 times background.
- The two northernmost blacktop entrance ramps in the east-side parking area (-100 and -150 feet point on the NavTrackMap) where readings were about twice background.
- The corner of the property line between Magazine Distributors and Gilbert Displays (fence poles 17 and 18) exhibited readings about three times background.
- An approximate 20 feet diameter area, 18 feet west of pole 30, exhibited readings up to four times background.
- An area approximately 27 feet west of poles 40 and 41 exhibited readings up to 1.5 times background.

Air Techniques Property

Background radiation readings from the eastern and northern parking areas ranged between 5,000 cpm and 6,500 cpm. Locations of above background levels of radiation identified during the survey include:

- An area about the diameter of a quarter, 20 feet from the northeast corner of the building (500,-100) exhibited readings over three times background.
- A 20 feet by 20 feet area at the eastern edge of the north parking area (-150 feet point on the NavTrackMap) exhibited readings approximately three times background. The center of this area (approximately 1 foot in diameter), exhibited readings 50 times background at 0.5 feet above ground surface and 100 times background approximately 1 centimeter above the ground surface suggesting a near surface point source.
- Four additional areas were detected, where readings were approximately twice background. The geometry of the first two areas coincided with areas where the asphalt parking lot was patched. The third area covered was 20 feet by 40 feet and was in the eastern parking lot about 5 feet from the fence line with Magazine Distributors Inc. The fourth area was at the western end on the north parking lot between a subsurface concrete vault and the Air Techniques building.

USRADS Survey Summary

Most of the above background readings were twice background or less. A very localized area approximately 1 foot in diameter at the eastern edge of the Air Techniques north parking area exhibited readings 50 times background. Further evaluation of each of the above background areas was performed during the Phase II Investigation. Additional details on the findings can be reviewed in the Work Plan.

4. Phase II field activities

This section describes the field methods used to characterize the former Sylvania Site. As mentioned in Section 1, the investigation was performed in two phases: Phase II was comprised of invasive field activities conducted in the summer of 1999 (July 7 through 23, 1999 and August 9 through 12, 1999).

Phase II investigation field efforts included the following:

- Site reconnaissance,
- Utilities clearance,
- Soil borings installation,
- Subsurface soil sampling,
- Temporary well installation, and
- Ground water gauging and sampling.

The field methods used for the Phase II investigation are described in the following sections.

4.1. Site characterization methods

4.1.1. Utility clearance

Prior to initiation of the Phase II field activities, sampling locations were designated and marked in concurrence with GTEOSI and NYSDEC.

On June 28, 1999, O'Brien & Gere contacted Underground Facilities Protection Organization (UFPO) – One call (NYC area), file #1790052, to locate and mark underground utilities at #70, #100, and #140 Cantiague Rock Road (Air Techniques, Inc., Magazine Distributors, Inc., and Gilbert Displays, Inc.). Both on- and near-Site utilities were identified. Utilities contacted included: Lippa Brooklyn Union East, Bell Atlantic ("No Cuts" 718-225-1177); AT&T (800-252-1133); Cablevision (516-393-3221); Nassau County Department of Public Works Traffic Signal Center (516-572-0465); and Teleport Communications Group (516-247-5680).

One call would only coordinate the locations of utilities for those companies subscribing to their service. Additionally, subsurface lines were only identified if they are on public property and right-of-ways. Therefore, O'Brien & Gere subcontracted NAEVA Geophysics, Inc. of Tappan, New York to perform a supplemental utility clearance on the private portions of the property and to confirm UFPO findings. NAEVA investigated the area around each proposed boring location using a Radio Detection RD-600 Electromagnetic (EM) utility-locating instrument, a Fisher TW-6 shallow-focus terrain conductivity meter, a Metrotech 50/60 EM receiver to detect conduits that carry 60 Hz current in the 440 to 20,000 volt range, a Dyntel 500A EM transmitter and receiver, and GSSI-Sir-3 GPR instrumentation.

The locations of subsurface objects, pipes, and utilities, are dependent upon the recognition of magnetic fields or electromagnetic waves. Color codings used by NAEVA corresponded to standard underground utility line markings: red for electric, yellow for gas-oil-steam, orange for communications-CATV, blue for water, green for sewer, pink for temporary survey markings, and white for areas of proposed excavation. The painted markings can be seen in several of the photographs (Appendix A).

The majority of the utilities were on the front (west side) of the property off of Cantiague Rock Road.

4.1.2. Surface and subsurface soil investigation

The field investigation was completed during the period from July 7, 1999 through July 23, 1999 and August 9, 1999 through August 12, 1999 in accordance with the approved Work Plan. The objective of the surface and subsurface soil samples were to evaluate the nature and extent of process residuals related to former Site usage. Although only 71 borings were originally defined in the Work Plan, the Work Plan was designed to accommodate additional borings in response to field results. Therefore, the number of borings was expanded to 128 due to field conditions and the need to delineate areas where residuals were found. In nearly each instance, NYSDEC personnel participated in and concurred with the selection of soil boring locations.

The cores were obtained using a direct push methodology (Hurricane truck mounted Geoprobe®). Geoprobe® soil samples were collected using four-foot soil cores within acetate sleeves. The soil cores and split-spoons started from the ground surface at each location, and proceeded to a depth dictated by the area being investigated, the presence or absence of above-background levels of radioactivity, and the headspace vapor readings. At a minimum, in areas where fill was found to exist, the borings were advanced into the underlying native material, if possible. Areas of surface radiation were probed approximately 4 feet until elevated levels of radiation or other constituents were no longer present. Locations of suspected subsurface radiation were investigated to 8 feet

beneath the pavement or until background readings were obtained. Finally, areas that formerly contained a structure were advanced 16 feet or to refusal. Refusal was encountered in several of the borings. A table showing the boring depths is included as Table 1. Soil boring logs are in Appendix C.

For Health and Safety purposes the steel casing was scanned for gamma radiation as it was removed from the hole. Additionally, the 0.016" acetate liners, which were used inside the steel casings, were scanned immediately upon retrieval for the presence of beta radiation (prior to opening and logging the soil core). Additionally, several wipe samples were collected from the acetate liners and analyzed in the field for radiation to evaluate whether the liners were being cross-contaminated between cores. No cross contamination was detected.

Soils were described according to the Wentworth Soil Classification System by an on-site O'Brien & Gere geologist. Soil descriptions included: soil type, color, percent recovery, moisture content, odor and other miscellaneous observations such as organic content and cohesiveness. A representative portion of each sample was retained for analysis and labeled with: site name, boring number, sample interval, date, and time of collection. When more than one discrete subsurface zone within a soil boring exhibited evidence of process residuals, either by visual observation or by field screening, additional soil samples were collected and analyzed for the described parameters.

A portion of each sample was placed in a ziplock® bag and sealed for portable photoionization detector (PID) headspace field screening for VOCs. Soil screening was performed to assist in locating borings and selecting samples to be submitted for analysis. Field screening results consisted of soil vapor readings, down hole field readings for both alpha and beta radiation and infield (trailer readings) radiation core measurements for alpha, beta, and gamma. The field screening results are provided in Tables 2 through 4. Figure 6 depicts the boring location and soil vapor data results.

Extensive field screening was performed to evaluate and select the soil interval(s) from the soil core to be sent to the laboratory for a series of analysis: radionuclide, VOCs, semi-volatile organic compounds (SVOCs), metals, polychlorinated biphenyls (PCBs), and mercury. Sample recoveries ranged from 0 to 100 percent. Recoveries often varied due to subsurface conditions (uniform sand). Specific procedures and methodologies were presented in NYSDEC approved Field Sampling Plan (FSP).

4.1.3. Worker exposure monitoring

Exposure monitoring was conducted during fieldwork activities to evaluate if Site workers were exposed to chemicals or radiation during fieldwork and if so, to what extent. On-Site air monitoring included the use of a PID, a portable aerosol monitor (DustTrak) and radiation detection instrumentation. Field analytical equipment was calibrated, and tested to see if it is in good working condition immediately prior to each day's use. This calibration ensured that the equipment was functioning within the allowable tolerances that were established by the manufacturer and required by the project. Records of all instrument calibration were maintained by field personnel. Details of the monitoring devices and purpose are provided below:

Photoionization Detector

The PID monitors total concentrations of many hazardous and some inorganic gases and vapors (compounds with an ionization potential of less than 10.6 eV). The instrument ionizes molecules using UV radiation by producing a current that is proportional to the number of ions present. The instrument was calibrated and recharged daily using a standard calibration gas specified by the manufacturer. Calibration data were recorded in field notebooks and on calibration log sheets.

Radiation Survey Instruments

Radiation survey instruments were used to screen soil samples for radioactivity and monitor breathing zone levels for exposure to radioactive particles. Prior to use, daily pre-operational checks including a source check were performed on radiation survey instruments using a gamma source fabricated and standardized by O'Brien & Gere Laboratories. The observed counts were recorded and were found to be within 10 percent of the standard value established during calibration.

Thermoluminescent Dosimeters (TLD)

Both a whole body (pocket style) and ring badge were worn by personnel engaged in field activities to evaluate beta and gamma radiation exposure to the body and to extremities. The TLD contain crystals of lithium fluoride that when exposed to radiation become excited and have the ability to maintain an excited state over a long period of time. The energy accumulated from the exposure to radiation is maintained in the badge media until it is analyzed. Landauer analytical reports from the period June 1, 1999 through June 30, 1999 and July 1, 1999 through July 31, 1999 indicate minimal reporting service of less than 1 mrem for both the pocket and finger monitors worn (Appendix D).

Pocket Dosimeters

Field workers wore pocket dosimeters to measure gamma radiation. Gamma particles create an electric charge within the dosimeter that is proportional to the activity present. These dosimeters are self-reading and show immediate exposure or daily exposure, if present, through a digital display that is read by looking at a source of light through the eyepiece end of the dosimeter. The meters work via an extremely sensitive fiber voltmeter and an ion chamber that measures the total amount of radiation to which the dosimeter has been exposed. These monitored whole body exposure during field activities.

Portable Aerosol Monitor (DustTrak)

The work area and the perimeter of the Site were monitored for alpha particles using the DustTrak. The DustTrak replaced the Real-Time Aerosol Monitor (RAM), which was originally proposed in the Work Plan to monitor the Site perimeter. The DustTrak detects the presence of total or respirable particulates through use of a laser photometer. A pump draws both solid and liquid particles through an optics chamber for measurement purposes. A supplemental method of monitoring was also conducted in the work zone using a sampling pump and filter cassette placed on the table. The filter was monitored daily.

Daily health and safety logs were maintained to account for safety inspections and other-safety-related information and equipment calibration. Logs include date and areas inspected, equipment used, monitoring performed, and work completed. No measurable levels of radioactivity were recorded on the film badges used by the workers engaged in the intrusive site investigation (Appendix D).

4.1.4. Ground water investigation

The Hurricane Geoprobe® rig was unable to penetrate the depth of the water table (approximately 70 feet below ground surface). As a result, Environmental Probing Investigations, Inc. subcontracted the work to CT&E Environmental Services, Inc. of West Creek, New Jersey. The temporary well points (specified in the Work Plan) were advanced using hollow-stem auger drilling methodologies and spilt-spoon sampling techniques. The temporary wells were comprised of a 2-inch PVC well placed in an 8-inch diameter borehole.

Ground water samples were collected from five monitoring wells on the Air Techniques property (MW-01 through MW-05) and the three-upgradient wells at the Nassau County Department of Public Works (W-24, W-24D, and W-25) to confirm previous sampling results and update information on ground water quality beneath the Site. Additionally, five temporary well points (TW-01 through TW-05) were advanced to evaluate ground water quality conditions in areas not monitored by the existing monitoring well network.

The ground water samples were analyzed for VOC, SVOC, metals including cyanide, and radionuclide parameters in accordance with the Quality Assurance Project Plan (QAPP). Due to high turbidity, several ground water samples were filtered through a 0.45-micron filter. Both filtered and unfiltered metals and radioactivity samples were collected and analyzed to evaluate if the residual concentrations detected are in the water or in colloidal form.

4.2. Data analysis

4.2.1. Laboratory methods

Samples were collected from July 7, 1999 to July 16, 1999, July 19, 1999 to July 23, 1999, and August 9, 1999 to August 12, 1999. Sample analysis were performed by O'Brien & Gere Laboratories of Syracuse, New York. Samples were analyzed in accordance with the Methods for Chemical Analysis of Water and Waste, USEPA 600/4-83-020, Test Methods for Evaluating Solid Wastes, SW-486.

The samples were submitted for analysis by United States Environmental Protection Agency (USEPA) Methods with New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP-91). The samples were analyzed for the following chemical parameters: VOCs (GC/MS - USEPA Method 8260B), SVOCs (USEPA Method 8270C), PCBs (USEPA Method 8082), ICP Metals (USEPA Method 6010B), Mercury (USEPA Method 7470A and 7471A), Total Cyanide (USEPA 9010B/9014), and Percent Total Solids (USEPA 2540-G). Several of the samples also underwent radiochemistry analyses using Los Alamos National Laboratory (LANL) and United States Department of Energy (USDOE) Methods (USEPA Methods 907, 900/9310, 600-50, and 901.1). The samples were analyzed using gamma spectrometry (LANL ER-130 Method, 901.1 modified), gross alpha/gross beta analysis (Method 900.0), alpha spectroscopy for thorium (EML TH-01 modified) and uranium (EML U-02 modified) or radium.

Data Management

Analytical results were received from the laboratory in hardcopy and electronic formats. The electronic data were used to establish a database to develop summary tables and for use in the data validation and human exposure evaluation. The data were manually reviewed during the data validation to assure consistency and correct any reporting errors that may have occurred during data entry.

Data Validation and Usability Assessment

Data validation is a process of determining the suitability of a measurement system for providing useful analytical data. Although the term is frequently used in discussing methodologies, it applies to all aspects of the system and especially to samples, their measurement and the actual data output. The validation used guidance methodologies were presented in the QAPP. The data validation reports are presented in Appendix E.

The analytical data generated for this investigation were evaluated by O'Brien & Gere Engineers using the quality assurance/quality control (QA/QC) criteria established in the project QAPP and specified in Section 4.2.1 Laboratory Methods. Excursions from the QA/QC criteria were qualified based on guidance provided in the USEPA Region II Contract Laboratory Program (CLP) Organics Data Review, SOP No. HW-6, Revision #11, the USEPA Region II Evaluation of Metals Data, CLP 3/90.

Analytical reporting requirements are presented in Section 8 of the QAPP and in the approved Work Plan. Five qualifiers were used during the data validation process "R", "U", "J", "JI", and "BU". The use of these qualifiers is consistent with guidance presented in *USEPA Risk Assessment Guidance for Superfund* (USEPA 1992a) and is presented in the data validation report Appendix E.

The data validation indicated that 100 percent of the PCBs, metals, mercury, cyanide and radiochemistry data was determined usable. Approximately 98.9 percent of the VOCs and 99.6 percent of the SVOCs were determined usable for qualitative and quantitative purposes.

4.2.2. Radiochemical data validation and interpretation

Data analyzed by gross alpha/gross beta, gamma and alpha spectrometry were evaluated using the USDOE Guidance for Radiochemical Data Validation, RD4, and the Science Applications International Corporation (SAIC) Laboratory Data Validation Guidelines for Evaluating Radionuclide Analyzes, 143-ARCS-92.01, Revision 05, for conventional quality assurance and quality control parameters such as holding times, sample preservation, calibration, system performance and document completeness. Radiochemical data were found to be 100 percent usable.

Unlike chemical data, however, additional interpretation of Site radiochemical data were required following validation, due primarily to nature of the analysis. The remainder of this section is devoted to a description of the interpretation approach and radionuclide analysis in general.

Site data were identified using a step-wise approach which for the majority of the data consisted of gross alpha/beta analysis as a screening step, gamma spectrometry as a secondary more specific test to identify gamma emitters, and lastly alpha spectrometry as a confirmation step. Gross alpha/beta analysis, applied to each sample analyzed, including ground water, was useful in evaluating above background radioactivity and the need to proceed to more specific testing. The methodology follows that specified in EPA Method 900.0. To determine gross alpha/beta activity using this method, samples are plated onto a 2-inch diameter planchet and counted using a low-background proportional counter. Data are reported as total alpha activity and total beta activity relative to the system's calibration source. O'Brien and Gere Laboratories' (the analytical laboratory for this project) proportional counters are calibrated using americium-241 for the alpha source and strontium/yttrium-90 for the beta source. The reported alpha and beta activity must be interpreted in comparison to these isotopes, recognizing that they are fairly energetic. Thus, the total activity would be underestimated if the actual emission were from an isotope yielding a lower energy emission. For Site data this situation did not present any difficulties because elevated levels of alpha/beta activity were readily discernible in comparison to background and when compared to each other.

Gamma spectrometry analyses were performed as a qualitative method for determining what gamma emitting isotopes were present and a semi-quantitative method for determining the approximate activities for the detected isotopes. The methodology follows EPA Method 901.1. Using this method, soil samples obtained from the Site were dried, ground, homogenized, and weighed into 75mL jars. The samples were then allowed to set for at least 21 days in order to allow the radon-222 and its daughters, which may have been driven off in the preparation steps, to re-establish equilibrium.

Samples submitted for gamma analyses were counted using high-purity germanium (HPGe) gamma detectors. Data were interpreted by comparing peaks detected versus a natural occurring radioactive materials (NORM) software library maintained with the instrumentation. The laboratory reported an isotope whenever a peak was detected, whether the activity was above detection levels or not. Though many emitters have unique "finger-prints" for energies of gamma emissions, many energies are shared by multiple isotopes; and, therefore, may cause the system software to over-estimate activities for those isotopes. Interference corrections were used when the software criteria for being able to perform such corrections were met, but, for many isotopes, such corrections are not easily calculated. The effect of the presence of interfering isotopes is an over-estimate of each isotope's activity.

To resolve this overestimation to the extent possible, site isotopic data involving radium-226 and uranium-235 analyzed by gamma spectrometry were evaluated using the following equation furnished by John Kadlec, NYSDEC Bureau of Radiation and Pesticides. It should

be noted that: these isotopes interfere with each other at the 186 keV energy level; this is the only gamma energy level that is exhibited by radium-226; and that uranium-235 has other gamma energies available that can be used to determine the activity of uranium-235.

Where:

pCi/g – picocuries/gram of uranium-235 at the 143 keV energy level

cts – counts as reported by the laboratory

sec- counting time

eff – instrument efficiency

intensity – percent gamma emitted at 143 keV energy level

g – grams uranium sample weight

$$pCi/g = \frac{cts}{sec} 27.03 \frac{1}{eff} \times \frac{1}{intensity} \times \frac{1}{g}$$

To eliminate uranium-235 from the 186 keV energy level (the interference peak), the uranium-235 calculated at the 143 keV energy level is subtracted from the reported 186 keV activity yielding the possible radium-226 sample activity. By careful examination of the data in this manner, the principle isotopes present in a sample and exhibiting interferences may be quantified.

Alpha spectrometry was used as a final step to evaluate select samples for the presence of uranium and thorium, the principle isotopes that were identified via gamma spectrometry. It was also used to confirm the presence or absence of radium-226 in several water and soil samples. Alpha spectrometry provides an extremely accurate quantitative method for determining uranium, thorium, and radium activities. The methodology follows that specified by EPA Method 907.0. Because interfering isotopes are separated out in the sample purification steps, the methodology is fairly isolated from interferences.

The methodology follows procedures developed at the USDOE's Idaho National Engineering Laboratory. It involves the digestion of soil, micro-precipitation of interfering chemicals and isotopes, precipitation of radium with barium and alpha spectrometry counting. The method is accurate to about 1 pCi/g for radium-226 and its immediate alpha-emitting daughters.

Ground water samples analyzed via alpha spectrometry confirmed that radium-226 is not present in ground water at the Site. Analysis of soil

samples indicated that radium might be present in isolated areas at relatively low levels, generally less than 5 pCi/g.

5. Nature and extent of residuals

The investigation focused on the nature and extent of process residuals (VOCs and radionuclides in the soil and ground water at the Site) related to former Site use. The field activities were conducted in two phases in order to mobilize a second drill rig to the Site capable of penetrating to the depth necessary to obtain ground water samples.

5.1. Soil characterization

Soil characterization within the study area consisted of the advancement of soil borings, soil screening and the collection of soil samples. The boring depths were based on site-specific areas of interest and encountered field conditions.

- Areas of surface radiation were probed approximately 4 feet until elevated levels of radiation or other constituents were no longer encountered based on downhole and core screening data.
- Locations of suspected subsurface radiation were investigated to approximately 8 feet beneath the pavement.
- Areas that formerly contained a structure (leaching pool) were advanced 16 feet or to refusal.

Refusal was encountered in several of the borings between 5 feet and 12 feet due to drilling conditions, sand and cobbles, that packed around the drill tools. Borings that were given multiple designations were advanced because either: refusal was encountered in the original boring location and a second boring was advanced in close proximity to the first (SB-010A and SB-010B) or elevated concentrations of compounds were detected during field screening and further borings were performed to delineate the subsurface (SB-009A through SB-009E).

The extensive field screening was performed to evaluate the presence of beta or gamma radiation prior to opening and logging the core, health and safety purposes, and to aid in the selection of samples to be submitted for laboratory analysis. The soil interval(s) from the soil core were sent to the laboratory for a series of analysis including: radionuclide, VOCs, SVOCs, metals, PCBs, and mercury. The field screening results (downhole and core screening data) are presented as Tables 2 through 4. Table 10, Sample Identification and Analytical Summary, provides the boring locations and analysis run on a per sample

basis. Radionuclide analytical results for gross alpha/beta analysis, gamma spectroscopy, and alpha spectroscopy is provided in Tables 11 through 13. Chemical analytical results for the soil borings are presented as Tables 14 through 17.

Air Techniques

Subsurface soil sampling performed in the Air Techniques study area consisted of the advancement of 22 soil borings (SB-01 through SB-14 including SB-004A through SB-004C and SB-009A through SB-009E). Both SB-004 and SB-009 were installed in areas where elevated counts of radiation were detected during the USRADs survey. The areas investigated and background information explaining the placement of the soil borings at Air Techniques are provided in Table 5.

Radionuclide Data

Forty-seven soil samples at various depths were collected and analyzed for radionuclides. Gross alpha ranged from 2.8 pCi/g in SB-009 (36–48" bls) to 230,000 pCi/g in SB-009 (6–12" bls). Gross beta ranged from not detected in SB-009A (46 – 48" bls) to 130,799 pCi/g in SB-009D (12–18" bls). Radioactive nuclides, primarily thorium and uranium, were detected in the soils in SB-004A through SB-004C and SB-009A through SB-009E using gamma spectroscopy. Figure 8 shows the boring locations, sample interval(s) and concentration of each radionuclide detected. It should be noted that both the SB-004 and SB-009 areas are extremely isolated areas in the Air Techniques parking lot, away from actual parking spaces.

Alpha spectroscopy was used to further examine SB-004A, SB-009E, and SB-003. Alpha spectroscopy can be used to evaluate thorium and uranium or radium. Thorium-228 (31.4 pCi/g), thorium-230 (1440 pCi/g), thorium-232 (67.9 pCi/g), uranium-233/234 (43.3 pCi/g), uranium-233/234 (43.3 pCi/g), uranium-235/236 (9.54 pCi/g) and uranium-238 (46.5 pCi/g) were detected in the sample collected from SB-004A. Uranium-233/234 (22.9 pCi/g) and uranium-238 (21 pCi/g) were detected in SB-009E. Unlike the analysis conducted on SB-004A and SB-009E, SB-003 (12–18") was analyzed for the presence or absence of radium-226 using alpha spectroscopy. Radium-226 was detected at 30.01 pCi/g.

Chemical Data

Low levels of VOCs, primarily tetrachloroethylene and trichloroethene, were detected in boring SB-006 (0 – 24" bls), near a historic dry well on the south side of the building (Table 14). However, no elevated concentrations of SVOCs were detected in SB-006 or the other samples analyzed from the Air Techniques Property (Table 15). Aroclor 1254 was detected at low concentrations (0.004J mg/Kg to 0.1 mg/Kg) in five of the seven samples analyzed (SB-005, SB-006, SB-010B, SB-011, and SB-012). These borings were advanced to investigate the former

transformer yard and historic recharge basin. Eight soil samples were analyzed for metals (Table 17). Nickel and thallium were detected slightly above background (13 mg/Kg for nickel and 0.41 mg/Kg for thallium) in SB-012 (120-144" bls) at concentrations of 17.9 mg/Kg and 1.1J mg/Kg, respectively. Additionally, SB-010B (48-72" bls) contained 0.41 mg/Kg of silver.

Area Analytical Summary

Borings were advanced on the Air Techniques property to investigate former structures, recharge basins, and areas of above background radioactivity identified during the USRADS survey. Areas with detected constituents consisting of several radioisotopes and metals are extremely isolated and localized. VOCs were not found at any appreciable levels in subsurface soils on this property.

Magazine Distributors

Subsurface soil sampling performed in the Magazine Distributors study area consisted of the advancement of approximately 60 soil borings (SB-15 through SB-17, SB-63 through SB-96, and SB-98 through SB-104). The areas investigated and background information explaining the placement of the soil borings at Magazine Distributors are provided in Table 6.

Radionuclide Data

Forty-four samples, collected at various depths, were analyzed for radionuclides. Gross alpha ranged from not detected in SB-100 (68-90" bls) and SB-101B (40-46"bls) to 1,698 pCi/g in SB-077 (126-132" bls). Gross beta ranged from 3.63 pCi/g in SB-101B to 969 pCi/g in SB-077. Radioactive nuclides, primarily thorium and uranium, were detected in several of the surface and subsurface soils at the Magazine Distributors Site. Figure 8 shows the boring locations and concentration of each radionuclide detected. The highest concentrations detected appear to be in select areas south of the building. Alpha spectroscopy was used to analyze SB-082 (180-192" bls) and SB-089 (168-192" bls). Uranium-233/234 (22.4 pCi/g) and uranium-238 (20.5 pCi/g) were detected in SB-082. No thorium or uranium was detected in SB-089. These borings were installed to evaluate historic leaching pools and other underground structures. On November 22, 1999, SB-016 (30-42") was analyzed for the presence or absence of radium-226 using alpha spectroscopy. Radium-226 was detected at 1.28 pCi/g.

Chemical Data

VOC analyses was run on approximately half of the samples collected from this area. Three borings, SB-017A (30-36" bls), SB-064 (96-108" bls), and SB-067 (72-88" bls) had concentrations of tetrachloroethylene at 9.4 mg/Kg, 17 mg/Kg, and 170 mg/Kg, respectively. Concentrations of trichloroethene were 29 mg/Kg in SB-017A, 0.12J ug/Kg in SB-064,

and 0.18 ug/Kg in SB-067 (Table 14). SVOCs were detected at minimal concentrations at the Magazine Distributors property (Table 15). PCB analysis was run on several of the samples. Soil boring SB-079, down gradient of the former underground tank locations and east of the historic electrical transformer, contained 2 mg/Kg of Aroclor 1254 (Table 16). Nine samples contained above background concentrations of nickel and two samples contained above background concentrations of magnesium (Table 17). The isolated areas of above background metals, primarily nickel appear to be confined to depths greater than 4 feet.

Area Analytical Summary

The investigation at Magazine Distributors focused on historic recharge basins, former buildings, a historic underground tank area, and a reservoir. Significant impacts did not appear to be present in the soils in and around the historic recharge basin. The historic tanks were in paved areas that exhibited elevated soil vapor readings and above background levels of radioactivity. The reservoir did not exhibit either elevated levels of either radionuclides or VOCs.

Gilbert Displays

Subsurface soil sampling performed in the Gilbert Displays study area consisted of the advancement of 45 soil borings (SB-18 through SB-29, SB-35 through SB-62, SB-97, and SB-105 through SB-109). The areas investigated and background information explaining the placement of the soil borings on the Gilbert Displays property are provided in Table 7.

Radionuclide Data

Thirty-three samples, collected at various depths were analyzed for radionuclides. Gross alpha ranged from 4.8 pCi/g in SB-28 (32-46" bls) to 147,251 pCi/g in SB-45 (72-78" bls) (Table 11). Gross beta ranged from 8.1 pCi/g in SB-068 (54-68" bls) to 139,098 pCi/g in SB-45 (72-78" bls). Radioactive nuclides, primarily thorium and uranium, were detected in the soils at Gilbert Displays. Figure 8 shows the boring locations and concentration of each radionuclide detected. The highest concentrations detected appear to be on the east side of the building.

Alpha spectroscopy was used to further examine nine samples (Table 13). No detectable thorium or uranium was noted in SB-022 or SB-037. In the remaining samples, thorium-228 was detected at 37.8 pCi/g in SB-024, thorium-230 was detected at 16.9 in SB-024, thorium-232 was detected in borings SB-023B, SB-024, SB-037, SB-040, SB-041, and SB-049 at concentrations ranging from 5.5 pCi/g in SB-040 (0-24" bls) to 334 pCi/g in SB-024 (66-84" bls). Uranium-233/234 was detected in SB-023B, SB-037, SB-040, SB-041, SB-049, and SB-059 at concentrations ranging from 13.1 pCi/g in SB-059 (120-144" bls) to 1,060 pCi/g in SB-041 (12-18" bls). Uranium-235/236 was detected in SB-023B, SB-037, SB-040, SB-041, SB-049, and SB-059 at concentrations ranging from 4.3 pCi/g in SB-040 to 117 pCi/g in SB-

041. Uranium-238 was detected in SB-023B, SB-037, SB-040, SB-041, SB-049, and SB-059 at concentrations ranging from 14.7 pCi/g in SB-059 to 1,190 pCi/g in SB-041. In samples SB-023B, SB-024, SB-037, SB-040, SB-041, SB-049, and SB-059. Uranium-233/234 ranged from not detected to 22.4 pCi/g in SB-082. Uranium-238 was detected at 20.5 pCi/g in SB-082. On November 22, 1999, SB-105 (70-76") was analyzed for the presence or absence of radium-226 using alpha spectroscopy. Radium-226 was detected at 2.35 pCi/g.

Chemical Data

VOCs, primarily tetrachlorethene and trichloroethene, were detected in four borings, SB-54, SB-49A, SB-24, and SB-105. Eight samples contained low levels of SVOCs including chrysene (SB-024 and SB-105) and benzo(a)anthracene, which are probably related to the presence of asphalt. Five of the samples were analyzed for PCBs (Table 16). Aroclor 1254 was detected at concentrations of 0.03 mg/Kg in SB-023B (160-177" bls), 0.02 mg/Kg in SB-035 (120-144" bls), 0.01 mg/Kg in SB-037 (168-192" bls), 5 mg/Kg in SB-054 (96-120" bls), and 0.02 mg/Kg in SB-097 (168-192" bls). Six samples collected from SB-023B, SB-024, SB-035, SB-054 and SB-105 contained above background concentrations of metals, primarily nickel (Table 17). Beryllium, chromium, copper and lead were also detected at depths above background levels in SB-024 and SB-105. The isolated areas of above background metals appear to be confined to depths greater than 4 feet.

Area Analytical Summary

The main areas of investigation at the Gilbert Displays parcel were the former buildings, recharge basins, and leaching pools. The soils adjacent to the east side of the building (denoted by SB-024 and SB-045) contained both VOCs and radionuclides. Both the vertical and lateral extent of these residuals appear to have been defined through the installation of additional borings. Soil borings were installed in the historic recharge basin footprint and around the perimeter.

Nassau County Parks Department Golf Course

This area is not currently nor formerly part of the Site production facilities, but it was investigated to: confirm sampling previously conducted by NYSDEC showing above background levels of radioactivity in surface soils along the fence line at the rear of Gilbert Displays and Magazine Distributors; to establish area background levels of soil radionuclides; supplement geologic information and, confirm historic records reviewed.

Twelve soil borings (BK-001, BK-002, SB-025, SB-027 through SB-034) at various depths were collected and analyzed for radionuclides. The background information explaining the placement of the soil borings at the golf course driving range is provided in Table 8.

Radionuclide Data

Thirteen soil samples were collected at various depths and analyzed for radionuclides. Gross alpha ranged from not detected in several of the samples to 525.2 pCi/g in SB-025 (2-18" bls). Gross beta ranged from not detected in BK-001 (68-88" bls) to 337.8 pCi/g in SB-025 (0-18" bls). Radioactive nuclides, primarily thorium and uranium, were detected in several soil sample at the Nassau County Parks Department Golf Course Driving Range (Figure 8).

Chemical Data

No detectable concentrations of SVOCs were found in the four soil samples collected (BK-001, SB-027, SB-028, and SB-032) (Table 15). Although metals were detected in SB-027, SB-028, and SB-032, the concentrations did not exceed background (Table 17).

5.2. Water characterization

Water characterization within the study area consisted of gauging and sampling of eight accessible monitoring wells and five temporary well points using approved low flow sampling techniques. The depth to ground water at the Site ranges from 67.72 feet bls in MW-04 to 71.16 feet bls in W-25. Depths to water and water elevation measurements are included in Table 9.

Based on ground water measurements collected from August 9, 1999 through August 12, 1999 the ground water flows to the south. Figure 10 provides a ground water flow map with ground water equipotential lines from previous investigations superimposed on the adjacent parcels.

Infiltration and percolation through the soils to the ground water is one potential means of transporting residuals to the ground water. Water samples were collected and analyzed for VOCs, SVOCs, metals, and radionuclides (gross alpha/beta, gamma spectroscopy, and alpha spectroscopy). Both VOCs and radionuclides have been detected in the ground water at the Site. The concentrations of the VOCs, primarily tetrachloroethylene and trichloroethene, are provided in Table 21 and in Figure 11. No radium was identified in the Site ground water.

It should be noted that public well location maps provided by Mr. John Lovejoy, Nassau County Department of Health indicate that there are no active public supply wells on or immediately downgradient of the Site. Additionally, Article IV of the Nassau County Public Health Ordinance and the New York State Plumbing Code indicate that private wells cannot be installed in areas in which public water is available. Therefore, the water in the area is not currently and will not in the future be used as a potable source. Public, potable water supply wells near the Site contain

VOCs due to sources unrelated to the Site (NCDOH 1997). Well head treatment for these wells include air strippers to remove the VOCs. Furthermore, there are no irrigation wells on the Nassau County Parks Department Golf Course according to administrative personnel.

Air Techniques

Ground water sampling performed at the Air Techniques study area consisted of gauging and sampling five permanent monitoring wells (MW-1 through MW-5) and two temporary well points (TW-03 and TW-04). This parcel has been the subject of an on-going ground water investigation since 1995 (ERM 1997).

TW-03 was installed in the northeast corner of the Site to evaluate if process related residuals in ground water are present at this location. TW-03 is 74.22 feet deep. Temporary well TW-04 was installed to a depth of 75.45 feet bls, in the area formerly known as recharge basin #1, to evaluate the ground water down gradient of Magazine Distributors. Depths to water in the wells ranged from 67.72 feet bls in MW-04 (on the south side of the Site) to 69.12 feet bls in MW-05 on the northeastern corner of the Site (Table 9). A generalized ground water flow map is provided as Figure 10.

Radionuclide Data

Seven ground water samples (five field filtered) were analyzed for radionuclides. Gross alpha ranged from 0.1pCi/L in MW-4 to 424.6 pCi/L in TW-4. However, when the sample collected from TW-04 was field filtered and analyzed this elevated reading dropped to 5.3-pCi/L indicating that most of the alpha activity was associated with particles and not associated with ground water. Gross beta ranged from 1.1 pCi/L in MW-3 to 223 pCi/L in TW-4 dropping to 2.7 pCi/L when filtered. Using alpha spectroscopy analysis to further examine MW-1, thorium-232 was detected at a concentration of 2.65 pCi/L. On November 19, 1999, MW-02 was analyzed for radium-226 using alpha spectroscopy. Radium-226 was detected at 0.62 pCi/g.

Chemical Data

VOCs, primarily tetrachloroethylene and trichloroethene, were detected in the seven wells sampled. Concentrations of tetrachloroethylene ranged from 45 ug/l in MW-03 on the south side of Air Techniques to 1,200 ug/l in MW-05 down gradient of the former recharge basin. The concentrations of trichloroethene ranged from 2 ug/l in MW-03 to 30 ug/l in MW-02. One well sampled, MW-3, also contained 0.8-ug/L toluene.

No SVOCs were detected in the samples. The seven samples were also analyzed for total metals (two of the samples were analyzed both filtered and unfiltered). Nickel, iron, and sodium were detected in several of the non-filtered samples. However, the field-filtered samples indicated that

concentrations of antimony, arsenic, copper, iron, lead, manganese, nickel, and selenium are not part of the ground water flow regime, are in particulate form and not a true representation of ground water constituents.

Magazine Distributors

No ground water sampling was required at the Magazine Distributors property. TW-04 and TW-03 collected on the Air Techniques Site was representative of presumed down gradient conditions.

Gilbert Displays

Three temporary well points (TW-01, TW-02, and TW-05) were advanced on the Gilbert Displays property at locations selected in consultation with NYSDEC. TW-01 was installed on the south side of the Site in the footprint of the former Site building and down gradient of former subsurface structures (drywells, leaching pools). TW-01 was 80.1 feet deep. TW-02 was installed to a depth of 78.18 feet bls, on the west side of the building, down gradient of former recharge basin #3. Finally, TW-05 was placed on the southeastern corner of the building. This boring was located down gradient of the area of elevated radionuclides defined by SB-024. Depths to water in the wells ranged from 69.26 feet bls in TW-02 to 69.82 feet bls in TW-05 (Table 9).

Radionuclide Data

Several samples were analyzed for radionuclides. Gross alpha ranged from 0.8 pCi/L in TW-1 (field filtered) to 3,320.3 pCi/L in TW-2. However, when the sample collected from TW-02 was field filtered and analyzed the reading dropped to 194-pCi/L. Gross beta ranged from 2.9 pCi/L in TW-1 to 633.5 pCi/L in TW-5 and dropped to 37.5 pCi/L when filtered. No gamma admitting radionuclides were detected from the gamma spectroscopy. Thorium-228 (11.2 pCi/L), thorium-230 (28.8 pCi/L), thorium-232 (40.8 pCi/L), uranium-233/234 (215 pCi/L), uranium-235/236 (11.5 pCi/L) and uranium-238 (220 pCi/L) were detected in TW-02 (field filtered) using alpha spectroscopy. On November 19, 1999, TW-02 (field filtered) and TW-05 (field filtered) were analyzed for the presence or absence of radium-226 using alpha spectroscopy. Radium-226 was detected at 0.34 pCi/g and 0.11 pCi/g, respectively.

Chemical Data

The three temporary well points (TW-01, TW-02, and TW-05) contained concentrations of tetrachloroethylene ranging from 90 ug/l in TW-05 to 2,000 ug/l in TW-02. The concentrations of trichloroethene ranged from 0.6 ug/l in TW-05 to 3 ug/l in TW-02. These samples were not filtered.

Nassau County Department of Public Works

Ground water sampling performed at the upgradient site consisted of gauging and sampling the three monitoring wells (HG-W-24, HG-W-24D, and HG-W-25). Depths to water in the wells ranged from 70.57 feet bls in W-24D to 71.16 feet bls in W-25 (Table 9).

Radionuclide Data

Four water samples (three unfiltered and one field filtered) were analyzed for radionuclides. No gross alpha readings were detected. HG-W-24D contained 4.1pCi/L of gross beta. Using alpha spectroscopy, thorium-232 was detected in HG-W-24 at 5.32 pCi/L, in HG-W-24D at 2.6 pCi/L, and in HG-W-25 at 2.89 pCi/L. Thorium-230 was detected in HG-W-24D at 3.1 pCi/L and in HG-W-25 (field filtered) at 3.72 pCi/L.

Chemical Data

Tetrachloroethylene, trichloroethene, or SVOCs were not detected in the monitoring wells north of the Site on the Nassau County Department of Public Works property. The three well samples collected were analyzed for metals. Several metals were detected in the unfiltered samples. However, only sodium remained at a concentration of 117 ug/L in HG-W-25 (field filtered). Sodium was also detected in HG-W-24 and HG-W-24D; however these samples were not filtered to evaluate whether sodium concentrations were associated with the particulate fraction of the samples.

6. Exposure evaluation

The objective of this section is to present a general assessment of potential public health implications related to the radionuclide and VOC levels detected in soils and ground water at the Site relative to published regulatory levels. The Site currently includes three commercial/industrial properties: Air Techniques, Magazine Distributors, and Gilbert Displays ("properties") (Figure 2). Based on a review of constituents detected at the Site, land use at the Site and surrounding areas, and other Site specific considerations, the following conclusions are made:

- VOC levels detected in soil and soil vapor or ground water at the Site do not represent a significant risk to humans at the Site
- It is highly unlikely that the workers at the Site would be exposed to radiation levels, which exceed acceptable dose limits as identified by the NRC, USEPA, or NYSDEC.

The basis for these conclusions is described in the following paragraphs.

6.1. Description of site and surrounding area

The properties are bounded by Cantiague Rock Road to the west, a golf course driving range to the east, commercial industrial properties to the south, and Nassau County Department of Public Works to the north. The properties are fenced and almost entirely covered by asphalt or buildings, with the exception of a narrow grassy strip at their eastern perimeter (herein referred to as the grassy strip). The main access and egress point to the properties is on Cantiague Rock road (herein referred to as the front of the properties). Typically, employees of these businesses enter the properties at the front of the properties, park the cars in parking lots in the front or near the grassy strip, and spend the majority of the working day inside the main buildings. At Gilbert Displays, employees may eat their lunch on the side of the building. In addition, trucks transport goods to and from the loading docks at the sides of the facilities during working hours. The truck drivers may spend their time waiting in the parking lot or in the warehouse areas.

The area investigated on the golf course driving range is comprised is highly vegetated and is not mowed or otherwise maintained. Since it is a driving range, golfers do not access this area. Maintenance workers do not frequent the area since it is not mowed, but may occasionally access the area to retrieve balls.

Soils at the Site are mostly sandy soils, interspersed with discrete, thin, discontinuous clay lenses. Ground water occurs at a depth of approximately 70 feet below ground surface. According to well location maps issued by the Nassau County Department of Health (NCDOH 1997), there are no active residential, municipal, or industrial ground water wells within a 0.5-mile radius of the Site. In addition, regulations “prohibit the installation of private water system wells in those areas served by a public water system” (NCDOH 1987, Article IV). The closest active down gradient municipal wells (#7561, #9212, and #8526) are approximately 1-mile from the Site. According to NCDOH, the air strippers on these wells are used to remove VOCs prior to public distribution of the water (NCDOH 1997). Based on these considerations, no human exposure will occur to constituents detected in Site ground water. As such, this pathway does not represent risk to human health.

As discussed in detail in Section 5, VOCs (primarily tetrachloroethylene and trichloroethene) and radionuclides (primarily uranium-238) were detected in soil and ground water at the Site. A discussion of the public health implications of the VOCs and radionuclides detected at the Site is presented below. Each section includes a brief discussion of the distribution of residuals in soil and ground water, background information regarding the mechanisms by which humans may be exposed to the residuals and an assessment of public health implications related to residuals detected at or near the Site.

6.2. Volatile organic compounds

A detailed discussion of VOCs detected in soil at the Site is presented in Section 5. Chlorinated solvents, primarily tetrachloroethylene and trichloroethene were detected in Site soil. In addition, VOCs may evaporate from soil and ground water resulting in vapor phase concentrations in soil gas, particularly in sandy soils. Consistent with this, VOCs have been detected in soil vapor samples collected from the Site.

Distribution - The distribution and detected concentrations of VOCs in subsurface soils and soil vapor are presented in Figures 11 and 6, respectively. Based on field observations, the VOCs occur largely in discrete subsurface lenses (greater than 4-5 feet bls) in two areas in the back of Gilbert Displays. In comparison, lower levels of VOCs were detected in subsurface soils samples collected from the Magazine Distributors property. VOCs were not detected, or detected at very low concentrations at the Air Techniques property.

Background - The VOCs detected at the Site (tetrachloroethylene and trichloroethene) have been widely used in commerce and industry as solvents, degreasing agents, or dry cleaning compounds. As with all

chemicals, exposure to these chemicals may result in adverse health effects, depending on the level of exposure, frequency of exposure, and time for which individuals may be observed. A chemical may only pose a health risk if the humans come into contact with the chemical (exposure), and the chemical enters the body (uptake). Potential uptake mechanisms for tetrachloroethylene and trichloroethene are ingestion via the mouth, contact and uptake across the skin, and inhalation of vapors.

VOCs may readily evaporate (hence the name “volatile” organic compounds) from soil and ground water resulting in vapor phase concentrations in soil gas, particularly in sandy soils. Consistent with this, VOCs have been detected in soil vapor samples collected from the Site. VOCs in soil vapor may infiltrate the indoor air of buildings via cracks or seams in the foundation. The extent of infiltration and resultant concentration in indoor air depend on various factors including:

- the structural integrity of the slab – infiltration is proportional to the total area of cracks or seams in the foundation
- the volume of the indoor space – concentrations in large spaces will be lower than levels in small spaces due to dilution
- ventilation rates – well ventilated spaces will have lower steady state indoor concentrations as compared with poorly ventilated spaces
- extent and location of the source area – a large source area located directly beneath a building slab will result in higher vapor infiltration as compared with a small source area.

For work environments in which these compounds are used, the Occupational Safety and Health Administration (OSHA) has published Permissible Exposure Limits – Time Weighted Average (PEL-TWA) for both tetrachloroethylene and trichloroethene in air. The PEL-TWA is defined as “the time weighted average concentration for a conventional 8-hour workday and a 40-hour workweek, to which it is believed that nearly all workers may be repeatedly exposed, day after day, without adverse effect” (ACGIH 1999).

Unlike worker exposure, potential exposures of the general public, including children, elderly, infirm, and pregnant women, are evaluated based on health assessment methods developed and applied by the United States Environmental Protection Agency (USEPA). The USEPA has classified tetrachloroethylene and trichloroethene as “probable human carcinogens”. This means that exposure to high levels of tetrachloroethylene and trichloroethene have been shown to cause cancer in laboratory animals, but that there is “insufficient evidence” that these agents cause cancer in humans. According to USEPA, there is insignificant risk of cancer associated with a given chemical exposure if the estimated probability of cancer is in the range of less than one in a million to one in ten thousand depending on the specific circumstances

of the exposure (NCP). Typically, the one in a million reference value may be applied in residential settings, whereas higher exposure levels would be considered to be within an acceptable range relative to industrial exposures (one in ten thousand).

Evaluation of Potential Exposures - Based on Site specific considerations, it is highly unlikely that the VOC levels detected in subsurface soils will result in adverse health impacts to humans at the Site. Furthermore, it is highly unlikely that VOCs detected in soil vapor will migrate to indoor air at levels exceeding the OSHA PEL-TWA values, USEPA significant risk levels and NYSDOH PCE air quality guidelines. This is based on the following observations:

- The VOCs at the Site are in subsurface soils, which are covered by asphalt. These areas are current parking lots or driveways, and are not routinely excavated. As such, it is highly unlikely that Site workers are exposed to these materials via ingestion or dermal contact.
- The buildings are large and well ventilated, which would result in low indoor air concentrations
- The areas where VOCs occur are relatively small compared to the extent of the building slab.
- Bulk (advective) transport of soil gas to indoor air would be minimal because of a low-pressure differential between indoor air and soil vapor. The pressure differential will be low due to open truck bays and other doors in the buildings.

Based on these considerations, it is concluded that the VOC levels detected in soil and soil vapor do not represent a significant risk to humans at the Site.

Radionuclides

Distribution – As previously discussed, the primary radionuclide detected in Site soils is uranium-238. Other radionuclides including radium-226, thorium-232, and uranium-235 were detected in samples collected from several relatively small discrete areas at the back of Gilbert Displays and at the side of Magazine Distributors, near the truck loading bay, as shown on Figure 7. In addition, uranium-238 was detected in soil samples collected from two locations at the golf course property (Figure 7). The levels of uranium-238 ranged from not detect to 1.4 pCi/g which extend approximately 6 to 8 feet onto the golf course property. Based on the samples collected, the extent of elevated radionuclide levels at the golf course driving range is restricted to the highly vegetated area at the edges of the driving range along the fence separating the Site from the driving range.

In addition to the soil samples, a surface radiation survey was performed at the Site for gamma activity. The radiation survey indicated that most of the surface readings at the Site were within background levels for the local area. However nine small areas of slightly elevated readings corresponding to two times background, one area greater than three times background, and one area greater than four times background were reported. These areas of elevated readings correspond to areas of elevated radiation as confirmed by the radionuclide soil sampling results.

Background - Radiation can be defined as the process of emitting energy in the form of particles or waves. Radiation may be divided into two general categories: ionizing and non-ionizing radiation. Non-ionizing radiation does not have sufficient energy to affect cells in the human body, and therefore is generally not of concern relative to impacts on human health. All living creatures on earth are continuously exposed to ionizing radiation from natural and man made sources. Natural sources of radiation include cosmic radiation and terrestrial radiation. Cosmic radiation refers to charged particles from the sun and stars, which interact with the earth's atmosphere and magnetic field to produce a shower of radiation.

Naturally occurring terrestrial radiation refers to uranium, thorium, and their decay products which occur naturally in soil, water, and vegetation. In addition to natural sources, the general public are exposed to man made radiation due to widespread societal uses of radioactive materials. Man made radiation sources include tobacco, televisions, medical x-rays, smoke detectors, nuclear medical procedures, and building materials. By far, the most significant source of man made radiation exposure to the public is from medical procedures, such as diagnostic x-rays, nuclear medicine, and radiation therapy. A breakdown of the average background radiation exposure for a member of the United States population is presented as Figure 14. As shown on Figure 14, the total average effective dose equivalent to a member of the public from all sources (medical, consumer products, environmental sources, etc.) is estimated at approximately 360 mrem¹/year (NCRP 1987).

There are three main types of ionizing radiation. They may be found in sources of man-made radiation as well as natural radiation sources. They are called: alpha, beta, and gamma. Alpha particles are of lowest energy and can be shielded by a sheet of paper or by human skin. However, if radionuclides that emit alpha particles are inhaled, ingested, or enter the body through a cut in the skin, they can cause harmful effects. Some beta particles can be stopped by human skin, but some need a thicker shield

¹ There are some key measurements of radiation which are useful in evaluating potential radiation exposure. The *activity* of a radiation source refers to the rate at which the radioactive material is emitting energy. Activity is measured in units of picocuries. The *dose* of a radionuclide refers to the amount of the substance, which may taken up by the body following a specific exposure event. Furthermore, since different radionuclides may behave differently in the body, and therefore have different biological effects, the dose term may incorporate a radionuclide specific modifying factor in proportion to the extent of damage a particular radionuclide may cause. The resultant weighted dose is known as the *effective dose equivalent*. The effective dose equivalent is expressed in units of mrem/unit time. In this report, the term dose is used as an abbreviation for the calculated effective dose equivalent.

(i.e. wood) to stop them. Just like alpha particles, beta particles can also cause health impacts if they enter the body. Gamma rays are the most penetrating of the three types of radiation listed here. Gamma rays usually accompany beta, and some alpha rays. Gamma rays will penetrate paper, skin, wood, and other substances, but are generally stopped or significantly diminished by a shield such as a concrete wall. This type of radiation may damage internal organs at high exposure levels.

Theoretically, any quantity of radiation can damage cells, and therefore may result in some amount of toxic effect. Such effects may include cancer, genetic damage, and birth defects. However, at low exposure levels, there is a very small likelihood that such effects would manifest in an exposed individual. The probability of adverse health effects is proportional to the individual radiation dose. There are four major factors that influence the potential dose associated with radiation exposure:

- *The nature and activity of the radionuclides present.* The toxic potential of uranium-238 via external exposure to gamma radiation is approximately 1,000 times less than radium-226 or thorium-232. Therefore, equivalent activity levels of these constituents would result in a dose associated with uranium-238, which is approximately 1,000 times less than the dose associated with radium-226.
- *The time of exposure.* The dose a person receives from external radiation is directly proportional to the length of time spent in a radiation field. Therefore, the less the time spent in a radiation field, the lower the dose received
- *Distance from the source.* The dose a person receives from an external radiation source is inversely proportional to the square of the distance from the source. Therefore, if the dose rate at 1 foot is 100 mrem/hr, the dose rate at 10 feet would be 1 mrem/hr).
- *The extent of shielding.* Shielding is one of the most effective ways of reducing radiation exposure. As previously discussed, alpha and beta radiation cannot penetrate common materials such as paper, wood, concrete and asphalt. Gamma radiation is significantly attenuated by shielding materials such as lead, iron, or concrete.

Various regulatory agencies have derived guidance values in order to protect workers and the general public from unacceptable health risks associated with radiation exposures (Figure 15). The Nuclear Regulatory Commission (NRC) has published dose limits to protect workers and members of the public potentially exposed to radiation from active facilities licensed by the NRC (10 CFR Part 20) as follows:

NRC Acceptable Exposure Limits for Active Facilities	
Occupational Exposure	Whole Body (sum of external and internal dose) 5,000 mrem/yr
Public Exposure	2 mrem/hr; 100 mrem/yr
Declared Pregnant Women	500 mrem over the gestation period

According to the NRC, the exposure limits shown are designed such that:

- No worker at a nuclear facility will receive an acute whole body radiation exposure sufficient to trigger the radiation syndrome.
- The risk of cancer (although not zero) will not be higher than the risk of cancer from other occupations.

In contrast to active facilities, the NRC has recently published acceptable dose limit of 25 mrem/year for facilities in which the NRC licenses were to be terminated (62 FR 39058, July 21, 1997). According to NRC decommissioning protocols, a site is appropriate for unrestricted future development, including residential, if the calculated radiation dose is less than 25 mrem/year. The USEPA applies a dose limit of 15 mrem/year for clean up of sites regulated under the Superfund Program, which includes future residential land uses (USEPA 1997, OSWER Directive No. 9200.4-18). The New York State Department of Environmental Conservation (NYSDEC) has identified, on a preliminary basis, a dose limit of 10 mrem/year to evaluate health based land use options, including possible future residential development (TAGM 1993).

Evaluation of Potential Exposure - To examine potential exposures relative to detected radionuclides, Site-specific exposure variables were used to estimate a potential dose for each exposure scenario. In consultation with NYSDEC, a computer code developed by the Department of Energy entitled RESRAD for Windows version 5.91 (September 1999), was used to calculate the estimated Site-specific dose, from residual radioactive material based on conservative estimates of the magnitude, frequency, and duration of exposure for workers at the facilities. The modeled dose estimates are less than 10 mrem/year.

Site-specific observations also support the modeled dose:

- The exposures of Site investigation workers were monitored using badge dosimeters over the course of the Site investigation. The dosimeter results indicated no monitored doses exceeding 1 mrem/month. Since the investigation workers were present at source areas and directly handling subsurface soils, it is highly unlikely that the dose for a facility worker would exceed 1 mrem/month and would be less than 10 mrem/year. Facility workers would not be

expected to work directly with subsurface soils or be in these areas for a length of time greater than investigative workers.

- The radionuclides in soil are mostly under paving which completely shields alpha and beta emissions, and mitigates gamma emissions. This is consistent with the surface gamma survey indicating that most of the Site is consistent with background radiation readings, and the surface readings at potential source areas were between 2-4 times background.
- The expected duration that an individual may be exposed to radionuclides in soils at the golf course driving range is very small, since that portion of the golf course in question is in a highly vegetated area along the periphery of the range, and would not be routinely accessed by golf course users or maintenance personnel.

Based on these considerations, it is concluded that it is highly unlikely that the workers at the Site, or humans at adjacent locations would be exposed to radiation levels which exceed acceptable dose limits as identified by the NRC, USEPA, or NYSDEC.

7. Conclusions

The investigation of the Former Sylvania Electric Products Incorporated facility, documented in this report, was conducted in accordance with the investigative requirements under the VCP agreement signed between GTEOSI and NYSDEC, dated April 1998. The investigation was conducted in a series of steps that were sequenced to:

- review available documentation regarding the physical layout of plant facilities when the Site actively engaged in manufacturing by GTEOSI's predecessor (in interest) companies and to evaluate the processes that accompanied manufacturing activities to determine the focus of the investigation in terms of locations and process residuals,
- investigate subsurface soils beneath the footprint of the former buildings and in the vicinity of the underground structures by installing over 100 soil borings at the Site,
- collect and analyze the soils for the presence of residues that were indicative of former Site processes, and
- collect and analyze ground water samples from areas selected on the basis of historical information, screening conducted on boring cores, and from previously installed monitoring wells.

From the execution of these steps and evaluation of the collected data, it may be concluded that:

- There are several areas of above background radiation on each of the properties investigated. The areas are isolated and with the exception of surface soils at the rear of Gilbert Displays and Magazine Distributors, previously identified by NYSDEC, are confined to the subsurface beneath paved areas. Soils on the Nassau County Parks Department golf driving range and containing above background levels of radiation were confined to the small areas along the common fence line between Gilbert Displays, Magazine Distributors and the driving range.
- There are isolated areas of above background metals, primarily nickel, on various portions of Magazine Distributors and Gilbert Displays. Above background metals appear to be confined to depths greater than 4 feet.

- Tetrachloroethylene and to a lesser extent, trichloroethylene, exists in soils as well as ground water at several locations on Gilbert Displays and Magazine Distributors.
- VOC levels detected in soil and soil vapor or ground water at the Site do not represent a significant risk to humans at the Site.
- It is highly unlikely that the workers at the Site, or humans at adjacent locations would be exposed to radiation levels that exceed acceptable dose limits as identified by the NRC, USEPA, or NYSDEC.

Finally, the investigation was performed in accordance with the approved Work Plan and modifications to the approved Work Plan made by NYSDEC personnel. This certification is made in accordance with Section I of the VCP agreement.

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Soil boring depths

Table 1
Soil Boring Depth

Former Sylvania Electric Products Inc. Facility
Hicksville, New York

Boring	Depth	Boring	Depth	Boring	Depth
BK-001	96"	SB-032	60"	SB-072	96"
BK-002	96"	SB-033	48"	SB-073	192"
SB-001	96"	SB-034	48"	SB-074	192"
SB-002	96"	SB-035A	144"	SB-075	192"
SB-003	96"	SB-035B	162"	SB-076	192"
SB-004A	18"	SB-036	96"	SB-077	192"
SB-004B	15"	SB-037	192"	SB-078	192"
SB-004C	15"	SB-038	60"	SB-079	240"
SB-005	192"	SB-039	96"	SB-080	192"
SB-006	144"	SB-040	96"	SB-081	192"
SB-007	180"	SB-041	120"	SB-082	192"
SB-008	192"	SB-042	144"	SB-083	96"
SB-009A	96"	SB-043	92"	SB-084	96"
SB-009B	96"	SB-044	144"	SB-085A	132"
SB-009C	72"	SB-045	232"	SB-085B	168"
SB-009D	72"	SB-046	144"	SB-086	180"
SB-009E	72"	SB-047	134"	SB-087	180"
SB-010A	120"	SB-048	120"	SB-088	192"
SB-010B	144"	SB-049A	156"	SB-089	192"
SB-011	96"	SB-049B	240"	SB-090A	168"
SB-012	180"	SB-050	156"	SB-090B	120"
SB-013	144"	SB-051	96"	SB-091	192"
SB-014	180"	SB-052	60"	SB-092	192"
SB-015	192"	SB-053	60"	SB-093	192"
SB-016	192"	SB-054	117"	SB-094	96"
SB-017A	60"	SB-055	96"	SB-095	96"
SB-017B	196"	SB-056	96"	SB-096	84"
SB-018	96"	SB-057	96"	SB-097	192"
SB-019	192"	SB-058	60"	SB-098	144"
SB-020	90"	SB-059	144"	SB-099	84"
SB-021	96"	SB-060	60"	SB-100	96"
SB-022	96"	SB-061	60"	SB101A	48"
SB-023A	96"	SB-062	60"	SB101B	48"
SB-023B	192"	SB-063	192"	SB-102	96"
SB-024	144"	SB-064	132"	SB-103	144"
SB-025	60"	SB-065	144"	SB-104	96"
SB-026	60"	SB-066	112"	SB-105	96"
SB-027	48"	SB-067	96"	SB-106	72"
SB-028	48"	SB-068	96"	SB-107	96"
SB-029	60"	SB-069	192"	SB-108	96"
SB-030A	48"	SB-070	96"	SB-109	96"
SB-030B	48"	SB-071A	192"	SG-001	60"
SB-031	48"	SB-071B	48"		

**Soil vapor volatile organic
compound data**

Volatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	BK-001 48 - 60 in. 07/12/99 BK	BK-002 48 - 60 in. 07/12/99 BK	SB-001 48 - 60 in. 07/07/99 AT	SB-002 48 - 60 in. 07/07/99 AT	SB-002 (Dup) 48 - 60 in. 07/07/99 AT	SB-003 48 - 60 in. 07/07/99 AT	SB-005 48 - 60 in. 07/07/99 AT	SB-006 48 - 60 in. 07/08/99 AT	SB-007 48 - 60 in. 07/08/99 AT
	Units	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	Area 1C ug/m3	ug/m3	ug/m3	ug/m3
Benzene		501.57 U	501.57 U	501.57 U	501.57 U	501.57 U	501.57 U	501.57 U	501.57 U	501.57 U
Ethylbenzene		499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U
Tetrachloroethene		501.9 U	501.9 U	25094.93	4510.3	4381.44	35268.55	10851.86	5676.88	400.16
Toluene		497.44 U	497.44 U	497.44 U	497.44 U	497.44 U	497.44 U	497.44 U	497.44 U	497.44 U
Trichloroethene		499.58 U	499.58 U	499.58 U	499.58 U	499.58 U	2669.77	499.58 U	359.91	499.58 U
cis-1,2-Dichloroethene		499.57 U	499.57 U	499.57 U	499.57 U	499.57 U	499.57 U	499.57 U	499.57 U	499.57 U
o-Xylene		499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U
trans-1,2-Dichloroethene		515.43 U	515.43 U	515.43 U	515.43 U	515.43 U	515.43 U	515.43 U	515.43 U	515.43 U
Total VOCs		---	---	25094.93	4510.3	4381.44	37938.32	10851.86	6036.79	400.16

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Vapor

Volatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-008 48 - 60 in. 07/08/99 AT ug/m3	SB-009 48 - 60 in. 07/08/99 AT Area 1B ug/m3	SB-010 48 - 60 in. 07/08/99 AT ug/m3	SB-010B 48 - 60 in. 07/09/99 AT ug/m3	SB-011 48 - 60 in. 07/08/99 AT ug/m3	SB-012 48 - 60 in. 07/09/99 AT ug/m3	SB-013 48 - 60 in. 07/09/99 AT ug/m3	SB-014 48 - 60 in. 07/09/99 AT ug/m3	SB-015 48 - 60 in. 07/10/99 MD ug/m3
Benzene		501.57 U	501.57 U	501.57 U	501.57 U	501.57 U	501.57 U	501.57 U	501.57 U	501.57 U
Ethylbenzene		499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U
Tetrachloroethene		183.13	3058.87	13564.83	1776.99	4069.45	6782.41	501.9 U	250.95	27129.65
Toluene		497.44 U	497.44 U	497.44 U	497.44 U	497.44 U	497.44 U	497.44 U	497.44 U	497.44 U
Trichloroethene		499.58 U	499.58 U	499.58 U	499.58 U	456.6	300.82	499.58 U	499.58 U	22024.29
cis-1,2-Dichloroethene		499.57 U	499.57 U	499.57 U	499.57 U	499.57 U	499.57 U	499.57 U	499.57 U	499.57 U
o-Xylene		499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	5645.03	7816.2	499.37 U
trans-1,2-Dichloroethene		515.43 U	515.43 U	515.43 U	515.43 U	515.43 U	515.43 U	515.43 U	515.43 U	515.43 U
Total VOCs		183.13	3058.87	13564.83	1776.99	4526.05	7083.23	5645.03	8067.15	49153.94

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Volatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-016 48 - 60 in. 07/10/99 MD	ug/m3	SB-016 (Dup) 48 - 60 in. 07/10/99 MD	ug/m3	SB-017A 48 - 60 in. 07/10/99 MD	ug/m3	SB-017A (Dup) 48 - 60 in. 07/10/99 MD	ug/m3	SB-018 48 - 60 in. 07/10/99 GD	ug/m3	SB-019 48 - 60 in. 07/10/99 GD	ug/m3	SB-020 48 - 60 in. 07/11/99 GD	ug/m3	SB-021 48 - 60 in. 07/11/99 GD	ug/m3	SB-022 48 - 60 in. 07/11/99 GD	ug/m3
Benzene		501.57 U		501.57 U		501.57 U		501.57 U		501.57 U		501.57 U		501.57 U		501.57 U		501.57 U	
Ethylbenzene		499.37 U		499.37 U		499.37 U		499.37 U		499.37 U		499.37 U		499.37 U		499.37 U		499.37 U	
Tetrachloroethene		21703.72		25094.93		56294.03		71215.34		37981.51		4083.01		189.91		501.9 U		501.9 U	
Toluene		497.44 U		497.44 U		497.44 U		497.44 U		497.44 U		497.44 U		497.44 U		497.44 U		497.44 U	
Trichloroethene		15040.98		16115.34		141814.97		172434.11		564.04		166.53		499.58 U		499.58 U		499.58 U	
cis-1,2-Dichloroethene		499.57 U		499.57 U		499.57 U		499.57 U		499.57 U		499.57 U		499.57 U		499.57 U		499.57 U	
o-Xylene		499.37 U		499.37 U		499.37 U		499.37 U		499.37 U		499.37 U		499.37 U		499.37 U		499.37 U	
trans-1,2-Dichloroethene		515.43 U		515.43 U		515.43 U		515.43 U		515.43 U		515.43 U		515.43 U		515.43 U		515.43 U	
Total VOCs		36744.7		41210.27		198109		243649.45		38545.55		4249.54		189.91		---		---	

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Vapor

Volatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area Units	SB-023B 48 - 60 in. 07/11/99 GD ug/m3	SB-024 48 - 60 in. 07/11/99 GD Area 3C ug/m3	SB-025 48 - 60 in. 07/11/99 GD Area 3A ug/m3	SB-026 48 - 60 in. 07/11/99 GD Area 3A ug/m3	SB-029 48 - 60 in. 07/12/99 GC Area 3A ug/m3	SB-032 48 - 60 in. 07/12/99 GC Area 2 ug/m3	SB-035A 48 - 60 in. 07/11/99 GD ug/m3	SB-036 48 - 60 in. 07/11/99 GD Area 3A ug/m3	SB-037 48 - 60 in. 07/13/99 GD ug/m3
Benzene		501.57 U	501.57 U	501.57 U	501.57 U	501.57 U	501.57 U	501.57 U	501.57 U	501.57 U
Ethylbenzene		499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U
Tetrachloroethene		16277.79	840340.98	1932.99	12208.34	406.94	3730.33	40016.24	17634.27	172273.29
Toluene		497.44 U	497.44 U	497.44 U	497.44 U	497.44 U	497.44 U	497.44 U	497.44 U	497.44 U
Trichloroethene		188.01	5371.78	499.58 U	768.16	499.58 U	499.58 U	284.7	499.58 U	891.72
cis-1,2-Dichloroethene		499.57 U	499.57 U	499.57 U	971.38	499.57 U	499.57 U	499.57 U	499.57 U	499.57 U
o-Xylene		499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U
trans-1,2-Dichloroethene		515.43 U	515.43 U	515.43 U	118.94	515.43 U	515.43 U	515.43 U	515.43 U	515.43 U
Total VOCs		16465.8	845712.76	1932.99	14066.82	406.94	3730.33	40300.94	17634.27	173165.01

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Vapor

Volatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-037 (Dup) 48 - 60 in. 07/13/99 GD	SB-038 48 - 60 in. 07/13/99 GD	SB-039 48 - 60 in. 07/13/99 GD	SB-040 48 - 60 in. 07/13/99 GD	SB-041 48 - 60 in. 07/13/99 GD	SB-042 48 - 60 in. 07/13/99 GD	SB-043 48 - 60 in. 07/13/99 GD	SB-044 48 - 60 in. 07/13/99 GD	SB-045 48 - 60 in. 07/14/99 GD
	Units	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	Area 3C ug/m3
Benzene		501.57 U	501.57 U	501.57 U	501.57 U	501.57 U	501.57 U	501.57 U	501.57 U	501.57 U
Ethylbenzene		499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U
Tetrachloroethene		183803.39	501.9 U	535.81	10851.86	150569.57	25094.93	48155.13	187872.84	661963.52
Toluene		497.44 U	497.44 U	497.44 U	497.44 U	497.44 U	497.44 U	497.44 U	497.44 U	497.44 U
Trichloroethene		913.2	499.58 U	499.58 U	499.58 U	499.58 U	209.5	499.58 U	1052.87	3346.62
cis-1,2-Dichloroethene		499.57 U	499.57 U	499.57 U	499.57 U	499.57 U	499.57 U	499.57 U	499.57 U	499.57 U
o-Xylene		499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U
trans-1,2-Dichloroethene		515.43 U	515.43 U	515.43 U	515.43 U	515.43 U	515.43 U	515.43 U	515.43 U	515.43 U
Total VOCs		184716.59	---	535.81	10851.86	150569.57	25304.43	48155.13	188925.71	665310.14

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Vapor

Volatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area Units	SB-045 (Dup) 48 - 60 in. 07/14/99 GD Area 3C ug/m3	SB-046 48 - 60 in. 07/14/99 GD ug/m3	SB-047 48 - 60 in. 07/14/99 GD Area 3C ug/m3	SB-048 48 - 60 in. 07/14/99 GD ug/m3	SB-049 48 - 60 in. 07/14/99 GD ug/m3	SB-050 48 - 60 in. 07/14/99 GD ug/m3	SB-051 48 - 60 in. 07/15/99 GD ug/m3	SB-052 48 - 60 in. 07/15/99 GD ug/m3	SB-053 48 - 60 in. 07/15/99 GD ug/m3
Benzene		501.57 U	501.57 U	501.57 U	501.57 U	501.57 U	501.57 U	501.57 U	501.57 U	501.57 U
Ethylbenzene		499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U
Tetrachloroethene		520211.08	325555.83	1244572.8	502576.81	1440584.54	572435.66	28486.13	50189.86	94953.78
Toluene		497.44 U	497.44 U	497.44 U	497.44 U	497.44 U	497.44 U	497.44 U	497.44 U	497.44 U
Trichloroethene		2685.89	633.87	1810.29	1074.36	4737.91	1536.33	349.17	1224.77	4018.09
cis-1,2-Dichloroethene		499.57 U	499.57 U	499.57 U	499.57 U	499.57 U	499.57 U	499.57 U	499.57 U	559.04
o-Xylene		499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U
trans-1,2-Dichloroethene		515.43 U	515.43 U	515.43 U	515.43 U	515.43 U	515.43 U	515.43 U	515.43 U	134.8
Total VOCs		522896.97	326189.7	1246383.09	503651.17	1445322.45	573971.99	28835.3	51414.63	99665.71

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY

Soil Vapor

Volatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property *	SB-054 48 - 60 in. 07/15/99 GD	SB-054 (Dup) 48 - 60 in. 07/15/99 GD	SB-055 48 - 60 in. 07/15/99 GD	SB-056 48 - 60 in. 07/15/99 GD	SB-057 48 - 60 in. 07/15/99 GD	SB-058 48 - 60 in. 07/15/99 GD	SB-059 48 - 60 in. 07/16/99 GD	SB-059 (Dup) 48 - 60 in. 07/16/99 GD	SB-060 48 - 60 in. 07/16/99 GD
	Excavation Area Units	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	Area 3A ug/m3	ug/m3	ug/m3	Area 3A ug/m3
Benzene		501.57 U	501.57 U	501.57 U	501.57 U	501.57 U	501.57 U	501.57 U	501.57 U	501.57 U
Ethylbenzene		499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U
Tetrachloroethene		359467.89	359467.89	38659.75	71215.34	52224.58	18312.52	134291.78	132257.06	46120.41
Toluene		497.44 U	497.44 U	497.44 U	497.44 U	497.44 U	497.44 U	497.44 U	497.44 U	497.44 U
Trichloroethene		8594.85	8594.85	1633.02	553.29	499.58 U	499.58 U	472.72	467.34	499.58 U
cis-1,2-Dichloroethene		1526.46	1526.46	499.57 U	499.57 U	499.57 U	499.57 U	499.57 U	499.57 U	499.57 U
o-Xylene		499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U
trans-1,2-Dichloroethene		483.71	202.21	515.43 U	515.43 U	515.43 U	515.43 U	515.43 U	515.43 U	515.43 U
Total VOCs		370072.91	369791.41	40292.77	71768.63	52224.58	18312.52	134764.5	132724.4	46120.41

NOTES: U - not detected, J - estimated value, ---- - not detected/analyzed.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Vapor

Volatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-061 48 - 60 in. 07/16/99 GD	SB-062 48 - 60 in. 07/16/99 GD	SB-063 48 - 60 in. 07/19/99 MD	SB-064 48 - 60 in. 07/19/99 MD	SB-064 (Dup) 48 - 60 in. 07/19/99 MD	SB-065 48 - 60 in. 07/19/99 MD	SB-066 48 - 60 in. 07/19/99 MD	SB-067 48 - 60 in. 07/19/99 MD	SB-068 48 - 60 in. 07/19/99 MD
	Units	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
Benzene		501.57 U	501.57 U	501.57 U	501.57 U	501.57 U	501.57 U	501.57 U	501.57 U	501.57 U
Ethylbenzene		499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U
Tetrachloroethene		128187.61	4659.52	15599.55	172273.29	167525.6	3153.82	189907.57	850514.6	10173.62
Toluene		497.44 U	497.44 U	497.44 U	497.44 U	497.44 U	497.44 U	497.44 U	497.44 U	497.44 U
Trichloroethene		499.58 U	499.58 U	1074.36	5371.78	5371.78	499.58 U	5908.96	11280.74	499.58 U
cis-1,2-Dichloroethene		499.57 U	499.57 U	499.57 U	3516.8	3584.2	499.57 U	2993.44	2735.73	499.57 U
o-Xylene		499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U
trans-1,2-Dichloroethene		---	515.43 U	515.43 U	130.84	142.73	515.43 U	138.77	138.77	515.43 U
Total VOCs		128187.61	4659.52	16673.91	181292.71	176624.31	3153.82	198948.74	864669.84	10173.62

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Vapor

Volatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-069 48 - 60 in. 07/19/99 MD	SB-070 48 - 60 in. 07/20/99 MD	SB-071 48 - 60 in. 07/20/99 MD	SB-072 48 - 60 in. 07/20/99 MD	SB-072 (Dup) 48 - 60 in. 07/20/99 MD	SB-073 48 - 60 in. 07/20/99 MD	SB-074 48 - 60 in. 07/20/99 MD	SB-075 48 - 60 in. 07/20/99 MD	SB-076 48 - 60 in. 07/20/99 MD
	Units	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
Benzene		501.57 U	501.57 U	501.57 U	501.57 U	501.57 U	501.57 U	501.57 U	501.57 U	501.57 U
Ethylbenzene		499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U
Tetrachloroethene		8138.9	8138.9	13564.83	13564.83	13564.83	16277.79	127509.37	110553.33	244845.11
Toluene		497.44 U	497.44 U	497.44 U	497.44 U	497.44 U	497.44 U	497.44 U	497.44 U	497.44 U
Trichloroethene		1509.47	499.58 U	295.45	499.58 U	499.58 U	252.47	4238.33	789.65	2164.83
cis-1,2-Dichloroethene		499.57 U	499.57 U	499.57 U	499.57 U	499.57 U	499.57 U	3013.27	499.57 U	499.57 U
o-Xylene		499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U
trans-1,2-Dichloroethene		515.43 U	515.43 U	515.43 U	515.43 U	515.43 U	515.43 U	337.01	515.43 U	515.43 U
Total VOCs		9648.37	8138.9	13860.28	13564.83	13564.83	16530.26	135097.98	111342.98	247009.94

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

**GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Vapor**

Volatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-077 48 - 60 in. 07/20/99 MD	ug/m3	SB-078 48 - 60 in. 07/21/99 MD	ug/m3	SB-079 48 - 60 in. 07/21/99 MD	ug/m3	SB-079 (Dup) 48 - 60 in. 07/21/99 MD	ug/m3	SB-080 48 - 60 in. 07/21/99 MD	ug/m3	SB-081 48 - 60 in. 07/21/99 MD	ug/m3	SB-082 48 - 60 in. 07/21/99 MD	ug/m3	SB-083 48 - 60 in. 07/21/99 MD	ug/m3	SB-084 48 - 60 in. 07/21/99 MD	ug/m3
Benzene		501.57 U		501.57 U		501.57 U		501.57 U		501.57 U		501.57 U		501.57 U		501.57 U		501.57 U	
Ethylbenzene		499.37 U		499.37 U		499.37 U		499.37 U		499.37 U		499.37 U		499.37 U		499.37 U		499.37 U	
Tetrachloroethene		12886.58		38659.75		27807.89		27807.89		25094.93		17634.27		95632.02		24416.69		27807.89	
Toluene		497.44 U		497.44 U		497.44 U		497.44 U		497.44 U		497.44 U		497.44 U		497.44 U		497.44 U	
Trichloroethene		5371.78		39213.99		13966.63		13429.45		5908.96		12355.09		60163.93		499.58 U		499.58 U	
cis-1,2-Dichloroethene		499.57 U		499.57 U		499.57 U		499.57 U		499.57 U		499.57 U		499.57 U		499.57 U		499.57 U	
o-Xylene		499.37 U		499.37 U		499.37 U		499.37 U		499.37 U		499.37 U		499.37 U		499.37 U		499.37 U	
trans-1,2-Dichloroethene		515.43 U		515.43 U		515.43 U		515.43 U		515.43 U		515.43 U		515.43 U		515.43 U		515.43 U	
Total VOCs		18258.36		77873.74		41774.52		41237.34		31003.89		29989.36		155795.95		24416.69		27807.89	

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Table 2
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Vapor

Volatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-085 48 - 60 in. 07/21/99 MD	SB-086 48 - 60 in. 07/21/99 MD	SB-087 48 - 60 in. 07/21/99 MD	SB-088 48 - 60 in. 07/22/99 MD	SB-089 48 - 60 in. 07/22/99 MD	SB-090 48 - 60 in. 07/22/99 MD	SB-091 48 - 60 in. 07/22/99 MD	SB-092 48 - 60 in. 07/23/99 MD	SB-092 (Dup) 48 - 60 in. 07/23/99 MD
	Units	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
Benzene		501.57 U	501.57 U	501.57 U	501.57 U	501.57 U	501.57 U	501.57 U	501.57 U	501.57 U
Ethylbenzene		499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U
Tetrachloroethene		83423.68	4055.88	949.54	1234.4	5853.22	2590.88	3262.34	4930.81	4639.17
Toluene		497.44 U	497.44 U	497.44 U	497.44 U	497.44 U	497.44 U	497.44 U	497.44 U	497.44 U
Trichloroethene		778.91	757.42	499.58 U	499.58 U	499.58 U	499.58 U	499.58 U	977.66	977.66
cis-1,2-Dichloroethene		1403.55	499.57 U	499.57 U	499.57 U	499.57 U	499.57 U	499.57 U	499.57 U	499.57 U
o-Xylene		499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U
trans-1,2-Dichloroethene		170.49	515.43 U	515.43 U	515.43 U	515.43 U	515.43 U	515.43 U	515.43 U	515.43 U
Total VOCs		85776.63	4813.3	949.54	1234.4	5853.22	2590.88	3262.34	5908.47	5616.83

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Vapor

Volatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-093 48 - 60 in. 07/23/99 MD	SB-094 48 - 60 in. 07/23/99 MD	SB-095 48 - 60 in. 07/23/99 MD	SB-096 48 - 60 in. 07/23/99 MD	SG-001 48 - 60 in. 07/09/99 AT	SG-002 (Manhole) 48 - 60 in. 07/19/99	Well A 48 - 60 in. 07/15/99	Well B 48 - 60 in. 07/15/99
		ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
Benzene		501.57 U	501.57 U	501.57 U	501.57 U	501.57 U	501.57 U	501.57 U	501.57 U
Ethylbenzene		499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U
Tetrachloroethene		7460.65	73928.3	149213.09	101736.2	434.07	1220.83	37981.51	5168.2
Toluene		497.44 U	497.44 U	497.44 U	497.44 U	497.44 U	497.44 U	497.44 U	497.44 U
Trichloroethene		2100.37	386.77	499.58 U	945.43	499.58 U	499.58 U	499.58 U	499.58 U
cis-1,2-Dichloroethene		499.57 U	499.57 U	499.57 U	590.76	499.57 U	499.57 U	499.57 U	499.57 U
o-Xylene		499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U	499.37 U
trans-1,2-Dichloroethene		515.43 U	515.43 U	515.43 U	146.7	515.43 U	515.43 U	515.43 U	515.43 U
Total VOCs		9561.02	74315.07	149213.09	103419.09	434.07	1220.83	37981.51	5168.2

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

**Downhole radiation field screening
alpha/beta data**



Table 3a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Downhole Radiation Field Screening

Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	BK-001 07/12/99 BK c/min	BK-002 07/12/99 BK c/min	SB-009C 07/09/99 AT Area 1B c/min	SB-009D 07/09/99 AT Area 1B c/min	SB-009E 07/09/99 AT Area 1B c/min	SB-010B 07/09/99 AT c/min
0 in.		22	22	78	909	42	12
6 in.		---	---	---	---	---	---
12 in.		23	20	489	22422	271	30
18 in.		---	---	375	55548	---	156
24 in.		19	18	238	7064	210	57
30 in.		---	---	---	---	---	---
36 in.		14	20	56	395	93	31
42 in.		---	---	---	---	---	---
48 in.		11	23	25	321	15	43
54 in.		---	---	---	---	---	---
60 in.		17	16	18	51	---	25
66 in.		---	---	---	---	---	---
72 in.		11	17	32	42	---	23
78 in.		---	---	---	---	---	---
80 in.		---	---	---	---	---	---
84 in.		---	16	---	---	---	20
90 in.		---	---	---	---	---	---
96 in.		---	---	---	---	---	26
102 in.		---	---	---	---	---	---
108 in.		---	---	---	---	---	22
114 in.		---	---	---	---	---	---
120 in.		---	---	---	---	---	25
126 in.		---	---	---	---	---	---
132 in.		---	---	---	---	---	15 (15)
138 in.		---	---	---	---	---	---
144 in.		---	---	---	---	---	---
150 in.		---	---	---	---	---	---
156 in.		---	---	---	---	---	---
168 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
BK - Background, DPW - Department of Public Works.



Table 3a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Downhole Radiation Field Screening
Alpha/Beta Data

Sample ID Sample Date Property * Excavation Area Units	SB-012 07/09/99 AT c/min	SB-013 07/09/99 AT c/min	SB-014 07/09/99 AT c/min	SB-015 07/10/99 MD c/min	SB-016 07/10/99 MD c/min	SB-017A 07/10/99 MD c/min
Depth						
0 in.	15	19	25	17	27	33
6 in.	---	---	---	---	---	---
12 in.	23	29	24	76	37	55
18 in.	---	---	---	---	---	---
24 in.	31	25	18	177	80	68
30 in.	---	---	---	---	---	---
36 in.	37	23	26	80	53	119
42 in.	---	---	---	---	---	---
48 in.	---	16	21	92	45	176
54 in.	---	---	---	---	---	356
60 in.	---	19	17	135	59	---
66 in.	---	---	---	---	---	---
72 in.	---	8 (16)	19	106	62	---
78 in.	---	---	---	---	---	---
80 in.	---	---	---	---	---	---
84 in.	---	22	18	55	45	---
90 in.	---	---	---	---	---	---
96 in.	---	25 (27)	20	123	45	---
102 in.	---	---	---	---	---	---
108 in.	---	45	16	77	31	---
114 in.	---	---	---	---	---	---
120 in.	---	25	17	66	45	---
126 in.	---	---	---	---	---	---
132 in.	---	17	22	52	27	---
138 in.	---	---	---	---	---	---
144 in.	---	12	16	49	26	---
150 in.	---	---	---	---	---	---
156 in.	---	---	13	51	30	---
168 in.	---	---	---	71	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
BK - Background, DPW - Department of Public Works.

Table 3a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Downhole Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-017B 07/10/99 MD c/min	SB-018 07/10/99 GD c/min	SB-019 07/10/99 GD c/min	SB-020 07/11/99 GD c/min	SB-021 07/11/99 GD c/min	SB-022 07/11/99 GD c/min
0 in.		21	25	19	10	17	15
6 in.		---	---	---	---	---	---
12 in.		60	84	33	34	18	25
18 in.		---	---	---	---	---	---
24 in.		75	85	23	33	19	19
30 in.		---	---	---	---	---	---
36 in.		132	43	27	24	15	23
42 in.		---	88	---	---	---	---
48 in.		859	117	19	24	22	27
54 in.		---	53	---	---	---	---
60 in.		253	72	---	11	19	29
66 in.		---	---	---	---	---	---
72 in.		127	81	---	21	13	27
78 in.		---	---	---	---	---	---
80 in.		---	---	---	---	---	---
84 in.		80	69	---	17	32	27
90 in.		---	---	---	---	---	---
96 in.		87	---	---	---	22	12
102 in.		---	---	---	---	---	---
108 in.		160	---	---	---	---	---
114 in.		---	---	---	---	---	---
120 in.		66	---	---	---	---	---
126 in.		---	---	---	---	---	---
132 in.		74	---	---	---	---	---
138 in.		---	---	---	---	---	---
144 in.		43	---	---	---	---	---
150 in.		---	---	---	---	---	---
156 in.		31	---	---	---	---	---
168 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 3a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Downhole Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-023A 07/11/99 GD c/min	SB-023B 07/11/99 GD c/min	SB-024 07/11/99 GD Area 3C c/min	SB-025 07/11/99 GD Area 3A c/min	SB-026 07/11/99 GD Area 3A c/min	SB-027 07/12/99 GC Area 3A c/min
0 in.		15	52	46	40	28	21
6 in.		---	---	---	744	---	---
12 in.		51	57	84	570	229	26
18 in.		---	---	---	81	---	---
24 in.		92	197	36	33	211	36
30 in.		---	---	---	---	---	---
36 in.		64	154	47	34	75	31
42 in.		---	---	---	---	---	---
48 in.		55	79	171	---	49	17
54 in.		---	---	690	---	---	---
60 in.		30	46	471	---	---	---
66 in.		---	---	1794	---	---	---
72 in.		40	69	24370	---	---	---
78 in.		---	---	11091	---	---	---
80 in.		---	---	---	---	---	---
84 in.		72	62	3282	---	---	---
90 in.		---	---	1834	---	---	---
96 in.		67	46	1054	---	---	---
102 in.		---	---	---	---	---	---
108 in.		---	56	573	---	---	---
114 in.		---	---	---	---	---	---
120 in.		---	105	229	---	---	---
126 in.		---	434	---	---	---	---
132 in.		---	1890	245	---	---	---
138 in.		---	584	---	---	---	---
144 in.		---	1185	79	---	---	---
150 in.		---	---	---	---	---	---
156 in.		---	193	---	---	---	---
168 in.		---	201	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.



Table 3a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Downhole Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-028 07/12/99 GC Area 3A c/min	SB-029 07/12/99 GC Area 3A c/min	SB-030A 07/12/99 GC Area 2 c/min	SB-030B 07/12/99 GC Area 2 c/min	SB-031 07/12/99 GC Area 2 c/min	SB-032 07/12/99 GC Area 2 c/min
0 in.		29	28	20	25	24	34
6 in.		---	---	---	---	---	---
12 in.		25	21	27	21	40	97
18 in.		---	---	---	---	---	---
24 in.		30	35	39	28	27	50
30 in.		---	---	---	---	---	---
36 in.		26	22	---	24	13	20
42 in.		---	---	---	---	---	---
48 in.		16	23	---	12	16	21
54 in.		---	---	---	---	---	---
60 in.		---	---	---	---	---	---
66 in.		---	---	---	---	---	---
72 in.		---	---	---	---	---	---
78 in.		---	---	---	---	---	---
80 in.		---	---	---	---	---	---
84 in.		---	---	---	---	---	---
90 in.		---	---	---	---	---	---
96 in.		---	---	---	---	---	---
102 in.		---	---	---	---	---	---
108 in.		---	---	---	---	---	---
114 in.		---	---	---	---	---	---
120 in.		---	---	---	---	---	---
126 in.		---	---	---	---	---	---
132 in.		---	---	---	---	---	---
138 in.		---	---	---	---	---	---
144 in.		---	---	---	---	---	---
150 in.		---	---	---	---	---	---
156 in.		---	---	---	---	---	---
168 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
BK - Background, DPW - Department of Public Works.

Table 3a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Downhole Radiation Field Screening

Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-033 07/12/99 GC Area 2 c/min	SB-034 07/12/99 GC Area 2 c/min	SB-035A 07/12/99 GD c/min	SB-035B 07/12/99 GD c/min	SB-036 07/12/99 GD Area 3A c/min	SB-037 07/13/99 GD c/min
0 in.		41	25	11	23	37	21
6 in.		---	---	---	---	319	40
12 in.		44	46	15	56	120	170
18 in.		---	---	---	---	108	92
24 in.		32	30	39	28	65	54
30 in.		---	---	---	---	---	---
36 in.		31	35	30	22	29	46
42 in.		---	---	---	---	---	---
48 in.		35	28	56	69	16	60
54 in.		---	---	42	---	---	---
60 in.		---	---	---	40	21	35
66 in.		---	---	---	---	---	---
72 in.		---	---	---	23	15	29
78 in.		---	---	---	---	---	---
80 in.		---	---	---	---	---	---
84 in.		---	---	---	26	12	24
90 in.		---	---	---	---	---	---
96 in.		---	---	---	22	---	30
102 in.		---	---	---	---	---	---
108 in.		---	---	---	17	---	31
114 in.		---	---	---	---	---	---
120 in.		---	---	---	17	---	15
126 in.		---	---	---	---	---	---
132 in.		---	---	---	13	---	23
138 in.		---	---	---	---	---	---
144 in.		---	---	---	---	---	24
150 in.		---	---	---	---	---	---
156 in.		---	---	---	---	---	---
168 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.



Table 3a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Downhole Radiation Field Screening

Alpha/Beta Data

Sample ID Sample Date Property * Excavation Area Units	SB-038 07/13/99 GD Area 3A c/min	SB-039 07/13/99 GD c/min	SB-040 07/13/99 GD c/min	SB-041 07/13/99 GD c/min	SB-042 07/13/99 GD c/min	SB-043 07/13/99 GD c/min
Depth						
0 in.	78	24	33	39	26	26
6 in.	364	---	79	302	48	16
12 in.	167	31	107	831	109	65
18 in.	87	---	133	324	---	74
24 in.	53	26	149	196	52	183
30 in.	---	---	120	34	---	---
36 in.	41	32	47	58	103	61
42 in.	---	---	---	---	---	---
48 in.	21	21	18	33	36	24
54 in.	---	---	37	---	---	---
60 in.	14	21	---	47	35	15
66 in.	---	---	---	---	---	---
72 in.	---	21	---	42	31	24
78 in.	---	---	---	---	---	---
80 in.	---	---	---	---	---	---
84 in.	---	17	---	40	34	---
90 in.	---	---	---	---	---	---
96 in.	---	---	---	27	17	---
102 in.	---	---	---	---	---	---
108 in.	---	---	---	25	17	---
114 in.	---	---	---	---	11	---
120 in.	---	---	---	35	---	---
126 in.	---	---	---	---	---	---
132 in.	---	---	---	---	---	---
138 in.	---	---	---	---	---	---
144 in.	---	---	---	---	---	---
150 in.	---	---	---	---	---	---
156 in.	---	---	---	---	---	---
168 in.	---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
BK - Background, DPW - Department of Public Works.

Table 3a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Downhole Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-044 07/13/99 GD c/min	SB-045 07/14/99 GD Area 3C c/min	SB-046 07/14/99 GD c/min	SB-047 07/14/99 GD Area 3C c/min	SB-048 07/14/99 GD c/min	SB-049 07/14/99 GD c/min
0 in.		14	78	23	25	25	35
6 in.		40	229	---	53	---	---
12 in.		53	115	39	149	22	34
18 in.		36	92	---	323	---	47
24 in.		38	62	26	333	42	37
30 in.		---	---	21	972	---	51
36 in.		24	49	23	542	65	165
42 in.		---	---	---	125	---	55
48 in.		22	132	36	106	39	65
54 in.		---	---	---	---	---	---
60 in.		16	581	30	148	32	50
66 in.		---	---	---	---	---	---
72 in.		34	1917	22	872	50	113
78 in.		---	10976	---	423	---	---
80 in.		---	---	---	---	---	---
84 in.		40	31174	138	140	22	54
90 in.		---	73150	---	237	---	---
96 in.		36	25100	43	260	38	50
102 in.		---	14440	---	73	---	---
108 in.		20	980	52	130	22	38
114 in.		---	309	---	59	---	---
120 in.		23	202	33	---	33	100
126 in.		---	257	---	---	---	---
132 in.		19	232	37	---	---	52
138 in.		---	329	---	---	---	---
144 in.		NL	366	67	---	---	78
150 in.		---	---	---	---	---	---
156 in.		---	---	---	---	---	212
168 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.



Table 3a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Downhole Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-049B 07/15/99 GD c/min	SB-050 07/14/99 GD c/min	SB-051 07/15/99 GD c/min	SB-052 07/15/99 GD c/min	SB-053 07/15/99 GD c/min	SB-054 07/15/99 GD c/min
0 in.		---	24	23	18	16	13
6 in.		---	49	---	---	---	---
12 in.		97	43	115	86	25	46
18 in.		---	82	160	---	---	---
24 in.		123	46	259	234	38	44
30 in.		---	56	102	---	---	---
36 in.		129	99	142	78	48	141
42 in.		---	---	---	---	---	---
48 in.		171	70	168	52	19	174
54 in.		---	---	---	---	---	---
60 in.		192	104	108	---	---	408
66 in.		---	---	---	---	---	---
72 in.		202	80	16	---	---	263
78 in.		---	---	---	---	---	---
80 in.		---	---	---	---	---	---
84 in.		157	114	26	---	---	266
90 in.		---	---	---	---	---	302
96 in.		165	69	35	---	---	179
102 in.		---	---	---	---	---	---
108 in.		163	45	---	---	---	105
114 in.		---	---	---	---	---	---
120 in.		157	36	---	---	---	---
126 in.		---	---	---	---	---	---
132 in.		127	71	---	---	---	---
138 in.		---	---	---	---	---	---
144 in.		186	60	---	---	---	---
150 in.		---	79	---	---	---	---
156 in.		158	---	---	---	---	---
168 in.		152	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
BK - Background, DPW - Department of Public Works.



Table 3a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Downhole Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-055 07/15/99 GD c/min	SB-056 07/15/99 GD c/min	SB-057 07/15/99 GD c/min	SB-058 07/15/99 GD Area 3A c/min	SB-059 07/16/99 GD c/min	SB-060 07/16/99 GD Area 3A c/min
0 in.		29	26	22	17	32	24
6 in.		---	---	---	---	---	---
12 in.		38	21	29	291	54	173
18 in.		---	---	---	---	---	---
24 in.		26	45	36	58	131	45
30 in.		89	---	---	---	---	---
36 in.		252	136	22	39	117	29
42 in.		86	---	---	20	---	---
48 in.		52	47	18	---	50	27
54 in.		---	---	---	---	---	---
60 in.		20	31	9	---	30	---
66 in.		---	---	---	---	---	---
72 in.		28	18	22	---	38	---
78 in.		---	---	---	---	---	---
80 in.		---	---	---	---	---	---
84 in.		19	17	10	---	51	---
90 in.		23	18	---	---	---	---
96 in.		---	---	---	---	51	---
102 in.		---	---	---	---	---	---
108 in.		---	---	---	---	36	---
114 in.		---	---	---	---	---	---
120 in.		---	---	---	---	48	---
126 in.		---	---	---	---	---	---
132 in.		---	---	---	---	19	---
138 in.		---	---	---	---	---	---
144 in.		---	---	---	---	---	---
150 in.		---	---	---	---	---	---
156 in.		---	---	---	---	---	---
168 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
BK - Background, DPW - Department of Public Works.



Table 3a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Downhole Radiation Field Screening
Alpha/Beta Data

Sample ID Sample Date Property * Excavation Area Units	SB-061 07/16/99 GD	SB-062 07/16/99 GD	SB-063 07/19/99 MD	SB-064 07/19/99 MD	SB-065 07/19/99 MD	SB-066 07/19/99 MD
Depth	c/min	c/min	c/min	c/min	c/min	c/min
0 in.	19	16	20	16	14	24
6 in.	---	---	---	---	24	---
12 in.	122	123	55	30	55	38
18 in.	---	---	---	---	38	---
24 in.	39	82	23	48	56	33
30 in.	---	---	---	123	55	---
36 in.	26	40	52	176	66	29
42 in.	24	---	---	124	---	---
48 in.	---	18	21	82	52	15
54 in.	---	---	---	---	---	---
60 in.	---	---	27	65	33	11
66 in.	---	---	---	---	---	---
72 in.	---	---	22	82	30	NL
78 in.	---	---	---	---	---	---
80 in.	---	---	---	---	---	---
84 in.	---	---	NL	57	20	---
90 in.	---	---	---	---	---	---
96 in.	---	---	---	NL	28	---
102 in.	---	---	---	---	---	---
108 in.	---	---	---	---	39	---
114 in.	---	---	---	---	---	---
120 in.	---	---	---	---	NL	---
126 in.	---	---	---	---	---	---
132 in.	---	---	---	---	---	---
138 in.	---	---	---	---	---	---
144 in.	---	---	---	---	---	---
150 in.	---	---	---	---	---	---
156 in.	---	---	---	---	---	---
168 in.	---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
BK - Background, DPW - Department of Public Works.



Table 3a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Downhole Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-067 07/19/99 MD c/min	SB-068 07/19/99 MD c/min	SB-069 07/19/99 MD c/min	SB-070 07/20/99 MD c/min	SB-071 07/20/99 MD c/min	SB-073 07/20/99 MD c/min
0 in.		20	17	17	14	21	22
6 in.		---	---	---	42	---	---
12 in.		94	46	24	85	27	22
18 in.		---	---	---	47	---	---
24 in.		43	49	40	55	84	23
30 in.		---	84	---	---	---	---
36 in.		42	142	49	45	74	29
42 in.		---	---	---	---	---	---
48 in.		17	77	45	47	77	56
54 in.		---	---	---	---	---	---
60 in.		23	23	---	21	46	36
66 in.		---	---	---	---	---	---
72 in.		20	25	---	13	73	25
78 in.		---	---	---	---	---	---
80 in.		---	---	---	---	---	---
84 in.		27	15	---	16	383	17
90 in.		18	---	---	---	---	---
96 in.		NL	NL	---	NL	136	28
102 in.		---	---	---	---	---	---
108 in.		---	---	---	---	287	11
114 in.		---	---	---	---	---	---
120 in.		---	---	---	---	257	16
126 in.		---	---	---	---	---	---
132 in.		---	---	---	---	263	12
138 in.		---	---	---	---	---	---
144 in.		---	---	---	---	243	17
150 in.		---	---	---	---	---	---
156 in.		---	---	---	---	237	---
168 in.		---	---	---	---	122	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
BK - Background, DPW - Department of Public Works.

Table 3a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Downhole Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-074 07/20/99 MD c/min	SB-075 07/20/99 MD c/min	SB-076 07/20/99 MD c/min	SB-077 07/20/99 MD c/min	SB-078 07/21/99 MD c/min	SB-079 07/21/99 MD c/min
0 in.		9	17	7	NL	20	22
6 in.		---	---	---	---	---	---
12 in.		32	27	39	16	55	100
18 in.		---	---	---	---	---	---
24 in.		31	45	32	56	101	64
30 in.		---	---	---	---	---	---
36 in.		160	54	41	105	74	83
42 in.		---	---	---	---	---	---
48 in.		72	75	50	32	89	81
54 in.		---	---	---	---	---	---
60 in.		77	42	81	45	84	41
66 in.		---	---	---	---	---	---
72 in.		71	41	117	47	90	77
78 in.		---	---	---	---	---	---
80 in.		---	---	---	---	---	---
84 in.		46	28	243	84	66	312
90 in.		---	---	---	---	---	---
96 in.		47	34	50	68	79	214
102 in.		---	---	---	---	---	---
108 in.		80	27	123	57	40	390
114 in.		---	---	---	---	---	---
120 in.		87	49	31	NL	32	256
126 in.		---	---	---	---	---	---
132 in.		44	53	17	NL	48	271
138 in.		---	---	---	---	---	---
144 in.		15	39	32	NL	50	311
150 in.		---	---	---	---	---	---
156 in.		---	94	9	NL	38	267
168 in.		---	50	---	---	---	374

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.



Table 3a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Downhole Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-080 07/21/99 MD c/min	SB-081 07/21/99 MD c/min	SB-082 07/21/99 MD c/min	SB-083 07/21/99 MD c/min	SB-084 07/21/99 MD c/min	SB-085B 07/21/99 MD c/min
0 in.		25	27	16	29	26	17
6 in.		---	---	---	---	---	---
12 in.		60, 74	88	52	20	26	25
18 in.		---	---	---	---	---	---
24 in.		43	67	355	20	21	31
30 in.		---	---	---	---	---	---
36 in.		43	78	59	31	29	30
42 in.		---	---	---	---	---	---
48 in.		24	83	88	22	35	27
54 in.		---	---	---	---	---	---
60 in.		19	96	86	11	18	22
66 in.		---	---	---	---	---	---
72 in.		25	92	164	17	13	21
78 in.		---	---	---	---	---	---
80 in.		---	---	---	---	---	---
84 in.		24	98	40	14	28	21
90 in.		---	---	---	---	---	---
96 in.		17, 29	74	80	---	24	19
102 in.		---	---	---	---	---	---
108 in.		31	103	89	---	---	13
114 in.		---	---	---	---	---	---
120 in.		21	120	35	---	---	16
126 in.		---	---	---	---	---	---
132 in.		23	111	48	---	---	NL
138 in.		---	---	---	---	---	---
144 in.		27	88	49	---	---	NL
150 in.		---	---	---	---	---	---
156 in.		18	132	49	---	---	NL
168 in.		---	145	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
BK - Background, DPW - Department of Public Works.



Table 3a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Downhole Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-086 07/21/99 MD c/min	SB-087 07/21/99 MD c/min	SB-088 07/22/99 MD c/min	SB-089 07/22/99 MD c/min	SB-090 07/22/99 MD c/min	SB-090B 07/22/99 MD c/min
0 in.		14	13	16	11	15	17
6 in.		---	---	---	---	---	---
12 in.		49	35	27	25	19	23
18 in.		---	---	---	---	---	---
24 in.		66	50	27	17	18	12
30 in.		---	---	---	---	---	---
36 in.		49	16	24	18	19	22
42 in.		---	---	---	---	---	---
48 in.		55	25	22	26	27	12
54 in.		---	---	---	---	---	---
60 in.		89	22	29	34	19	14
66 in.		---	---	---	---	---	---
72 in.		32	21	39	30	NL	17
78 in.		---	---	---	---	---	---
80 in.		---	---	---	---	---	---
84 in.		135	23	17	24	---	19
90 in.		---	---	---	---	---	---
96 in.		112	21	18	24	---	15
102 in.		---	---	---	---	---	---
108 in.		165	16	23	13	---	17
114 in.		---	---	---	---	---	---
120 in.		58	16	20	20	---	NL
126 in.		---	---	---	---	---	---
132 in.		37	22	24	20	---	---
138 in.		---	---	---	---	---	---
144 in.		32	29	13	23	---	---
150 in.		---	---	---	---	---	---
156 in.		25	12	12	12	---	---
168 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
BK - Background, DPW - Department of Public Works.



Table 3a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Downhole Radiation Field Screening
Alpha/Beta Data

Sample ID Sample Date Property * Excavation Area Units	SB-091 07/22/99 MD	SB-092 07/23/99 MD	SB-093 07/23/99 MD	SB-094 07/23/99 MD	SB-095 07/23/99 MD	SB-096 07/23/99 MD
Depth	c/min	c/min	c/min	c/min	c/min	c/min
0 in.	22	16	20	13	---	19
6 in.	---	---	---	---	---	---
12 in.	25	66	72	79	15	46
18 in.	---	---	---	---	---	---
24 in.	26	57	69	25	44	39
30 in.	---	---	---	---	---	---
36 in.	22	50	86	27	40	14
42 in.	---	---	---	---	---	---
48 in.	18	34	76	21	38	22
54 in.	---	---	---	---	---	---
60 in.	23	36	45	15	NL	30
66 in.	---	---	---	---	---	---
72 in.	23	25	47	17	---	22
78 in.	25	---	---	---	---	---
80 in.	---	---	---	---	---	---
84 in.	NL	27	58	23	---	25
90 in.	---	---	---	22	---	---
96 in.	NL	23	55	---	---	---
102 in.	---	---	---	---	---	---
108 in.	NL	25	56	---	---	---
114 in.	---	---	---	---	---	---
120 in.	NL	33	33	---	---	---
126 in.	---	---	---	---	---	---
132 in.	NL	17	59	---	---	---
138 in.	---	---	---	---	---	---
144 in.	NL	20	49	---	---	---
150 in.	---	---	---	---	---	---
156 in.	---	20	30	---	---	---
168 in.	---	---	---	---	---	---

NOTES: NL - not logged.
* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
BK - Background, DPW - Department of Public Works.



Table 3a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Downhole Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-097 07/23/99 GD c/min	SB-098 08/09/99 MD c/min	SB-099 08/09/99 MD c/min	SB-100 08/09/99 MD c/min	SB-101A 08/09/99 MD c/min	SB-101B 08/09/99 MD c/min
0 in.		17	22	19	17	16	15
6 in.		---	---	---	---	---	---
12 in.		28	185	66	61	85	78
18 in.		---	664	---	237	---	---
24 in.		46	87	46	153	89	27
30 in.		---	---	---	62	---	---
36 in.		46	43	52	45	32	33
42 in.		---	---	---	---	---	---
48 in.		48	25	32	40	20	20
54 in.		---	---	---	---	---	---
60 in.		54	13	102	33	---	---
66 in.		---	---	---	---	---	---
72 in.		56	16	115	15	---	---
78 in.		---	---	---	---	---	---
80 in.		---	---	75	---	---	---
84 in.		34	14	155	26	---	---
90 in.		---	---	---	---	---	---
96 in.		25	19	---	21	---	---
102 in.		---	---	---	---	---	---
108 in.		29	8	---	---	---	---
114 in.		---	---	---	---	---	---
120 in.		44	16	---	---	---	---
126 in.		---	---	---	---	---	---
132 in.		91	NL	---	---	---	---
138 in.		96	---	---	---	---	---
144 in.		131	NL	---	---	---	---
150 in.		---	---	---	---	---	---
156 in.	43 (Cavings)	---	---	---	---	---	---
168 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
BK - Background, DPW - Department of Public Works.



Table 3a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Downhole Radiation Field Screening

Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-102 08/09/99 MD c/min	SB-103 08/09/99 MD c/min	SB-104 08/10/99 MD c/min	SB-105 08/10/99 GD Area 3B c/min	SB-106 08/10/99 GD c/min	SB-107 08/10/99 GD c/min
0 in.		15	15	19	27	39	25
6 in.		---	---	---	---	---	---
12 in.		43	40	48	115	65	44
18 in.		---	---	---	---	---	---
24 in.		135	46	30	232	141	48
30 in.		---	---	---	---	186	---
36 in.		160	34	31	1149	221	27
42 in.		---	---	---	---	---	---
48 in.		82	31	15	2099	58	21
54 in.		---	---	---	---	---	---
60 in.		112	20	18	18413	90	62
66 in.		---	---	---	---	---	---
72 in.		23	24	26	30077	89	31
78 in.		---	---	---	---	---	---
80 in.		---	---	---	---	---	---
84 in.		21	32	31	512	---	89
90 in.		---	---	---	---	---	---
96 in.		15	26	---	151	---	---
102 in.		---	---	---	---	---	---
108 in.		---	30	---	---	---	---
114 in.		---	---	---	---	---	---
120 in.		---	NL	---	---	---	---
126 in.		---	---	---	---	---	---
132 in.		---	NL	---	---	---	---
138 in.		---	---	---	---	---	---
144 in.		---	NL	---	---	---	---
150 in.		---	---	---	---	---	---
156 in.		---	---	---	---	---	---
168 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
BK - Background, DPW - Department of Public Works.

Table 3a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Downhole Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-108 08/10/99 GD Area 3B c/min	SB-109 08/10/99 GD c/min	SG-001 07/09/99 AT c/min
0 in.		56	24	23
6 in.		386	---	---
12 in.		4089	58	24
18 in.		87	---	---
24 in.		41	37	33
30 in.		---	---	---
36 in.		38	26	19
42 in.		---	---	---
48 in.		127	35	16
54 in.		---	---	---
60 in.		210	72	---
66 in.		---	---	---
72 in.		67	52	---
78 in.		---	---	---
80 in.		---	---	---
84 in.		52	42	---
90 in.		---	---	---
96 in.		43	NL	---
102 in.		---	---	---
108 in.		---	---	---
114 in.		---	---	---
120 in.		---	---	---
126 in.		---	---	---
132 in.		---	---	---
138 in.		---	---	---
144 in.		---	---	---
150 in.		---	---	---
156 in.		---	---	---
168 in.		---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

**Downhole radiation field screening
gamma data**



Table 3b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Downhole Radiation Field Screening
Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-001 07/07/99 AT c/min	SB-002 07/07/99 AT c/min	SB-003 07/07/99 AT Area 1C c/min	SB-004A 07/07/99 AT Area 1A c/min	SB-004B 07/07/99 AT Area 1A c/min	SB-004C 07/07/99 AT Area 1A c/min
0 in.		538	536	1641	---	---	---
3 in.		---	---	---	51928	7798	3087
4.5 in.		---	---	---	45025	9017	---
6 in.		---	---	---	---	---	3560
9 in.		---	---	---	---	---	2708
12 in.		1112	1086	42307	2698	3514	2175
15 in.		---	---	40540	---	4420	2084
18 in.		---	---	16372	1948	---	---
24 in.		1040	873	4549	---	---	---
36 in.		1046	731	1498	---	---	---
48 in.		1253	708	859	---	---	---
54 in.		---	---	712	---	---	---
60 in.		984	991	---	---	---	---
66 in.		---	---	---	---	---	---
72 in.		1149	1089	---	---	---	---
78 in.		---	---	---	---	---	---
84 in.		946	---	---	---	---	---
90 in.		819	---	---	---	---	---
96 in.		---	---	---	---	---	---
108 in.		---	---	---	---	---	---
120 in.		---	---	---	---	---	---
132 in.		---	---	---	---	---	---
138 in.		---	---	---	---	---	---
144 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
BK - Background, DPW - Department of Public Works.

Table 3b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Downhole Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-005 07/07/99 AT c/min	SB-006 07/08/99 AT c/min	SB-007 07/08/99 AT c/min	SB-008 07/08/99 AT c/min	SB-009 07/08/99 AT Area 1B c/min	SB-009B 07/08/99 AT Area 1B c/min
0 in.		642	607	620	532	102535	12938
3 in.		---	---	---	---	---	---
4.5 in.		---	---	---	---	---	---
6 in.		---	---	---	---	---	---
9 in.		---	---	---	---	---	---
12 in.		2012	1128	1003	1586	299724	187032
15 in.		---	---	---	---	---	---
18 in.		2041	---	---	---	---	---
24 in.		2051	1362	1129	1384	69048	64958
36 in.		1251	1084	1020	941	27509	5582
48 in.		931	748	1098	985	45542	969
54 in.		---	---	---	---	---	---
60 in.		922	704	1055	1015	54537	473
66 in.		---	---	---	---	53677	---
72 in.		1035	974	1092	1113	---	444
78 in.		---	---	---	---	---	659
84 in.		1142	1083	---	1419	---	---
90 in.		759	---	919	---	---	---
96 in.		---	1019	---	1940	---	---
108 in.		---	1038	---	1903	---	---
120 in.		---	822	---	1855	---	---
132 in.		---	655	---	1700	---	---
138 in.		---	---	---	1513	---	---
144 in.		---	672	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-010 07/08/99 AT c/min
0 in.		439
3 in.		---
4.5 in.		---
6 in.		---
9 in.		---
12 in.		1117
15 in.		---
18 in.		---
24 in.		1299
36 in.		573
48 in.		474
54 in.		---
60 in.		---
66 in.		---
72 in.		---
78 in.		---
84 in.		---
90 in.		---
96 in.		---
108 in.		---
120 in.		---
132 in.		---
138 in.		---
144 in.		---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

**Soil core radiation field screening
alpha/beta data**

Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	BK-001 07/12/99 BK c/min	BK-002 07/12/99 BK c/min	SB-001 07/07/99 AT c/min	SB-002 07/07/99 AT c/min	SB-003 07/07/99 AT Area 1C c/min	SB-004A 07/07/99 AT Area 1A c/min
0-3 in.		---	---	---	---	---	662
0-6 in.		39	32	NL	NL	42	---
3-6 in.		---	---	---	---	---	550
6-9 in.		---	---	---	---	---	806
6-12 in.		37	46	NL	31	62	---
9-11 in.		---	---	---	---	---	---
9-12 in.		---	---	---	---	---	162
9-13 in.		---	---	---	---	---	---
12-14 in.		---	---	---	---	---	83
12-15 in.		---	---	---	---	---	---
12-18 in.		35	40	32	44	346	---
12-48 in.		---	---	---	---	---	---
15-18 in.		---	---	---	---	---	---
15-21 in.		---	---	---	---	102	---
18-21 in.		---	---	---	---	---	---
18-24 in.		37	25	33	22	42	---
18-48 in.		---	---	---	---	---	---
21-24 in.		---	---	---	---	---	---
21-27 in.		---	---	---	---	---	---
21-48 in.		---	---	---	---	---	---
24-28 in.		---	---	---	---	---	---
24-30 in.		34	36	39	24	34	---
24-48 in.		---	---	---	---	---	---
27-30 in.		---	---	---	---	---	---
28-48 in.		---	---	---	---	---	---
30-32 in.		---	---	---	---	---	---
30-33 in.		---	---	---	---	---	---
30-34 in.		---	---	---	---	---	---
30-36 in.		37	46	23	31	28	---
30-48 in.		---	---	---	---	---	---
32-48 in.		---	---	---	---	---	---
33-37 in.		---	---	---	---	---	---
33-48 in.		---	---	---	---	---	---
34-36 in.		---	---	---	---	---	---
34-48 in.		---	---	---	---	---	---
36-38 in.		---	---	---	---	---	---
36-39 in.		32	---	---	---	---	---
36-40 in.		---	36	---	---	---	---
36-41 in.		---	---	---	---	---	---
36-42 in.		---	---	30	26	35	---
36-48 in.		---	---	---	---	---	---
37-48 in.		---	---	---	---	---	---
38-46 in.		---	---	---	---	---	---
38-48 in.		---	---	---	---	---	---
39-42 in.		---	---	---	---	---	---
39-48 in.		NL	---	---	---	---	---
40-48 in.		---	NL	---	---	---	---
41-48 in.		---	---	---	---	---	---
42-44 in.		---	---	---	---	---	---
42-45 in.		---	---	---	---	---	---
42-46 in.		---	---	---	33	44	---
42-48 in.		---	---	42	---	---	---
44-48 in.		---	---	---	---	---	---
44-50 in.		---	---	41	---	---	---
45-48 in.		---	---	---	---	---	---
46-48 in.		---	---	---	---	---	---
46-52 in.		---	---	---	34	30	---
48-52 in.		---	---	---	---	---	---
48-54 in.		43	38	---	---	---	---
48-60 in.		---	---	---	---	---	---
48-89 in.		---	---	---	---	---	---
50-56 in.		---	---	35	---	---	---
52-58 in.		---	---	---	27	29	---
54-60 in.		38	36	---	---	---	---
56-62 in.		---	---	26	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	BK-001 07/12/99 BK c/min	BK-002 07/12/99 BK c/min	SB-001 07/07/99 AT c/min	SB-002 07/07/99 AT c/min	SB-003 07/07/99 AT Area 1C c/min	SB-004A 07/07/99 AT Area 1A c/min
58-64 in.		---	---	---	36	33	---
60-64 in.		---	---	---	---	---	---
60-66 in.		37	41	---	---	---	---
60-96 in.		---	---	---	---	---	---
62-68 in.		---	---	32	---	---	---
64-70 in.		---	---	---	28	32	---
64-96 in.		---	---	---	---	---	---
66-69 in.		---	---	---	---	---	---
66-70 in.		---	---	---	---	---	---
66-72 in.		29	29	---	---	---	---
66-96 in.		---	---	---	---	---	---
68-74 in.		---	---	31	---	---	---
69-72 in.		---	---	---	---	---	---
70-76 in.		---	---	---	29	34	---
70-96 in.		---	---	---	---	---	---
72-74 in.		---	---	---	---	---	---
72-76 in.		---	---	---	---	---	---
72-78 in.		30	25	---	---	---	---
72-80 in.		---	---	---	---	---	---
72-84 in.		---	---	---	---	---	---
72-96 in.		---	---	---	---	---	---
74-80 in.		---	---	28	---	---	---
74-96 in.		---	---	---	---	---	---
76-82 in.		---	---	---	32	37	---
76-96 in.		---	---	---	---	---	---
78-81 in.		---	---	---	---	---	---
78-82 in.		---	---	---	---	---	---
78-84 in.		43	29	---	---	---	---
78-96 in.		---	---	---	---	---	---
80-86 in.		---	---	38	---	---	---
81-96 in.		---	---	---	---	---	---
82-88 in.		---	---	---	37	35	---
84-87 in.		---	---	---	---	---	---
84-88 in.		---	---	---	---	---	---
84-90 in.		---	41	---	---	---	---
84-96 in.		NL	---	---	---	---	---
86-88 in.		---	---	---	---	---	---
86-92 in.		---	---	41	---	---	---
87-96 in.		---	---	---	---	---	---
88-92 in.		---	---	---	45	31	---
88-96 in.		---	---	---	---	---	---
89-96 in.		---	---	---	---	---	---
90-92 in.		---	---	---	---	---	---
90-93 in.		---	---	---	---	---	---
90-94 in.		---	40	---	---	---	---
90-96 in.		---	---	---	---	---	---
92-96 in.		---	---	---	---	---	---
92-98 in.		---	---	---	---	---	---
93-96 in.		---	---	---	---	---	---
94-96 in.		---	NL	---	---	---	---
96-98 in.		---	---	---	---	---	---
96-102 in.		---	---	---	---	---	---
96-144 in.		---	---	---	---	---	---
98-102 in.		---	---	---	---	---	---
98-104 in.		---	---	---	---	---	---
102-108 in.		---	---	---	---	---	---
104-110 in.		---	---	---	---	---	---
108-110 in.		---	---	---	---	---	---
108-112 in.		---	---	---	---	---	---
108-114 in.		---	---	---	---	---	---
108-132 in.		---	---	---	---	---	---
108-144 in.		---	---	---	---	---	---
110-116 in.		---	---	---	---	---	---
114-116 in.		---	---	---	---	---	---
114-117 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	BK-001 07/12/99 BK c/min	BK-002 07/12/99 BK c/min	SB-001 07/07/99 AT c/min	SB-002 07/07/99 AT c/min	SB-003 07/07/99 AT Area 1C c/min	SB-004A 07/07/99 AT Area 1A c/min
114-120 in.		---	---	---	---	---	---
114-144 in.		---	---	---	---	---	---
116-122 in.		---	---	---	---	---	---
116-144 in.		---	---	---	---	---	---
120-123 in.		---	---	---	---	---	---
120-126 in.		---	---	---	---	---	---
120-144 in.		---	---	---	---	---	---
122-128 in.		---	---	---	---	---	---
123-144 in.		---	---	---	---	---	---
126-130 in.		---	---	---	---	---	---
126-132 in.		---	---	---	---	---	---
126-144 in.		---	---	---	---	---	---
128-132 in.		---	---	---	---	---	---
130-144 in.		---	---	---	---	---	---
132-134 in.		---	---	---	---	---	---
132-135 in.		---	---	---	---	---	---
132-136 in.		---	---	---	---	---	---
132-138 in.		---	---	---	---	---	---
132-144 in.		---	---	---	---	---	---
134-144 in.		---	---	---	---	---	---
135-144 in.		---	---	---	---	---	---
136-142 in.		---	---	---	---	---	---
138-141 in.		---	---	---	---	---	---
138-142 in.		---	---	---	---	---	---
138-144 in.		---	---	---	---	---	---
141-144 in.		---	---	---	---	---	---
142-144 in.		---	---	---	---	---	---
142-148 in.		---	---	---	---	---	---
144-150 in.		---	---	---	---	---	---
144-168 in.		---	---	---	---	---	---
148-154 in.		---	---	---	---	---	---
150-156 in.		---	---	---	---	---	---
154-162 in.		---	---	---	---	---	---
156-160 in.		---	---	---	---	---	---
156-162 in.		---	---	---	---	---	---
160-162 in.		---	---	---	---	---	---
160-166 in.		---	---	---	---	---	---
162-168 in.		---	---	---	---	---	---
166-192 in.		---	---	---	---	---	---
168-174 in.		---	---	---	---	---	---
168-192 in.		---	---	---	---	---	---
174-180 in.		---	---	---	---	---	---
174-192 in.		---	---	---	---	---	---
180-184 in.		---	---	---	---	---	---
180-186 in.		---	---	---	---	---	---
180-192 in.		---	---	---	---	---	---
184-192 in.		---	---	---	---	---	---
186-189 in.		---	---	---	---	---	---
186-190 in.		---	---	---	---	---	---
186-192 in.		---	---	---	---	---	---
189-192 in.		---	---	---	---	---	---
190-192 in.		---	---	---	---	---	---
192-198 in.		---	---	---	---	---	---
192-216 in.		---	---	---	---	---	---
198-214 in.		---	---	---	---	---	---
214-220 in.		---	---	---	---	---	---
216-222 in.		---	---	---	---	---	---
216-240 in.		---	---	---	---	---	---
220-226 in.		---	---	---	---	---	---
222-228 in.		---	---	---	---	---	---
226-232 in.		---	---	---	---	---	---
228-234 in.		---	---	---	---	---	---
234-240 in.		---	---	---	---	---	---

NOTES: NL - not logged.
 * Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-004B 07/07/99 AT Area 1A c/min	SB-004C 07/07/99 AT Area 1A c/min	SB-005 07/07/99 AT c/min	SB-006 07/08/99 AT c/min	SB-007 07/08/99 AT c/min	SB-008 07/08/99 AT c/min
0-3 in.		30	31	---	---	---	---
0-6 in.		---	---	30	27	27	29
3-6 in.		40	31	---	---	---	---
6-9 in.		37	32	---	---	---	---
6-12 in.		---	---	26	31	40	58
9-11 in.		---	27	---	---	---	---
9-12 in.		---	---	---	---	---	---
9-13 in.		25	---	---	---	---	---
12-14 in.		---	---	---	---	---	---
12-15 in.		---	---	---	---	---	---
12-18 in.		---	---	40	32	24	41
12-48 in.		---	---	---	---	---	---
15-18 in.		---	---	---	---	---	---
15-21 in.		---	---	---	---	---	---
18-21 in.		---	---	---	---	---	---
18-24 in.		---	---	27	32	35	35
18-48 in.		---	---	---	---	---	---
21-24 in.		---	---	---	---	---	---
21-27 in.		---	---	---	---	---	---
21-48 in.		---	---	---	---	---	---
24-28 in.		---	---	---	---	---	---
24-30 in.		---	---	34	27	26	41
24-48 in.		---	---	---	---	---	---
27-30 in.		---	---	---	---	---	---
28-48 in.		---	---	---	---	---	---
30-32 in.		---	---	---	---	---	---
30-33 in.		---	---	---	---	---	---
30-34 in.		---	---	---	---	---	---
30-36 in.		---	---	34	27	30	---
30-48 in.		---	---	---	---	---	---
32-48 in.		---	---	---	---	---	---
33-37 in.		---	---	---	---	---	---
33-48 in.		---	---	---	---	---	---
34-36 in.		---	---	---	---	---	---
34-48 in.		---	---	---	---	---	---
36-38 in.		---	---	---	---	---	---
36-39 in.		---	---	---	---	---	---
36-40 in.		---	---	---	---	---	---
36-41 in.		---	---	---	---	---	---
36-42 in.		---	---	23	38	42	---
36-48 in.		---	---	---	---	---	---
37-48 in.		---	---	---	---	---	---
38-46 in.		---	---	---	---	---	---
38-48 in.		---	---	---	---	---	---
39-42 in.		---	---	---	---	---	---
39-48 in.		---	---	---	---	---	---
40-48 in.		---	---	---	---	---	---
41-48 in.		---	---	---	---	---	---
42-44 in.		---	---	---	---	---	---
42-45 in.		---	---	---	---	---	---
42-46 in.		---	---	24	26	42	---
42-48 in.		---	---	NL	---	---	---
44-48 in.		---	---	---	---	---	---
44-50 in.		---	---	---	---	---	---
45-48 in.		---	---	---	---	---	---
46-48 in.		---	---	NL	NL	NL	---
46-52 in.		---	---	---	---	---	---
48-52 in.		---	---	42	---	---	---
48-54 in.		---	---	---	31	30	33
48-60 in.		---	---	---	---	---	---
48-89 in.		---	---	---	---	---	---
50-56 in.		---	---	---	---	---	---
52-58 in.		---	---	35	---	---	---
54-60 in.		---	---	---	27	24	37
56-62 in.		---	---	---	---	---	---

NOTES: NL - not logged.
 * Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-004B 07/07/99 AT Area 1A c/min	SB-004C 07/07/99 AT Area 1A c/min	SB-005 07/07/99 AT c/min	SB-006 07/08/99 AT c/min	SB-007 07/08/99 AT c/min	SB-008 07/08/99 AT c/min
58-64 in.		---	---	35	---	---	---
60-64 in.		---	---	---	---	---	---
60-66 in.		---	---	---	30	41	44
60-96 in.		---	---	---	---	---	---
62-68 in.		---	---	---	---	---	---
64-70 in.		---	---	41	---	---	---
64-96 in.		---	---	---	---	---	---
66-69 in.		---	---	---	---	---	---
66-70 in.		---	---	---	---	---	---
66-72 in.		---	---	---	36	27	48
66-96 in.		---	---	---	---	---	---
68-74 in.		---	---	---	---	---	---
69-72 in.		---	---	---	---	---	---
70-76 in.		---	---	31	---	---	---
70-96 in.		---	---	---	---	---	---
72-74 in.		---	---	---	---	---	---
72-76 in.		---	---	---	---	---	---
72-78 in.		---	---	---	41	27	32
72-80 in.		---	---	---	---	---	---
72-84 in.		---	---	---	---	---	---
72-96 in.		---	---	---	---	---	---
74-80 in.		---	---	---	---	---	---
74-96 in.		---	---	---	---	---	---
76-82 in.		---	---	21	---	---	---
76-96 in.		---	---	---	---	---	---
78-81 in.		---	---	---	---	---	---
78-82 in.		---	---	---	---	---	---
78-84 in.		---	---	---	48	45	32
78-96 in.		---	---	---	---	---	---
80-86 in.		---	---	---	---	---	---
81-96 in.		---	---	---	---	---	---
82-88 in.		---	---	36	---	---	---
84-87 in.		---	---	---	---	---	---
84-88 in.		---	---	---	---	---	---
84-90 in.		---	---	---	26	43	46
84-96 in.		---	---	---	---	---	---
86-88 in.		---	---	---	---	---	---
86-92 in.		---	---	---	---	---	---
87-96 in.		---	---	---	---	---	---
88-92 in.		---	---	31	---	---	---
88-96 in.		---	---	---	---	---	---
89-96 in.		---	---	---	---	---	---
90-92 in.		---	---	---	---	---	---
90-93 in.		---	---	---	---	---	---
90-94 in.		---	---	---	39	25	---
90-96 in.		---	---	---	---	---	47
92-96 in.		---	---	---	---	---	---
92-98 in.		---	---	38	---	---	---
93-96 in.		---	---	---	---	---	---
94-96 in.		---	---	---	NL	NL	---
96-98 in.		---	---	---	---	---	---
96-102 in.		---	---	---	39	35	30
96-144 in.		---	---	---	---	---	---
98-102 in.		---	---	---	---	---	---
98-104 in.		---	---	30	---	---	---
102-108 in.		---	---	---	32	31	32
104-110 in.		---	---	25	---	---	---
108-110 in.		---	---	---	---	---	---
108-112 in.		---	---	---	---	---	---
108-114 in.		---	---	---	32	36	35
108-132 in.		---	---	---	---	---	---
108-144 in.		---	---	---	---	---	---
110-116 in.		---	---	28	---	---	---
114-116 in.		---	---	---	---	---	---
14-117 in.		---	---	---	---	---	---

NOTES: NL - not logged.
 * Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-004B 07/07/99 AT Area 1A c/min	SB-004C 07/07/99 AT Area 1A c/min	SB-005 07/07/99 AT c/min	SB-006 07/08/99 AT c/min	SB-007 07/08/99 AT c/min	SB-008 07/08/99 AT c/min
114-120 in.		---	---	---	31	46	23
114-144 in.		---	---	---	---	---	---
116-122 in.		---	---	32	---	---	---
116-144 in.		---	---	---	---	---	---
120-123 in.		---	---	---	---	---	---
120-126 in.		---	---	---	26	27	40
120-144 in.		---	---	---	---	---	---
122-128 in.		---	---	28	---	---	---
123-144 in.		---	---	---	---	---	---
126-130 in.		---	---	---	---	---	---
126-132 in.		---	---	---	30	27	36
126-144 in.		---	---	---	---	---	---
128-132 in.		---	---	31	---	---	---
130-144 in.		---	---	---	---	---	---
132-134 in.		---	---	---	---	---	---
132-135 in.		---	---	---	---	---	---
132-136 in.		---	---	31	---	---	---
132-138 in.		---	---	---	24	28	34
132-144 in.		---	---	---	---	---	---
134-144 in.		---	---	---	---	---	---
135-144 in.		---	---	---	---	---	---
136-142 in.		---	---	35	---	---	---
138-141 in.		---	---	---	---	---	---
138-142 in.		---	---	---	---	32	---
138-144 in.		---	---	---	48	---	25
141-144 in.		---	---	---	---	---	---
142-144 in.		---	---	---	---	NL	---
142-148 in.		---	---	28	---	---	---
144-150 in.		---	---	---	---	25	36
144-168 in.		---	---	---	---	---	---
148-154 in.		---	---	32	---	---	---
150-156 in.		---	---	---	---	22	25
154-162 in.		---	---	29	---	---	---
156-160 in.		---	---	---	---	---	---
156-162 in.		---	---	---	---	22	25
160-162 in.		---	---	---	---	---	---
160-166 in.		---	---	---	---	---	---
162-168 in.		---	---	28	---	27	30
166-192 in.		---	---	---	---	---	---
168-174 in.		---	---	34	---	29	26
168-192 in.		---	---	---	---	---	---
174-180 in.		---	---	18	---	36	31
174-192 in.		---	---	---	---	---	---
180-184 in.		---	---	27	---	---	---
180-186 in.		---	---	---	---	---	27
180-192 in.		---	---	---	---	---	---
184-192 in.		---	---	---	---	---	---
186-189 in.		---	---	---	---	---	---
186-190 in.		---	---	---	---	---	---
186-192 in.		---	---	---	---	---	27
189-192 in.		---	---	---	---	---	---
190-192 in.		---	---	---	---	---	---
192-198 in.		---	---	---	---	---	---
192-216 in.		---	---	---	---	---	---
198-214 in.		---	---	---	---	---	---
214-220 in.		---	---	---	---	---	---
216-222 in.		---	---	---	---	---	---
216-240 in.		---	---	---	---	---	---
220-226 in.		---	---	---	---	---	---
222-228 in.		---	---	---	---	---	---
226-232 in.		---	---	---	---	---	---
228-234 in.		---	---	---	---	---	---
234-240 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-009 07/08/99 AT Area 1B c/min	SB-009B 07/08/99 AT Area 1B c/min	SB-009C 07/09/99 AT Area 1B c/min	SB-009D 07/09/99 AT Area 1B c/min	SB-009E 07/09/99 AT Area 1B c/min	SB-010 07/08/99 AT c/min
0-3 in.		---	---	---	---	---	---
0-6 in.		598	40	30	97	37	29
3-6 in.		---	---	---	---	---	---
6-9 in.		---	---	---	---	---	---
6-12 in.		31757	52	63	518	21	30
9-11 in.		---	---	---	---	---	---
9-12 in.		---	---	---	---	---	---
9-13 in.		---	---	---	---	---	---
12-14 in.		---	---	---	---	---	---
12-15 in.		---	---	---	---	---	---
12-18 in.		6989	257	85 (86)	72129	182	41
12-48 in.		---	---	---	---	---	---
15-18 in.		---	---	---	---	---	---
15-21 in.		---	---	---	---	---	---
18-21 in.		---	---	---	---	---	---
18-24 in.		1019	534	51	4433	97	46
18-48 in.		---	---	---	---	---	---
21-24 in.		---	---	---	---	---	---
21-27 in.		---	---	---	---	---	---
21-48 in.		---	---	---	---	---	---
24-28 in.		---	---	---	---	---	---
24-30 in.		813	226	85	159	96	58
24-48 in.		---	---	---	---	---	---
27-30 in.		---	---	---	---	---	---
28-48 in.		---	---	---	---	---	---
30-32 in.		---	---	---	---	---	---
30-33 in.		---	---	---	---	---	---
30-34 in.		---	---	---	---	---	---
30-36 in.		660	113	43	63	41	45
30-48 in.		---	---	---	---	---	---
32-48 in.		---	---	---	---	---	---
33-37 in.		---	---	---	---	---	---
33-48 in.		---	---	---	---	---	---
34-36 in.		---	---	---	---	---	---
34-48 in.		---	---	---	---	---	---
36-38 in.		60	---	---	---	---	---
36-39 in.		---	---	---	---	---	---
36-40 in.		---	---	---	---	---	---
36-41 in.		---	---	---	---	---	---
36-42 in.		---	43	38	45 (40)	33	29
36-48 in.		---	---	---	---	---	---
37-48 in.		---	---	---	---	---	---
38-46 in.		NL	---	---	---	---	---
38-48 in.		---	---	---	---	---	---
39-42 in.		---	---	---	---	---	---
39-48 in.		---	---	---	---	---	---
40-48 in.		---	---	---	---	---	---
41-48 in.		---	---	---	---	---	---
42-44 in.		---	---	---	---	---	---
42-45 in.		---	---	---	---	---	28
42-46 in.		---	---	---	---	---	---
42-48 in.		---	NL	28	NL	NL	---
44-48 in.		---	---	---	---	---	---
44-50 in.		---	---	---	---	---	---
45-48 in.		---	---	---	---	---	NL
46-48 in.		1657	---	---	---	---	---
46-52 in.		---	---	---	---	---	---
48-52 in.		---	---	---	---	---	---
48-54 in.		48	55	37	682	40	36
48-60 in.		---	---	---	---	---	---
48-89 in.		---	---	---	---	---	---
50-56 in.		---	---	---	---	---	---
52-58 in.		---	---	---	---	---	---
54-60 in.		38	40	40	106	39	41
56-62 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-009 07/08/99 AT Area 1B c/min	SB-009B 07/08/99 AT Area 1B c/min	SB-009C 07/09/99 AT Area 1B c/min	SB-009D 07/09/99 AT Area 1B c/min	SB-009E 07/09/99 AT Area 1B c/min	SB-010 07/08/99 AT c/min
58-64 in.		---	---	---	---	---	---
60-64 in.		---	---	---	---	---	---
60-66 in.		40	42	40	45	32	25
60-96 in.		---	---	---	---	---	---
62-68 in.		---	---	---	---	---	---
64-70 in.		---	---	---	---	---	---
64-96 in.		---	---	---	---	---	---
66-69 in.		---	---	---	---	---	---
66-70 in.		---	---	---	---	---	---
66-72 in.		38	26	47	34	NL	35
66-96 in.		---	---	---	---	---	---
68-74 in.		---	---	---	---	---	---
69-72 in.		---	---	---	---	---	---
70-76 in.		---	---	---	---	---	---
70-96 in.		---	---	---	---	---	---
72-74 in.		---	---	---	---	---	---
72-76 in.		---	---	---	---	---	---
72-78 in.		1379	29	---	---	---	42
72-80 in.		---	---	---	---	---	---
72-84 in.		---	---	---	---	---	---
72-96 in.		---	---	---	---	---	---
74-80 in.		---	---	---	---	---	---
74-96 in.		---	---	---	---	---	---
76-82 in.		---	---	---	---	---	---
76-96 in.		---	---	---	---	---	---
78-81 in.		---	---	---	---	---	---
78-82 in.		---	---	---	---	---	---
78-84 in.		56	37	---	---	---	28
78-96 in.		---	---	---	---	---	---
80-86 in.		---	---	---	---	---	---
81-96 in.		---	---	---	---	---	---
82-88 in.		---	---	---	---	---	---
84-87 in.		---	---	---	---	---	---
84-88 in.		---	---	---	---	---	---
84-90 in.		30	30	---	---	---	35
84-96 in.		---	---	---	---	---	---
86-88 in.		---	---	---	---	---	---
86-92 in.		---	---	---	---	---	---
87-96 in.		---	---	---	---	---	---
88-92 in.		---	---	---	---	---	---
88-96 in.		---	---	---	---	---	---
89-96 in.		---	---	---	---	---	---
90-92 in.		30	---	---	---	---	---
90-93 in.		---	---	---	---	---	---
90-94 in.		---	26	---	---	---	---
90-96 in.		---	---	---	---	---	27
92-96 in.		---	---	---	---	---	---
92-98 in.		---	---	---	---	---	---
93-96 in.		---	---	---	---	---	---
94-96 in.		---	NL	---	---	---	---
96-98 in.		---	---	---	---	---	---
96-102 in.		---	---	---	---	---	34
96-144 in.		---	---	---	---	---	---
98-102 in.		---	---	---	---	---	---
98-104 in.		---	---	---	---	---	---
102-108 in.		---	---	---	---	---	43
104-110 in.		---	---	---	---	---	---
108-110 in.		---	---	---	---	---	---
108-112 in.		---	---	---	---	---	---
108-114 in.		---	---	---	---	---	32
108-132 in.		---	---	---	---	---	---
108-144 in.		---	---	---	---	---	---
110-116 in.		---	---	---	---	---	---
114-116 in.		---	---	---	---	---	---
114-117 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

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GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-009 07/08/99 AT Area 1B c/min	SB-009B 07/08/99 AT Area 1B c/min	SB-009C 07/09/99 AT Area 1B c/min	SB-009D 07/09/99 AT Area 1B c/min	SB-009E 07/09/99 AT Area 1B c/min	SB-010 07/08/99 AT c/min
114-120 in.		---	---	---	---	---	41
114-144 in.		---	---	---	---	---	---
116-122 in.		---	---	---	---	---	---
116-144 in.		---	---	---	---	---	---
120-123 in.		---	---	---	---	---	---
120-126 in.		---	---	---	---	---	---
120-144 in.		---	---	---	---	---	---
122-128 in.		---	---	---	---	---	---
123-144 in.		---	---	---	---	---	---
126-130 in.		---	---	---	---	---	---
126-132 in.		---	---	---	---	---	---
126-144 in.		---	---	---	---	---	---
128-132 in.		---	---	---	---	---	---
130-144 in.		---	---	---	---	---	---
132-134 in.		---	---	---	---	---	---
132-135 in.		---	---	---	---	---	---
132-136 in.		---	---	---	---	---	---
132-138 in.		---	---	---	---	---	---
132-144 in.		---	---	---	---	---	---
134-144 in.		---	---	---	---	---	---
135-144 in.		---	---	---	---	---	---
136-142 in.		---	---	---	---	---	---
138-141 in.		---	---	---	---	---	---
138-142 in.		---	---	---	---	---	---
138-144 in.		---	---	---	---	---	---
141-144 in.		---	---	---	---	---	---
142-144 in.		---	---	---	---	---	---
142-148 in.		---	---	---	---	---	---
144-150 in.		---	---	---	---	---	---
144-168 in.		---	---	---	---	---	---
148-154 in.		---	---	---	---	---	---
150-156 in.		---	---	---	---	---	---
154-162 in.		---	---	---	---	---	---
156-160 in.		---	---	---	---	---	---
156-162 in.		---	---	---	---	---	---
160-162 in.		---	---	---	---	---	---
160-166 in.		---	---	---	---	---	---
162-168 in.		---	---	---	---	---	---
166-192 in.		---	---	---	---	---	---
168-174 in.		---	---	---	---	---	---
168-192 in.		---	---	---	---	---	---
174-180 in.		---	---	---	---	---	---
174-192 in.		---	---	---	---	---	---
180-184 in.		---	---	---	---	---	---
180-186 in.		---	---	---	---	---	---
180-192 in.		---	---	---	---	---	---
184-192 in.		---	---	---	---	---	---
186-189 in.		---	---	---	---	---	---
186-190 in.		---	---	---	---	---	---
186-192 in.		---	---	---	---	---	---
189-192 in.		---	---	---	---	---	---
190-192 in.		---	---	---	---	---	---
192-198 in.		---	---	---	---	---	---
192-216 in.		---	---	---	---	---	---
198-214 in.		---	---	---	---	---	---
214-220 in.		---	---	---	---	---	---
216-222 in.		---	---	---	---	---	---
216-240 in.		---	---	---	---	---	---
220-226 in.		---	---	---	---	---	---
222-228 in.		---	---	---	---	---	---
226-232 in.		---	---	---	---	---	---
228-234 in.		---	---	---	---	---	---
234-240 in.		---	---	---	---	---	---

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Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-010B 07/09/99 AT c/min	SB-011 07/09/99 AT c/min	SB-012 07/09/99 AT c/min	SB-013 07/09/99 AT c/min	SB-014 07/09/99 AT c/min	SB-015 07/10/99 MD c/min
0-3 in.		---	---	---	---	---	NL
0-6 in.		26	30	38	34	31	---
3-6 in.		---	---	---	---	---	41
6-9 in.		---	---	---	---	---	---
6-12 in.		20	24	31	44	41	65
9-11 in.		---	---	---	---	---	---
9-12 in.		---	---	---	---	---	---
9-13 in.		---	---	---	---	---	---
12-14 in.		---	---	---	---	---	---
12-15 in.		---	---	---	---	---	---
12-18 in.		40	37	34	31	32	121
12-48 in.		---	---	---	---	---	---
15-18 in.		---	---	---	---	---	---
15-21 in.		---	---	---	---	---	---
18-21 in.		---	---	39	---	---	---
18-24 in.		85	33	---	28	34	160
18-48 in.		---	---	---	---	---	---
21-24 in.		---	---	---	---	---	---
21-27 in.		---	---	---	---	---	---
21-48 in.		---	---	NL	---	---	---
24-28 in.		---	---	---	---	---	---
24-30 in.		42	25	---	36	38	106
24-48 in.		---	---	---	---	---	---
27-30 in.		---	---	---	---	---	---
28-48 in.		---	---	---	---	---	---
30-32 in.		---	---	---	---	38	---
30-33 in.		---	---	---	---	---	---
30-34 in.		---	---	---	---	---	---
30-36 in.		81 (94)	32	---	37	---	87
30-48 in.		---	---	---	---	---	---
32-48 in.		---	---	---	---	NL	---
33-37 in.		---	---	---	---	---	---
33-48 in.		---	---	---	---	---	---
34-36 in.		---	---	---	---	---	---
34-48 in.		---	---	---	---	---	---
36-38 in.		---	---	---	---	---	---
36-39 in.		---	---	---	33	---	---
36-40 in.		---	---	---	---	---	---
36-41 in.		---	---	---	---	---	---
36-42 in.		43	36	---	---	---	NL
36-48 in.		---	---	---	---	---	---
37-48 in.		---	---	---	---	---	---
38-46 in.		---	---	---	---	---	---
38-48 in.		---	---	---	---	---	---
39-42 in.		---	---	---	---	---	---
39-48 in.		---	---	---	NL	---	---
40-48 in.		---	---	---	---	---	---
41-48 in.		---	---	---	---	---	---
42-44 in.		---	---	---	---	---	---
42-45 in.		---	---	---	---	---	---
42-46 in.		36	21	---	---	---	---
42-48 in.		---	---	---	---	---	NL
44-48 in.		---	---	---	---	---	---
44-50 in.		---	---	---	---	---	---
45-48 in.		---	---	---	---	---	---
46-48 in.		NL	NL	---	---	---	---
46-52 in.		---	---	---	---	---	---
48-52 in.		---	---	---	---	---	---
48-54 in.		33	33	45	24	31	86
48-60 in.		---	---	---	---	---	---
48-89 in.		---	---	---	---	---	---
50-56 in.		---	---	---	---	---	---
52-58 in.		---	---	---	---	---	---
54-60 in.		32	25	47	22	35	76
56-62 in.		---	---	---	---	---	---

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 * Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
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58-64 in.		---	---	---	---	---	---
60-64 in.		---	---	---	---	---	---
60-66 in.		16	39	36	25	23	58
60-96 in.		---	---	---	---	---	---
62-68 in.		---	---	---	---	---	---
64-70 in.		---	---	---	---	---	---
64-96 in.		---	---	---	---	---	---
66-69 in.		---	---	---	---	---	---
66-70 in.		---	---	---	---	---	---
66-72 in.		40	35	46	34	32	74
66-96 in.		---	---	---	---	---	---
68-74 in.		---	---	---	---	---	---
69-72 in.		---	---	---	---	---	---
70-76 in.		---	---	---	---	---	---
70-96 in.		---	---	---	---	---	---
72-74 in.		---	---	---	---	30	---
72-76 in.		---	---	---	---	---	---
72-78 in.		49	41	41	---	---	61
72-80 in.		---	---	---	31	---	---
72-84 in.		---	---	---	---	---	---
72-96 in.		---	---	---	---	---	---
74-80 in.		---	---	---	---	---	---
74-96 in.		---	---	---	---	---	---
76-82 in.		---	---	---	---	---	---
76-96 in.		---	---	---	---	---	---
78-81 in.		---	---	46	---	---	---
78-82 in.		---	---	---	---	---	---
78-84 in.		31	33	---	---	---	35
78-96 in.		---	---	---	---	---	---
80-86 in.		---	---	---	35	---	---
81-96 in.		---	---	NL	---	---	---
82-88 in.		---	---	---	---	---	---
84-87 in.		---	---	---	---	---	---
84-88 in.		---	---	---	---	---	---
84-90 in.		23	35	---	---	---	NL
84-96 in.		---	---	---	---	---	---
86-88 in.		---	---	---	36	---	---
86-92 in.		---	---	---	---	---	---
87-96 in.		---	---	---	---	---	---
88-92 in.		---	---	---	---	---	---
88-96 in.		---	---	---	---	---	---
89-96 in.		---	---	---	NL	---	---
90-92 in.		---	---	---	---	---	---
90-93 in.		---	---	---	---	---	---
90-94 in.		---	26	---	---	---	---
90-96 in.		NL	---	---	---	---	NL
92-96 in.		---	---	---	---	---	---
92-98 in.		---	---	---	---	---	---
93-96 in.		---	---	---	---	---	---
94-96 in.		---	NL	---	---	NL	---
96-98 in.		---	---	---	---	---	---
96-102 in.		41	---	30	27	24	61
96-144 in.		---	---	---	---	---	---
98-102 in.		---	---	---	---	---	---
98-104 in.		---	---	---	---	---	---
102-108 in.		27	---	45	29	34	77
104-110 in.		---	---	---	---	---	---
108-110 in.		---	---	---	---	---	---
108-112 in.		---	---	---	---	---	---
108-114 in.		30	---	38	34	32	65
108-132 in.		---	---	---	---	---	---
108-144 in.		---	---	---	---	---	---
110-116 in.		---	---	---	---	---	---
114-116 in.		---	---	---	---	---	---
14-117 in.		---	---	---	---	---	---

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114-120 in.		43	---	30	36	36	65
114-144 in.		---	---	---	---	---	---
116-122 in.		---	---	---	---	---	---
116-144 in.		---	---	---	---	---	---
120-123 in.		36	---	---	---	---	---
120-126 in.		---	---	38	33	31	NL
120-144 in.		---	---	---	---	---	---
122-128 in.		---	---	---	---	---	---
123-144 in.		NL	---	---	---	---	---
126-130 in.		---	---	---	---	---	---
126-132 in.		---	---	43	37	43	NL
126-144 in.		---	---	---	---	---	---
128-132 in.		---	---	---	---	---	---
130-144 in.		---	---	---	---	---	---
132-134 in.		---	---	---	---	---	---
132-135 in.		---	---	---	33	---	---
132-136 in.		---	---	---	---	---	---
132-138 in.		---	---	38	---	24	NL
132-144 in.		---	---	---	---	---	---
134-144 in.		---	---	---	---	---	---
135-144 in.		---	---	---	NL	---	---
136-142 in.		---	---	---	---	---	---
138-141 in.		---	---	31	---	---	---
138-142 in.		---	---	---	---	---	---
138-144 in.		---	---	---	---	28	NL
141-144 in.		---	---	NL	---	---	---
142-144 in.		---	---	---	---	---	---
142-148 in.		---	---	---	---	---	---
144-150 in.		---	---	40	---	46	26
144-168 in.		---	---	---	---	---	---
148-154 in.		---	---	---	---	---	---
150-156 in.		---	---	35	---	32	61
154-162 in.		---	---	---	---	---	---
156-160 in.		---	---	---	---	---	---
156-162 in.		---	---	36	---	31	74
160-162 in.		---	---	---	---	---	---
160-166 in.		---	---	---	---	---	---
162-168 in.		---	---	33	---	41	59
166-192 in.		---	---	---	---	---	---
168-174 in.		---	---	29	---	43	67
168-192 in.		---	---	---	---	---	---
174-180 in.		---	---	41	---	35	49
174-192 in.		---	---	---	---	---	---
180-184 in.		---	---	---	---	---	---
180-186 in.		---	---	---	---	---	NL
180-192 in.		---	---	---	---	---	---
184-192 in.		---	---	---	---	---	---
186-189 in.		---	---	---	---	---	---
186-190 in.		---	---	---	---	---	---
186-192 in.		---	---	---	---	---	NL
189-192 in.		---	---	---	---	---	---
190-192 in.		---	---	---	---	---	---
192-198 in.		---	---	---	---	---	---
192-216 in.		---	---	---	---	---	---
198-214 in.		---	---	---	---	---	---
214-220 in.		---	---	---	---	---	---
216-222 in.		---	---	---	---	---	---
216-240 in.		---	---	---	---	---	---
220-226 in.		---	---	---	---	---	---
222-228 in.		---	---	---	---	---	---
226-232 in.		---	---	---	---	---	---
228-234 in.		---	---	---	---	---	---
234-240 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-016 07/10/99 MD c/min	SB-017A 07/10/99 MD c/min	SB-017B 07/10/99 MD c/min	SB-018 07/10/99 GD c/min	SB-019 07/10/99 GD c/min	SB-020 07/11/99 GD c/min
0-3 in.		---	---	---	---	---	---
0-6 in.		38	26	37	29	24	28
3-6 in.		---	---	---	---	---	---
6-9 in.		---	---	---	---	---	---
6-12 in.		44	36	32	38	30	27
9-11 in.		---	---	---	---	---	---
9-12 in.		---	---	---	---	---	---
9-13 in.		---	---	---	---	---	---
12-14 in.		---	---	---	---	---	---
12-15 in.		---	---	---	---	---	---
12-18 in.		72	51	40	73	37	21
12-48 in.		---	---	---	---	---	---
15-18 in.		---	---	---	---	---	---
15-21 in.		---	---	---	---	---	---
18-21 in.		---	---	---	---	---	---
18-24 in.		66	63	45	74	44	38
18-48 in.		---	---	---	---	---	---
21-24 in.		---	---	---	---	---	---
21-27 in.		---	---	---	---	---	---
21-48 in.		---	---	---	---	---	---
24-28 in.		---	---	---	---	---	---
24-30 in.		94	47	82	60	36	41
24-48 in.		---	---	---	---	---	---
27-30 in.		---	---	---	---	---	---
28-48 in.		---	---	---	---	---	---
30-32 in.		---	---	---	---	27	---
30-33 in.		---	---	---	---	---	---
30-34 in.		---	---	---	---	---	---
30-36 in.		67	70	58	37	---	37
30-48 in.		---	---	---	---	---	---
32-48 in.		---	---	---	---	NL	---
33-37 in.		---	---	---	---	---	---
33-48 in.		---	---	---	---	---	---
34-36 in.		---	---	---	---	---	---
34-48 in.		---	---	---	---	---	---
36-38 in.		---	---	---	---	---	---
36-39 in.		---	---	---	---	---	---
36-40 in.		---	---	---	46	---	---
36-41 in.		---	---	---	---	---	---
36-42 in.		56	125	64	---	---	23
36-48 in.		---	---	---	---	---	---
37-48 in.		---	---	---	---	---	---
38-46 in.		---	---	---	---	---	---
38-48 in.		---	---	---	---	---	---
39-42 in.		---	---	---	---	---	---
39-48 in.		---	---	---	---	---	---
40-48 in.		---	---	---	NL	---	---
41-48 in.		---	---	---	---	---	---
42-44 in.		---	---	---	---	---	---
42-45 in.		---	---	---	---	---	---
42-46 in.		---	110	---	---	---	41
42-48 in.		NL	---	NL	---	---	---
44-48 in.		---	---	---	---	---	---
44-50 in.		---	---	---	---	---	---
45-48 in.		---	---	---	---	---	---
46-48 in.		---	NL	---	---	---	NL
46-52 in.		---	---	---	---	---	---
48-52 in.		---	---	---	---	---	---
48-54 in.		80	79	---	63	35	31
48-60 in.		---	---	---	---	---	---
48-89 in.		---	---	NL	---	---	---
50-56 in.		---	---	---	---	---	---
52-58 in.		---	---	---	---	---	---
54-60 in.		60	449	---	49	33	30
56-62 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4a
GTE Operations Support Incorporated
Former Sylva Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-016 07/10/99 MD c/min	SB-017A 07/10/99 MD c/min	SB-017B 07/10/99 MD c/min	SB-018 07/10/99 GD c/min	SB-019 07/10/99 GD c/min	SB-020 07/11/99 GD c/min
58-64 in.		---	---	---	---	---	---
60-64 in.		---	---	---	---	---	---
60-66 in.		60	---	---	109	27	37
60-96 in.		---	---	---	---	---	---
62-68 in.		---	---	---	---	---	---
64-70 in.		---	---	---	---	---	---
64-96 in.		---	---	---	---	---	---
66-69 in.		---	---	---	---	---	---
66-70 in.		---	---	---	---	---	---
66-72 in.		72	---	---	89	---	26
66-96 in.		---	---	---	---	NL	---
68-74 in.		---	---	---	---	---	---
69-72 in.		---	---	---	---	---	---
70-76 in.		---	---	---	---	---	---
70-96 in.		---	---	---	---	---	---
72-74 in.		---	---	---	---	---	---
72-76 in.		---	---	---	---	---	---
72-78 in.		56	---	---	---	---	22
72-80 in.		---	---	---	---	---	---
72-84 in.		---	---	---	---	---	---
72-96 in.		---	---	---	NL	---	---
74-80 in.		---	---	---	---	---	---
74-96 in.		---	---	---	---	---	---
76-82 in.		---	---	---	---	---	---
76-96 in.		---	---	---	---	---	---
78-81 in.		---	---	---	---	---	---
78-82 in.		---	---	---	---	---	---
78-84 in.		43	---	---	---	---	32
78-96 in.		---	---	---	---	---	---
80-86 in.		---	---	---	---	---	---
81-96 in.		---	---	---	---	---	---
82-88 in.		---	---	---	---	---	---
84-87 in.		---	---	---	---	---	---
84-88 in.		---	---	---	---	---	---
84-90 in.		33	---	---	---	---	29
84-96 in.		---	---	---	---	---	---
86-88 in.		---	---	---	---	---	---
86-92 in.		---	---	---	---	---	---
87-96 in.		---	---	---	---	---	---
88-92 in.		---	---	---	---	---	---
88-96 in.		---	---	---	---	---	---
89-96 in.		---	---	66	---	---	---
90-92 in.		---	---	---	---	---	---
90-93 in.		---	---	---	---	---	---
90-94 in.		47	---	---	---	---	---
90-96 in.		---	---	---	---	---	---
92-96 in.		---	---	---	---	---	---
92-98 in.		---	---	---	---	---	---
93-96 in.		---	---	---	---	---	---
94-96 in.		NL	---	---	---	---	---
96-98 in.		---	---	---	---	---	---
96-102 in.		32	---	80	---	28	---
96-144 in.		---	---	---	---	---	---
98-102 in.		---	---	---	---	---	---
98-104 in.		---	---	---	---	---	---
102-108 in.		41	---	39	---	36	---
104-110 in.		---	---	---	---	---	---
108-110 in.		---	---	89	---	---	---
108-112 in.		---	---	---	---	---	---
108-114 in.		36	---	---	---	35	---
108-132 in.		---	---	---	---	---	---
108-144 in.		---	---	---	---	---	---
110-116 in.		---	---	---	---	---	---
114-116 in.		---	---	---	---	---	---
114-117 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.



Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-016 07/10/99 MD c/min	SB-017A 07/10/99 MD c/min	SB-017B 07/10/99 MD c/min	SB-018 07/10/99 GD c/min	SB-019 07/10/99 GD c/min	SB-020 07/11/99 GD c/min
114-120 in.		28	---	---	---	---	---
114-144 in.		---	---	---	---	NL	---
116-122 in.		---	---	---	---	---	---
116-144 in.		---	---	---	---	---	---
120-123 in.		---	---	---	---	---	---
120-126 in.		34	---	---	---	---	---
120-144 in.		---	---	---	---	---	---
122-128 in.		---	---	---	---	---	---
123-144 in.		---	---	---	---	---	---
126-130 in.		---	---	---	---	---	---
126-132 in.		40	---	---	---	---	---
126-144 in.		---	---	---	---	---	---
128-132 in.		---	---	---	---	---	---
130-144 in.		---	---	---	---	---	---
132-134 in.		---	---	---	---	---	---
132-135 in.		---	---	---	---	---	---
132-136 in.		---	---	---	---	---	---
132-138 in.		NL	---	---	---	---	---
132-144 in.		---	---	---	---	---	---
134-144 in.		---	---	---	---	---	---
135-144 in.		---	---	---	---	---	---
136-142 in.		---	---	---	---	---	---
138-141 in.		---	---	---	---	---	---
138-142 in.		---	---	---	---	---	---
138-144 in.		NL	---	---	---	---	---
141-144 in.		---	---	---	---	---	---
142-144 in.		---	---	---	---	---	---
142-148 in.		---	---	---	---	---	---
144-150 in.		38	---	---	---	26	---
144-168 in.		---	---	---	---	---	---
148-154 in.		---	---	---	---	---	---
150-156 in.		37	---	---	---	30	---
154-162 in.		---	---	---	---	---	---
156-160 in.		---	---	---	---	---	---
156-162 in.		44	---	---	---	---	---
160-162 in.		---	---	---	---	---	---
160-166 in.		---	---	---	---	---	---
162-168 in.		26	---	---	---	---	---
166-192 in.		---	---	---	---	---	---
168-174 in.		37	---	---	---	---	---
168-192 in.		---	---	---	---	---	---
174-180 in.		27	---	---	---	---	---
174-192 in.		---	---	---	---	---	---
180-184 in.		---	---	---	---	---	---
180-186 in.		34	---	---	---	---	---
180-192 in.		---	---	---	---	---	---
184-192 in.		---	---	---	---	---	---
186-189 in.		---	---	---	---	---	---
186-190 in.		34	---	---	---	---	---
186-192 in.		---	---	---	---	---	---
189-192 in.		---	---	---	---	---	---
190-192 in.		NL	---	---	---	---	---
192-198 in.		---	---	---	---	---	---
192-216 in.		---	---	---	---	---	---
198-214 in.		---	---	---	---	---	---
214-220 in.		---	---	---	---	---	---
216-222 in.		---	---	---	---	---	---
216-240 in.		---	---	---	---	---	---
220-226 in.		---	---	---	---	---	---
222-228 in.		---	---	---	---	---	---
226-232 in.		---	---	---	---	---	---
228-234 in.		---	---	---	---	---	---
234-240 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
BK - Background, DPW - Department of Public Works.

Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-021 07/11/99 GD c/min	SB-022 07/11/99 GD c/min	SB-023A 07/11/99 GD c/min	SB-023B 07/11/99 GD c/min	SB-024 07/11/99 GD Area 3C c/min	SB-025 07/11/99 GD Area 3A c/min
0-3 in.		---	---	---	---	---	---
0-6 in.		40	23	46	29	27	41
3-6 in.		---	---	---	---	---	---
6-9 in.		---	---	---	---	---	---
6-12 in.		37	33	61	51	48	158
9-11 in.		---	---	---	---	---	---
9-12 in.		---	---	---	---	---	---
9-13 in.		---	---	---	---	---	---
12-14 in.		---	---	---	---	---	---
12-15 in.		---	---	---	---	---	---
12-18 in.		37	---	32	68	48	273
12-48 in.		---	NL	---	---	---	---
15-18 in.		---	---	---	---	---	---
15-21 in.		---	---	---	---	---	---
18-21 in.		---	---	---	35	---	---
18-24 in.		41	---	111	---	52	39
18-48 in.		---	---	---	---	---	---
21-24 in.		---	---	---	NL	---	---
21-27 in.		---	---	---	---	---	---
21-48 in.		---	---	---	---	---	---
24-28 in.		---	---	---	---	---	---
24-30 in.		29	---	98	---	39	33
24-48 in.		---	---	---	NL	---	---
27-30 in.		---	---	---	---	---	---
28-48 in.		---	---	---	---	---	---
30-32 in.		---	---	---	---	---	---
30-33 in.		---	---	---	---	---	---
30-34 in.		---	---	---	---	---	---
30-36 in.		28	---	59	---	88	NL
30-48 in.		---	---	---	---	---	---
32-48 in.		---	---	---	---	---	---
33-37 in.		---	---	---	---	---	---
33-48 in.		---	---	---	---	---	---
34-36 in.		---	---	---	---	---	---
34-48 in.		---	---	---	---	---	---
36-38 in.		---	---	---	---	---	---
36-39 in.		---	---	40	---	---	---
36-40 in.		---	---	---	---	---	---
36-41 in.		---	---	---	---	---	---
36-42 in.		---	---	---	---	NL	NL
36-48 in.		NL	---	---	---	---	---
37-48 in.		---	---	---	---	---	---
38-46 in.		---	---	---	---	---	---
38-48 in.		---	---	---	---	---	---
39-42 in.		---	---	NL	---	---	---
39-48 in.		---	---	---	---	---	---
40-48 in.		---	---	---	---	---	---
41-48 in.		---	---	---	---	---	---
42-44 in.		---	---	---	---	---	---
42-45 in.		---	---	---	---	---	---
42-46 in.		---	---	---	---	---	---
42-48 in.		---	---	NL	---	NL	NL
44-48 in.		---	---	---	---	---	---
44-50 in.		---	---	---	---	---	---
45-48 in.		---	---	---	---	---	---
46-48 in.		---	---	---	---	---	---
46-52 in.		---	---	---	---	---	---
48-52 in.		---	---	---	---	---	---
48-54 in.		35	23	62	69	77	---
48-60 in.		---	---	---	---	---	---
48-89 in.		---	---	---	---	---	---
50-56 in.		---	---	---	---	---	---
52-58 in.		---	---	---	---	---	---
54-60 in.		29	24	48	82	165	---
56-62 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
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Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-021 07/11/99 GD c/min	SB-022 07/11/99 GD c/min	SB-023A 07/11/99 GD c/min	SB-023B 07/11/99 GD c/min	SB-024 07/11/99 GD Area 3C c/min	SB-025 07/11/99 GD Area 3A c/min
58-64 in.		---	---	---	---	---	---
60-64 in.		---	---	---	---	---	---
60-66 in.		40	36	---	57	196	---
60-96 in.		---	---	NL	---	---	---
62-68 in.		---	---	---	---	---	---
64-70 in.		---	---	---	---	---	---
64-96 in.		---	---	---	---	---	---
66-69 in.		---	---	---	38	---	---
66-70 in.		---	---	---	---	---	---
66-72 in.		37	---	---	---	4182	---
66-96 in.		---	NL	---	---	---	---
68-74 in.		---	---	---	---	---	---
69-72 in.		---	---	---	NL	---	---
70-76 in.		---	---	---	---	---	---
70-96 in.		---	---	---	---	---	---
72-74 in.		---	---	---	---	---	---
72-76 in.		---	---	---	---	---	---
72-78 in.		45 (42)	---	---	---	6953	---
72-80 in.		---	---	---	---	---	---
72-84 in.		---	---	---	---	---	---
72-96 in.		---	---	---	NL	---	---
74-80 in.		---	---	---	---	---	---
74-96 in.		---	---	---	---	---	---
76-82 in.		---	---	---	---	---	---
76-96 in.		---	---	---	---	---	---
78-81 in.		---	---	---	---	---	---
78-82 in.		---	---	---	---	---	---
78-84 in.		42 (36)	---	---	---	5868	---
78-96 in.		---	---	---	---	---	---
80-86 in.		---	---	---	---	---	---
81-96 in.		---	---	---	---	---	---
82-88 in.		---	---	---	---	---	---
84-87 in.		31 (33)	---	---	---	---	---
84-88 in.		---	---	---	---	---	---
84-90 in.		---	---	---	---	751	---
84-96 in.		---	---	---	---	---	---
86-88 in.		---	---	---	---	---	---
86-92 in.		---	---	---	---	---	---
87-96 in.		NL	---	---	---	---	---
88-92 in.		---	---	---	---	---	---
88-96 in.		---	---	---	---	---	---
89-96 in.		---	---	---	---	---	---
90-92 in.		---	---	---	---	---	---
90-93 in.		---	---	---	---	---	---
90-94 in.		---	---	---	---	395	---
90-96 in.		---	---	---	---	---	---
92-96 in.		---	---	---	---	---	---
92-98 in.		---	---	---	---	---	---
93-96 in.		---	---	---	---	---	---
94-96 in.		---	---	---	---	NL	---
96-98 in.		---	---	---	---	---	---
96-102 in.		---	---	---	51	3543	---
96-144 in.		---	---	---	---	---	---
98-102 in.		---	---	---	---	---	---
98-104 in.		---	---	---	---	---	---
102-108 in.		---	---	---	43	2465	---
104-110 in.		---	---	---	---	---	---
108-110 in.		---	---	---	---	---	---
108-112 in.		---	---	---	---	---	---
108-114 in.		---	---	---	1687	390	---
108-132 in.		---	---	---	---	---	---
108-144 in.		---	---	---	---	---	---
110-116 in.		---	---	---	---	---	---
114-116 in.		---	---	---	---	---	---
14-117 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
BK - Background, DPW - Department of Public Works.



O'BRIEN & GERE
ENGINEERS, INC.

Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-021 07/11/99 GD c/min	SB-022 07/11/99 GD c/min	SB-023A 07/11/99 GD c/min	SB-023B 07/11/99 GD c/min	SB-024 07/11/99 GD Area 3C c/min	SB-025 07/11/99 GD Area 3A c/min
114-120 in.		---	---	---	795	225	---
114-144 in.		---	---	---	---	---	---
116-122 in.		---	---	---	---	---	---
116-144 in.		---	---	---	---	---	---
120-123 in.		---	---	---	---	---	---
120-126 in.		---	---	---	---	148	---
120-144 in.		---	---	---	NL	---	---
122-128 in.		---	---	---	---	---	---
123-144 in.		---	---	---	---	---	---
126-130 in.		---	---	---	---	---	---
126-132 in.		---	---	---	---	59	---
126-144 in.		---	---	---	---	---	---
128-132 in.		---	---	---	---	---	---
130-144 in.		---	---	---	---	---	---
132-134 in.		---	---	---	---	---	---
132-135 in.		---	---	---	---	---	---
132-136 in.		---	---	---	---	---	---
132-138 in.		---	---	---	---	---	---
132-144 in.		---	---	---	---	---	---
134-144 in.		---	---	---	---	---	---
135-144 in.		---	---	---	---	---	---
136-142 in.		---	---	---	---	---	---
138-141 in.		---	---	---	---	---	---
138-142 in.		---	---	---	---	---	---
138-144 in.		---	---	---	---	---	---
141-144 in.		---	---	---	---	---	---
142-144 in.		---	---	---	---	---	---
142-148 in.		---	---	---	---	---	---
144-150 in.		---	---	---	723	---	---
144-168 in.		---	---	---	---	---	---
148-154 in.		---	---	---	---	---	---
150-156 in.		---	---	---	176	---	---
154-162 in.		---	---	---	---	---	---
156-160 in.		---	---	---	---	---	---
156-162 in.		---	---	---	197	---	---
160-162 in.		---	---	---	---	---	---
160-166 in.		---	---	---	---	---	---
162-168 in.		---	---	---	98	---	---
166-192 in.		---	---	---	---	---	---
168-174 in.		---	---	---	---	---	---
168-192 in.		---	---	---	NL	---	---
174-180 in.		---	---	---	---	---	---
174-192 in.		---	---	---	---	---	---
180-184 in.		---	---	---	---	---	---
180-186 in.		---	---	---	---	---	---
180-192 in.		---	---	---	---	---	---
184-192 in.		---	---	---	---	---	---
186-189 in.		---	---	---	---	---	---
186-190 in.		---	---	---	---	---	---
186-192 in.		---	---	---	---	---	---
189-192 in.		---	---	---	---	---	---
190-192 in.		---	---	---	---	---	---
192-198 in.		---	---	---	---	---	---
192-216 in.		---	---	---	---	---	---
198-214 in.		---	---	---	---	---	---
214-220 in.		---	---	---	---	---	---
216-222 in.		---	---	---	---	---	---
216-240 in.		---	---	---	---	---	---
220-226 in.		---	---	---	---	---	---
222-228 in.		---	---	---	---	---	---
226-232 in.		---	---	---	---	---	---
228-234 in.		---	---	---	---	---	---
234-240 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
BK - Background, DPW - Department of Public Works.

Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-026 07/11/99 GD Area 3A c/min	SB-027 07/12/99 GC Area 3A c/min	SB-028 07/12/99 GC Area 3A c/min	SB-029 07/12/99 GC Area 3A c/min	SB-030A 07/12/99 GC Area 2 c/min	SB-030B 07/12/99 GC Area 2 c/min
0-3 in.		---	---	---	---	---	---
0-6 in.		33	46	41	38	57	44
3-6 in.		---	---	---	---	---	---
6-9 in.		---	---	---	---	---	---
6-12 in.		149	42	43	44	42	43
9-11 in.		---	---	---	---	---	---
9-12 in.		---	---	---	---	---	---
9-13 in.		---	---	---	---	---	---
12-14 in.		---	---	---	---	---	---
12-15 in.		---	---	---	---	---	---
12-18 in.		270	33	46	44	51	47
12-48 in.		---	---	---	---	---	---
15-18 in.		---	---	---	---	---	---
15-21 in.		---	---	---	---	---	---
18-21 in.		---	---	---	---	---	---
18-24 in.		125	41	36	33	29	34
18-48 in.		---	---	---	---	---	---
21-24 in.		---	---	---	---	---	---
21-27 in.		---	---	---	---	---	---
21-48 in.		---	---	---	---	---	---
24-28 in.		---	---	---	---	40	---
24-30 in.		113	33	52	43	---	32
24-48 in.		---	---	---	---	---	---
27-30 in.		---	---	---	---	---	---
28-48 in.		---	---	---	---	NL	---
30-32 in.		---	---	---	---	---	---
30-33 in.		---	---	---	---	---	39
30-34 in.		---	---	---	---	---	---
30-36 in.		229	30	42	34	---	---
30-48 in.		---	---	---	---	---	---
32-48 in.		---	---	---	---	---	---
33-37 in.		---	---	---	---	---	---
33-48 in.		---	---	---	---	---	NL
34-36 in.		---	---	---	---	---	---
34-48 in.		---	---	---	---	---	---
36-38 in.		---	---	---	---	---	---
36-39 in.		---	---	---	---	---	---
36-40 in.		44	35	---	26	---	---
36-41 in.		---	---	---	---	---	---
36-42 in.		---	---	25	---	---	---
36-48 in.		---	---	---	---	---	---
37-48 in.		---	---	---	---	---	---
38-46 in.		---	---	---	---	---	---
38-48 in.		---	---	---	---	---	---
39-42 in.		---	---	---	---	---	---
39-48 in.		---	---	---	---	---	---
40-48 in.		NL	NL	---	NL	---	---
41-48 in.		---	---	---	---	---	---
42-44 in.		---	---	40	---	---	---
42-45 in.		---	---	---	---	---	---
42-46 in.		---	---	---	---	---	---
42-48 in.		---	---	---	---	---	---
44-48 in.		---	---	NL	---	---	---
44-50 in.		---	---	---	---	---	---
45-48 in.		---	---	---	---	---	---
46-48 in.		---	---	---	---	---	---
46-52 in.		---	---	---	---	---	---
48-52 in.		---	---	---	---	---	---
48-54 in.		---	---	---	---	---	---
48-60 in.		---	---	---	---	---	---
48-89 in.		---	---	---	---	---	---
50-56 in.		---	---	---	---	---	---
52-58 in.		---	---	---	---	---	---
54-60 in.		---	---	---	---	---	---
6-62 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-026 07/11/99 GD Area 3A c/min	SB-027 07/12/99 GC Area 3A c/min	SB-028 07/12/99 GC Area 3A c/min	SB-029 07/12/99 GC Area 3A c/min	SB-030A 07/12/99 GC Area 2 c/min	SB-030B 07/12/99 GC Area 2 c/min
58-64 in.		---	---	---	---	---	---
60-64 in.		---	---	---	---	---	---
60-66 in.		---	---	---	---	---	---
60-96 in.		---	---	---	---	---	---
62-68 in.		---	---	---	---	---	---
64-70 in.		---	---	---	---	---	---
64-96 in.		---	---	---	---	---	---
66-69 in.		---	---	---	---	---	---
66-70 in.		---	---	---	---	---	---
66-72 in.		---	---	---	---	---	---
66-96 in.		---	---	---	---	---	---
68-74 in.		---	---	---	---	---	---
69-72 in.		---	---	---	---	---	---
70-76 in.		---	---	---	---	---	---
70-96 in.		---	---	---	---	---	---
72-74 in.		---	---	---	---	---	---
72-76 in.		---	---	---	---	---	---
72-78 in.		---	---	---	---	---	---
72-80 in.		---	---	---	---	---	---
72-84 in.		---	---	---	---	---	---
72-96 in.		---	---	---	---	---	---
74-80 in.		---	---	---	---	---	---
74-96 in.		---	---	---	---	---	---
76-82 in.		---	---	---	---	---	---
76-96 in.		---	---	---	---	---	---
78-81 in.		---	---	---	---	---	---
78-82 in.		---	---	---	---	---	---
78-84 in.		---	---	---	---	---	---
78-96 in.		---	---	---	---	---	---
80-86 in.		---	---	---	---	---	---
81-96 in.		---	---	---	---	---	---
82-88 in.		---	---	---	---	---	---
84-87 in.		---	---	---	---	---	---
84-88 in.		---	---	---	---	---	---
84-90 in.		---	---	---	---	---	---
84-96 in.		---	---	---	---	---	---
86-88 in.		---	---	---	---	---	---
86-92 in.		---	---	---	---	---	---
87-96 in.		---	---	---	---	---	---
88-92 in.		---	---	---	---	---	---
88-96 in.		---	---	---	---	---	---
89-96 in.		---	---	---	---	---	---
90-92 in.		---	---	---	---	---	---
90-93 in.		---	---	---	---	---	---
90-94 in.		---	---	---	---	---	---
90-96 in.		---	---	---	---	---	---
92-96 in.		---	---	---	---	---	---
92-98 in.		---	---	---	---	---	---
93-96 in.		---	---	---	---	---	---
94-96 in.		---	---	---	---	---	---
96-98 in.		---	---	---	---	---	---
96-102 in.		---	---	---	---	---	---
96-144 in.		---	---	---	---	---	---
98-102 in.		---	---	---	---	---	---
98-104 in.		---	---	---	---	---	---
102-108 in.		---	---	---	---	---	---
104-110 in.		---	---	---	---	---	---
108-110 in.		---	---	---	---	---	---
108-112 in.		---	---	---	---	---	---
108-114 in.		---	---	---	---	---	---
108-132 in.		---	---	---	---	---	---
108-144 in.		---	---	---	---	---	---
110-116 in.		---	---	---	---	---	---
114-116 in.		---	---	---	---	---	---
114-117 in.		---	---	---	---	---	---

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Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-026 07/11/99 GD Area 3A c/min	SB-027 07/12/99 GC Area 3A c/min	SB-028 07/12/99 GC Area 3A c/min	SB-029 07/12/99 GC Area 3A c/min	SB-030A 07/12/99 GC Area 2 c/min	SB-030B 07/12/99 GC Area 2 c/min
114-120 in.		---	---	---	---	---	---
114-144 in.		---	---	---	---	---	---
116-122 in.		---	---	---	---	---	---
116-144 in.		---	---	---	---	---	---
120-123 in.		---	---	---	---	---	---
120-126 in.		---	---	---	---	---	---
120-144 in.		---	---	---	---	---	---
122-128 in.		---	---	---	---	---	---
123-144 in.		---	---	---	---	---	---
126-130 in.		---	---	---	---	---	---
126-132 in.		---	---	---	---	---	---
126-144 in.		---	---	---	---	---	---
128-132 in.		---	---	---	---	---	---
130-144 in.		---	---	---	---	---	---
132-134 in.		---	---	---	---	---	---
132-135 in.		---	---	---	---	---	---
132-136 in.		---	---	---	---	---	---
132-138 in.		---	---	---	---	---	---
132-144 in.		---	---	---	---	---	---
134-144 in.		---	---	---	---	---	---
135-144 in.		---	---	---	---	---	---
136-142 in.		---	---	---	---	---	---
138-141 in.		---	---	---	---	---	---
138-142 in.		---	---	---	---	---	---
138-144 in.		---	---	---	---	---	---
141-144 in.		---	---	---	---	---	---
142-144 in.		---	---	---	---	---	---
142-148 in.		---	---	---	---	---	---
144-150 in.		---	---	---	---	---	---
144-168 in.		---	---	---	---	---	---
148-154 in.		---	---	---	---	---	---
150-156 in.		---	---	---	---	---	---
154-162 in.		---	---	---	---	---	---
156-160 in.		---	---	---	---	---	---
156-162 in.		---	---	---	---	---	---
160-162 in.		---	---	---	---	---	---
160-166 in.		---	---	---	---	---	---
162-168 in.		---	---	---	---	---	---
166-192 in.		---	---	---	---	---	---
168-174 in.		---	---	---	---	---	---
168-192 in.		---	---	---	---	---	---
174-180 in.		---	---	---	---	---	---
174-192 in.		---	---	---	---	---	---
180-184 in.		---	---	---	---	---	---
180-186 in.		---	---	---	---	---	---
180-192 in.		---	---	---	---	---	---
184-192 in.		---	---	---	---	---	---
186-189 in.		---	---	---	---	---	---
186-190 in.		---	---	---	---	---	---
186-192 in.		---	---	---	---	---	---
189-192 in.		---	---	---	---	---	---
190-192 in.		---	---	---	---	---	---
192-198 in.		---	---	---	---	---	---
192-216 in.		---	---	---	---	---	---
198-214 in.		---	---	---	---	---	---
214-220 in.		---	---	---	---	---	---
216-222 in.		---	---	---	---	---	---
216-240 in.		---	---	---	---	---	---
220-226 in.		---	---	---	---	---	---
222-228 in.		---	---	---	---	---	---
226-232 in.		---	---	---	---	---	---
228-234 in.		---	---	---	---	---	---
234-240 in.		---	---	---	---	---	---

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Table 4a
GTE Operations Support Incorporated
Former Sylva Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-031 07/12/99 GC Area 2 c/min	SB-032 07/12/99 GC Area 2 c/min	SB-033 07/12/99 GC Area 2 c/min	SB-034 07/12/99 GC Area 2 c/min	SB-035A 07/12/99 GD c/min	SB-035B 07/12/99 GD c/min
0-3 in.		---	---	---	---	---	---
0-6 in.		44	61	52	44	42	33
3-6 in.		---	---	---	---	---	---
6-9 in.		---	---	---	---	---	---
6-12 in.		39	47	54	39	32	52
9-11 in.		---	---	---	---	---	---
9-12 in.		---	---	---	---	---	---
9-13 in.		---	---	---	---	---	---
12-14 in.		---	---	---	---	---	---
12-15 in.		---	---	---	---	29	---
12-18 in.		43	61	32	27	---	53
12-48 in.		---	---	---	---	---	---
15-18 in.		---	---	---	---	NL	---
15-21 in.		---	---	---	---	---	---
18-21 in.		---	---	---	---	---	---
18-24 in.		32	39	46	26	NL	44
18-48 in.		---	---	---	---	---	---
21-24 in.		---	---	---	---	---	---
21-27 in.		---	---	---	---	---	---
21-48 in.		---	---	---	---	---	---
24-28 in.		48	---	---	---	---	---
24-30 in.		---	29	35	40	NL	30
24-48 in.		---	---	---	---	---	---
27-30 in.		---	---	---	---	---	---
28-48 in.		NL	---	---	---	---	---
30-32 in.		---	32	---	---	---	---
30-33 in.		---	---	---	---	---	26
30-34 in.		---	---	---	---	---	---
30-36 in.		---	---	36	---	NL	---
30-48 in.		---	---	---	NL	---	---
32-48 in.		---	NL	---	---	---	---
33-37 in.		---	---	---	---	---	30
33-48 in.		---	---	---	---	---	---
34-36 in.		---	---	---	---	---	---
34-48 in.		---	---	---	---	---	---
36-38 in.		---	---	---	---	---	---
36-39 in.		---	---	---	---	---	---
36-40 in.		---	---	---	---	---	---
36-41 in.		---	---	---	---	---	---
36-42 in.		---	---	---	---	NL	---
36-48 in.		---	---	NL	---	---	---
37-48 in.		---	---	---	---	---	NL
38-46 in.		---	---	---	---	---	---
38-48 in.		---	---	---	---	---	---
39-42 in.		---	---	---	---	---	---
39-48 in.		---	---	---	---	---	---
40-48 in.		---	---	---	---	---	---
41-48 in.		---	---	---	---	---	---
42-44 in.		---	---	---	---	---	---
42-45 in.		---	---	---	---	---	---
42-46 in.		---	---	---	---	---	---
42-48 in.		---	---	---	---	NL	---
44-48 in.		---	---	---	---	---	---
44-50 in.		---	---	---	---	---	---
45-48 in.		---	---	---	---	---	---
46-48 in.		---	---	---	---	---	---
46-52 in.		---	---	---	---	---	---
48-52 in.		---	---	---	---	---	---
48-54 in.		---	---	---	---	40	65
48-60 in.		---	---	---	---	---	---
48-89 in.		---	---	---	---	---	---
50-56 in.		---	---	---	---	---	---
52-58 in.		---	---	---	---	---	---
54-60 in.		---	---	---	---	62	48
56-62 in.		---	---	---	---	---	---

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* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
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GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
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58-64 in.		---	---	---	---	---	---
60-64 in.		---	---	---	---	---	---
60-66 in.		---	---	---	---	NL	36
60-96 in.		---	---	---	---	---	---
62-68 in.		---	---	---	---	---	---
64-70 in.		---	---	---	---	---	---
64-96 in.		---	---	---	---	---	---
66-69 in.		---	---	---	---	---	---
66-70 in.		---	---	---	---	---	---
66-72 in.		---	---	---	---	NL	29
66-96 in.		---	---	---	---	---	---
68-74 in.		---	---	---	---	---	---
69-72 in.		---	---	---	---	---	---
70-76 in.		---	---	---	---	---	---
70-96 in.		---	---	---	---	---	---
72-74 in.		---	---	---	---	---	---
72-76 in.		---	---	---	---	---	---
72-78 in.		---	---	---	---	NL	33
72-80 in.		---	---	---	---	---	---
72-84 in.		---	---	---	---	---	---
72-96 in.		---	---	---	---	---	---
74-80 in.		---	---	---	---	---	---
74-96 in.		---	---	---	---	---	---
76-82 in.		---	---	---	---	---	---
76-96 in.		---	---	---	---	---	---
78-81 in.		---	---	---	---	---	---
78-82 in.		---	---	---	---	---	---
78-84 in.		---	---	---	---	NL	47
78-96 in.		---	---	---	---	---	---
80-86 in.		---	---	---	---	---	---
81-96 in.		---	---	---	---	---	---
82-88 in.		---	---	---	---	---	---
84-87 in.		---	---	---	---	---	---
84-88 in.		---	---	---	---	---	---
84-90 in.		---	---	---	---	NL	---
84-96 in.		---	---	---	---	---	NL
86-88 in.		---	---	---	---	---	---
86-92 in.		---	---	---	---	---	---
87-96 in.		---	---	---	---	---	---
88-92 in.		---	---	---	---	---	---
88-96 in.		---	---	---	---	---	---
89-96 in.		---	---	---	---	---	---
90-92 in.		---	---	---	---	---	---
90-93 in.		---	---	---	---	---	---
90-94 in.		---	---	---	---	---	---
90-96 in.		---	---	---	---	NL	---
92-96 in.		---	---	---	---	---	---
92-98 in.		---	---	---	---	---	---
93-96 in.		---	---	---	---	---	---
94-96 in.		---	---	---	---	---	---
96-98 in.		---	---	---	---	---	---
96-102 in.		---	---	---	---	49	34
96-144 in.		---	---	---	---	---	---
98-102 in.		---	---	---	---	---	---
98-104 in.		---	---	---	---	---	---
102-108 in.		---	---	---	---	38	34
104-110 in.		---	---	---	---	---	---
108-110 in.		---	---	---	---	---	---
108-112 in.		---	---	---	---	---	---
108-114 in.		---	---	---	---	29	34
108-132 in.		---	---	---	---	---	---
108-144 in.		---	---	---	---	---	---
110-116 in.		---	---	---	---	---	---
114-116 in.		---	---	---	---	---	---
114-117 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
BK - Background, DPW - Department of Public Works.



Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-031 07/12/99 GC Area 2 c/min	SB-032 07/12/99 GC Area 2 c/min	SB-033 07/12/99 GC Area 2 c/min	SB-034 07/12/99 GC Area 2 c/min	SB-035A 07/12/99 GD c/min	SB-035B 07/12/99 GD c/min
114-120 in.		---	---	---	---	42	40
114-144 in.		---	---	---	---	---	---
116-122 in.		---	---	---	---	---	---
116-144 in.		---	---	---	---	---	---
120-123 in.		---	---	---	---	---	---
120-126 in.		---	---	---	---	42	42
120-144 in.		---	---	---	---	---	---
122-128 in.		---	---	---	---	---	---
123-144 in.		---	---	---	---	---	---
126-130 in.		---	---	---	---	---	---
126-132 in.		---	---	---	---	34	---
126-144 in.		---	---	---	---	---	NL
128-132 in.		---	---	---	---	---	---
130-144 in.		---	---	---	---	---	---
132-134 in.		---	---	---	---	---	---
132-135 in.		---	---	---	---	---	---
132-136 in.		---	---	---	---	---	---
132-138 in.		---	---	---	---	44	---
132-144 in.		---	---	---	---	---	---
134-144 in.		---	---	---	---	---	---
135-144 in.		---	---	---	---	---	---
136-142 in.		---	---	---	---	---	---
138-141 in.		---	---	---	---	---	---
138-142 in.		---	---	---	---	---	---
138-144 in.		---	---	---	---	36	---
141-144 in.		---	---	---	---	---	---
142-144 in.		---	---	---	---	---	---
142-148 in.		---	---	---	---	---	---
144-150 in.		---	---	---	---	---	35
144-168 in.		---	---	---	---	---	---
148-154 in.		---	---	---	---	---	---
150-156 in.		---	---	---	---	---	44
154-162 in.		---	---	---	---	---	---
156-160 in.		---	---	---	---	---	---
156-162 in.		---	---	---	---	---	60
160-162 in.		---	---	---	---	---	---
160-166 in.		---	---	---	---	---	---
162-168 in.		---	---	---	---	---	---
166-192 in.		---	---	---	---	---	---
168-174 in.		---	---	---	---	---	---
168-192 in.		---	---	---	---	---	---
174-180 in.		---	---	---	---	---	---
174-192 in.		---	---	---	---	---	---
180-184 in.		---	---	---	---	---	---
180-186 in.		---	---	---	---	---	---
180-192 in.		---	---	---	---	---	---
184-192 in.		---	---	---	---	---	---
186-189 in.		---	---	---	---	---	---
186-190 in.		---	---	---	---	---	---
186-192 in.		---	---	---	---	---	---
189-192 in.		---	---	---	---	---	---
190-192 in.		---	---	---	---	---	---
192-198 in.		---	---	---	---	---	---
192-216 in.		---	---	---	---	---	---
198-214 in.		---	---	---	---	---	---
214-220 in.		---	---	---	---	---	---
216-222 in.		---	---	---	---	---	---
216-240 in.		---	---	---	---	---	---
220-226 in.		---	---	---	---	---	---
222-228 in.		---	---	---	---	---	---
226-232 in.		---	---	---	---	---	---
228-234 in.		---	---	---	---	---	---
234-240 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
BK - Background, DPW - Department of Public Works.

Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-036 07/12/99 GD Area 3A c/min	SB-037 07/13/99 GD c/min	SB-038 07/13/99 GD Area 3A c/min	SB-039 07/13/99 GD c/min	SB-040 07/13/99 GD c/min	SB-041 07/13/99 GD c/min
0-3 in.							
0-6 in.		121	28	56	40	50	60
3-6 in.							
6-9 in.							
6-12 in.		327	117	131	62	75	168
9-11 in.							
9-12 in.							
9-13 in.							
12-14 in.							
12-15 in.							
12-18 in.		68	130	95	30	151	638
12-48 in.							
15-18 in.							
15-21 in.							
18-21 in.							
18-24 in.		173	64		43	141	183
18-48 in.				NL			
21-24 in.							
21-27 in.							
21-48 in.							
24-28 in.							
24-30 in.		85			30	50	73
24-48 in.			NL				
27-30 in.							
28-48 in.							
30-32 in.							
30-33 in.							
30-34 in.						32	
30-36 in.		105			35		55
30-48 in.							
32-48 in.							
33-37 in.							
33-48 in.							
34-36 in.							
34-48 in.						NL	
36-38 in.							
36-39 in.							
36-40 in.							
36-41 in.							
36-42 in.		68					45
36-48 in.					NL		
37-48 in.							
38-46 in.							
38-48 in.							
39-42 in.							
39-48 in.							
40-48 in.							
41-48 in.							
42-44 in.							37
42-45 in.							
42-46 in.							
42-48 in.		30					
44-48 in.							NL
44-50 in.							
45-48 in.							
46-48 in.							
46-52 in.							
48-52 in.							
48-54 in.		38	56	47	30	42	44
48-60 in.							
48-89 in.							
50-56 in.							
52-58 in.							
54-60 in.		30	40	36	33	29	37
56-62 in.							

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4a
GTE Operations Support Incorporated
 Former Sylvania Electric Products Facility - Hicksville, NY
 Soil Core Radiation Field Screening

Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-036 07/12/99 GD Area 3A c/min	SB-037 07/13/99 GD c/min	SB-038 07/13/99 GD Area 3A c/min	SB-039 07/13/99 GD c/min	SB-040 07/13/99 GD c/min	SB-041 07/13/99 GD c/min
58-64 in.		---	---	---	---	---	---
60-64 in.		---	---	---	---	---	---
60-66 in.		35	43	---	30	32	43
60-96 in.		---	---	---	---	---	---
62-68 in.		---	---	---	---	---	---
64-70 in.		---	---	---	---	---	---
64-96 in.		---	---	---	---	---	---
66-69 in.		---	---	---	---	---	---
66-70 in.		---	---	---	---	---	---
66-72 in.		24	37	---	35	41	41
66-96 in.		---	---	---	---	---	---
68-74 in.		---	---	---	---	---	---
69-72 in.		---	---	---	---	---	---
70-76 in.		---	---	---	---	---	---
70-96 in.		---	---	---	---	---	---
72-74 in.		---	---	---	---	---	---
72-76 in.		---	---	---	---	---	---
72-78 in.		36	45	---	34	---	40
72-80 in.		---	---	---	---	---	---
72-84 in.		---	---	---	---	32	---
72-96 in.		---	---	---	---	---	---
74-80 in.		---	---	---	---	---	---
74-96 in.		---	---	---	---	---	---
76-82 in.		---	---	---	---	---	---
76-96 in.		---	---	---	---	---	---
78-81 in.		---	---	---	---	---	---
78-82 in.		---	---	---	---	---	---
78-84 in.		40	---	---	34	---	50
78-96 in.		---	NL	---	---	---	---
80-86 in.		---	---	---	---	---	---
81-96 in.		---	---	---	---	---	---
82-88 in.		---	---	---	---	---	---
84-87 in.		---	---	---	---	---	---
84-88 in.		---	---	---	---	---	---
84-90 in.		41	---	---	39	24	87
84-96 in.		---	---	---	---	---	---
86-88 in.		---	---	---	---	---	---
86-92 in.		---	---	---	---	---	---
87-96 in.		---	---	---	---	---	---
88-92 in.		---	---	---	---	---	---
88-96 in.		---	---	---	---	---	---
89-96 in.		---	---	---	---	---	---
90-92 in.		26	---	---	---	---	---
90-93 in.		---	---	---	---	---	---
90-94 in.		---	---	---	27	---	---
90-96 in.		---	---	---	---	NL	NL
92-96 in.	NL	---	---	---	---	---	---
92-98 in.	---	---	---	---	---	---	---
93-96 in.	---	---	---	---	---	---	---
94-96 in.	---	---	---	---	NL	---	---
96-98 in.	---	---	---	---	---	---	---
96-102 in.	---	---	63	---	---	---	41
96-144 in.	---	---	---	---	---	---	---
98-102 in.	---	---	---	---	---	---	---
98-104 in.	---	---	---	---	---	---	---
102-108 in.	---	---	43	---	---	---	52
104-110 in.	---	---	---	---	---	---	---
108-110 in.	---	---	---	---	---	---	---
108-112 in.	---	---	---	---	---	---	---
108-114 in.	---	---	44	---	---	---	68
108-132 in.	---	---	---	---	---	---	---
108-144 in.	---	---	---	---	---	---	---
110-116 in.	---	---	---	---	---	---	---
114-116 in.	---	---	---	---	---	---	---
114-117 in.	---	---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.



Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-036 07/12/99 GD Area 3A c/min	SB-037 07/13/99 GD c/min	SB-038 07/13/99 GD Area 3A c/min	SB-039 07/13/99 GD c/min	SB-040 07/13/99 GD c/min	SB-041 07/13/99 GD c/min
114-120 in.		---	73	---	---	---	56
114-144 in.		---	---	---	---	---	---
116-122 in.		---	---	---	---	---	---
116-144 in.		---	---	---	---	---	---
120-123 in.		---	---	---	---	---	---
120-126 in.		---	43	---	---	---	---
120-144 in.		---	---	---	---	---	---
122-128 in.		---	---	---	---	---	---
123-144 in.		---	---	---	---	---	---
126-130 in.		---	---	---	---	---	---
126-132 in.		---	44	---	---	---	---
126-144 in.		---	---	---	---	---	---
128-132 in.		---	---	---	---	---	---
130-144 in.		---	---	---	---	---	---
132-134 in.		---	---	---	---	---	---
132-135 in.		---	---	---	---	---	---
132-136 in.		---	---	---	---	---	---
132-138 in.		---	36	---	---	---	---
132-144 in.		---	---	---	---	---	---
134-144 in.		---	---	---	---	---	---
135-144 in.		---	---	---	---	---	---
136-142 in.		---	---	---	---	---	---
138-141 in.		---	---	---	---	---	---
138-142 in.		---	---	---	---	---	---
138-144 in.		---	NL	---	---	---	---
141-144 in.		---	---	---	---	---	---
142-144 in.		---	---	---	---	---	---
142-148 in.		---	---	---	---	---	---
144-150 in.		---	---	---	---	---	---
144-168 in.		---	54	---	---	---	---
148-154 in.		---	---	---	---	---	---
150-156 in.		---	---	---	---	---	---
154-162 in.		---	---	---	---	---	---
156-160 in.		---	---	---	---	---	---
156-162 in.		---	---	---	---	---	---
160-162 in.		---	---	---	---	---	---
160-166 in.		---	---	---	---	---	---
162-168 in.		---	---	---	---	---	---
166-192 in.		---	---	---	---	---	---
168-174 in.		---	---	---	---	---	---
168-192 in.		---	35 (51)	---	---	---	---
174-180 in.		---	---	---	---	---	---
174-192 in.		---	---	---	---	---	---
180-184 in.		---	---	---	---	---	---
180-186 in.		---	---	---	---	---	---
180-192 in.		---	---	---	---	---	---
184-192 in.		---	---	---	---	---	---
186-189 in.		---	---	---	---	---	---
186-190 in.		---	---	---	---	---	---
186-192 in.		---	---	---	---	---	---
189-192 in.		---	---	---	---	---	---
190-192 in.		---	---	---	---	---	---
192-198 in.		---	---	---	---	---	---
192-216 in.		---	---	---	---	---	---
198-214 in.		---	---	---	---	---	---
214-220 in.		---	---	---	---	---	---
216-222 in.		---	---	---	---	---	---
216-240 in.		---	---	---	---	---	---
220-226 in.		---	---	---	---	---	---
222-228 in.		---	---	---	---	---	---
226-232 in.		---	---	---	---	---	---
228-234 in.		---	---	---	---	---	---
234-240 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
BK - Background, DPW - Department of Public Works.

Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-042 07/13/99 GD c/min	SB-043 07/13/99 GD c/min	SB-044 07/13/99 GD c/min	SB-045 07/14/99 GD Area 3C c/min	SB-046 07/14/99 GD c/min	SB-047 07/14/99 GD Area 3C c/min
0-3 in.		---	---	---	---	---	---
0-6 in.		41	51	25	39	53	86
3-6 in.		---	---	---	---	---	---
6-9 in.		---	---	---	---	---	---
6-12 in.		112	76	42	230 (194)	92	54
9-11 in.		---	---	---	---	---	---
9-12 in.		---	---	---	---	---	---
9-13 in.		---	---	---	---	---	---
12-14 in.		---	---	---	---	---	---
12-15 in.		---	---	---	---	---	---
12-18 in.		73	62	45	94	31	43
12-48 in.		---	---	---	---	---	---
15-18 in.		---	---	---	---	---	---
15-21 in.		---	---	---	---	---	---
18-21 in.		---	---	---	---	---	---
18-24 in.		43	73	47	43	32	79
18-48 in.		---	---	---	---	---	---
21-24 in.		---	---	---	---	---	---
21-27 in.		---	---	---	---	---	---
21-48 in.		---	---	---	---	---	---
24-28 in.		---	---	---	---	---	---
24-30 in.		77	75	33	51	28	---
24-48 in.		---	---	---	---	---	NL
27-30 in.		---	---	---	---	---	---
28-48 in.		---	---	---	---	---	---
30-32 in.		---	---	---	---	---	---
30-33 in.		---	---	---	---	---	---
30-34 in.		---	---	---	---	30	---
30-36 in.		---	59	21	NL	---	---
30-48 in.		NL	---	---	---	---	---
32-48 in.		---	---	---	---	---	---
33-37 in.		---	---	---	---	---	---
33-48 in.		---	---	---	---	---	---
34-36 in.		---	---	---	---	40	---
34-48 in.		---	---	---	---	---	---
36-38 in.		---	---	---	---	---	---
36-39 in.		---	---	---	---	---	---
36-40 in.		---	---	37	---	---	---
36-41 in.		---	---	---	---	---	---
36-42 in.		---	33	---	---	---	---
36-48 in.		---	---	---	NL	NL	---
37-48 in.		---	---	---	---	---	---
38-46 in.		---	---	---	---	---	---
38-48 in.		---	---	---	---	---	---
39-42 in.		---	---	---	---	---	---
39-48 in.		---	---	---	---	---	---
40-48 in.		---	---	NL	---	---	---
41-48 in.		---	---	---	---	---	---
42-44 in.		---	---	---	---	---	---
42-45 in.		---	---	---	---	---	---
42-46 in.		---	---	---	---	---	---
42-48 in.		---	NL	---	---	---	---
44-48 in.		---	---	---	---	---	---
44-50 in.		---	---	---	---	---	---
45-48 in.		---	---	---	---	---	---
46-48 in.		---	---	---	---	---	---
46-52 in.		---	---	---	---	---	---
48-52 in.		---	---	---	---	---	---
48-54 in.		80	52	43	175	47	496
48-60 in.		---	---	---	---	---	---
48-89 in.		---	---	---	---	---	---
50-56 in.		---	---	---	---	---	---
52-58 in.		---	---	---	---	---	---
54-60 in.		32	30	42	230	67	74
56-62 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-042 07/13/99 GD c/min	SB-043 07/13/99 GD c/min	SB-044 07/13/99 GD c/min	SB-045 07/14/99 GD Area 3C c/min	SB-046 07/14/99 GD c/min	SB-047 07/14/99 GD Area 3C c/min
58-64 in.		---	---	---	---	---	---
60-64 in.		---	---	---	---	---	---
60-66 in.		32	41	35	328	37	142
60-96 in.		---	---	---	---	---	---
62-68 in.		---	---	---	---	---	---
64-70 in.		---	---	---	---	---	---
64-96 in.		---	---	---	---	---	---
66-69 in.		---	---	---	---	---	---
66-70 in.		---	---	---	---	---	---
66-72 in.		39	37	35	493	41	210
66-96 in.		---	---	---	---	---	---
68-74 in.		---	---	---	---	---	---
69-72 in.		---	---	---	---	---	---
70-76 in.		---	---	---	---	---	---
70-96 in.		---	---	---	---	---	---
72-74 in.		---	---	---	---	---	---
72-76 in.		---	---	---	---	---	---
72-78 in.		41	33	42	57595	35	136
72-80 in.		---	---	---	---	---	---
72-84 in.		---	---	---	---	---	---
72-96 in.		---	---	---	---	---	---
74-80 in.		---	---	---	---	---	---
74-96 in.		---	---	---	---	---	---
76-82 in.		---	---	---	---	---	---
76-96 in.		---	---	---	---	---	---
78-81 in.		---	---	---	---	---	---
78-82 in.		---	23	---	---	---	---
78-84 in.		36	---	51	4696	313	463
78-96 in.		---	---	---	---	---	---
80-86 in.		---	---	---	---	---	---
81-96 in.		---	---	---	---	---	---
82-88 in.		---	---	---	---	---	---
84-87 in.		---	---	---	---	---	---
84-88 in.		---	---	---	---	---	---
84-90 in.		42	---	89	489	93	472
84-96 in.		---	---	---	---	---	---
86-88 in.		---	---	---	---	---	---
86-92 in.		---	---	---	---	---	---
87-96 in.		---	---	---	---	---	---
88-92 in.		---	---	---	---	---	---
88-96 in.		---	---	---	---	---	---
89-96 in.		---	---	---	---	---	---
90-92 in.		---	---	---	---	---	---
90-93 in.		---	---	---	---	---	---
90-94 in.		---	---	---	---	84	---
90-96 in.		NL	---	NL	NL	---	NL
92-96 in.		---	---	---	---	---	---
92-98 in.		---	---	---	---	---	---
93-96 in.		---	---	---	---	---	---
94-96 in.		---	---	---	---	NL	---
96-98 in.		---	---	---	---	---	---
96-102 in.		36	---	49	19764	60	144
96-144 in.		---	---	---	---	---	---
98-102 in.		---	---	---	---	---	---
98-104 in.		---	---	---	---	---	---
102-108 in.		42	---	35	1201	117	117
104-110 in.		---	---	---	---	---	---
108-110 in.		---	---	---	---	---	---
108-112 in.		---	---	---	---	---	---
108-114 in.		34	---	52	453	83	262
108-132 in.		---	---	---	---	---	---
108-144 in.		---	---	---	---	---	---
110-116 in.		---	---	---	---	---	---
114-116 in.		33	---	---	---	---	---
14-117 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-042 07/13/99 GD c/min	SB-043 07/13/99 GD c/min	SB-044 07/13/99 GD c/min	SB-045 07/14/99 GD Area 3C c/min	SB-046 07/14/99 GD c/min	SB-047 07/14/99 GD Area 3C c/min
114-120 in.		---	---	38	256	40	120
114-144 in.		---	---	---	---	---	---
116-122 in.		---	---	---	---	---	---
116-144 in.		NL	---	---	---	---	---
120-123 in.		---	---	---	---	---	---
120-126 in.		---	---	35	290	57	167
120-144 in.		---	---	---	---	---	---
122-128 in.		---	---	---	---	---	---
123-144 in.		---	---	---	---	---	---
126-130 in.		---	---	---	---	---	---
126-132 in.		---	---	36	152	31	150
126-144 in.		---	---	---	---	---	---
128-132 in.		---	---	---	---	---	---
130-144 in.		---	---	---	---	---	---
132-134 in.		---	---	---	229	---	89
132-135 in.		---	---	---	---	86	---
132-136 in.		---	---	---	---	---	---
132-138 in.		---	---	36	---	---	---
132-144 in.		---	---	---	---	---	---
134-144 in.		---	---	---	NL	---	---
135-144 in.		---	---	---	---	NL	---
136-142 in.		---	---	---	---	---	---
138-141 in.		---	---	---	---	---	---
138-142 in.		---	---	---	---	---	---
138-144 in.		---	---	NL	---	---	---
141-144 in.		---	---	---	---	---	---
142-144 in.		---	---	---	---	---	---
142-148 in.		---	---	---	---	---	---
144-150 in.		---	---	---	278	---	---
144-168 in.		---	---	---	---	---	---
148-154 in.		---	---	---	---	---	---
150-156 in.		---	---	---	166	---	---
154-162 in.		---	---	---	---	---	---
156-160 in.		---	---	---	---	---	---
156-162 in.		---	---	---	126	---	---
160-162 in.		---	---	---	---	---	---
160-166 in.		---	---	---	---	---	---
162-168 in.		---	---	---	70	---	---
166-192 in.		---	---	---	---	---	---
168-174 in.		---	---	---	69	---	---
168-192 in.		---	---	---	---	---	---
174-180 in.		---	---	---	84	---	---
174-192 in.		---	---	---	---	---	---
180-184 in.		---	---	---	65	---	---
180-186 in.		---	---	---	---	---	---
180-192 in.		---	---	---	---	---	---
184-192 in.		---	---	---	NL	---	---
186-189 in.		---	---	---	---	---	---
186-190 in.		---	---	---	---	---	---
186-192 in.		---	---	---	---	---	---
189-192 in.		---	---	---	---	---	---
190-192 in.		---	---	---	---	---	---
192-198 in.		---	---	---	71	---	---
192-216 in.		---	---	---	---	---	---
198-214 in.		---	---	---	58	---	---
214-220 in.		---	---	---	47	---	---
216-222 in.		---	---	---	---	---	---
216-240 in.		---	---	---	---	---	---
220-226 in.		---	---	---	45	---	---
222-228 in.		---	---	---	---	---	---
226-232 in.		---	---	---	39	---	---
228-234 in.		---	---	---	---	---	---
234-240 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
BK - Background, DPW - Department of Public Works.

Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-048 07/14/99 GD c/min	SB-049 07/14/99 GD c/min	SB-049B 07/15/99 GD c/min	SB-050 07/14/99 GD c/min	SB-051 07/15/99 GD c/min	SB-052 07/15/99 GD c/min
0-3 in.		---	---	---	---	---	---
0-6 in.		42	41	---	73	102	30
3-6 in.		---	---	---	---	---	---
6-9 in.		---	---	---	---	---	---
6-12 in.		45	79	---	53	154	33
9-11 in.		---	---	---	---	---	---
9-12 in.		---	---	---	---	---	---
9-13 in.		---	---	---	---	---	---
12-14 in.		---	---	---	---	---	---
12-15 in.		---	---	---	---	---	---
12-18 in.		43	42	---	57	252	136
12-48 in.		---	---	---	---	---	---
15-18 in.		---	---	---	---	---	---
15-21 in.		---	---	---	---	---	---
18-21 in.		---	---	---	---	---	---
18-24 in.		40	60	---	52	62	196
18-48 in.		---	---	---	---	---	---
21-24 in.		---	---	---	---	---	---
21-27 in.		---	---	---	---	---	---
21-48 in.		---	---	---	---	---	---
24-28 in.		41	---	---	---	---	---
24-30 in.		---	53	---	174	211	202
24-48 in.		---	---	---	---	---	---
27-30 in.		---	---	---	---	---	---
28-48 in.		NL	---	---	---	---	---
30-32 in.		---	---	---	---	---	---
30-33 in.		---	---	---	---	---	---
30-34 in.		---	---	---	---	---	---
30-36 in.		---	---	---	74	197	72
30-48 in.		---	NL	---	---	---	---
32-48 in.		---	---	---	---	---	---
33-37 in.		---	---	---	---	---	---
33-48 in.		---	---	---	---	---	---
34-36 in.		---	---	---	---	---	---
34-48 in.		---	---	---	---	---	---
36-38 in.		---	---	---	---	---	---
36-39 in.		---	---	---	---	---	---
36-40 in.		---	---	---	89	---	---
36-41 in.		---	---	---	---	---	---
36-42 in.		---	---	---	---	---	51
36-48 in.		---	---	---	---	NL	---
37-48 in.		---	---	---	---	---	---
38-46 in.		---	---	---	---	---	---
38-48 in.		---	---	---	---	---	---
39-42 in.		---	---	---	---	---	---
39-48 in.		---	---	---	---	---	---
40-48 in.		---	---	---	NL	---	---
41-48 in.		---	---	---	---	---	---
42-44 in.		---	---	---	---	---	---
42-45 in.		---	---	---	---	---	---
42-46 in.		---	---	---	---	---	---
42-48 in.		---	---	---	---	---	NL
44-48 in.		---	---	---	---	---	---
44-50 in.		---	---	---	---	---	---
45-48 in.		---	---	---	---	---	---
46-48 in.		---	---	---	---	---	---
46-52 in.		---	---	---	---	---	---
48-52 in.		---	---	---	---	---	---
48-54 in.		41	61	---	124	133	---
48-60 in.		---	---	---	---	---	---
48-89 in.		---	---	---	---	---	---
50-56 in.		---	---	---	---	---	---
52-58 in.		---	---	---	---	---	---
54-60 in.		37	33	---	105	93	---
6-62 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-048 07/14/99 GD c/min	SB-049 07/14/99 GD c/min	SB-049B 07/15/99 GD c/min	SB-050 07/14/99 GD c/min	SB-051 07/15/99 GD c/min	SB-052 07/15/99 GD c/min
58-64 in.		---	---	---	---	---	---
60-64 in.		---	---	---	---	---	---
60-66 in.		52	62	---	152	51	---
60-96 in.		---	---	---	---	---	---
62-68 in.		---	---	---	---	---	---
64-70 in.		---	---	---	---	---	---
64-96 in.		---	---	---	---	---	---
66-69 in.		---	---	---	---	---	---
66-70 in.		---	---	---	---	---	---
66-72 in.		43	48	---	92	33	---
66-96 in.		---	---	---	---	---	---
68-74 in.		---	---	---	---	---	---
69-72 in.		---	---	---	---	---	---
70-76 in.		---	---	---	---	---	---
70-96 in.		---	---	---	---	---	---
72-74 in.		---	---	---	---	---	---
72-76 in.		---	---	---	---	---	---
72-78 in.		70	---	---	69	39	---
72-80 in.		---	---	---	---	---	---
72-84 in.		---	---	---	---	---	---
72-96 in.		---	NL	---	---	---	---
74-80 in.		---	---	---	---	---	---
74-96 in.		---	---	---	---	---	---
76-82 in.		---	---	---	---	---	---
76-96 in.		---	---	---	---	---	---
78-81 in.		---	---	---	---	---	---
78-82 in.		---	---	---	---	---	---
78-84 in.		54	---	---	272	47	---
78-96 in.		---	---	---	---	---	---
80-86 in.		---	---	---	---	---	---
81-96 in.		---	---	---	---	---	---
82-88 in.		---	---	---	---	---	---
84-87 in.		---	---	---	---	---	---
84-88 in.		---	---	---	---	---	---
84-90 in.		50	---	---	---	46	---
84-96 in.		---	---	---	NL	---	---
86-88 in.		---	---	---	---	---	---
86-92 in.		---	---	---	---	---	---
87-96 in.		---	---	---	---	---	---
88-92 in.		---	---	---	---	---	---
88-96 in.		---	---	---	---	---	---
89-96 in.		---	---	---	---	---	---
90-92 in.		---	---	---	---	---	---
90-93 in.		---	---	---	---	---	---
90-94 in.		---	---	---	---	---	---
90-96 in.		NL	---	---	---	NL	---
92-96 in.		---	---	---	---	---	---
92-98 in.		---	---	---	---	---	---
93-96 in.		---	---	---	---	---	---
94-96 in.		---	---	---	---	---	---
96-98 in.		60	---	---	---	---	---
96-102 in.		---	61	---	93	---	---
96-144 in.		---	---	---	---	---	---
98-102 in.		41	---	---	---	---	---
98-104 in.		---	---	---	---	---	---
102-108 in.		45	57	---	71	---	---
104-110 in.		---	---	---	---	---	---
108-110 in.		---	---	---	---	---	---
108-112 in.		---	---	---	---	---	---
108-114 in.		46	55	---	64	---	---
108-132 in.		---	---	---	---	---	---
108-144 in.		---	---	---	---	---	---
110-116 in.		---	---	---	---	---	---
114-116 in.		---	---	---	---	---	---
114-117 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-048 07/14/99 GD c/min	SB-049 07/14/99 GD c/min	SB-049B 07/15/99 GD c/min	SB-050 07/14/99 GD c/min	SB-051 07/15/99 GD c/min	SB-052 07/15/99 GD c/min
114-120 in.		---	43	---	50	---	---
114-144 in.		NL	---	---	---	---	---
116-122 in.		---	---	---	---	---	---
116-144 in.		---	---	---	---	---	---
120-123 in.		---	---	---	---	---	---
120-126 in.		---	56	---	48	---	---
120-144 in.		---	---	---	---	---	---
122-128 in.		---	---	---	---	---	---
123-144 in.		---	---	---	---	---	---
126-130 in.		---	---	---	---	---	---
126-132 in.		---	---	---	57	---	---
126-144 in.		---	NL	---	---	---	---
128-132 in.		---	---	---	---	---	---
130-144 in.		---	---	---	---	---	---
132-134 in.		---	---	---	---	---	---
132-135 in.		---	---	---	---	---	---
132-136 in.		---	---	---	---	---	---
132-138 in.		---	---	---	74	---	---
132-144 in.		---	---	---	---	---	---
134-144 in.		---	---	---	---	---	---
135-144 in.		---	---	---	---	---	---
136-142 in.		---	---	---	---	---	---
138-141 in.		---	---	---	---	---	---
138-142 in.		---	---	---	---	---	---
138-144 in.		---	---	---	NL	---	---
141-144 in.		---	---	---	---	---	---
142-144 in.		---	---	---	---	---	---
142-148 in.		---	---	---	---	---	---
144-150 in.		---	197	---	101	---	---
144-168 in.		---	---	---	---	---	---
148-154 in.		---	---	---	---	---	---
150-156 in.		---	142 (142)	---	69	---	---
154-162 in.		---	---	---	---	---	---
156-160 in.		---	---	---	---	---	---
156-162 in.		---	---	---	---	---	---
160-162 in.		---	---	---	---	---	---
160-166 in.		---	---	---	---	---	---
162-168 in.		---	---	---	---	---	---
166-192 in.		---	---	---	---	---	---
168-174 in.		---	---	---	---	---	---
168-192 in.		---	---	---	---	---	---
174-180 in.		---	---	---	---	---	---
174-192 in.		---	---	---	---	---	---
180-184 in.		---	---	---	---	---	---
180-186 in.		---	---	---	---	---	---
180-192 in.		---	---	---	---	---	---
184-192 in.		---	---	---	---	---	---
186-189 in.		---	---	---	---	---	---
186-190 in.		---	---	---	---	---	---
186-192 in.		---	---	---	---	---	---
189-192 in.		---	---	---	---	---	---
190-192 in.		---	---	---	---	---	---
192-198 in.		---	---	---	---	---	---
192-216 in.		---	---	---	---	---	---
198-214 in.		---	---	---	---	---	---
214-220 in.		---	---	---	---	---	---
216-222 in.		---	---	---	---	---	---
216-240 in.		---	---	67	---	---	---
220-226 in.		---	---	---	---	---	---
222-228 in.		---	---	---	---	---	---
226-232 in.		---	---	---	---	---	---
228-234 in.		---	---	---	---	---	---
234-240 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.



Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-053 07/15/99 GD c/min	SB-054 07/15/99 GD c/min	SB-055 07/15/99 GD c/min	SB-056 07/15/99 GD c/min	SB-057 07/15/99 GD c/min	SB-058 07/15/99 GD Area 3A c/min
0-3 in.		---	---	---	---	---	---
0-6 in.		31	45	32	30	37	NL
3-6 in.		---	---	---	---	---	---
6-9 in.		---	---	---	---	---	---
6-12 in.		33	59	53	34	32	57
9-11 in.		---	---	---	---	---	---
9-12 in.		---	---	---	---	---	---
9-13 in.		---	---	---	---	---	---
12-14 in.		---	---	---	---	---	---
12-15 in.		---	---	---	---	---	---
12-18 in.		36	57	32	51	58	140
12-48 in.		---	---	---	---	---	---
15-18 in.		---	---	---	---	---	---
15-21 in.		---	---	---	---	---	---
18-21 in.		---	---	---	---	---	---
18-24 in.		54	26	33	88	46	107
18-48 in.		---	---	---	---	---	---
21-24 in.		---	---	---	---	---	---
21-27 in.		---	---	---	---	---	---
21-48 in.		---	---	---	---	---	---
24-28 in.		---	---	---	---	---	---
24-30 in.		44	37	78	114	37	56
24-48 in.		---	---	---	---	---	---
27-30 in.		---	---	---	---	---	---
28-48 in.		---	---	---	---	---	---
30-32 in.		---	---	---	---	---	---
30-33 in.		---	---	---	---	---	---
30-34 in.		---	---	---	---	---	---
30-36 in.		41	80	153	---	32	39
30-48 in.		---	---	---	NL	---	---
32-48 in.		---	---	---	---	---	---
33-37 in.		---	---	---	---	---	---
33-48 in.		---	---	---	---	---	---
34-36 in.		---	---	---	---	---	---
34-48 in.		---	---	---	---	---	---
36-38 in.		---	---	---	---	---	---
36-39 in.		---	---	---	---	---	---
36-40 in.		---	---	---	---	---	---
36-41 in.		---	---	---	---	---	---
36-42 in.		35	131	49	---	28	42
36-48 in.		---	---	---	---	---	---
37-48 in.		---	---	---	---	---	---
38-46 in.		---	---	---	---	---	---
38-48 in.		---	---	---	---	---	---
39-42 in.		---	---	---	---	---	---
39-48 in.		---	---	---	---	---	---
40-48 in.		---	---	---	---	---	---
41-48 in.		---	---	---	---	---	---
42-44 in.		---	---	---	---	---	---
42-45 in.		32	---	---	---	---	---
42-46 in.		---	---	---	---	---	---
42-48 in.		---	NL	NL	---	NL	---
44-48 in.		---	---	---	---	---	---
44-50 in.		---	---	---	---	---	---
45-48 in.		NL	---	---	---	---	---
46-48 in.		---	---	---	---	---	---
46-52 in.		---	---	---	---	---	---
48-52 in.		---	---	---	---	---	---
48-54 in.		---	81	57	38	40	---
48-60 in.		---	---	---	---	---	---
48-89 in.		---	---	---	---	---	---
50-56 in.		---	---	---	---	---	---
52-58 in.		---	---	---	---	---	---
54-60 in.		---	47	37	41	27	---
56-62 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
BK - Background, DPW - Department of Public Works.

Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-053 07/15/99 GD c/min	SB-054 07/15/99 GD c/min	SB-055 07/15/99 GD c/min	SB-056 07/15/99 GD c/min	SB-057 07/15/99 GD c/min	SB-058 07/15/99 GD Area 3A c/min
58-64 in.		---	---	---	---	---	---
60-64 in.		---	---	---	---	---	---
60-66 in.		---	171	42	34	25	---
60-96 in.		---	---	---	---	---	---
62-68 in.		---	---	---	---	---	---
64-70 in.		---	---	---	---	---	---
64-96 in.		---	---	---	---	---	---
66-69 in.		---	---	---	---	---	---
66-70 in.		---	---	---	---	---	---
66-72 in.		---	111	37	32	35	---
66-96 in.		---	---	---	---	---	---
68-74 in.		---	---	---	---	---	---
69-72 in.		---	---	---	---	---	---
70-76 in.		---	---	---	---	---	---
70-96 in.		---	---	---	---	---	---
72-74 in.		---	---	---	---	---	---
72-76 in.		---	---	---	---	---	---
72-78 in.		---	270	34	38	32	---
72-80 in.		---	---	---	---	---	---
72-84 in.		---	---	---	---	---	---
72-96 in.		---	---	---	---	---	---
74-80 in.		---	---	---	---	---	---
74-96 in.		---	---	---	---	---	---
76-82 in.		---	---	---	---	---	---
76-96 in.		---	---	---	---	---	---
78-81 in.		---	---	---	---	---	---
78-82 in.		---	---	---	---	---	---
78-84 in.		---	148	36	48	30	---
78-96 in.		---	---	---	---	---	---
80-86 in.		---	---	---	---	---	---
81-96 in.		---	---	---	---	---	---
82-88 in.		---	---	---	---	---	---
84-87 in.		---	---	---	---	---	---
84-88 in.		---	---	---	---	---	---
84-90 in.		---	---	39	29	40	---
84-96 in.		---	NL	---	---	---	---
86-88 in.		---	---	---	---	---	---
86-92 in.		---	---	---	---	---	---
87-96 in.		---	---	---	---	---	---
88-92 in.		---	---	---	---	---	---
88-96 in.		---	---	---	---	---	---
89-96 in.		---	---	---	---	---	---
90-92 in.		---	---	---	---	---	---
90-93 in.		---	---	---	---	---	---
90-94 in.		---	---	37	43	35	---
90-96 in.		---	---	---	---	---	---
92-96 in.		---	---	---	---	---	---
92-98 in.		---	---	---	---	---	---
93-96 in.		---	---	---	---	---	---
94-96 in.		---	---	NL	NL	NL	---
96-98 in.		---	---	---	---	---	---
96-102 in.		---	193	---	---	---	---
96-144 in.		---	---	---	---	---	---
98-102 in.		---	---	---	---	---	---
98-104 in.		---	---	---	---	---	---
102-108 in.		---	98	---	---	---	---
104-110 in.		---	---	---	---	---	---
108-110 in.		---	---	---	---	---	---
108-112 in.		---	---	---	---	---	---
108-114 in.		---	32	---	---	---	---
108-132 in.		---	---	---	---	---	---
108-144 in.		---	---	---	---	---	---
110-116 in.		---	---	---	---	---	---
114-116 in.		---	---	---	---	---	---
114-117 in.		---	34	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.



Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Alpha/Beta Data

Sample ID Sample Date Property * Excavation Area Units	SB-053 07/15/99 GD c/min	SB-054 07/15/99 GD c/min	SB-055 07/15/99 GD c/min	SB-056 07/15/99 GD c/min	SB-057 07/15/99 GD c/min	SB-058 07/15/99 GD Area 3A c/min
Depth						
114-120 in.	---	---	---	---	---	---
114-144 in.	---	---	---	---	---	---
116-122 in.	---	---	---	---	---	---
116-144 in.	---	---	---	---	---	---
120-123 in.	---	---	---	---	---	---
120-126 in.	---	---	---	---	---	---
120-144 in.	---	---	---	---	---	---
122-128 in.	---	---	---	---	---	---
123-144 in.	---	---	---	---	---	---
126-130 in.	---	---	---	---	---	---
126-132 in.	---	---	---	---	---	---
126-144 in.	---	---	---	---	---	---
128-132 in.	---	---	---	---	---	---
130-144 in.	---	---	---	---	---	---
132-134 in.	---	---	---	---	---	---
132-135 in.	---	---	---	---	---	---
132-136 in.	---	---	---	---	---	---
132-138 in.	---	---	---	---	---	---
132-144 in.	---	---	---	---	---	---
134-144 in.	---	---	---	---	---	---
135-144 in.	---	---	---	---	---	---
136-142 in.	---	---	---	---	---	---
138-141 in.	---	---	---	---	---	---
138-142 in.	---	---	---	---	---	---
138-144 in.	---	---	---	---	---	---
141-144 in.	---	---	---	---	---	---
142-144 in.	---	---	---	---	---	---
142-148 in.	---	---	---	---	---	---
144-150 in.	---	---	---	---	---	---
144-168 in.	---	---	---	---	---	---
148-154 in.	---	---	---	---	---	---
150-156 in.	---	---	---	---	---	---
154-162 in.	---	---	---	---	---	---
156-160 in.	---	---	---	---	---	---
156-162 in.	---	---	---	---	---	---
160-162 in.	---	---	---	---	---	---
160-166 in.	---	---	---	---	---	---
162-168 in.	---	---	---	---	---	---
166-192 in.	---	---	---	---	---	---
168-174 in.	---	---	---	---	---	---
168-192 in.	---	---	---	---	---	---
174-180 in.	---	---	---	---	---	---
174-192 in.	---	---	---	---	---	---
180-184 in.	---	---	---	---	---	---
180-186 in.	---	---	---	---	---	---
180-192 in.	---	---	---	---	---	---
184-192 in.	---	---	---	---	---	---
186-189 in.	---	---	---	---	---	---
186-190 in.	---	---	---	---	---	---
186-192 in.	---	---	---	---	---	---
189-192 in.	---	---	---	---	---	---
190-192 in.	---	---	---	---	---	---
192-198 in.	---	---	---	---	---	---
192-216 in.	---	---	---	---	---	---
198-214 in.	---	---	---	---	---	---
214-220 in.	---	---	---	---	---	---
216-222 in.	---	---	---	---	---	---
216-240 in.	---	---	---	---	---	---
220-226 in.	---	---	---	---	---	---
222-228 in.	---	---	---	---	---	---
226-232 in.	---	---	---	---	---	---
228-234 in.	---	---	---	---	---	---
234-240 in.	---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
BK - Background, DPW - Department of Public Works.



Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-059 07/16/99 GD c/min	SB-060 07/16/99 GD Area 3A c/min	SB-061 07/16/99 GD c/min	SB-062 07/16/99 GD c/min	SB-063 07/19/99 MD c/min	SB-064 07/19/99 MD c/min
0-3 in.		---	---	---	---	---	---
0-6 in.		28	36	34	34	34	25
3-6 in.		---	---	---	---	---	---
6-9 in.		---	---	---	---	---	---
6-12 in.		52	231	36	217	77	36
9-11 in.		---	---	---	---	---	---
9-12 in.		---	---	---	---	---	---
9-13 in.		---	---	---	---	---	---
12-14 in.		---	---	---	---	---	---
12-15 in.		---	---	---	---	---	---
12-18 in.		43	63	81	61	43	44
12-48 in.		---	---	---	---	---	---
15-18 in.		---	---	---	---	---	---
15-21 in.		---	---	---	---	---	---
18-21 in.		---	---	---	---	---	---
18-24 in.		86	54	43	107	50	153
18-48 in.		---	---	---	---	---	---
21-24 in.		---	---	---	---	---	---
21-27 in.		---	---	---	---	---	---
21-48 in.		---	---	---	---	---	---
24-28 in.		---	---	---	---	---	---
24-30 in.		163	29	31	52	66	---
24-48 in.		---	---	---	---	---	NL
27-30 in.		---	---	---	---	---	---
28-48 in.		---	---	---	---	---	---
30-32 in.		---	---	---	---	---	---
30-33 in.		---	---	---	---	---	---
30-34 in.		---	---	---	---	---	---
30-36 in.		66	39	37	56	56	---
30-48 in.		---	---	---	---	---	---
32-48 in.		---	---	---	---	---	---
33-37 in.		---	---	---	---	---	---
33-48 in.		---	---	---	---	---	---
34-36 in.		---	---	---	---	---	---
34-48 in.		---	---	---	---	---	---
36-38 in.		38	---	---	---	---	---
36-39 in.		---	39	---	---	---	---
36-40 in.		---	---	---	41	---	---
36-41 in.		---	---	39	---	---	---
36-42 in.		---	---	---	---	---	---
36-48 in.		---	---	---	---	NL	---
37-48 in.		---	---	---	---	---	---
38-46 in.		---	---	---	---	---	---
38-48 in.		NL	---	---	---	---	---
39-42 in.		---	---	---	---	---	---
39-48 in.		---	NL	---	---	---	---
40-48 in.		---	---	---	NL	---	---
41-48 in.		---	---	NL	---	---	---
42-44 in.		---	---	---	---	---	---
42-45 in.		---	---	---	---	---	---
42-46 in.		---	---	---	---	---	---
42-48 in.		---	---	---	---	---	---
44-48 in.		---	---	---	---	---	---
44-50 in.		---	---	---	---	---	---
45-48 in.		---	---	---	---	---	---
46-48 in.		---	---	---	---	---	---
46-52 in.		---	---	---	---	---	---
48-52 in.		---	---	---	---	---	---
48-54 in.		123	---	---	---	53	42
48-60 in.		---	---	---	---	---	---
48-89 in.		---	---	---	---	---	---
50-56 in.		---	---	---	---	---	---
52-58 in.		---	---	---	---	---	---
54-60 in.		53	---	---	---	34	30
6-62 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
BK - Background, DPW - Department of Public Works.

Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-059 07/16/99 GD c/min	SB-060 07/16/99 GD Area 3A c/min	SB-061 07/16/99 GD c/min	SB-062 07/16/99 GD c/min	SB-063 07/19/99 MD c/min	SB-064 07/19/99 MD c/min
58-64 in.		---	---	---	---	---	---
60-64 in.		---	---	---	---	---	---
60-66 in.		42	---	---	---	33	---
60-96 in.		---	---	---	---	---	NL
62-68 in.		---	---	---	---	---	---
64-70 in.		---	---	---	---	---	---
64-96 in.		---	---	---	---	---	---
66-69 in.		---	---	---	---	---	---
66-70 in.		---	---	---	---	---	---
66-72 in.		49	---	---	---	43	---
66-96 in.		---	---	---	---	---	---
68-74 in.		---	---	---	---	---	---
69-72 in.		---	---	---	---	---	---
70-76 in.		---	---	---	---	---	---
70-96 in.		---	---	---	---	---	---
72-74 in.		---	---	---	---	---	---
72-76 in.		---	---	---	---	---	---
72-78 in.		62	---	---	---	---	---
72-80 in.		---	---	---	---	---	---
72-84 in.		---	---	---	---	---	---
72-96 in.		---	---	---	---	NL	---
74-80 in.		---	---	---	---	---	---
74-96 in.		---	---	---	---	---	---
76-82 in.		---	---	---	---	---	---
76-96 in.		---	---	---	---	---	---
78-81 in.		---	---	---	---	---	---
78-82 in.		---	---	---	---	---	---
78-84 in.		65	---	---	---	---	---
78-96 in.		---	---	---	---	---	---
80-86 in.		---	---	---	---	---	---
81-96 in.		---	---	---	---	---	---
82-88 in.		---	---	---	---	---	---
84-87 in.		---	---	---	---	---	---
84-88 in.		---	---	---	---	---	---
84-90 in.		83	---	---	---	---	---
84-96 in.		---	---	---	---	---	---
86-88 in.		---	---	---	---	---	---
86-92 in.		---	---	---	---	---	---
87-96 in.		---	---	---	---	---	---
88-92 in.		---	---	---	---	---	---
88-96 in.		---	---	---	---	---	---
89-96 in.		---	---	---	---	---	---
90-92 in.		---	---	---	---	---	---
90-93 in.		---	---	---	---	---	---
90-94 in.		48	---	---	---	---	---
90-96 in.		---	---	---	---	---	---
92-96 in.		---	---	---	---	---	---
92-98 in.		---	---	---	---	---	---
93-96 in.		---	---	---	---	---	---
94-96 in.		NL	---	---	---	---	---
96-98 in.		---	---	---	---	---	---
96-102 in.		73	---	---	---	44	61
96-144 in.		---	---	---	---	---	---
98-102 in.		---	---	---	---	---	---
98-104 in.		---	---	---	---	---	---
102-108 in.		47	---	---	---	34	70
104-110 in.		---	---	---	---	---	---
108-110 in.		---	---	---	---	---	---
108-112 in.		---	---	---	---	---	---
108-114 in.		51	---	---	---	67	---
108-132 in.		---	---	---	---	---	NL
108-144 in.		---	---	---	---	---	---
110-116 in.		---	---	---	---	---	---
114-116 in.		---	---	---	---	---	---
114-117 in.		---	---	---	---	---	---

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* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
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Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-059 07/16/99 GD c/min	SB-060 07/16/99 GD Area 3A c/min	SB-061 07/16/99 GD c/min	SB-062 07/16/99 GD c/min	SB-063 07/19/99 MD c/min	SB-064 07/19/99 MD c/min
114-120 in.		71	---	---	---	36	---
114-144 in.		---	---	---	---	---	---
116-122 in.		---	---	---	---	---	---
116-144 in.		---	---	---	---	---	---
120-123 in.		---	---	---	---	---	---
120-126 in.		58	---	---	---	---	---
120-144 in.		---	---	---	---	NL	---
122-128 in.		---	---	---	---	---	---
123-144 in.		---	---	---	---	---	---
126-130 in.		---	---	---	---	---	---
126-132 in.		65	---	---	---	---	---
126-144 in.		---	---	---	---	---	---
128-132 in.		---	---	---	---	---	---
130-144 in.		---	---	---	---	---	---
132-134 in.		---	---	---	---	---	---
132-135 in.		---	---	---	---	---	---
132-136 in.		---	---	---	---	---	---
132-138 in.		45	---	---	---	---	---
132-144 in.		---	---	---	---	---	---
134-144 in.		---	---	---	---	---	---
135-144 in.		---	---	---	---	---	---
136-142 in.		---	---	---	---	---	---
138-141 in.		---	---	---	---	---	---
138-142 in.		---	---	---	---	---	---
138-144 in.		46	---	---	---	---	---
141-144 in.		---	---	---	---	---	---
142-144 in.		---	---	---	---	---	---
142-148 in.		---	---	---	---	---	---
144-150 in.		---	---	---	---	55	---
144-168 in.		---	---	---	---	---	---
148-154 in.		---	---	---	---	---	---
150-156 in.		---	---	---	---	39	---
154-162 in.		---	---	---	---	---	---
156-160 in.		---	---	---	---	---	---
156-162 in.		---	---	---	---	46	---
160-162 in.		---	---	---	---	---	---
160-166 in.		---	---	---	---	---	---
162-168 in.		---	---	---	---	48	---
166-192 in.		---	---	---	---	---	---
168-174 in.		---	---	---	---	36	---
168-192 in.		---	---	---	---	---	---
174-180 in.		---	---	---	---	36	---
174-192 in.		---	---	---	---	---	---
180-184 in.		---	---	---	---	---	---
180-186 in.		---	---	---	---	43	---
180-192 in.		---	---	---	---	---	---
184-192 in.		---	---	---	---	---	---
186-189 in.		---	---	---	---	---	---
186-190 in.		---	---	---	---	---	---
186-192 in.		---	---	---	---	33	---
189-192 in.		---	---	---	---	---	---
190-192 in.		---	---	---	---	---	---
192-198 in.		---	---	---	---	---	---
192-216 in.		---	---	---	---	---	---
198-214 in.		---	---	---	---	---	---
214-220 in.		---	---	---	---	---	---
216-222 in.		---	---	---	---	---	---
216-240 in.		---	---	---	---	---	---
220-226 in.		---	---	---	---	---	---
222-228 in.		---	---	---	---	---	---
226-232 in.		---	---	---	---	---	---
228-234 in.		---	---	---	---	---	---
234-240 in.		---	---	---	---	---	---

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Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-065 07/19/99 MD c/min	SB-066 07/19/99 MD c/min	SB-067 07/19/99 MD c/min	SB-068 07/19/99 MD c/min	SB-069 07/19/99 MD c/min	SB-070 07/20/99 MD c/min
0-3 in.		---	---	---	---	---	---
0-6 in.		34	33	29	41	37	27
3-6 in.		---	---	---	---	---	---
6-9 in.		---	---	---	---	---	---
6-12 in.		41	35	73	45	40	52
9-11 in.		---	---	---	---	---	---
9-12 in.		---	---	---	---	---	---
9-13 in.		---	---	---	---	---	---
12-14 in.		---	---	---	---	---	---
12-15 in.		---	---	---	---	---	---
12-18 in.		40	45	56	65	42	52
12-48 in.		---	---	---	---	---	---
15-18 in.		---	---	---	---	---	---
15-21 in.		---	---	---	---	---	---
18-21 in.		---	---	---	61	---	---
18-24 in.		82	50	38	---	35	62
18-48 in.		---	---	---	---	---	---
21-24 in.		---	---	---	---	---	---
21-27 in.		---	---	---	100	---	---
21-48 in.		---	---	---	---	---	---
24-28 in.		---	---	---	---	---	---
24-30 in.		62	---	47	---	NL	42
24-48 in.		---	NL	---	---	---	---
27-30 in.		---	---	---	55	---	---
28-48 in.		---	---	---	---	---	---
30-32 in.		---	---	---	---	---	---
30-33 in.		---	---	---	---	---	---
30-34 in.		---	---	---	---	---	---
30-36 in.		37	---	46	NL	NL	53
30-48 in.		---	---	---	---	---	---
32-48 in.		---	---	---	---	---	---
33-37 in.		---	---	---	---	---	---
33-48 in.		---	---	---	---	---	---
34-36 in.		---	---	---	---	---	---
34-48 in.		---	---	---	---	---	---
36-38 in.		33	---	---	---	---	---
36-39 in.		---	---	---	---	---	---
36-40 in.		---	---	---	---	---	---
36-41 in.		---	---	---	---	---	---
36-42 in.		---	---	41	NL	NL	---
36-48 in.		---	---	---	---	---	NL
37-48 in.		---	---	---	---	---	---
38-46 in.		---	---	---	---	---	---
38-48 in.		NL	---	---	---	---	---
39-42 in.		---	---	---	---	---	---
39-48 in.		---	---	---	---	---	---
40-48 in.		---	---	---	---	---	---
41-48 in.		---	---	---	---	---	---
42-44 in.		---	---	30	---	---	---
42-45 in.		---	---	---	---	---	---
42-46 in.		---	---	---	NL	---	---
42-48 in.		---	---	---	---	NL	---
44-48 in.		---	---	NL	---	---	---
44-50 in.		---	---	---	---	---	---
45-48 in.		---	---	---	---	---	---
46-48 in.		---	---	---	NL	---	---
46-52 in.		---	---	---	---	---	---
48-52 in.		---	---	---	---	---	---
48-54 in.		57	37	52	96	55	49
48-60 in.		---	---	---	---	---	---
48-89 in.		---	---	---	---	---	---
50-56 in.		---	---	---	---	---	---
52-58 in.		---	---	---	---	---	---
54-60 in.		34	38	43	41	35	40
56-62 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-065 07/19/99 MD c/min	SB-066 07/19/99 MD c/min	SB-067 07/19/99 MD c/min	SB-068 07/19/99 MD c/min	SB-069 07/19/99 MD c/min	SB-070 07/20/99 MD c/min
58-64 in.		---	---	---	---	---	---
60-64 in.		---	---	---	---	---	---
60-66 in.		30	35	42	38	75	30
60-96 in.		---	---	---	---	---	---
62-68 in.		---	---	---	---	---	---
64-70 in.		---	---	---	---	---	---
64-96 in.		---	---	---	---	---	---
66-69 in.		---	---	---	---	---	---
66-70 in.		---	---	---	---	---	---
66-72 in.		33	33	34	34	69	40
66-96 in.		---	---	---	---	---	---
68-74 in.		---	---	---	---	---	---
69-72 in.		---	---	---	---	---	---
70-76 in.		---	---	---	---	---	---
70-96 in.		---	---	---	---	---	---
72-74 in.		---	---	---	---	---	---
72-76 in.		---	26	---	---	73	---
72-78 in.		40	---	45	40	---	---
72-80 in.		---	---	---	---	---	---
72-84 in.		---	---	---	---	---	40
72-96 in.		---	---	---	---	---	---
74-80 in.		---	---	---	---	---	---
74-96 in.		---	---	---	---	---	---
76-82 in.		---	---	---	---	---	---
76-96 in.		---	NL	---	---	NL	---
78-81 in.		---	---	---	---	---	---
78-82 in.		---	---	---	---	---	---
78-84 in.		35	---	33	32	---	---
78-96 in.		---	---	---	---	---	---
80-86 in.		---	---	---	---	---	---
81-96 in.		---	---	---	---	---	---
82-88 in.		---	---	---	---	---	---
84-87 in.		---	---	---	---	---	---
84-88 in.		---	---	32	---	---	---
84-90 in.		40	---	---	38	---	31
84-96 in.		---	---	---	---	---	---
86-88 in.		---	---	---	---	---	---
86-92 in.		---	---	---	---	---	---
87-96 in.		---	---	---	---	---	---
88-92 in.		---	---	---	---	---	---
88-96 in.		---	---	NL	---	---	---
89-96 in.		---	---	---	---	---	---
90-92 in.		---	---	---	---	---	---
90-93 in.		23	---	---	---	---	---
90-94 in.		---	---	---	38	---	49
90-96 in.		---	---	---	---	---	---
92-96 in.		---	---	---	---	---	---
92-98 in.		---	---	---	---	---	---
93-96 in.		NL	---	---	---	---	---
94-96 in.		---	---	---	NL	---	NL
96-98 in.		---	---	---	---	---	---
96-102 in.		39	39	---	---	45	---
96-144 in.		---	---	---	---	---	---
98-102 in.		---	---	---	---	---	---
98-104 in.		---	---	---	---	---	---
102-108 in.		43	33	---	---	46	---
104-110 in.		---	---	---	---	---	---
108-110 in.		---	---	---	---	---	---
108-112 in.		---	33	---	---	---	---
108-114 in.		44	---	---	---	55	---
108-132 in.		---	---	---	---	---	---
108-144 in.		---	---	---	---	---	---
110-116 in.		---	---	---	---	---	---
114-116 in.		---	---	---	---	---	---
114-117 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.



Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-065 07/19/99 MD c/min	SB-066 07/19/99 MD c/min	SB-067 07/19/99 MD c/min	SB-068 07/19/99 MD c/min	SB-069 07/19/99 MD c/min	SB-070 07/20/99 MD c/min
114-120 in.		41	---	---	---	49	---
114-144 in.		---	---	---	---	---	---
116-122 in.		---	---	---	---	---	---
116-144 in.		---	---	---	---	---	---
120-123 in.		---	---	---	---	---	---
120-126 in.		40	---	---	---	26	---
120-144 in.		---	---	---	---	---	---
122-128 in.		---	---	---	---	---	---
123-144 in.		---	---	---	---	---	---
126-130 in.		---	---	---	---	---	---
126-132 in.		30	---	---	---	46	---
126-144 in.		---	---	---	---	---	---
128-132 in.		---	---	---	---	---	---
130-144 in.		---	---	---	---	---	---
132-134 in.		---	---	---	---	---	---
132-135 in.		37	---	---	---	---	---
132-136 in.		---	---	---	---	---	---
132-138 in.		---	---	---	---	33	---
132-144 in.		---	---	---	---	---	---
134-144 in.		---	---	---	---	---	---
135-144 in.		NL	---	---	---	---	---
136-142 in.		---	---	---	---	---	---
138-141 in.		---	---	---	---	---	---
138-142 in.		---	---	---	---	34	---
138-144 in.		---	---	---	---	---	---
141-144 in.		---	---	---	---	---	---
142-144 in.		---	---	---	---	NL	---
142-148 in.		---	---	---	---	---	---
144-150 in.		---	---	---	---	42	---
144-168 in.		---	---	---	---	---	---
148-154 in.		---	---	---	---	---	---
150-156 in.		---	---	---	---	41	---
154-162 in.		---	---	---	---	---	---
156-160 in.		---	---	---	---	---	---
156-162 in.		---	---	---	---	68	---
160-162 in.		---	---	---	---	---	---
160-166 in.		---	---	---	---	---	---
162-168 in.		---	---	---	---	36	---
166-192 in.		---	---	---	---	---	---
168-174 in.		---	---	---	---	45	---
168-192 in.		---	---	---	---	---	---
174-180 in.		---	---	---	---	29	---
174-192 in.		---	---	---	---	---	---
180-184 in.		---	---	---	---	---	---
180-186 in.		---	---	---	---	---	---
180-192 in.		---	---	---	---	NL	---
184-192 in.		---	---	---	---	---	---
186-189 in.		---	---	---	---	---	---
186-190 in.		---	---	---	---	---	---
186-192 in.		---	---	---	---	---	---
189-192 in.		---	---	---	---	---	---
190-192 in.		---	---	---	---	---	---
192-198 in.		---	---	---	---	---	---
192-216 in.		---	---	---	---	---	---
198-214 in.		---	---	---	---	---	---
214-220 in.		---	---	---	---	---	---
216-222 in.		---	---	---	---	---	---
216-240 in.		---	---	---	---	---	---
220-226 in.		---	---	---	---	---	---
222-228 in.		---	---	---	---	---	---
226-232 in.		---	---	---	---	---	---
228-234 in.		---	---	---	---	---	---
234-240 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
BK - Background, DPW - Department of Public Works.

Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-071 07/20/99 MD c/min	SB-071B 07/20/99 MD c/min	SB-072 07/20/99 MD c/min	SB-073 07/20/99 MD c/min	SB-074 07/20/99 MD c/min	SB-075 07/20/99 MD c/min
0-3 in.		---	---	---	---	---	---
0-6 in.		28	30	34	30	25	29
3-6 in.		---	---	---	---	---	---
6-9 in.		---	---	---	---	---	---
6-12 in.		34	30	44	39	36	32
9-11 in.		---	---	---	---	---	---
9-12 in.		---	---	---	---	---	---
9-13 in.		---	---	---	---	---	---
12-14 in.		---	---	---	---	---	---
12-15 in.		---	---	---	---	---	---
12-18 in.		49	28	49	42	35	38
12-48 in.		---	---	---	---	---	---
15-18 in.		---	---	---	---	---	---
15-21 in.		---	---	---	---	---	---
18-21 in.		---	---	---	---	---	---
18-24 in.		77	60	44	69	44	53
18-48 in.		---	---	---	---	---	---
21-24 in.		---	---	---	---	---	---
21-27 in.		---	---	---	---	---	---
21-48 in.		---	---	---	---	---	---
24-28 in.		---	---	---	---	---	---
24-30 in.		104	84	37	---	121	46
24-48 in.		---	---	---	NL	---	---
27-30 in.		---	---	---	---	---	---
28-48 in.		---	---	---	---	---	---
30-32 in.		---	---	---	---	---	---
30-33 in.		---	---	---	---	---	---
30-34 in.		---	---	---	---	---	---
30-36 in.		---	54	30	---	52	64
30-48 in.		NL	---	---	---	---	---
32-48 in.		---	---	---	---	---	---
33-37 in.		---	---	---	---	---	---
33-48 in.		---	---	---	---	---	---
34-36 in.		---	---	---	---	---	---
34-48 in.		---	---	---	---	---	---
36-38 in.		---	---	---	---	---	---
36-39 in.		---	---	35	---	---	---
36-40 in.		---	---	---	---	---	---
36-41 in.		---	---	---	---	---	---
36-42 in.		---	---	---	---	---	---
36-48 in.		---	NL	---	---	NL	NL
37-48 in.		---	---	---	---	---	---
38-46 in.		---	---	---	---	---	---
38-48 in.		---	---	---	---	---	---
39-42 in.		---	---	---	---	---	---
39-48 in.		---	---	NL	---	---	---
40-48 in.		---	---	---	---	---	---
41-48 in.		---	---	---	---	---	---
42-44 in.		---	---	---	---	---	---
42-45 in.		---	---	---	---	---	---
42-46 in.		---	---	---	---	---	---
42-48 in.		---	---	---	---	---	---
44-48 in.		---	---	---	---	---	---
44-50 in.		---	---	---	---	---	---
45-48 in.		---	---	---	---	---	---
46-48 in.		---	---	---	---	---	---
46-52 in.		---	---	---	---	---	---
48-52 in.		---	---	---	---	---	---
48-54 in.		40	---	48	63	108	60
48-60 in.		---	---	---	---	---	---
48-89 in.		---	---	---	---	---	---
50-56 in.		---	---	---	---	---	---
52-58 in.		---	---	---	---	---	---
54-60 in.		58	---	88	43	55	53
56-62 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-071 07/20/99 MD c/min	SB-071B 07/20/99 MD c/min	SB-072 07/20/99 MD c/min	SB-073 07/20/99 MD c/min	SB-074 07/20/99 MD c/min	SB-075 07/20/99 MD c/min
58-64 in.		---	---	---	---	---	---
60-64 in.		---	---	---	---	---	---
60-66 in.		55	---	---	39	74	44
60-96 in.		---	---	---	---	---	---
62-68 in.		---	---	---	---	---	---
64-70 in.		---	---	---	---	---	---
64-96 in.		---	---	---	---	---	---
66-69 in.		---	---	---	---	---	---
66-70 in.		---	---	---	---	---	---
66-72 in.		309	---	---	39	79	---
66-96 in.		---	---	---	---	---	NL
68-74 in.		---	---	---	---	---	---
69-72 in.		---	---	---	---	---	---
70-76 in.		---	---	---	---	---	---
70-96 in.		---	---	---	---	---	---
72-74 in.		---	---	---	---	---	---
72-76 in.		---	---	---	---	---	---
72-78 in.		---	---	103	30	60	---
72-80 in.		---	---	---	---	---	---
72-84 in.		---	---	---	---	---	---
72-96 in.		NL	---	---	---	---	---
74-80 in.		---	---	---	---	---	---
74-96 in.		---	---	---	---	---	---
76-82 in.		---	---	---	---	---	---
76-96 in.		---	---	---	---	---	---
78-81 in.		---	---	---	---	---	---
78-82 in.		---	---	---	---	---	---
78-84 in.		---	---	---	---	48	---
78-96 in.		---	---	NL	NL	---	---
80-86 in.		---	---	---	---	---	---
81-96 in.		---	---	---	---	---	---
82-88 in.		---	---	---	---	---	---
84-87 in.		---	---	---	---	---	---
84-88 in.		---	---	---	---	---	---
84-90 in.		---	---	---	---	---	---
84-96 in.		---	---	---	---	NL	---
86-88 in.		---	---	---	---	---	---
86-92 in.		---	---	---	---	---	---
87-96 in.		---	---	---	---	---	---
88-92 in.		---	---	---	---	---	---
88-96 in.		---	---	---	---	---	---
89-96 in.		---	---	---	---	---	---
90-92 in.		---	---	---	---	---	---
90-93 in.		---	---	---	---	---	---
90-94 in.		---	---	---	---	---	---
90-96 in.		---	---	---	---	---	---
92-96 in.		---	---	---	---	---	---
92-98 in.		---	---	---	---	---	---
93-96 in.		---	---	---	---	---	---
94-96 in.		---	---	---	---	---	---
96-98 in.		---	---	---	---	---	---
96-102 in.		---	---	---	43	58	59
96-144 in.		62	---	---	---	---	---
98-102 in.		---	---	---	---	---	---
98-104 in.		---	---	---	---	---	---
102-108 in.		---	---	---	43	69	56
104-110 in.		---	---	---	---	---	---
108-110 in.		---	---	---	---	---	---
108-112 in.		---	---	---	---	---	---
108-114 in.		---	---	---	47	77	---
108-132 in.		---	---	---	---	---	---
108-144 in.		---	---	---	---	---	NL
110-116 in.		---	---	---	---	---	---
114-116 in.		---	---	---	---	---	---
114-117 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-071 07/20/99 MD c/min	SB-071B 07/20/99 MD c/min	SB-072 07/20/99 MD c/min	SB-073 07/20/99 MD c/min	SB-074 07/20/99 MD c/min	SB-075 07/20/99 MD c/min
114-120 in.		---	---	---	36	88	---
114-144 in.		---	---	---	---	---	---
116-122 in.		---	---	---	---	---	---
116-144 in.		---	---	---	---	---	---
120-123 in.		---	---	---	---	---	---
120-126 in.		---	---	---	40	38	---
120-144 in.		---	---	---	---	---	---
122-128 in.		---	---	---	---	---	---
123-144 in.		---	---	---	---	---	---
126-130 in.		---	---	---	---	---	---
126-132 in.		---	---	---	NL	---	---
126-144 in.		---	---	---	---	NL	---
128-132 in.		---	---	---	---	---	---
130-144 in.		---	---	---	---	---	---
132-134 in.		---	---	---	---	---	---
132-135 in.		---	---	---	---	---	---
132-136 in.		---	---	---	---	---	---
132-138 in.		---	---	---	---	---	---
132-144 in.		---	---	---	NL	---	---
134-144 in.		---	---	---	---	---	---
135-144 in.		---	---	---	---	---	---
136-142 in.		---	---	---	---	---	---
138-141 in.		---	---	---	---	---	---
138-142 in.		---	---	---	---	---	---
138-144 in.		---	---	---	---	---	---
141-144 in.		---	---	---	---	---	---
142-144 in.		---	---	---	---	---	---
142-148 in.		---	---	---	---	---	---
144-150 in.		202	---	---	33	34	59
144-168 in.		---	---	---	---	---	---
148-154 in.		---	---	---	---	---	---
150-156 in.		99	---	---	38	61	39
154-162 in.		---	---	---	---	---	---
156-160 in.		192	---	---	---	---	---
156-162 in.		---	---	---	28	32	34
160-162 in.		---	---	---	---	---	---
160-166 in.		53	---	---	---	---	---
162-168 in.		---	---	---	34	41	67
166-192 in.		NL	---	---	---	---	---
168-174 in.		---	---	---	41	19	109
168-192 in.		---	---	---	---	---	---
174-180 in.		---	---	---	22	34	112
174-192 in.		---	---	---	---	---	---
180-184 in.		---	---	---	---	---	---
180-186 in.		---	---	---	35	29	---
180-192 in.		---	---	---	---	---	NL
184-192 in.		---	---	---	---	---	---
186-189 in.		---	---	---	---	---	---
186-190 in.		---	---	---	---	25	---
186-192 in.		---	---	---	NL	---	---
189-192 in.		---	---	---	---	---	---
190-192 in.		---	---	---	---	NL	---
192-198 in.		---	---	---	---	---	---
192-216 in.		---	---	---	---	---	---
198-214 in.		---	---	---	---	---	---
214-220 in.		---	---	---	---	---	---
216-222 in.		---	---	---	---	---	---
216-240 in.		---	---	---	---	---	---
220-226 in.		---	---	---	---	---	---
222-228 in.		---	---	---	---	---	---
226-232 in.		---	---	---	---	---	---
228-234 in.		---	---	---	---	---	---
234-240 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-076 07/20/99 MD c/min	SB-077 07/20/99 MD c/min	SB-078 07/21/99 MD c/min	SB-079 07/21/99 MD c/min	SB-080 07/21/99 MD c/min	SB-081 07/21/99 MD c/min
0-3 in.		---	---	---	---	---	---
0-6 in.		33	24	42	24	33	27
3-6 in.		---	---	---	---	---	---
6-9 in.		---	---	---	---	---	---
6-12 in.		55	61	54	54	79	61
9-11 in.		---	---	---	---	---	---
9-12 in.		---	---	---	---	---	---
9-13 in.		---	---	---	---	---	---
12-14 in.		---	---	---	---	---	---
12-15 in.		---	---	---	---	---	---
12-18 in.		41	49	58	61	78	67
12-48 in.		---	---	---	---	---	---
15-18 in.		---	---	---	---	---	---
15-21 in.		---	---	---	---	---	---
18-21 in.		---	---	---	---	---	---
18-24 in.		67	44	67	40	57	86
18-48 in.		---	---	---	---	---	---
21-24 in.		---	---	---	---	---	---
21-27 in.		---	---	---	---	---	---
21-48 in.		---	---	---	---	---	---
24-28 in.		---	---	---	---	---	---
24-30 in.		62	34	85	133	54	75
24-48 in.		---	---	---	---	---	---
27-30 in.		---	---	---	---	---	---
28-48 in.		---	---	---	---	---	---
30-32 in.		---	---	---	---	---	---
30-33 in.		---	---	---	---	---	---
30-34 in.		---	---	---	---	---	---
30-36 in.		45	---	53	94	50	77
30-48 in.		---	NL	---	---	---	---
32-48 in.		---	---	---	---	---	---
33-37 in.		---	---	---	---	---	---
33-48 in.		---	---	---	---	---	---
34-36 in.		---	---	---	---	---	---
34-48 in.		---	---	---	---	---	---
36-38 in.		---	---	75	---	---	---
36-39 in.		---	---	---	---	---	---
36-40 in.		---	---	---	58	---	---
36-41 in.		---	---	---	---	---	---
36-42 in.		---	---	---	---	39	---
36-48 in.		NL	---	---	---	---	NL
37-48 in.		---	---	---	---	---	---
38-46 in.		---	---	---	---	---	---
38-48 in.		---	---	NL	---	---	---
39-42 in.		---	---	---	---	---	---
39-48 in.		---	---	---	---	---	---
40-48 in.		---	---	---	NL	---	---
41-48 in.		---	---	---	---	---	---
42-44 in.		---	---	---	---	38	---
42-45 in.		---	---	---	---	---	---
42-46 in.		---	---	---	---	---	---
42-48 in.		---	---	---	---	---	---
44-48 in.		---	---	---	---	NL	---
44-50 in.		---	---	---	---	---	---
45-48 in.		---	---	---	---	---	---
46-48 in.		---	---	---	---	---	---
46-52 in.		---	---	---	---	---	---
48-52 in.		---	---	---	---	---	---
48-54 in.		69	45	68	80	61	75
48-60 in.		---	---	---	---	---	---
48-89 in.		---	---	---	---	---	---
50-56 in.		---	---	---	---	---	---
52-58 in.		---	---	---	---	---	---
54-60 in.		71	65	44	61	35	65
56-62 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.



Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-076 07/20/99 MD c/min	SB-077 07/20/99 MD c/min	SB-078 07/21/99 MD c/min	SB-079 07/21/99 MD c/min	SB-080 07/21/99 MD c/min	SB-081 07/21/99 MD c/min
58-64 in.		---	---	---	---	---	---
60-64 in.		---	---	---	---	---	81
60-66 in.		105	96	75	53	33	---
60-96 in.		---	---	---	---	---	---
62-68 in.		---	---	---	---	---	---
64-70 in.		---	---	---	---	---	---
64-96 in.		NL	---	---	---	---	NL
66-69 in.		---	---	---	---	---	---
66-70 in.		---	---	---	---	---	---
66-72 in.		---	---	80	87	29	---
66-96 in.		---	NL	---	---	---	---
68-74 in.		---	---	---	---	---	---
69-72 in.		---	---	---	---	---	---
70-76 in.		---	---	---	---	---	---
70-96 in.		---	---	---	---	---	---
72-74 in.		---	---	---	509	---	---
72-76 in.		---	---	---	---	---	---
72-78 in.		---	---	71	---	40	---
72-80 in.		---	---	---	---	---	---
72-84 in.		---	---	---	---	---	---
72-96 in.		---	---	---	---	---	---
74-80 in.		---	---	---	---	---	---
74-96 in.		---	---	---	NL	---	---
76-82 in.		---	---	---	---	---	---
76-96 in.		---	---	---	---	---	---
78-81 in.		---	---	---	---	---	---
78-82 in.		---	---	---	---	---	---
78-84 in.		---	---	68	---	43	---
78-96 in.		---	---	---	---	---	---
80-86 in.		---	---	---	---	---	---
81-96 in.		---	---	---	---	---	---
82-88 in.		---	---	---	---	---	---
84-87 in.		---	---	65	---	---	---
84-88 in.		---	---	---	---	---	---
84-90 in.		---	---	---	---	34	---
84-96 in.		---	---	---	---	---	---
86-88 in.		---	---	---	---	---	---
86-92 in.		---	---	---	---	---	---
87-96 in.		---	---	NL	---	---	---
88-92 in.		---	---	---	---	---	---
88-96 in.		---	---	---	---	---	---
89-96 in.		---	---	---	---	---	---
90-92 in.		---	---	---	---	---	---
90-93 in.		---	---	---	---	---	---
90-94 in.		---	---	---	---	---	---
90-96 in.		---	---	---	---	NL	---
92-96 in.		---	---	---	---	---	---
92-98 in.		---	---	---	---	---	---
93-96 in.		---	---	---	---	---	---
94-96 in.		---	---	---	---	---	---
96-98 in.		---	---	---	---	---	---
96-102 in.		80	53	59	141	34	64
96-144 in.		---	---	---	---	---	---
98-102 in.		---	---	---	---	---	---
98-104 in.		---	---	---	---	---	---
102-108 in.		54	90	52	395	39	85
104-110 in.		---	---	---	---	---	---
108-110 in.		---	---	---	---	---	---
108-112 in.		---	---	---	---	---	---
108-114 in.		62	97	53	321	34	135
108-132 in.		---	---	---	---	---	---
108-144 in.		---	---	---	---	---	---
110-116 in.		---	---	---	---	---	---
114-116 in.		---	---	---	---	---	---
114-117 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
BK - Background, DPW - Department of Public Works.



Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-076 07/20/99 MD c/min	SB-077 07/20/99 MD c/min	SB-078 07/21/99 MD c/min	SB-079 07/21/99 MD c/min	SB-080 07/21/99 MD c/min	SB-081 07/21/99 MD c/min
114-120 in.		52	101	41	---	36	134
114-144 in.		---	---	---	NL	---	---
116-122 in.		---	---	---	---	---	---
116-144 in.		---	---	---	---	---	---
120-123 in.		---	---	---	---	---	---
120-126 in.		35	81	32	---	29	112
120-144 in.		---	---	---	---	---	---
122-128 in.		---	---	---	---	---	---
123-144 in.		---	---	---	---	---	---
126-130 in.		---	547	---	---	---	204
126-132 in.		38	---	122	---	40	---
126-144 in.		---	---	---	---	---	---
128-132 in.		---	---	---	---	---	---
130-144 in.		---	NL	---	---	---	NL
132-134 in.		---	---	---	---	---	---
132-135 in.		---	---	---	---	---	---
132-136 in.		---	---	---	---	---	---
132-138 in.		---	---	127	---	32	---
132-144 in.	NL	---	---	---	---	---	---
134-144 in.	---	---	---	---	---	---	---
135-144 in.	---	---	---	---	---	---	---
136-142 in.	---	---	---	---	---	---	---
138-141 in.	---	---	---	---	---	---	---
138-142 in.	---	---	---	---	---	24	---
138-144 in.	---	---	---	NL	---	---	---
141-144 in.	---	---	---	---	---	---	---
142-144 in.	---	---	---	---	---	NL	---
142-148 in.	---	---	---	---	---	---	---
144-150 in.	---	57	68	44	261	32	155
144-168 in.	---	---	---	---	---	---	---
148-154 in.	---	---	---	---	---	---	---
150-156 in.	---	49	60	61	211	29	91
154-162 in.	---	---	---	---	---	---	---
156-160 in.	---	---	---	---	---	---	---
156-162 in.	---	33	75	60	345	28	98
160-162 in.	---	---	---	---	---	---	---
160-166 in.	---	---	---	---	---	---	---
162-168 in.	---	28	49	44	149	21	138
166-192 in.	---	---	---	---	---	---	---
168-174 in.	---	46	65	69	40	27	211
168-192 in.	---	---	---	---	---	---	---
174-180 in.	---	35	52	66	---	38	116
174-192 in.	---	---	---	---	NL	---	---
180-184 in.	---	---	---	---	---	---	---
180-186 in.	---	34	---	61	---	31	162
180-192 in.	---	---	NL	---	---	---	---
184-192 in.	---	---	---	---	---	---	---
186-189 in.	---	24	---	---	---	---	---
186-190 in.	---	---	---	68	---	---	---
186-192 in.	---	---	---	---	---	31	NL
189-192 in.	NL	---	---	---	---	---	---
190-192 in.	---	---	---	NL	---	---	---
192-198 in.	---	---	---	---	---	---	---
192-216 in.	---	---	---	---	NL	---	---
198-214 in.	---	---	---	---	---	---	---
214-220 in.	---	---	---	---	---	---	---
216-222 in.	---	---	---	---	230	---	---
216-240 in.	---	---	---	---	---	---	---
220-226 in.	---	---	---	---	---	---	---
222-228 in.	---	---	---	---	39	---	---
226-232 in.	---	---	---	---	---	---	---
228-234 in.	---	---	---	---	39	---	---
234-240 in.	---	---	---	---	32	---	---

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Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-082 07/21/99 MD c/min	SB-083 07/21/99 MD c/min	SB-084 07/21/99 MD c/min	SB-085 07/21/99 MD c/min	SB-085B 07/21/99 MD c/min	SB-086 07/21/99 MD c/min
0-3 in.		---	---	---	---	---	---
0-6 in.		162	35	32	42	34	21
3-6 in.		---	---	---	---	---	---
6-9 in.		---	---	---	---	---	---
6-12 in.		76	47	35	34	23	34
9-11 in.		---	---	---	---	---	---
9-12 in.		---	---	---	---	---	---
9-13 in.		---	---	---	---	---	---
12-14 in.		---	---	---	---	---	---
12-15 in.		---	---	---	---	---	---
12-18 in.		60	44	42	33	39	59
12-48 in.		---	---	---	---	---	---
15-18 in.		---	---	---	---	---	---
15-21 in.		---	---	---	---	---	---
18-21 in.		---	---	---	---	---	---
18-24 in.		34	50	28	44	45	55
18-48 in.		---	---	---	---	---	---
21-24 in.		---	---	---	---	---	---
21-27 in.		---	---	---	---	---	---
21-48 in.		---	---	---	---	---	---
24-28 in.		---	---	---	---	---	---
24-30 in.		257	30	32	61	51	43
24-48 in.		---	---	---	---	---	---
27-30 in.		---	---	---	---	---	---
28-48 in.		---	---	---	---	---	---
30-32 in.		---	---	---	---	---	---
30-33 in.		---	---	---	---	---	---
30-34 in.		---	---	---	---	---	---
30-36 in.		206	39	33	29	48	40
30-48 in.		---	---	---	---	---	---
32-48 in.		---	---	---	---	---	---
33-37 in.		---	---	---	---	---	---
33-48 in.		---	---	---	---	---	---
34-36 in.		---	---	---	---	---	---
34-48 in.		---	---	---	---	---	---
36-38 in.		---	---	---	---	---	---
36-39 in.		---	---	---	---	---	---
36-40 in.		---	---	---	---	---	---
36-41 in.		---	---	---	---	---	---
36-42 in.		43	39	49	39	43	NL
36-48 in.		---	---	---	---	---	---
37-48 in.		---	---	---	---	---	---
38-46 in.		---	---	---	---	---	---
38-48 in.		---	---	---	---	---	---
39-42 in.		---	---	---	---	---	---
39-48 in.		---	---	---	---	---	---
40-48 in.		---	---	---	---	---	---
41-48 in.		---	---	---	---	---	---
42-44 in.		---	---	---	---	---	---
42-45 in.		---	---	---	---	---	---
42-46 in.		---	---	---	---	36	---
42-48 in.		NL	NL	NL	NL	---	NL
44-48 in.		---	---	---	---	---	---
44-50 in.		---	---	---	---	---	---
45-48 in.		---	---	---	---	---	---
46-48 in.		---	---	---	---	NL	---
46-52 in.		---	---	---	---	---	---
48-52 in.		---	---	---	---	---	---
48-54 in.		148	33	42	41	28	45
48-60 in.		---	---	---	---	---	---
48-89 in.		---	---	---	---	---	---
50-56 in.		---	---	---	---	---	---
52-58 in.		---	---	---	---	---	---
54-60 in.		58	32	40	26	32	176
6-62 in.		---	---	---	---	---	---

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GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Alpha/Beta Data

Sample ID Sample Date Property * Excavation Area Units	SB-082 07/21/99 MD c/min	SB-083 07/21/99 MD c/min	SB-084 07/21/99 MD c/min	SB-085 07/21/99 MD c/min	SB-085B 07/21/99 MD c/min	SB-086 07/21/99 MD c/min
Depth						
58-64 in.	---	---	---	---	---	---
60-64 in.	---	---	---	---	---	---
60-66 in.	76	25	30	38	33	48
60-96 in.	---	---	---	---	---	---
62-68 in.	---	---	---	---	---	---
64-70 in.	---	---	---	---	---	---
64-96 in.	---	---	---	---	---	---
66-69 in.	---	---	---	---	---	163
66-70 in.	---	---	---	---	---	---
66-72 in.	93	41	35	39	51	---
66-96 in.	---	---	---	---	---	---
68-74 in.	---	---	---	---	---	---
69-72 in.	---	---	---	---	---	NL
70-76 in.	---	---	---	---	---	---
70-96 in.	---	---	---	---	---	---
72-74 in.	---	---	---	---	---	---
72-76 in.	---	---	---	---	---	---
72-78 in.	55	29	39	35	27	NL
72-80 in.	---	---	---	---	---	---
72-84 in.	---	---	---	---	---	---
72-96 in.	---	---	---	---	---	---
74-80 in.	---	---	---	---	---	---
74-96 in.	---	---	---	---	---	---
76-82 in.	---	---	---	---	---	---
76-96 in.	---	---	---	---	---	---
78-81 in.	---	---	---	---	---	---
78-82 in.	---	---	---	---	---	---
78-84 in.	43	26	37	33	29	NL
78-96 in.	---	---	---	---	---	---
80-86 in.	---	---	---	---	---	---
81-96 in.	---	---	---	---	---	---
82-88 in.	---	---	---	---	---	---
84-87 in.	---	---	---	---	---	---
84-88 in.	---	---	---	---	---	---
84-90 in.	72	33	37	30	31	NL
84-96 in.	---	---	---	---	---	---
86-88 in.	---	---	---	---	---	---
86-92 in.	---	---	---	---	---	---
87-96 in.	---	---	---	---	---	---
88-92 in.	---	---	---	---	---	---
88-96 in.	---	---	---	---	---	---
89-96 in.	---	---	---	---	---	---
90-92 in.	---	---	---	---	---	---
90-93 in.	---	---	---	---	---	---
90-94 in.	76	34	30	---	---	---
90-96 in.	---	---	---	NL	---	NL
92-96 in.	---	---	---	---	---	---
92-98 in.	---	---	---	---	---	---
93-96 in.	---	---	---	---	---	---
94-96 in.	NL	NL	NL	---	---	---
96-98 in.	---	---	---	---	---	---
96-102 in.	71	---	---	32	35	46
96-144 in.	---	---	---	---	---	---
98-102 in.	---	---	---	---	---	---
98-104 in.	---	---	---	---	---	---
102-108 in.	53	---	---	33	44	49
104-110 in.	---	---	---	---	---	---
108-110 in.	---	---	---	---	---	---
108-112 in.	---	---	---	---	---	---
108-114 in.	92	---	---	33	29	53
108-132 in.	---	---	---	---	---	---
108-144 in.	---	---	---	---	---	---
110-116 in.	---	---	---	---	---	---
114-116 in.	---	---	---	---	---	---
114-117 in.	---	---	---	---	---	---

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114-120 in.		82	---	---	39	44	41
114-144 in.		---	---	---	---	---	---
116-122 in.		---	---	---	---	---	---
116-144 in.		---	---	---	---	---	---
120-123 in.		---	---	---	---	---	---
120-126 in.		80	---	---	38	27	42
120-144 in.		---	---	---	---	---	---
122-128 in.		---	---	---	---	---	---
123-144 in.		---	---	---	---	---	---
126-130 in.		---	---	---	---	---	---
126-132 in.		57	---	---	30	33	---
126-144 in.		---	---	---	---	---	NL
128-132 in.		---	---	---	---	---	---
130-144 in.		---	---	---	---	---	---
132-134 in.		---	---	---	---	---	---
132-135 in.		---	---	---	---	---	---
132-136 in.		---	---	---	---	---	---
132-138 in.		32	---	---	---	35	---
132-144 in.		---	---	---	---	---	---
134-144 in.		---	---	---	---	---	---
135-144 in.		---	---	---	---	---	---
136-142 in.		---	---	---	---	---	---
138-141 in.		---	---	---	---	---	---
138-142 in.		32	---	---	---	22	---
138-144 in.		---	---	---	---	---	---
141-144 in.		---	---	---	---	---	---
142-144 in.		NL	---	---	---	NL	---
142-148 in.		---	---	---	---	---	---
144-150 in.		78	---	---	---	35	39
144-168 in.		---	---	---	---	---	---
148-154 in.		---	---	---	---	---	---
150-156 in.		54	---	---	---	38	69
154-162 in.		---	---	---	---	---	---
156-160 in.		---	---	---	---	---	---
156-162 in.		84	---	---	---	34	55
160-162 in.		---	---	---	---	---	---
160-166 in.		---	---	---	---	---	---
162-168 in.		46	---	---	---	34	51
166-192 in.		---	---	---	---	---	---
168-174 in.		55	---	---	---	---	39
168-192 in.		---	---	---	---	---	---
174-180 in.		44	---	---	---	---	47
174-192 in.		---	---	---	---	---	---
180-184 in.		---	---	---	---	---	---
180-186 in.		61	---	---	---	---	---
180-192 in.		---	---	---	---	---	---
184-192 in.		---	---	---	---	---	---
186-189 in.		---	---	---	---	---	---
186-190 in.		---	---	---	---	---	---
186-192 in.		NL	---	---	---	---	---
189-192 in.		---	---	---	---	---	---
190-192 in.		---	---	---	---	---	---
192-198 in.		---	---	---	---	---	---
192-216 in.		---	---	---	---	---	---
198-214 in.		---	---	---	---	---	---
214-220 in.		---	---	---	---	---	---
216-222 in.		---	---	---	---	---	---
216-240 in.		---	---	---	---	---	---
220-226 in.		---	---	---	---	---	---
222-228 in.		---	---	---	---	---	---
226-232 in.		---	---	---	---	---	---
228-234 in.		---	---	---	---	---	---
234-240 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-087 07/22/99 MD c/min	SB-088 07/22/99 MD c/min	SB-089 07/22/99 MD c/min	SB-090 07/22/99 MD c/min	SB-091 07/22/99 MD c/min	SB-092 07/23/99 MD c/min
0-3 in.		---	---	---	---	---	---
0-6 in.		32	39	26	31	28	24
3-6 in.		---	---	---	---	---	---
6-9 in.		---	---	---	---	---	---
6-12 in.		47	32	36	41	35	36
9-11 in.		---	---	---	---	---	---
9-12 in.		---	---	---	---	---	---
9-13 in.		---	---	---	---	---	---
12-14 in.		---	---	---	---	---	---
12-15 in.		---	---	---	---	---	---
12-18 in.		29	33	48	36	36	62
12-48 in.		---	---	---	---	---	---
15-18 in.		---	---	---	---	---	---
15-21 in.		---	---	---	---	---	---
18-21 in.		---	---	---	---	---	---
18-24 in.		56	34	28	39	33	62
18-48 in.		---	---	---	---	---	---
21-24 in.		---	---	---	---	---	---
21-27 in.		---	---	---	---	---	---
21-48 in.		---	---	---	---	---	---
24-28 in.		---	---	---	---	---	---
24-30 in.		38	---	31	35	30	53
24-48 in.		---	NL	---	---	---	---
27-30 in.		---	---	---	---	---	---
28-48 in.		---	---	---	---	---	---
30-32 in.		---	---	---	---	---	---
30-33 in.		---	---	---	---	---	---
30-34 in.		---	---	---	---	---	---
30-36 in.		42	---	29	34	39	47
30-48 in.		---	---	---	---	---	---
32-48 in.		---	---	---	---	---	---
33-37 in.		---	---	---	---	---	---
33-48 in.		---	---	---	---	---	---
34-36 in.		---	---	---	---	---	---
34-48 in.		---	---	---	---	---	---
36-38 in.		---	---	---	---	---	---
36-39 in.		---	---	---	---	---	52
36-40 in.		---	---	---	---	---	---
36-41 in.		---	---	---	---	---	---
36-42 in.		29	---	35	32	---	---
36-48 in.		---	---	---	---	NL	---
37-48 in.		---	---	---	---	---	---
38-46 in.		---	---	---	---	---	---
38-48 in.		---	---	---	---	---	---
39-42 in.		---	---	---	---	---	---
39-48 in.		---	---	---	---	---	NL
40-48 in.		---	---	---	---	---	---
41-48 in.		---	---	---	---	---	---
42-44 in.		---	---	---	---	---	---
42-45 in.		---	---	---	---	---	---
42-46 in.		---	---	---	---	---	---
42-48 in.		NL	---	NL	NL	---	---
44-48 in.		---	---	---	---	---	---
44-50 in.		---	---	---	---	---	---
45-48 in.		---	---	---	---	---	---
46-48 in.		---	---	---	---	---	---
46-52 in.		---	---	---	---	---	---
48-52 in.		---	---	---	---	---	---
48-54 in.		44	28	38	32	41	53
48-60 in.		---	---	---	---	---	---
48-89 in.		---	---	---	---	---	---
50-56 in.		---	---	---	---	---	---
52-58 in.		---	---	---	---	---	---
54-60 in.		33	28	36	31	37	50
56-62 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-087 07/22/99 MD c/min	SB-088 07/22/99 MD c/min	SB-089 07/22/99 MD c/min	SB-090 07/22/99 MD c/min	SB-091 07/22/99 MD c/min	SB-092 07/23/99 MD c/min
58-64 in.		---	---	---	---	---	---
60-64 in.		---	---	---	---	---	---
60-66 in.		35	39	33	35	35	40
60-96 in.		---	---	---	---	---	---
62-68 in.		---	---	---	---	---	---
64-70 in.		---	---	---	---	---	---
64-96 in.		---	---	---	---	---	---
66-69 in.		---	---	---	---	---	---
66-70 in.		---	---	---	---	---	---
66-72 in.		38	42	39	36	29	37
66-96 in.		---	---	---	---	---	---
68-74 in.		---	---	---	---	---	---
69-72 in.		---	---	---	---	---	---
70-76 in.		---	---	---	---	---	---
70-96 in.		---	---	---	---	---	---
72-74 in.		---	---	---	---	---	---
72-76 in.		---	---	---	---	---	---
72-78 in.		34	34	41	26	26	32
72-80 in.		---	---	---	---	---	---
72-84 in.		---	---	---	---	---	---
72-96 in.		---	---	---	---	---	---
74-80 in.		---	---	---	---	---	---
74-96 in.		---	---	---	---	---	---
76-82 in.		---	---	---	---	---	---
76-96 in.		---	---	---	---	---	---
78-81 in.		---	---	---	---	---	---
78-82 in.		---	---	---	---	---	---
78-84 in.		---	---	33	---	32	46
78-96 in.		NL	NL	---	NL	---	---
80-86 in.		---	---	---	---	---	---
81-96 in.		---	---	---	---	---	---
82-88 in.		---	---	---	---	---	---
84-87 in.		---	---	---	---	---	---
84-88 in.		---	---	---	---	---	---
84-90 in.		---	---	21	---	29	40
84-96 in.		---	---	---	---	---	---
86-88 in.		---	---	---	---	---	---
86-92 in.		---	---	---	---	---	---
87-96 in.		---	---	---	---	---	---
88-92 in.		---	---	---	---	---	---
88-96 in.		---	---	---	---	---	---
89-96 in.		---	---	---	---	---	---
90-92 in.		---	---	---	---	---	---
90-93 in.		---	---	---	---	---	---
90-94 in.		---	---	33	---	---	48
90-96 in.		---	---	---	---	NL	---
92-96 in.		---	---	---	---	---	---
92-98 in.		---	---	---	---	---	---
93-96 in.		---	---	---	---	---	---
94-96 in.		---	---	NL	---	---	NL
96-98 in.		---	---	---	---	---	---
96-102 in.		35	27	39	34	---	50
96-144 in.		---	---	---	---	---	---
98-102 in.		---	---	---	---	---	---
98-104 in.		---	---	---	---	---	---
102-108 in.		29	38	32	25	---	46
104-110 in.		---	---	---	---	---	---
108-110 in.		---	---	---	---	---	---
108-112 in.		---	---	---	---	---	---
108-114 in.		31	26	30	29	---	32
108-132 in.		---	---	---	---	---	---
108-144 in.		---	---	---	---	---	---
110-116 in.		---	---	---	---	---	---
114-116 in.		---	---	---	---	---	---
114-117 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-087 07/22/99 MD c/min	SB-088 07/22/99 MD c/min	SB-089 07/22/99 MD c/min	SB-090 07/22/99 MD c/min	SB-091 07/22/99 MD c/min	SB-092 07/23/99 MD c/min
114-120 in.		24	43	29	42	---	34
114-144 in.		---	---	---	---	---	---
116-122 in.		---	---	---	---	---	---
116-144 in.		---	---	---	---	---	---
120-123 in.		---	---	---	---	---	---
120-126 in.		36	43	43	---	---	37
120-144 in.		---	---	---	NL	---	---
122-128 in.		---	---	---	---	---	---
123-144 in.		---	---	---	---	---	---
126-130 in.		---	---	---	---	---	---
126-132 in.		43	39	30	---	---	33
126-144 in.		---	---	---	---	---	---
128-132 in.		---	---	---	---	---	---
130-144 in.		---	---	---	---	---	---
132-134 in.		---	---	---	---	---	---
132-135 in.		---	---	---	---	---	---
132-136 in.		---	---	---	---	---	---
132-138 in.		32	34	38	---	---	37
132-144 in.		---	---	---	---	---	---
134-144 in.		---	---	---	---	---	---
135-144 in.		---	---	---	---	---	---
136-142 in.		---	---	---	---	---	---
138-141 in.		---	---	---	---	---	---
138-142 in.		---	33	---	---	---	---
138-144 in.		31	---	50	---	---	40
141-144 in.		---	---	---	---	---	---
142-144 in.		---	NL	---	---	---	---
142-148 in.		---	---	---	---	---	---
144-150 in.		30	28	36	35	37	28
144-168 in.		---	---	---	---	---	---
148-154 in.		---	---	---	---	---	---
150-156 in.		31	32	40	37	38	33
154-162 in.		---	---	---	---	---	---
156-160 in.		---	---	---	---	37	---
156-162 in.		33	26	33	34	---	46
160-162 in.		---	---	---	---	NL	---
160-166 in.		---	---	---	---	---	---
162-168 in.		18	31	26	33	---	31
166-192 in.		---	---	---	---	---	---
168-174 in.		32	29	40	---	28	41
168-192 in.		---	---	---	---	---	---
174-180 in.		30	43	35	---	33	55
174-192 in.		---	---	---	---	---	---
180-184 in.		---	---	---	---	---	---
180-186 in.		---	30	35	---	39	41
180-192 in.		---	---	---	---	---	---
184-192 in.		---	---	---	---	---	---
186-189 in.		---	---	---	---	---	---
186-190 in.		---	---	---	---	---	---
186-192 in.		---	38	31	---	31	29
189-192 in.		---	---	---	---	---	---
190-192 in.		---	---	---	---	---	---
192-198 in.		---	---	---	---	---	---
192-216 in.		---	---	---	---	---	---
198-214 in.		---	---	---	---	---	---
214-220 in.		---	---	---	---	---	---
216-222 in.		---	---	---	---	---	---
216-240 in.		---	---	---	---	---	---
220-226 in.		---	---	---	---	---	---
222-228 in.		---	---	---	---	---	---
226-232 in.		---	---	---	---	---	---
228-234 in.		---	---	---	---	---	---
234-240 in.		---	---	---	---	---	---

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Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-093 07/23/99 MD c/min	SB-094 07/23/99 MD c/min	SB-095 07/23/99 MD c/min	SB-096 07/23/99 MD c/min	SB-097 07/23/99 GD c/min	SB-098 08/09/99 MD c/min
0-3 in.		---	---	---	---	---	---
0-6 in.		42	47	25	45	36	NL
3-6 in.		---	---	---	---	---	---
6-9 in.		---	---	---	---	---	---
6-12 in.		67	55	59	35	52	NL
9-11 in.		---	---	---	---	---	---
9-12 in.		---	---	---	---	---	---
9-13 in.		---	---	---	---	---	---
12-14 in.		---	---	---	---	---	---
12-15 in.		---	---	---	---	---	---
12-18 in.		72	80	50	59	45	NL
12-48 in.		---	---	---	---	---	---
15-18 in.		---	---	---	---	---	---
15-21 in.		---	---	---	---	---	---
18-21 in.		---	---	---	---	---	---
18-24 in.		63	44	48	52	45	NL
18-48 in.		---	---	---	---	---	---
21-24 in.		---	---	---	---	---	---
21-27 in.		---	---	---	---	---	---
21-48 in.		---	---	---	---	---	---
24-28 in.		---	---	---	---	---	---
24-30 in.		75	38	44	42	46	NL
24-48 in.		---	---	---	---	---	---
27-30 in.		---	---	---	---	---	---
28-48 in.		---	---	---	---	---	---
30-32 in.		---	---	---	---	---	---
30-33 in.		---	---	---	---	---	---
30-34 in.		---	---	---	---	---	---
30-36 in.		70	39	50	39	64	NL
30-48 in.		---	---	---	---	---	---
32-48 in.		---	---	---	---	---	---
33-37 in.		---	---	---	---	---	---
33-48 in.		---	---	---	---	---	---
34-36 in.		---	---	---	---	---	---
34-48 in.		---	---	---	---	---	---
36-38 in.		---	---	---	---	---	---
36-39 in.		---	---	---	---	---	---
36-40 in.		---	---	38	---	---	---
36-41 in.		---	---	---	---	---	---
36-42 in.		---	32	---	---	41	NL
36-48 in.	NL	---	---	---	NL	---	---
37-48 in.		---	---	---	---	---	---
38-46 in.		---	---	---	---	---	---
38-48 in.		---	---	---	---	---	---
39-42 in.		---	---	---	---	---	---
39-48 in.		---	---	---	---	---	---
40-48 in.		---	---	NL	---	---	---
41-48 in.		---	---	---	---	---	---
42-44 in.		---	---	---	---	---	---
42-45 in.		---	---	---	---	---	---
42-46 in.		---	---	---	---	---	NL
42-48 in.		---	NL	---	---	NL	---
44-48 in.		---	---	---	---	---	---
44-50 in.		---	---	---	---	---	---
45-48 in.		---	---	---	---	---	---
46-48 in.		---	---	---	---	---	NL
46-52 in.		---	---	---	---	---	---
48-52 in.		---	---	---	---	---	---
48-54 in.		79	39	42	NL	72	NL
48-60 in.		---	---	---	---	---	---
48-89 in.		---	---	---	---	---	---
50-56 in.		---	---	---	---	---	---
52-58 in.		---	---	---	---	---	---
54-60 in.		59	37	28	38	60	NL
56-62 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
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GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
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58-64 in.		---	---	---	---	---	---
60-64 in.		---	---	---	---	---	---
60-66 in.		46	33	32	36	59	NL
60-96 in.		---	---	---	---	---	---
62-68 in.		---	---	---	---	---	---
64-70 in.		---	---	---	---	---	---
64-96 in.		---	---	---	---	---	---
66-69 in.		---	---	---	---	---	---
66-70 in.		---	---	---	---	57	---
66-72 in.		68	28	26	30	---	NL
66-96 in.		---	---	---	---	---	---
68-74 in.		---	---	---	---	---	---
69-72 in.		---	---	---	---	---	---
70-76 in.		---	---	---	---	---	---
70-96 in.		---	---	---	---	NL	---
72-74 in.		---	---	---	---	---	---
72-76 in.		---	---	---	---	---	---
72-78 in.		62	27	45	31	---	NL
72-80 in.		---	---	---	---	---	---
72-84 in.		---	---	---	---	---	---
72-96 in.		---	---	---	---	---	---
74-80 in.		---	---	---	---	---	---
74-96 in.		---	---	---	---	---	---
76-82 in.		---	---	---	---	---	---
76-96 in.		---	---	---	---	---	---
78-81 in.		---	---	---	---	---	---
78-82 in.		---	---	---	---	---	---
78-84 in.		59	38	31	45	---	NL
78-96 in.		---	---	---	---	---	---
80-86 in.		---	---	---	---	---	---
81-96 in.		---	---	---	---	---	---
82-88 in.		---	---	---	---	---	---
84-87 in.		---	---	---	---	---	---
84-88 in.		---	---	---	---	---	---
84-90 in.		60	35	34	---	---	NL
84-96 in.		---	---	---	---	---	---
86-88 in.		---	---	---	---	---	---
86-92 in.		---	---	---	---	---	---
87-96 in.		---	---	---	---	---	---
88-92 in.		---	---	---	---	---	---
88-96 in.		---	---	---	---	---	---
89-96 in.		---	---	---	---	---	---
90-92 in.		---	---	---	---	---	---
90-93 in.		---	---	---	---	---	---
90-94 in.		67	38	---	---	---	---
90-96 in.		---	---	NL	---	---	NL
92-96 in.		---	---	---	---	---	---
92-98 in.		---	---	---	---	---	---
93-96 in.		---	---	---	---	---	---
94-96 in.		NL	NL	---	---	---	---
96-98 in.		---	---	---	---	---	---
96-102 in.		68	---	---	---	51	NL
96-144 in.		---	---	---	---	---	---
98-102 in.		---	---	---	---	---	---
98-104 in.		---	---	---	---	---	---
102-108 in.		74	---	---	---	55	NL
104-110 in.		---	---	---	---	---	---
108-110 in.		---	---	---	---	---	---
108-112 in.		---	---	---	---	---	---
108-114 in.		63	---	---	---	129	NL
108-132 in.		---	---	---	---	---	---
108-144 in.		---	---	---	---	---	---
110-116 in.		---	---	---	---	---	---
114-116 in.		---	---	---	---	---	---
114-117 in.		---	---	---	---	---	---

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* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
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Soil Core Radiation Field Screening
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114-120 in.		74	---	---	---	59	NL
114-144 in.		---	---	---	---	---	---
116-122 in.		---	---	---	---	---	---
116-144 in.		---	---	---	---	---	---
120-123 in.		---	---	---	---	---	---
120-126 in.		55	---	---	---	---	NL
120-144 in.		---	---	---	---	NL	---
122-128 in.		---	---	---	---	---	---
123-144 in.		---	---	---	---	---	---
126-130 in.		---	---	---	---	---	---
126-132 in.		54	---	---	---	---	---
126-144 in.		---	---	---	---	---	NL
128-132 in.		---	---	---	---	---	---
130-144 in.		---	---	---	---	---	---
132-134 in.		---	---	---	---	---	---
132-135 in.		---	---	---	---	---	---
132-136 in.		---	---	---	---	---	---
132-138 in.		57	---	---	---	---	---
132-144 in.		---	---	---	---	---	---
134-144 in.		---	---	---	---	---	---
135-144 in.		---	---	---	---	---	---
136-142 in.		---	---	---	---	---	---
138-141 in.		---	---	---	---	---	---
138-142 in.		---	---	---	---	---	---
138-144 in.		49	---	---	---	---	---
141-144 in.		---	---	---	---	---	---
142-144 in.		---	---	---	---	---	---
142-148 in.		---	---	---	---	---	---
144-150 in.		54	---	---	---	62	---
144-168 in.		---	---	---	---	---	---
148-154 in.		---	---	---	---	---	---
150-156 in.		49	---	---	---	53	---
154-162 in.		---	---	---	---	---	---
156-160 in.		---	---	---	---	---	---
156-162 in.		42	---	---	---	44	---
160-162 in.		---	---	---	---	---	---
160-166 in.		---	---	---	---	---	---
162-168 in.		42	---	---	---	71	---
166-192 in.		---	---	---	---	---	---
168-174 in.		49	---	---	---	48	---
168-192 in.		---	---	---	---	---	---
174-180 in.		48	---	---	---	52	---
174-192 in.		---	---	---	---	---	---
180-184 in.		---	---	---	---	---	---
180-186 in.		47	---	---	---	51	---
180-192 in.		---	---	---	---	---	---
184-192 in.		---	---	---	---	---	---
186-189 in.		---	---	---	---	---	---
186-190 in.		---	---	---	---	---	---
186-192 in.		47	---	---	---	57	---
189-192 in.		---	---	---	---	---	---
190-192 in.		---	---	---	---	---	---
192-198 in.		---	---	---	---	---	---
192-216 in.		---	---	---	---	---	---
198-214 in.		---	---	---	---	---	---
214-220 in.		---	---	---	---	---	---
216-222 in.		---	---	---	---	---	---
216-240 in.		---	---	---	---	---	---
220-226 in.		---	---	---	---	---	---
222-228 in.		---	---	---	---	---	---
226-232 in.		---	---	---	---	---	---
228-234 in.		---	---	---	---	---	---
234-240 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-099 08/09/99 MD c/min	SB-100 08/09/99 MD c/min	SB-101A 08/09/99 MD c/min	SB-101B 08/09/99 MD c/min	SB-102 08/09/99 MD c/min	SB-103 08/09/99 MD c/min
0-3 in.		---	---	---	---	---	---
0-6 in.		NL	NL	NL	NL	NL	NL
3-6 in.		---	---	---	---	---	---
6-9 in.		---	---	---	---	---	---
6-12 in.		NL	NL	NL	NL	NL	NL
9-11 in.		---	---	---	---	---	---
9-12 in.		---	---	---	---	---	---
9-13 in.		---	---	---	---	---	---
12-14 in.		---	---	---	---	---	---
12-15 in.		---	---	---	---	---	---
12-18 in.		NL	NL	NL	NL	NL	NL
12-48 in.		---	---	---	---	---	---
15-18 in.		---	---	---	---	---	---
15-21 in.		---	---	---	---	---	---
18-21 in.		---	---	---	---	---	---
18-24 in.		NL	NL	NL	NL	NL	NL
18-48 in.		---	---	---	---	---	---
21-24 in.		---	---	---	---	---	---
21-27 in.		---	---	---	---	---	---
21-48 in.		---	---	---	---	---	---
24-28 in.		---	---	---	---	---	---
24-30 in.		NL	NL	NL	NL	NL	NL
24-48 in.		---	---	---	---	---	---
27-30 in.		---	---	---	---	---	---
28-48 in.		---	---	---	---	---	---
30-32 in.		---	---	---	---	---	---
30-33 in.		---	---	---	---	---	---
30-34 in.		---	---	---	---	---	NL
30-36 in.		NL	NL	NL	NL	NL	---
30-48 in.		---	---	---	---	---	---
32-48 in.		---	---	---	---	---	---
33-37 in.		---	---	---	---	---	---
33-48 in.		---	---	---	---	---	---
34-36 in.		---	---	---	---	---	---
34-48 in.		---	---	---	---	---	NL
36-38 in.		---	---	---	---	---	---
36-39 in.		---	---	---	---	---	---
36-40 in.		---	---	---	---	---	---
36-41 in.		---	---	---	---	---	---
36-42 in.		NL	NL	NL	NL	---	---
36-48 in.		---	---	---	---	NL	---
37-48 in.		---	---	---	---	---	---
38-46 in.		---	---	---	---	---	---
38-48 in.		---	---	---	---	---	---
39-42 in.		---	---	---	---	---	---
39-48 in.		---	---	---	---	---	---
40-48 in.		---	---	---	---	---	---
41-48 in.		---	---	---	---	---	---
42-44 in.		---	---	---	---	---	---
42-45 in.		---	---	---	---	---	---
42-46 in.		---	---	---	NL	---	---
42-48 in.		NL	NL	NL	---	---	---
44-48 in.		---	---	---	---	---	---
44-50 in.		---	---	---	---	---	---
45-48 in.		---	---	---	---	---	---
46-48 in.		---	---	---	NL	---	---
46-52 in.		---	---	---	---	---	---
48-52 in.		---	---	---	---	---	---
48-54 in.		NL	NL	---	---	NL	NL
48-60 in.		---	---	---	---	---	---
48-89 in.		---	---	---	---	---	---
50-56 in.		---	---	---	---	---	---
52-58 in.		---	---	---	---	---	---
54-60 in.		NL	NL	---	---	NL	NL
56-62 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-099 08/09/99 MD c/min	SB-100 08/09/99 MD c/min	SB-101A 08/09/99 MD c/min	SB-101B 08/09/99 MD c/min	SB-102 08/09/99 MD c/min	SB-103 08/09/99 MD c/min
58-64 in.		---	---	---	---	---	---
60-64 in.		---	---	---	---	---	---
60-66 in.		NL	NL	---	---	NL	NL
60-96 in.		---	---	---	---	---	---
62-68 in.		---	---	---	---	---	---
64-70 in.		---	---	---	---	---	---
64-96 in.		---	---	---	---	---	---
66-69 in.		---	---	---	---	---	---
66-70 in.		---	---	---	---	---	---
66-72 in.		NL	NL	---	---	NL	NL
66-96 in.		---	---	---	---	---	---
68-74 in.		---	---	---	---	---	---
69-72 in.		---	---	---	---	---	---
70-76 in.		---	---	---	---	---	---
70-96 in.		---	---	---	---	---	---
72-74 in.		---	---	---	---	---	---
72-76 in.		---	---	---	---	---	---
72-78 in.		NL	NL	---	---	NL	NL
72-80 in.		---	---	---	---	---	---
72-84 in.		---	---	---	---	---	---
72-96 in.		---	---	---	---	---	---
74-80 in.		---	---	---	---	---	---
74-96 in.		---	---	---	---	---	---
76-82 in.		---	---	---	---	---	---
76-96 in.		---	---	---	---	---	---
78-81 in.		---	---	---	---	---	---
78-82 in.		---	---	---	---	---	---
78-84 in.		---	NL	---	---	NL	NL
78-96 in.		NL	---	---	---	---	---
80-86 in.		---	---	---	---	---	---
81-96 in.		---	---	---	---	---	---
82-88 in.		---	---	---	---	---	---
84-87 in.		---	---	---	---	---	---
84-88 in.		---	---	---	---	---	---
84-90 in.		---	NL	---	---	NL	NL
84-96 in.		---	---	---	---	---	---
86-88 in.		---	---	---	---	---	---
86-92 in.		---	---	---	---	---	---
87-96 in.		---	---	---	---	---	---
88-92 in.		---	---	---	---	---	---
88-96 in.		---	---	---	---	---	---
89-96 in.		---	---	---	---	---	---
90-92 in.		---	---	---	---	---	---
90-93 in.		---	---	---	---	---	---
90-94 in.		---	---	---	---	---	---
90-96 in.		---	NL	---	---	NL	NL
92-96 in.		---	---	---	---	---	---
92-98 in.		---	---	---	---	---	---
93-96 in.		---	---	---	---	---	---
94-96 in.		---	---	---	---	---	---
96-98 in.		---	---	---	---	---	---
96-102 in.		---	---	---	---	---	NL
96-144 in.		---	---	---	---	---	---
98-102 in.		---	---	---	---	---	---
98-104 in.		---	---	---	---	---	---
102-108 in.		---	---	---	---	---	NL
104-110 in.		---	---	---	---	---	---
108-110 in.		---	---	---	---	---	---
108-112 in.		---	---	---	---	---	---
108-114 in.		---	---	---	---	---	NL
108-132 in.		---	---	---	---	---	---
108-144 in.		---	---	---	---	---	---
110-116 in.		---	---	---	---	---	---
114-116 in.		---	---	---	---	---	---
114-117 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
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Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-099 08/09/99 MD c/min	SB-100 08/09/99 MD c/min	SB-101A 08/09/99 MD c/min	SB-101B 08/09/99 MD c/min	SB-102 08/09/99 MD c/min	SB-103 08/09/99 MD c/min
114-120 in.		---	---	---	---	---	NL
114-144 in.		---	---	---	---	---	---
116-122 in.		---	---	---	---	---	---
116-144 in.		---	---	---	---	---	---
120-123 in.		---	---	---	---	---	---
120-126 in.		---	---	---	---	---	NL
120-144 in.		---	---	---	---	---	---
122-128 in.		---	---	---	---	---	---
123-144 in.		---	---	---	---	---	---
126-130 in.		---	---	---	---	---	---
126-132 in.		---	---	---	---	---	NL
126-144 in.		---	---	---	---	---	---
128-132 in.		---	---	---	---	---	---
130-144 in.		---	---	---	---	---	---
132-134 in.		---	---	---	---	---	---
132-135 in.		---	---	---	---	---	---
132-136 in.		---	---	---	---	---	---
132-138 in.		---	---	---	---	---	---
132-144 in.		---	---	---	---	---	NL
134-144 in.		---	---	---	---	---	---
135-144 in.		---	---	---	---	---	---
136-142 in.		---	---	---	---	---	---
138-141 in.		---	---	---	---	---	---
138-142 in.		---	---	---	---	---	---
138-144 in.		---	---	---	---	---	---
141-144 in.		---	---	---	---	---	---
142-144 in.		---	---	---	---	---	---
142-148 in.		---	---	---	---	---	---
144-150 in.		---	---	---	---	---	---
144-168 in.		---	---	---	---	---	---
148-154 in.		---	---	---	---	---	---
150-156 in.		---	---	---	---	---	---
154-162 in.		---	---	---	---	---	---
156-160 in.		---	---	---	---	---	---
156-162 in.		---	---	---	---	---	---
160-162 in.		---	---	---	---	---	---
160-166 in.		---	---	---	---	---	---
162-168 in.		---	---	---	---	---	---
166-192 in.		---	---	---	---	---	---
168-174 in.		---	---	---	---	---	---
168-192 in.		---	---	---	---	---	---
174-180 in.		---	---	---	---	---	---
174-192 in.		---	---	---	---	---	---
180-184 in.		---	---	---	---	---	---
180-186 in.		---	---	---	---	---	---
180-192 in.		---	---	---	---	---	---
184-192 in.		---	---	---	---	---	---
186-189 in.		---	---	---	---	---	---
186-190 in.		---	---	---	---	---	---
186-192 in.		---	---	---	---	---	---
189-192 in.		---	---	---	---	---	---
190-192 in.		---	---	---	---	---	---
192-198 in.		---	---	---	---	---	---
192-216 in.		---	---	---	---	---	---
198-214 in.		---	---	---	---	---	---
214-220 in.		---	---	---	---	---	---
216-222 in.		---	---	---	---	---	---
216-240 in.		---	---	---	---	---	---
220-226 in.		---	---	---	---	---	---
222-228 in.		---	---	---	---	---	---
226-232 in.		---	---	---	---	---	---
228-234 in.		---	---	---	---	---	---
234-240 in.		---	---	---	---	---	---

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Table 4a
GTE Operations Support Incorporated
 Former Sylvania Electric Products Facility - Hicksville, NY
 Soil Core Radiation Field Screening
 Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-104 08/10/99 MD c/min	SB-105 08/10/99 GD Area 3B c/min	SB-106 08/10/99 GD c/min	SB-107 08/10/99 GD c/min	SB-108 08/10/99 GD Area 3B c/min	SB-109 08/10/99 GD c/min
0-3 in.							
0-6 in.		NL	NL	NL	NL	NL	NL
3-6 in.							
6-9 in.							
6-12 in.		NL	NL	NL	NL	NL	NL
9-11 in.							
9-12 in.							
9-13 in.							
12-14 in.							
12-15 in.							
12-18 in.		NL	NL	NL	NL	NL	NL
12-48 in.							
15-18 in.							
15-21 in.							
18-21 in.							
18-24 in.		NL	NL	NL	NL	NL	NL
18-48 in.							
21-24 in.							
21-27 in.							
21-48 in.							
24-28 in.							
24-30 in.		NL	NL	NL	NL	NL	NL
24-48 in.							
27-30 in.							
28-48 in.							
30-32 in.							
30-33 in.							
30-34 in.							
30-36 in.		NL	NL	NL	NL	NL	NL
30-48 in.							
32-48 in.							
33-37 in.							
33-48 in.							
34-36 in.							
34-48 in.							
36-38 in.							
36-39 in.							
36-40 in.			NL				
36-41 in.							
36-42 in.		NL		NL	NL	NL	NL
36-48 in.							
37-48 in.							
38-46 in.							
38-48 in.							
39-42 in.							
39-48 in.							
40-48 in.			NL				
41-48 in.							
42-44 in.							
42-45 in.							
42-46 in.		NL			NL		
42-48 in.				NL		NL	NL
44-48 in.							
44-50 in.							
45-48 in.							
46-48 in.		NL			NL		
46-52 in.							
48-52 in.							
48-54 in.			NL	NL	NL	NL	NL
48-60 in.		NL					
48-89 in.							
50-56 in.							
52-58 in.							
54-60 in.			NL	NL	NL	NL	NL
56-62 in.							

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GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-104 08/10/99 MD c/min	SB-105 08/10/99 GD Area 3B c/min	SB-106 08/10/99 GD c/min	SB-107 08/10/99 GD c/min	SB-108 08/10/99 GD Area 3B c/min	SB-109 08/10/99 GD c/min
58-64 in.		---	---	---	---	---	---
60-64 in.		---	---	---	---	---	---
60-66 in.		NL	NL	NL	NL	NL	NL
60-96 in.		---	---	---	---	---	---
62-68 in.		---	---	---	---	---	---
64-70 in.		---	---	---	---	---	---
64-96 in.		---	---	---	---	---	---
66-69 in.		---	---	---	---	---	---
66-70 in.		---	---	---	---	---	---
66-72 in.		NL	NL	NL	NL	NL	NL
66-96 in.		---	---	---	---	---	---
68-74 in.		---	---	---	---	---	---
69-72 in.		---	---	---	---	---	---
70-76 in.		---	---	---	---	---	---
70-96 in.		---	---	---	---	---	---
72-74 in.		---	---	---	---	---	---
72-76 in.		---	---	---	---	---	---
72-78 in.		NL	NL	---	NL	NL	NL
72-80 in.		---	---	---	---	---	---
72-84 in.		---	---	---	---	---	---
72-96 in.		---	---	---	---	---	---
74-80 in.		---	---	---	---	---	---
74-96 in.		---	---	---	---	---	---
76-82 in.		---	---	---	---	---	---
76-96 in.		---	---	---	---	---	---
78-81 in.		---	---	---	---	---	---
78-82 in.		---	---	---	---	---	---
78-84 in.		NL	---	---	NL	NL	NL
78-96 in.		---	NL	---	---	---	---
80-86 in.		---	---	---	---	---	---
81-96 in.		---	---	---	---	---	---
82-88 in.		---	---	---	---	---	---
84-87 in.		---	---	---	---	---	---
84-88 in.		---	---	---	---	---	---
84-90 in.		NL	---	---	NL	NL	NL
84-96 in.		---	---	---	---	---	---
86-88 in.		---	---	---	---	---	---
86-92 in.		---	---	---	---	---	---
87-96 in.		---	---	---	---	---	---
88-92 in.		---	---	---	---	---	---
88-96 in.		---	---	---	---	---	---
89-96 in.		---	---	---	---	---	---
90-92 in.		---	---	---	---	---	---
90-93 in.		---	---	---	---	---	---
90-94 in.		---	---	---	---	---	---
90-96 in.		NL	---	---	NL	NL	NL
92-96 in.		---	---	---	---	---	---
92-98 in.		---	---	---	---	---	---
93-96 in.		---	---	---	---	---	---
94-96 in.		---	---	---	---	---	---
96-98 in.		---	---	---	---	---	---
96-102 in.		---	---	---	---	---	---
96-144 in.		---	---	---	---	---	---
98-102 in.		---	---	---	---	---	---
98-104 in.		---	---	---	---	---	---
102-108 in.		---	---	---	---	---	---
104-110 in.		---	---	---	---	---	---
108-110 in.		---	---	---	---	---	---
108-112 in.		---	---	---	---	---	---
108-114 in.		---	---	---	---	---	---
108-132 in.		---	---	---	---	---	---
108-144 in.		---	---	---	---	---	---
110-116 in.		---	---	---	---	---	---
114-116 in.		---	---	---	---	---	---
114-117 in.		---	---	---	---	---	---

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Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-104 08/10/99 MD c/min	SB-105 08/10/99 GD Area 3B c/min	SB-106 08/10/99 GD c/min	SB-107 08/10/99 GD c/min	SB-108 08/10/99 GD Area 3B c/min	SB-109 08/10/99 GD c/min
114-120 in.		---	---	---	---	---	---
114-144 in.		---	---	---	---	---	---
116-122 in.		---	---	---	---	---	---
116-144 in.		---	---	---	---	---	---
120-123 in.		---	---	---	---	---	---
120-126 in.		---	---	---	---	---	---
120-144 in.		---	---	---	---	---	---
122-128 in.		---	---	---	---	---	---
123-144 in.		---	---	---	---	---	---
126-130 in.		---	---	---	---	---	---
126-132 in.		---	---	---	---	---	---
126-144 in.		---	---	---	---	---	---
128-132 in.		---	---	---	---	---	---
130-144 in.		---	---	---	---	---	---
132-134 in.		---	---	---	---	---	---
132-135 in.		---	---	---	---	---	---
132-136 in.		---	---	---	---	---	---
132-138 in.		---	---	---	---	---	---
132-144 in.		---	---	---	---	---	---
134-144 in.		---	---	---	---	---	---
135-144 in.		---	---	---	---	---	---
136-142 in.		---	---	---	---	---	---
138-141 in.		---	---	---	---	---	---
138-142 in.		---	---	---	---	---	---
138-144 in.		---	---	---	---	---	---
141-144 in.		---	---	---	---	---	---
142-144 in.		---	---	---	---	---	---
142-148 in.		---	---	---	---	---	---
144-150 in.		---	---	---	---	---	---
144-168 in.		---	---	---	---	---	---
148-154 in.		---	---	---	---	---	---
150-156 in.		---	---	---	---	---	---
154-162 in.		---	---	---	---	---	---
156-160 in.		---	---	---	---	---	---
156-162 in.		---	---	---	---	---	---
160-162 in.		---	---	---	---	---	---
160-166 in.		---	---	---	---	---	---
162-168 in.		---	---	---	---	---	---
166-192 in.		---	---	---	---	---	---
168-174 in.		---	---	---	---	---	---
168-192 in.		---	---	---	---	---	---
174-180 in.		---	---	---	---	---	---
174-192 in.		---	---	---	---	---	---
180-184 in.		---	---	---	---	---	---
180-186 in.		---	---	---	---	---	---
180-192 in.		---	---	---	---	---	---
184-192 in.		---	---	---	---	---	---
186-189 in.		---	---	---	---	---	---
186-190 in.		---	---	---	---	---	---
186-192 in.		---	---	---	---	---	---
189-192 in.		---	---	---	---	---	---
190-192 in.		---	---	---	---	---	---
192-198 in.		---	---	---	---	---	---
192-216 in.		---	---	---	---	---	---
198-214 in.		---	---	---	---	---	---
214-220 in.		---	---	---	---	---	---
216-222 in.		---	---	---	---	---	---
216-240 in.		---	---	---	---	---	---
220-226 in.		---	---	---	---	---	---
222-228 in.		---	---	---	---	---	---
226-232 in.		---	---	---	---	---	---
228-234 in.		---	---	---	---	---	---
234-240 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SG-001 07/09/99 AT c/min
0-3 in.		---
0-6 in.		35
3-6 in.		---
6-9 in.		---
6-12 in.		22
9-11 in.		---
9-12 in.		---
9-13 in.		---
12-14 in.		---
12-15 in.		---
12-18 in.		24
12-48 in.		---
15-18 in.		---
15-21 in.		---
18-21 in.		---
18-24 in.		37
18-48 in.		---
21-24 in.		---
21-27 in.		---
21-48 in.		---
24-28 in.		---
24-30 in.		32
24-48 in.		---
27-30 in.		---
28-48 in.		---
30-32 in.		---
30-33 in.		---
30-34 in.		---
30-36 in.		31
30-48 in.		---
32-48 in.		---
33-37 in.		---
33-48 in.		---
34-36 in.		---
34-48 in.		---
36-38 in.		---
36-39 in.		---
36-40 in.		---
36-41 in.		---
36-42 in.		30
36-48 in.		---
37-48 in.		---
38-46 in.		---
38-48 in.		---
39-42 in.		---
39-48 in.		---
40-48 in.		---
41-48 in.		---
42-44 in.		---
42-45 in.		---
42-46 in.		28
42-48 in.		---
44-48 in.		---
44-50 in.		---
45-48 in.		---
46-48 in.		NL
46-52 in.		---
48-52 in.		---
48-54 in.		---
48-60 in.		---
48-89 in.		---
50-56 in.		---
52-58 in.		---
54-60 in.		---
56-62 in.		---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Depth	Sample ID Sample Date Property * Excavation Area Units	SG-001 07/09/99 AT c/min
58-64 in.		---
60-64 in.		---
60-66 in.		---
60-96 in.		---
62-68 in.		---
64-70 in.		---
64-96 in.		---
66-69 in.		---
66-70 in.		---
66-72 in.		---
66-96 in.		---
68-74 in.		---
69-72 in.		---
70-76 in.		---
70-96 in.		---
72-74 in.		---
72-76 in.		---
72-78 in.		---
72-80 in.		---
72-84 in.		---
72-96 in.		---
74-80 in.		---
74-96 in.		---
76-82 in.		---
76-96 in.		---
78-81 in.		---
78-82 in.		---
78-84 in.		---
78-96 in.		---
80-86 in.		---
81-96 in.		---
82-88 in.		---
84-87 in.		---
84-88 in.		---
84-90 in.		---
84-96 in.		---
86-88 in.		---
86-92 in.		---
87-96 in.		---
88-92 in.		---
88-96 in.		---
89-96 in.		---
90-92 in.		---
90-93 in.		---
90-94 in.		---
90-96 in.		---
92-96 in.		---
92-98 in.		---
93-96 in.		---
94-96 in.		---
96-98 in.		---
96-102 in.		---
96-144 in.		---
98-102 in.		---
98-104 in.		---
102-108 in.		---
104-110 in.		---
108-110 in.		---
108-112 in.		---
108-114 in.		---
108-132 in.		---
108-144 in.		---
110-116 in.		---
114-116 in.		---
114-117 in.		---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.



Table 4a
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Alpha/Beta Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SG-001 07/09/99 AT c/min
114-120 in.		---
114-144 in.		---
116-122 in.		---
116-144 in.		---
120-123 in.		---
120-126 in.		---
120-144 in.		---
122-128 in.		---
123-144 in.		---
126-130 in.		---
126-132 in.		---
126-144 in.		---
128-132 in.		---
130-144 in.		---
132-134 in.		---
132-135 in.		---
132-136 in.		---
132-138 in.		---
132-144 in.		---
134-144 in.		---
135-144 in.		---
136-142 in.		---
138-141 in.		---
138-142 in.		---
138-144 in.		---
141-144 in.		---
142-144 in.		---
142-148 in.		---
144-150 in.		---
144-168 in.		---
148-154 in.		---
150-156 in.		---
154-162 in.		---
156-160 in.		---
156-162 in.		---
160-162 in.		---
160-166 in.		---
162-168 in.		---
166-192 in.		---
168-174 in.		---
168-192 in.		---
174-180 in.		---
174-192 in.		---
180-184 in.		---
180-186 in.		---
180-192 in.		---
184-192 in.		---
186-189 in.		---
186-190 in.		---
186-192 in.		---
189-192 in.		---
190-192 in.		---
192-198 in.		---
192-216 in.		---
198-214 in.		---
214-220 in.		---
216-222 in.		---
216-240 in.		---
220-226 in.		---
222-228 in.		---
226-232 in.		---
228-234 in.		---
234-240 in.		---

NOTES: NL - not logged.
* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
BK - Background, DPW - Department of Public Works.

**Soil core radiation field screening
gamma data**

Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	BK-001 07/12/99 BK c/min	BK-002 07/12/99 BK c/min	SB-001 07/07/99 AT c/min	SB-002 07/07/99 AT c/min	SB-003 07/07/99 AT Area 1C c/min	SB-004A 07/07/99 AT Area 1A c/min
0-3 in.		---	---	---	---	---	8269
0-6 in.		2724	2551	NL	NL	2274	---
3-6 in.		---	---	---	---	---	7141
6-9 in.		---	---	---	---	---	4177
6-12 in.		2711	2670	2145	2173	3189	---
9-11 in.		---	---	---	---	---	---
9-12 in.		---	---	---	---	---	3042
9-13 in.		---	---	---	---	---	---
12-14 in.		---	---	---	---	---	2894
12-15 in.		---	---	---	---	---	---
12-18 in.		2692	2524	2090	2122	5002	---
12-48 in.		---	---	---	---	---	---
15-18 in.		---	---	---	---	---	---
15-21 in.		---	---	---	---	3354	---
18-21 in.		---	---	---	---	---	---
18-24 in.		2655	2566	2194	2130	2612	---
18-48 in.		---	---	---	---	---	---
21-24 in.		---	---	---	---	---	---
21-27 in.		---	---	---	---	---	---
21-48 in.		---	---	---	---	---	---
24-28 in.		---	---	---	---	---	---
24-30 in.		2566	2469	2127	2194	2271	---
24-48 in.		---	---	---	---	---	---
27-30 in.		---	---	---	---	---	---
28-48 in.		---	---	---	---	---	---
30-32 in.		---	---	---	---	---	---
30-33 in.		---	---	---	---	---	---
30-34 in.		---	---	---	---	---	---
30-36 in.		2584	2536	2148	2046	2197	---
30-48 in.		---	---	---	---	---	---
32-48 in.		---	---	---	---	---	---
33-37 in.		---	---	---	---	---	---
33-48 in.		---	---	---	---	---	---
34-36 in.		---	---	---	---	---	---
34-48 in.		---	---	---	---	---	---
36-38 in.		---	---	---	---	---	---
36-39 in.		2544	---	---	---	---	---
36-40 in.		---	2561	---	---	---	---
36-41 in.		---	---	---	---	---	---
36-42 in.		---	---	2123	2121	2171	---
36-48 in.		---	---	---	---	---	---
37-48 in.		---	---	---	---	---	---
38-46 in.		---	---	---	---	---	---
38-48 in.		---	---	---	---	---	---
39-42 in.		---	---	---	---	---	---
39-48 in.		NL	---	---	---	---	---
40-48 in.		---	NL	---	---	---	---
41-48 in.		---	---	---	---	---	---
42-44 in.		---	---	---	---	---	---
42-45 in.		---	---	---	---	---	---
42-46 in.		---	---	---	2124	2118	---
42-48 in.		---	---	2084	---	---	---
44-48 in.		---	---	---	---	---	---
44-50 in.		---	---	2097	---	---	---
45-48 in.		---	---	---	---	---	---
46-48 in.		---	---	---	---	---	---
46-52 in.		---	---	---	2165	2197	---
48-52 in.		---	---	---	---	---	---
48-54 in.		2602	2494	---	---	---	---
48-60 in.		---	---	---	---	---	---
48-89 in.		---	---	---	---	---	---
50-56 in.		---	---	2250	---	---	---
52-58 in.		---	---	---	2118	2135	---
54-60 in.		2676	2475	---	---	---	---
56-62 in.		---	---	2174	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	BK-001 07/12/99 BK c/min	BK-002 07/12/99 BK c/min	SB-001 07/07/99 AT c/min	SB-002 07/07/99 AT c/min	SB-003 07/07/99 AT Area 1C c/min	SB-004A 07/07/99 AT Area 1A c/min
58-64 in.		---	---	---	2087	2168	---
60-64 in.		---	---	---	---	---	---
60-66 in.		2551	2507	---	---	---	---
60-96 in.		---	---	---	---	---	---
62-68 in.		---	---	2104	---	---	---
64-70 in.		---	---	---	2140	2181	---
64-96 in.		---	---	---	---	---	---
66-69 in.		---	---	---	---	---	---
66-70 in.		---	---	---	---	---	---
66-72 in.		2536	2531	---	---	---	---
66-96 in.		---	---	---	---	---	---
68-74 in.		---	---	2201	---	---	---
69-72 in.		---	---	---	---	---	---
70-76 in.		---	---	---	2132	2176	---
70-96 in.		---	---	---	---	---	---
72-74 in.		---	---	---	---	---	---
72-76 in.		---	---	---	---	---	---
72-78 in.		2525	2531	---	---	---	---
72-80 in.		---	---	---	---	---	---
72-84 in.		---	---	---	---	---	---
72-96 in.		---	---	---	---	---	---
74-80 in.		---	---	2154	---	---	---
74-96 in.		---	---	---	---	---	---
76-82 in.		---	---	---	2093	2138	---
76-96 in.		---	---	---	---	---	---
78-81 in.		---	---	---	---	---	---
78-82 in.		---	---	---	---	---	---
78-84 in.		2586	2547	---	---	---	---
78-96 in.		---	---	---	---	---	---
80-86 in.		---	---	2085	---	---	---
81-96 in.		---	---	---	---	---	---
82-88 in.		---	---	---	2186	2050	---
84-87 in.		---	---	---	---	---	---
84-88 in.		---	---	---	---	---	---
84-90 in.		---	2552	---	---	---	---
84-96 in.	NL	---	---	---	---	---	---
86-88 in.		---	---	---	---	---	---
86-92 in.		---	---	2043	---	---	---
87-96 in.		---	---	---	---	---	---
88-92 in.		---	---	---	2161	2230	---
88-96 in.		---	---	---	---	---	---
89-96 in.		---	---	---	---	---	---
90-92 in.		---	---	---	---	---	---
90-93 in.		---	---	---	---	---	---
90-94 in.		---	2486	---	---	---	---
90-96 in.		---	---	---	---	---	---
92-96 in.		---	---	---	---	---	---
92-98 in.		---	---	---	---	---	---
93-96 in.		---	---	---	---	---	---
94-96 in.		---	NL	---	---	---	---
96-98 in.		---	---	---	---	---	---
96-102 in.		---	---	---	---	---	---
96-144 in.		---	---	---	---	---	---
98-102 in.		---	---	---	---	---	---
98-104 in.		---	---	---	---	---	---
102-108 in.		---	---	---	---	---	---
102-128 in.		---	---	---	---	---	---
104-110 in.		---	---	---	---	---	---
108-110 in.		---	---	---	---	---	---
108-112 in.		---	---	---	---	---	---
108-114 in.		---	---	---	---	---	---
108-132 in.		---	---	---	---	---	---
108-144 in.		---	---	---	---	---	---
110-116 in.		---	---	---	---	---	---
114-116 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	BK-001 07/12/99 BK c/min	BK-002 07/12/99 BK c/min	SB-001 07/07/99 AT c/min	SB-002 07/07/99 AT c/min	SB-003 07/07/99 AT Area 1C c/min	SB-004A 07/07/99 AT Area 1A c/min
114-117 in.		---	---	---	---	---	---
114-120 in.		---	---	---	---	---	---
114-144 in.		---	---	---	---	---	---
116-122 in.		---	---	---	---	---	---
116-144 in.		---	---	---	---	---	---
120-123 in.		---	---	---	---	---	---
120-126 in.		---	---	---	---	---	---
120-144 in.		---	---	---	---	---	---
122-128 in.		---	---	---	---	---	---
123-144 in.		---	---	---	---	---	---
126-130 in.		---	---	---	---	---	---
126-132 in.		---	---	---	---	---	---
126-144 in.		---	---	---	---	---	---
128-132 in.		---	---	---	---	---	---
130-144 in.		---	---	---	---	---	---
132-134 in.		---	---	---	---	---	---
132-135 in.		---	---	---	---	---	---
132-136 in.		---	---	---	---	---	---
132-138 in.		---	---	---	---	---	---
132-144 in.		---	---	---	---	---	---
134-144 in.		---	---	---	---	---	---
135-144 in.		---	---	---	---	---	---
136-142 in.		---	---	---	---	---	---
138-141 in.		---	---	---	---	---	---
138-142 in.		---	---	---	---	---	---
138-144 in.		---	---	---	---	---	---
141-144 in.		---	---	---	---	---	---
142-144 in.		---	---	---	---	---	---
142-148 in.		---	---	---	---	---	---
144-150 in.		---	---	---	---	---	---
144-168 in.		---	---	---	---	---	---
148-154 in.		---	---	---	---	---	---
150-156 in.		---	---	---	---	---	---
154-162 in.		---	---	---	---	---	---
156-160 in.		---	---	---	---	---	---
156-162 in.		---	---	---	---	---	---
160-162 in.		---	---	---	---	---	---
160-166 in.		---	---	---	---	---	---
162-168 in.		---	---	---	---	---	---
166-192 in.		---	---	---	---	---	---
168-174 in.		---	---	---	---	---	---
168-192 in.		---	---	---	---	---	---
174-180 in.		---	---	---	---	---	---
174-192 in.		---	---	---	---	---	---
180-184 in.		---	---	---	---	---	---
180-186 in.		---	---	---	---	---	---
180-192 in.		---	---	---	---	---	---
184-192 in.		---	---	---	---	---	---
186-189 in.		---	---	---	---	---	---
186-190 in.		---	---	---	---	---	---
186-192 in.		---	---	---	---	---	---
189-192 in.		---	---	---	---	---	---
190-192 in.		---	---	---	---	---	---
192-198 in.		---	---	---	---	---	---
192-216 in.		---	---	---	---	---	---
198-214 in.		---	---	---	---	---	---
214-220 in.		---	---	---	---	---	---
216-222 in.		---	---	---	---	---	---
216-240 in.		---	---	---	---	---	---
220-226 in.		---	---	---	---	---	---
222-228 in.		---	---	---	---	---	---
226-232 in.		---	---	---	---	---	---
228-234 in.		---	---	---	---	---	---
234-240 in.		---	---	---	---	---	---

NOTES: NL - not logged.
 * Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-004B 07/07/99 AT Area 1A c/min	SB-004C 07/07/99 AT Area 1A c/min	SB-005 07/07/99 AT c/min	SB-006 07/08/99 AT c/min	SB-007 07/08/99 AT c/min	SB-008 07/08/99 AT c/min
0-3 in.		2024	2018	---	---	---	---
0-6 in.		---	---	2103	2225	2211	2097
3-6 in.		2077	2102	---	---	---	---
6-9 in.		2085	2010	---	---	---	---
6-12 in.		---	---	2203	2212	2239	2260
9-11 in.		---	2121	---	---	---	---
9-12 in.		---	---	---	---	---	---
9-13 in.		2082	---	---	---	---	---
12-14 in.		---	---	---	---	---	---
12-15 in.		---	---	---	---	---	---
12-18 in.		---	---	2156	2267	2116	2196
12-48 in.		---	---	---	---	---	---
15-18 in.		---	---	---	---	---	---
15-21 in.		---	---	---	---	---	---
18-21 in.		---	---	---	---	---	---
18-24 in.		---	---	2200	2238	2179	2200
18-48 in.		---	---	---	---	---	---
21-24 in.		---	---	---	---	---	---
21-27 in.		---	---	---	---	---	---
21-48 in.		---	---	---	---	---	---
24-28 in.		---	---	---	---	---	---
24-30 in.		---	---	2176	2275	2225	2194
24-48 in.		---	---	---	---	---	---
27-30 in.		---	---	---	---	---	---
28-48 in.		---	---	---	---	---	---
30-32 in.		---	---	---	---	---	---
30-33 in.		---	---	---	---	---	---
30-34 in.		---	---	---	---	---	---
30-36 in.		---	---	2190	2276	2206	---
30-48 in.		---	---	---	---	---	---
32-48 in.		---	---	---	---	---	---
33-37 in.		---	---	---	---	---	---
33-48 in.		---	---	---	---	---	---
34-36 in.		---	---	---	---	---	---
34-48 in.		---	---	---	---	---	---
36-38 in.		---	---	---	---	---	---
36-39 in.		---	---	---	---	---	---
36-40 in.		---	---	---	---	---	---
36-41 in.		---	---	---	---	---	---
36-42 in.		---	---	2105	2137	2266	---
36-48 in.		---	---	---	---	---	---
37-48 in.		---	---	---	---	---	---
38-46 in.		---	---	---	---	---	---
38-48 in.		---	---	---	---	---	---
39-42 in.		---	---	---	---	---	---
39-48 in.		---	---	---	---	---	---
40-48 in.		---	---	---	---	---	---
41-48 in.		---	---	---	---	---	---
42-44 in.		---	---	---	---	---	---
42-45 in.		---	---	---	---	---	---
42-46 in.		---	---	2083	2159	2191	---
42-48 in.		---	---	NL	---	---	---
44-48 in.		---	---	---	---	---	---
44-50 in.		---	---	---	---	---	---
45-48 in.		---	---	---	---	---	---
46-48 in.		---	---	NL	NL	NL	---
46-52 in.		---	---	---	---	---	---
48-52 in.		---	---	2139	---	---	---
48-54 in.		---	---	---	2182	2198	2175
48-60 in.		---	---	---	---	---	---
48-89 in.		---	---	---	---	---	---
50-56 in.		---	---	---	---	---	---
52-58 in.		---	---	2144	---	---	---
54-60 in.		---	---	---	2163	2216	2218
56-62 in.		---	---	---	---	---	---

NOTES: NL - not logged.
 * Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-004B 07/07/99 AT Area 1A c/min	SB-004C 07/07/99 AT Area 1A c/min	SB-005 07/07/99 AT c/min	SB-006 07/08/99 AT c/min	SB-007 07/08/99 AT c/min	SB-008 07/08/99 AT c/min
58-64 in.		---	---	2031	---	---	---
60-64 in.		---	---	---	---	---	---
60-66 in.		---	---	---	2162	2210	2274
60-96 in.		---	---	---	---	---	---
62-68 in.		---	---	---	---	---	---
64-70 in.		---	---	2134	---	---	---
64-96 in.		---	---	---	---	---	---
66-69 in.		---	---	---	---	---	---
66-70 in.		---	---	---	---	---	---
66-72 in.		---	---	---	2211	2229	2153
66-96 in.		---	---	---	---	---	---
68-74 in.		---	---	---	---	---	---
69-72 in.		---	---	---	---	---	---
70-76 in.		---	---	2134	---	---	---
70-96 in.		---	---	---	---	---	---
72-74 in.		---	---	---	---	---	---
72-76 in.		---	---	---	---	---	---
72-78 in.		---	---	---	2249	2188	2203
72-80 in.		---	---	---	---	---	---
72-84 in.		---	---	---	---	---	---
72-96 in.		---	---	---	---	---	---
74-80 in.		---	---	---	---	---	---
74-96 in.		---	---	---	---	---	---
76-82 in.		---	---	2093	---	---	---
76-96 in.		---	---	---	---	---	---
78-81 in.		---	---	---	---	---	---
78-82 in.		---	---	---	---	---	---
78-84 in.		---	---	---	2348	2205	2199
78-96 in.		---	---	---	---	---	---
80-86 in.		---	---	---	---	---	---
81-96 in.		---	---	---	---	---	---
82-88 in.		---	---	2137	---	---	---
84-87 in.		---	---	---	---	---	---
84-88 in.		---	---	---	---	---	---
84-90 in.		---	---	---	2200	2284	2216
84-96 in.		---	---	---	---	---	---
86-88 in.		---	---	---	---	---	---
86-92 in.		---	---	---	---	---	---
87-96 in.		---	---	---	---	---	---
88-92 in.		---	---	2082	---	---	---
88-96 in.		---	---	---	---	---	---
89-96 in.		---	---	---	---	---	---
90-92 in.		---	---	---	---	---	---
90-93 in.		---	---	---	---	---	---
90-94 in.		---	---	---	2144	2164	---
90-96 in.		---	---	---	---	---	2142
92-96 in.		---	---	---	---	---	---
92-98 in.		---	---	2117	---	---	---
93-96 in.		---	---	---	---	---	---
94-96 in.		---	---	---	NL	NL	---
96-98 in.		---	---	---	---	---	---
96-102 in.		---	---	---	2119	2196	2261
96-144 in.		---	---	---	---	---	---
98-102 in.		---	---	---	---	---	---
98-104 in.		---	---	2154	---	---	---
102-108 in.		---	---	---	2219	2213	2257
102-128 in.		---	---	---	---	---	---
104-110 in.		---	---	2079	---	---	---
108-110 in.		---	---	---	---	---	---
108-112 in.		---	---	---	---	---	---
108-114 in.		---	---	---	2182	2247	2285
108-132 in.		---	---	---	---	---	---
108-144 in.		---	---	---	---	---	---
110-116 in.		---	---	2103	---	---	---
114-116 in.		---	---	---	---	---	---

NOTES: NL - not logged.
 * Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-004B 07/07/99 AT Area 1A c/min	SB-004C 07/07/99 AT Area 1A c/min	SB-005 07/07/99 AT c/min	SB-006 07/08/99 AT c/min	SB-007 07/08/99 AT c/min	SB-008 07/08/99 AT c/min
114-117 in.		---	---	---	---	---	---
114-120 in.		---	---	---	2259	2177	2301
114-144 in.		---	---	---	---	---	---
116-122 in.		---	---	2051	---	---	---
116-144 in.		---	---	---	---	---	---
120-123 in.		---	---	---	---	---	---
120-126 in.		---	---	---	2166	2129	2293
120-144 in.		---	---	---	---	---	---
122-128 in.		---	---	2057	---	---	---
123-144 in.		---	---	---	---	---	---
126-130 in.		---	---	---	---	---	---
126-132 in.		---	---	---	2144	2129	2303
126-144 in.		---	---	---	---	---	---
128-132 in.		---	---	2069	---	---	---
130-144 in.		---	---	---	---	---	---
132-134 in.		---	---	---	---	---	---
132-135 in.		---	---	---	---	---	---
132-136 in.		---	---	2069	---	---	---
132-138 in.		---	---	---	2183	2197	2223
132-144 in.		---	---	---	---	---	---
134-144 in.		---	---	---	---	---	---
135-144 in.		---	---	---	---	---	---
136-142 in.		---	---	2169	---	---	---
138-141 in.		---	---	---	---	---	---
138-142 in.		---	---	---	---	2056	---
138-144 in.		---	---	---	2227	---	2270
141-144 in.		---	---	---	---	---	---
142-144 in.		---	---	---	---	NL	---
142-148 in.		---	---	2157	---	---	---
144-150 in.		---	---	---	---	2156	2156
144-168 in.		---	---	---	---	---	---
148-154 in.		---	---	2010	---	---	---
150-156 in.		---	---	---	---	2283	2079
154-162 in.		---	---	2070	---	---	---
156-160 in.		---	---	---	---	---	---
156-162 in.		---	---	---	---	2209	2139
160-162 in.		---	---	---	---	---	---
160-166 in.		---	---	---	---	---	---
162-168 in.		---	---	2111	---	2166	2238
166-192 in.		---	---	---	---	---	---
168-174 in.		---	---	2062	---	2201	2336
168-192 in.		---	---	---	---	---	---
174-180 in.		---	---	2052	---	2166	2353
174-192 in.		---	---	---	---	---	---
180-184 in.		---	---	2153	---	---	---
180-186 in.		---	---	---	---	---	2290
180-192 in.		---	---	---	---	---	---
184-192 in.		---	---	---	---	---	---
186-189 in.		---	---	---	---	---	---
186-190 in.		---	---	---	---	---	---
186-192 in.		---	---	---	---	---	2404
189-192 in.		---	---	---	---	---	---
190-192 in.		---	---	---	---	---	---
192-198 in.		---	---	---	---	---	---
192-216 in.		---	---	---	---	---	---
198-214 in.		---	---	---	---	---	---
214-220 in.		---	---	---	---	---	---
216-222 in.		---	---	---	---	---	---
216-240 in.		---	---	---	---	---	---
220-226 in.		---	---	---	---	---	---
222-228 in.		---	---	---	---	---	---
226-232 in.		---	---	---	---	---	---
228-234 in.		---	---	---	---	---	---
234-240 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-009 07/08/99 AT Area 1B c/min	SB-009B 07/08/99 AT Area 1B c/min	SB-009C 07/09/99 AT Area 1B c/min	SB-009D 07/09/99 AT Area 1B c/min	SB-009E 07/09/99 AT Area 1B c/min	SB-010 07/08/99 AT c/min
0-3 in.		---	---	---	---	---	---
0-6 in.		118,124	2446	2179	33019	2272	2280
3-6 in.		---	---	---	---	---	---
6-9 in.		---	---	---	---	---	---
6-12 in.		>1000000	2820	2244	136958	2282	2189
9-11 in.		---	---	---	---	---	---
9-12 in.		---	---	---	---	---	---
9-13 in.		---	---	---	---	---	---
12-14 in.		---	---	---	---	---	---
12-15 in.		---	---	---	---	---	---
12-18 in.		453,353	6881	2357 (2252)	916625	2713	2215
12-48 in.		---	---	---	---	---	---
15-18 in.		---	---	---	---	---	---
15-21 in.		---	---	---	---	---	---
18-21 in.		---	---	---	---	---	---
18-24 in.		92,526	5678	2247	172690	2598	2294
18-48 in.		---	---	---	---	---	---
21-24 in.		---	---	---	---	---	---
21-27 in.		---	---	---	---	---	---
21-48 in.		---	---	---	---	---	---
24-28 in.		---	---	---	---	---	---
24-30 in.		39,135	3060	2229	35785	2335	2341
24-48 in.		---	---	---	---	---	---
27-30 in.		---	---	---	---	---	---
28-48 in.		---	---	---	---	---	---
30-32 in.		---	---	---	---	---	---
30-33 in.		---	---	---	---	---	---
30-34 in.		---	---	---	---	---	---
30-36 in.		26,297	2537	2152	13889	2217	2310
30-48 in.		---	---	---	---	---	---
32-48 in.		---	---	---	---	---	---
33-37 in.		---	---	---	---	---	---
33-48 in.		---	---	---	---	---	---
34-36 in.		---	---	---	---	---	---
34-48 in.		---	---	---	---	---	---
36-38 in.		12,831	---	---	---	---	---
36-39 in.		---	---	---	---	---	---
36-40 in.		---	---	---	---	---	---
36-41 in.		---	---	---	---	---	---
36-42 in.		---	2326	2097	7233 (7631)	2243	2197
36-48 in.		---	---	---	---	---	---
37-48 in.		---	---	---	---	---	---
38-46 in.		NL	---	---	---	---	---
38-48 in.		---	---	---	---	---	---
39-42 in.		---	---	---	---	---	---
39-48 in.		---	---	---	---	---	---
40-48 in.		---	---	---	---	---	---
41-48 in.		---	---	---	---	---	---
42-44 in.		---	---	---	---	---	---
42-45 in.		---	---	---	---	---	2189
42-46 in.		---	---	---	---	---	---
42-48 in.		---	NL	2045	NL	NL	---
44-48 in.		---	---	---	---	---	---
44-50 in.		---	---	---	---	---	---
45-48 in.		---	---	---	---	---	NL
46-48 in.		15,730	---	---	---	---	---
46-52 in.		---	---	---	---	---	---
48-52 in.		---	---	---	---	---	---
48-54 in.		3938	3133	2121	41136	2332	2102
48-60 in.		---	---	---	---	---	---
48-89 in.		---	---	---	---	---	---
50-56 in.		---	---	---	---	---	---
52-58 in.		---	---	---	---	---	---
54-60 in.		2747	2403	2075	11517	2237	2184
56-62 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
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Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-009 07/08/99 AT Area 1B c/min	SB-009B 07/08/99 AT Area 1B c/min	SB-009C 07/09/99 AT Area 1B c/min	SB-009D 07/09/99 AT Area 1B c/min	SB-009E 07/09/99 AT Area 1B c/min	SB-010 07/08/99 AT c/min
58-64 in.		---	---	---	---	---	---
60-64 in.		---	---	---	---	---	---
60-66 in.		2480	2209	2136	3804	2182	2180
60-96 in.		---	---	---	---	---	---
62-68 in.		---	---	---	---	---	---
64-70 in.		---	---	---	---	---	---
64-96 in.		---	---	---	---	---	---
66-69 in.		---	---	---	---	---	---
66-70 in.		---	---	---	---	---	---
66-72 in.		2419	2266	2172	2660	NL	2240
66-96 in.		---	---	---	---	---	---
68-74 in.		---	---	---	---	---	---
69-72 in.		---	---	---	---	---	---
70-76 in.		---	---	---	---	---	---
70-96 in.		---	---	---	---	---	---
72-74 in.		---	---	---	---	---	---
72-76 in.		---	---	---	---	---	---
72-78 in.		14,334	2298	---	---	---	2267
72-80 in.		---	---	---	---	---	---
72-84 in.		---	---	---	---	---	---
72-96 in.		---	---	---	---	---	---
74-80 in.		---	---	---	---	---	---
74-96 in.		---	---	---	---	---	---
76-82 in.		---	---	---	---	---	---
76-96 in.		---	---	---	---	---	---
78-81 in.		---	---	---	---	---	---
78-82 in.		---	---	---	---	---	---
78-84 in.		5400	2325	---	---	---	2169
78-96 in.		---	---	---	---	---	---
80-86 in.		---	---	---	---	---	---
81-96 in.		---	---	---	---	---	---
82-88 in.		---	---	---	---	---	---
84-87 in.		---	---	---	---	---	---
84-88 in.		---	---	---	---	---	---
84-90 in.		2775	2281	---	---	---	2176
84-96 in.		---	---	---	---	---	---
86-88 in.		---	---	---	---	---	---
86-92 in.		---	---	---	---	---	---
87-96 in.		---	---	---	---	---	---
88-92 in.		---	---	---	---	---	---
88-96 in.		---	---	---	---	---	---
89-96 in.		---	---	---	---	---	---
90-92 in.		2410	---	---	---	---	---
90-93 in.		---	---	---	---	---	---
90-94 in.		---	2364	---	---	---	---
90-96 in.		---	---	---	---	---	2252
92-96 in.		---	---	---	---	---	---
92-98 in.		---	---	---	---	---	---
93-96 in.		---	---	---	---	---	---
94-96 in.		---	NL	---	---	---	---
96-98 in.		---	---	---	---	---	---
96-102 in.		---	---	---	---	---	2262
96-144 in.		---	---	---	---	---	---
98-102 in.		---	---	---	---	---	---
98-104 in.		---	---	---	---	---	---
102-108 in.		---	---	---	---	---	2315
102-128 in.		---	---	---	---	---	---
104-110 in.		---	---	---	---	---	---
108-110 in.		---	---	---	---	---	---
108-112 in.		---	---	---	---	---	---
108-114 in.		---	---	---	---	---	2291
108-132 in.		---	---	---	---	---	---
108-144 in.		---	---	---	---	---	---
110-116 in.		---	---	---	---	---	---
114-116 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
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Table 4b
GTE Operations Support Incorporated
 Former Sylvania Electric Products Facility - Hicksville, NY
 Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-009 07/08/99 AT Area 1B c/min	SB-009B 07/08/99 AT Area 1B c/min	SB-009C 07/09/99 AT Area 1B c/min	SB-009D 07/09/99 AT Area 1B c/min	SB-009E 07/09/99 AT Area 1B c/min	SB-010 07/08/99 AT c/min
114-117 in.		---	---	---	---	---	---
114-120 in.		---	---	---	---	---	2262
114-144 in.		---	---	---	---	---	---
116-122 in.		---	---	---	---	---	---
116-144 in.		---	---	---	---	---	---
120-123 in.		---	---	---	---	---	---
120-126 in.		---	---	---	---	---	---
120-144 in.		---	---	---	---	---	---
122-128 in.		---	---	---	---	---	---
123-144 in.		---	---	---	---	---	---
126-130 in.		---	---	---	---	---	---
126-132 in.		---	---	---	---	---	---
126-144 in.		---	---	---	---	---	---
128-132 in.		---	---	---	---	---	---
130-144 in.		---	---	---	---	---	---
132-134 in.		---	---	---	---	---	---
132-135 in.		---	---	---	---	---	---
132-136 in.		---	---	---	---	---	---
132-138 in.		---	---	---	---	---	---
132-144 in.		---	---	---	---	---	---
134-144 in.		---	---	---	---	---	---
135-144 in.		---	---	---	---	---	---
136-142 in.		---	---	---	---	---	---
138-141 in.		---	---	---	---	---	---
138-142 in.		---	---	---	---	---	---
138-144 in.		---	---	---	---	---	---
141-144 in.		---	---	---	---	---	---
142-144 in.		---	---	---	---	---	---
142-148 in.		---	---	---	---	---	---
144-150 in.		---	---	---	---	---	---
144-168 in.		---	---	---	---	---	---
148-154 in.		---	---	---	---	---	---
150-156 in.		---	---	---	---	---	---
154-162 in.		---	---	---	---	---	---
156-160 in.		---	---	---	---	---	---
156-162 in.		---	---	---	---	---	---
160-162 in.		---	---	---	---	---	---
160-166 in.		---	---	---	---	---	---
162-168 in.		---	---	---	---	---	---
166-192 in.		---	---	---	---	---	---
168-174 in.		---	---	---	---	---	---
168-192 in.		---	---	---	---	---	---
174-180 in.		---	---	---	---	---	---
174-192 in.		---	---	---	---	---	---
180-184 in.		---	---	---	---	---	---
180-186 in.		---	---	---	---	---	---
180-192 in.		---	---	---	---	---	---
184-192 in.		---	---	---	---	---	---
186-189 in.		---	---	---	---	---	---
186-190 in.		---	---	---	---	---	---
186-192 in.		---	---	---	---	---	---
189-192 in.		---	---	---	---	---	---
190-192 in.		---	---	---	---	---	---
192-198 in.		---	---	---	---	---	---
192-216 in.		---	---	---	---	---	---
198-214 in.		---	---	---	---	---	---
214-220 in.		---	---	---	---	---	---
216-222 in.		---	---	---	---	---	---
216-240 in.		---	---	---	---	---	---
220-226 in.		---	---	---	---	---	---
222-228 in.		---	---	---	---	---	---
226-232 in.		---	---	---	---	---	---
228-234 in.		---	---	---	---	---	---
234-240 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-010B 07/09/99 AT c/min	SB-011 07/09/99 AT c/min	SB-012 07/09/99 AT c/min	SB-013 07/09/99 AT c/min	SB-014 07/09/99 AT c/min	SB-015 07/10/99 MD c/min
0-3 in.		---	---	---	---	---	NL
0-6 in.		2196	2282	2105	2190	2209	---
3-6 in.		---	---	---	---	---	2594
6-9 in.		---	---	---	---	---	---
6-12 in.		2256	2202	2166	2257	2143	2933
9-11 in.		---	---	---	---	---	---
9-12 in.		---	---	---	---	---	---
9-13 in.		---	---	---	---	---	---
12-14 in.		---	---	---	---	---	---
12-15 in.		---	---	---	---	---	---
12-18 in.		2284	2300	2245	2247	2202	3015
12-48 in.		---	---	---	---	---	---
15-18 in.		---	---	---	---	---	---
15-21 in.		---	---	---	---	---	---
18-21 in.		---	---	2270	---	---	---
18-24 in.		2820	2503	---	2208	2193	3155
18-48 in.		---	---	---	---	---	---
21-24 in.		---	---	---	---	---	---
21-27 in.		---	---	---	---	---	---
21-48 in.		---	---	NL	---	---	---
24-28 in.		---	---	---	---	---	---
24-30 in.		2363	2821	---	2293	2242	2801
24-48 in.		---	---	---	---	---	---
27-30 in.		---	---	---	---	---	---
28-48 in.		---	---	---	---	---	---
30-32 in.		---	---	---	---	2127	---
30-33 in.		---	---	---	---	---	---
30-34 in.		---	---	---	---	---	---
30-36 in.	2362 (2364)	---	2426	---	2184	---	2839
30-48 in.		---	---	---	---	---	---
32-48 in.		---	---	---	---	NL	---
33-37 in.		---	---	---	---	---	---
33-48 in.		---	---	---	---	---	---
34-36 in.		---	---	---	---	---	---
34-48 in.		---	---	---	---	---	---
36-38 in.		---	---	---	---	---	---
36-39 in.		---	---	---	2137	---	---
36-40 in.		---	---	---	---	---	---
36-41 in.		---	---	---	---	---	---
36-42 in.	2189	---	2120	---	---	---	NL
36-48 in.		---	---	---	---	---	---
37-48 in.		---	---	---	---	---	---
38-46 in.		---	---	---	---	---	---
38-48 in.		---	---	---	---	---	---
39-42 in.		---	---	---	---	---	---
39-48 in.		---	---	---	NL	---	---
40-48 in.		---	---	---	---	---	---
41-48 in.		---	---	---	---	---	---
42-44 in.		---	---	---	---	---	---
42-45 in.		---	---	---	---	---	---
42-46 in.	2143	---	2323	---	---	---	---
42-48 in.		---	---	---	---	---	NL
44-48 in.		---	---	---	---	---	---
44-50 in.		---	---	---	---	---	---
45-48 in.		---	---	---	---	---	---
46-48 in.	NL	---	NL	---	---	---	---
46-52 in.		---	---	---	---	---	---
48-52 in.		---	---	---	---	---	---
48-54 in.	2194	---	2337	2092	2244	2045	2699
48-60 in.		---	---	---	---	---	---
48-89 in.		---	---	---	---	---	---
50-56 in.		---	---	---	---	---	---
52-58 in.		---	---	---	---	---	---
54-60 in.	2204	---	2253	2135	2171	2170	3123
56-62 in.		---	---	---	---	---	---

NOTES: NL - not logged.

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 BK - Background, DPW - Department of Public Works.

Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-010B 07/09/99 AT c/min	SB-011 07/09/99 AT c/min	SB-012 07/09/99 AT c/min	SB-013 07/09/99 AT c/min	SB-014 07/09/99 AT c/min	SB-015 07/10/99 MD c/min
58-64 in.		---	---	---	---	---	---
60-64 in.		---	---	---	---	---	---
60-66 in.		2260	2357	2116	2099	2088	3230
60-96 in.		---	---	---	---	---	---
62-68 in.		---	---	---	---	---	---
64-70 in.		---	---	---	---	---	---
64-96 in.		---	---	---	---	---	---
66-69 in.		---	---	---	---	---	---
66-70 in.		---	---	---	---	---	---
66-72 in.		2260	2283	2153	2133	2072	3212
66-96 in.		---	---	---	---	---	---
68-74 in.		---	---	---	---	---	---
69-72 in.		---	---	---	---	---	---
70-76 in.		---	---	---	---	---	---
70-96 in.		---	---	---	---	---	---
72-74 in.		---	---	---	---	2208	---
72-76 in.		---	---	---	---	---	---
72-78 in.		2215	2244	2232	---	---	2950
72-80 in.		---	---	---	2142	---	---
72-84 in.		---	---	---	---	---	---
72-96 in.		---	---	---	---	---	---
74-80 in.		---	---	---	---	---	---
74-96 in.		---	---	---	---	---	---
76-82 in.		---	---	---	---	---	---
76-96 in.		---	---	---	---	---	---
78-81 in.		---	---	2154	---	---	---
78-82 in.		---	---	---	---	---	---
78-84 in.		2254	2327	---	---	---	2746
78-96 in.		---	---	---	---	---	---
80-86 in.		---	---	---	2234	---	---
81-96 in.		---	---	NL	---	---	---
82-88 in.		---	---	---	---	---	---
84-87 in.		---	---	---	---	---	---
84-88 in.		---	---	---	---	---	---
84-90 in.		2195	2372	---	---	---	NL
84-96 in.		---	---	---	---	---	---
86-88 in.		---	---	---	2216	---	---
86-92 in.		---	---	---	---	---	---
87-96 in.		---	---	---	---	---	---
88-92 in.		---	---	---	---	---	---
88-96 in.		---	---	---	---	---	---
89-96 in.		---	---	---	NL	---	---
90-92 in.		---	---	---	---	---	---
90-93 in.		---	---	---	---	---	---
90-94 in.		---	2266	---	---	---	---
90-96 in.		NL	---	---	---	---	NL
92-96 in.		---	---	---	---	---	---
92-98 in.		---	---	---	---	---	---
93-96 in.		---	---	---	---	---	---
94-96 in.		---	NL	---	---	NL	---
96-98 in.		---	---	---	---	---	---
96-102 in.		2207	---	2279	2214	2191	2810
96-144 in.		---	---	---	---	---	---
98-102 in.		---	---	---	---	---	---
98-104 in.		---	---	---	---	---	---
102-108 in.		2163	---	2208	2132	2129	2898
102-128 in.		---	---	---	---	---	---
104-110 in.		---	---	---	---	---	---
108-110 in.		---	---	---	---	---	---
108-112 in.		---	---	---	---	---	---
108-114 in.		2205	---	2175	2164	2108	2795
108-132 in.		---	---	---	---	---	---
108-144 in.		---	---	---	---	---	---
110-116 in.		---	---	---	---	---	---
114-116 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
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Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-010B 07/09/99 AT c/min	SB-011 07/09/99 AT c/min	SB-012 07/09/99 AT c/min	SB-013 07/09/99 AT c/min	SB-014 07/09/99 AT c/min	SB-015 07/10/99 MD c/min
114-117 in.		---	---	---	---	---	---
114-120 in.		2247	---	2207	2154	2138	2756
114-144 in.		---	---	---	---	---	---
116-122 in.		---	---	---	---	---	---
116-144 in.		---	---	---	---	---	---
120-123 in.		2262	---	---	---	---	---
120-126 in.		---	---	2213	2136	2169	NL
120-144 in.		---	---	---	---	---	---
122-128 in.		---	---	---	---	---	---
123-144 in.		NL	---	---	---	---	---
126-130 in.		---	---	---	---	---	---
126-132 in.		---	---	2168	2134	2215	NL
126-144 in.		---	---	---	---	---	---
128-132 in.		---	---	---	---	---	---
130-144 in.		---	---	---	---	---	---
132-134 in.		---	---	---	---	---	---
132-135 in.		---	---	---	2121	---	---
132-136 in.		---	---	---	---	---	---
132-138 in.		---	---	2059	---	2286	NL
132-144 in.		---	---	---	---	---	---
134-144 in.		---	---	---	---	---	---
135-144 in.		---	---	---	NL	---	---
136-142 in.		---	---	---	---	---	---
138-141 in.		---	---	2083	---	---	---
138-142 in.		---	---	---	---	---	---
138-144 in.		---	---	---	---	2289	NL
141-144 in.		---	---	NL	---	---	---
142-144 in.		---	---	---	---	---	---
142-148 in.		---	---	---	---	---	---
144-150 in.		---	---	2274	---	2265	2577
144-168 in.		---	---	---	---	---	---
148-154 in.		---	---	---	---	---	---
150-156 in.		---	---	2250	---	2257	2713
154-162 in.		---	---	---	---	---	---
156-160 in.		---	---	---	---	---	---
156-162 in.		---	---	2177	---	2091	2817
160-162 in.		---	---	---	---	---	---
160-166 in.		---	---	---	---	---	---
162-168 in.		---	---	2214	---	2184	2704
166-192 in.		---	---	---	---	---	---
168-174 in.		---	---	2135	---	2112	2690
168-192 in.		---	---	---	---	---	---
174-180 in.		---	---	2151	---	2109	2540
174-192 in.		---	---	---	---	---	---
180-184 in.		---	---	---	---	---	---
180-186 in.		---	---	---	---	---	NL
180-192 in.		---	---	---	---	---	---
184-192 in.		---	---	---	---	---	---
186-189 in.		---	---	---	---	---	---
186-190 in.		---	---	---	---	---	---
186-192 in.		---	---	---	---	---	NL
189-192 in.		---	---	---	---	---	---
190-192 in.		---	---	---	---	---	---
192-198 in.		---	---	---	---	---	---
192-216 in.		---	---	---	---	---	---
198-214 in.		---	---	---	---	---	---
214-220 in.		---	---	---	---	---	---
216-222 in.		---	---	---	---	---	---
216-240 in.		---	---	---	---	---	---
220-226 in.		---	---	---	---	---	---
222-228 in.		---	---	---	---	---	---
226-232 in.		---	---	---	---	---	---
228-234 in.		---	---	---	---	---	---
234-240 in.		---	---	---	---	---	---

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Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

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0-3 in.		---	---	---	---	---	---
0-6 in.		2470	2594	2459	2578	2481	2611
3-6 in.		---	---	---	---	---	---
6-9 in.		---	---	---	---	---	---
6-12 in.		2628	2525	2627	2534	2550	2688
9-11 in.		---	---	---	---	---	---
9-12 in.		---	---	---	---	---	---
9-13 in.		---	---	---	---	---	---
12-14 in.		---	---	---	---	---	---
12-15 in.		---	---	---	---	---	---
12-18 in.		2748	2733	2635	2732	2489	2667
12-48 in.		---	---	---	---	---	---
15-18 in.		---	---	---	---	---	---
15-21 in.		---	---	---	---	---	---
18-21 in.		---	---	---	---	---	---
18-24 in.		2947	2728	2769	2775	2511	2662
18-48 in.		---	---	---	---	---	---
21-24 in.		---	---	---	---	---	---
21-27 in.		---	---	---	---	---	---
21-48 in.		---	---	---	---	---	---
24-28 in.		---	---	---	---	---	---
24-30 in.		3021	2855	2904	2632	2514	2568
24-48 in.		---	---	---	---	---	---
27-30 in.		---	---	---	---	---	---
28-48 in.		---	---	---	---	---	---
30-32 in.		---	---	---	---	2516	---
30-33 in.		---	---	---	---	---	---
30-34 in.		---	---	---	---	---	---
30-36 in.		2831	2932	2723	2539	---	2638
30-48 in.		---	---	---	---	---	---
32-48 in.		---	---	---	---	NL	---
33-37 in.		---	---	---	---	---	---
33-48 in.		---	---	---	---	---	---
34-36 in.		---	---	---	---	---	---
34-48 in.		---	---	---	---	---	---
36-38 in.		---	---	---	---	---	---
36-39 in.		---	---	---	---	---	---
36-40 in.		---	---	---	2797	---	---
36-41 in.		---	---	---	---	---	---
36-42 in.		2724	2870	2962	---	---	2777
36-48 in.		---	---	---	---	---	---
37-48 in.		---	---	---	---	---	---
38-46 in.		---	---	---	---	---	---
38-48 in.		---	---	---	---	---	---
39-42 in.		---	---	---	---	---	---
39-48 in.		---	---	---	---	---	---
40-48 in.		---	---	---	NL	---	---
41-48 in.		---	---	---	---	---	---
42-44 in.		---	---	---	---	---	---
42-45 in.		---	---	---	---	---	---
42-46 in.		---	2855	---	---	---	2480
42-48 in.		NL	---	NL	---	---	---
44-48 in.		---	---	---	---	---	---
44-50 in.		---	---	---	---	---	---
45-48 in.		---	---	---	---	---	---
46-48 in.		---	NL	---	---	---	NL
46-52 in.		---	---	---	---	---	---
48-52 in.		---	---	---	---	---	---
48-54 in.		2688	2819	---	2562	2597	2543
48-60 in.		---	---	---	---	---	---
48-89 in.		---	---	NL	---	---	---
50-56 in.		---	---	---	---	---	---
52-58 in.		---	---	---	---	---	---
54-60 in.		2669	3498	---	2658	2453	2548
56-62 in.		---	---	---	---	---	---

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GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
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58-64 in.		---	---	---	---	---	---
60-64 in.		---	---	---	---	---	---
60-66 in.		2546	---	---	2808	2528	2526
60-96 in.		---	---	---	---	---	---
62-68 in.		---	---	---	---	---	---
64-70 in.		---	---	---	---	---	---
64-96 in.		---	---	---	---	---	---
66-69 in.		---	---	---	---	---	---
66-70 in.		---	---	---	---	---	---
66-72 in.		2553	---	---	2720	---	2630
66-96 in.		---	---	---	---	NL	---
68-74 in.		---	---	---	---	---	---
69-72 in.		---	---	---	---	---	---
70-76 in.		---	---	---	---	---	---
70-96 in.		---	---	---	---	---	---
72-74 in.		---	---	---	---	---	---
72-76 in.		---	---	---	---	---	---
72-78 in.		2606	---	---	---	---	2654
72-80 in.		---	---	---	---	---	---
72-84 in.		---	---	---	---	---	---
72-96 in.		---	---	---	NL	---	---
74-80 in.		---	---	---	---	---	---
74-96 in.		---	---	---	---	---	---
76-82 in.		---	---	---	---	---	---
76-96 in.		---	---	---	---	---	---
78-81 in.		---	---	---	---	---	---
78-82 in.		---	---	---	---	---	---
78-84 in.		2589	---	---	---	---	2578
78-96 in.		---	---	---	---	---	---
80-86 in.		---	---	---	---	---	---
81-96 in.		---	---	---	---	---	---
82-88 in.		---	---	---	---	---	---
84-87 in.		---	---	---	---	---	---
84-88 in.		---	---	---	---	---	---
84-90 in.		2543	---	---	---	---	2669
84-96 in.		---	---	---	---	---	---
86-88 in.		---	---	---	---	---	---
86-92 in.		---	---	---	---	---	---
87-96 in.		---	---	---	---	---	---
88-92 in.		---	---	---	---	---	---
88-96 in.		---	---	---	---	---	---
89-96 in.		---	---	2905	---	---	---
90-92 in.		---	---	---	---	---	---
90-93 in.		---	---	---	---	---	---
90-94 in.		2530	---	---	---	---	---
90-96 in.		---	---	---	---	---	---
92-96 in.		---	---	---	---	---	---
92-98 in.		---	---	---	---	---	---
93-96 in.		---	---	---	---	---	---
94-96 in.		NL	---	---	---	---	---
96-98 in.		---	---	---	---	---	---
96-102 in.		2537	---	2711	---	2449	---
96-144 in.		---	---	---	---	---	---
98-102 in.		---	---	---	---	---	---
98-104 in.		---	---	---	---	---	---
102-108 in.		2621	---	2953	---	2405	---
102-128 in.		---	---	---	---	---	---
104-110 in.		---	---	---	---	---	---
108-110 in.		---	---	3317	---	---	---
108-112 in.		---	---	---	---	---	---
108-114 in.		2782	---	---	---	2505	---
108-132 in.		---	---	---	---	---	---
108-144 in.		---	---	---	---	---	---
110-116 in.		---	---	---	---	---	---
114-116 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.



Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-016 07/10/99 MD c/min	SB-017A 07/10/99 MD c/min	SB-017B 07/10/99 MD c/min	SB-018 07/10/99 GD c/min	SB-019 07/10/99 GD c/min	SB-020 07/11/99 GD c/min
114-117 in.		---	---	---	---	---	---
114-120 in.		2481	---	---	---	---	---
114-144 in.		---	---	---	---	NL	---
116-122 in.		---	---	---	---	---	---
116-144 in.		---	---	---	---	---	---
120-123 in.		---	---	---	---	---	---
120-126 in.		2528	---	---	---	---	---
120-144 in.		---	---	---	---	---	---
122-128 in.		---	---	---	---	---	---
123-144 in.		---	---	---	---	---	---
126-130 in.		---	---	---	---	---	---
126-132 in.		2523	---	---	---	---	---
126-144 in.		---	---	---	---	---	---
128-132 in.		---	---	---	---	---	---
130-144 in.		---	---	---	---	---	---
132-134 in.		---	---	---	---	---	---
132-135 in.		---	---	---	---	---	---
132-136 in.		---	---	---	---	---	---
132-138 in.		NL	---	---	---	---	---
132-144 in.		---	---	---	---	---	---
134-144 in.		---	---	---	---	---	---
135-144 in.		---	---	---	---	---	---
136-142 in.		---	---	---	---	---	---
138-141 in.		---	---	---	---	---	---
138-142 in.		---	---	---	---	---	---
138-144 in.		NL	---	---	---	---	---
141-144 in.		---	---	---	---	---	---
142-144 in.		---	---	---	---	---	---
142-148 in.		---	---	---	---	---	---
144-150 in.		2628	---	---	---	2548	---
144-168 in.		---	---	---	---	---	---
148-154 in.		---	---	---	---	---	---
150-156 in.		2542	---	---	---	2467	---
154-162 in.		---	---	---	---	---	---
156-160 in.		---	---	---	---	---	---
156-162 in.		2562	---	---	---	---	---
160-162 in.		---	---	---	---	---	---
160-166 in.		---	---	---	---	---	---
162-168 in.		2505	---	---	---	---	---
166-192 in.		---	---	---	---	---	---
168-174 in.		2549	---	---	---	---	---
168-192 in.		---	---	---	---	---	---
174-180 in.		2441	---	---	---	---	---
174-192 in.		---	---	---	---	---	---
180-184 in.		---	---	---	---	---	---
180-186 in.		2586	---	---	---	---	---
180-192 in.		---	---	---	---	---	---
184-192 in.		---	---	---	---	---	---
186-189 in.		---	---	---	---	---	---
186-190 in.		2632	---	---	---	---	---
186-192 in.		---	---	---	---	---	---
189-192 in.		---	---	---	---	---	---
190-192 in.		NL	---	---	---	---	---
192-198 in.		---	---	---	---	---	---
192-216 in.		---	---	---	---	---	---
198-214 in.		---	---	---	---	---	---
214-220 in.		---	---	---	---	---	---
216-222 in.		---	---	---	---	---	---
216-240 in.		---	---	---	---	---	---
220-226 in.		---	---	---	---	---	---
222-228 in.		---	---	---	---	---	---
226-232 in.		---	---	---	---	---	---
228-234 in.		---	---	---	---	---	---
234-240 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
BK - Background, DPW - Department of Public Works.

Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-021 07/11/99 GD c/min	SB-022 07/11/99 GD c/min	SB-023A 07/11/99 GD c/min	SB-023B 07/11/99 GD c/min	SB-024 07/11/99 GD Area 3C c/min	SB-025 07/11/99 GD Area 3A c/min
0-3 in.		---	---	---	---	---	---
0-6 in.		2576	2631	2509	2543	2568	3110
3-6 in.		---	---	---	---	---	---
6-9 in.		---	---	---	---	---	---
6-12 in.		2491	2511	2674	2569	2500	3052
9-11 in.		---	---	---	---	---	---
9-12 in.		---	---	---	---	---	---
9-13 in.		---	---	---	---	---	---
12-14 in.		---	---	---	---	---	---
12-15 in.		---	---	---	---	---	---
12-18 in.		2540	---	2702	2547	2592	2747
12-48 in.		---	NL	---	---	---	---
15-18 in.		---	---	---	---	---	---
15-21 in.		---	---	---	---	---	---
18-21 in.		---	---	---	2554	---	---
18-24 in.		2535	---	2828	---	2591	2706
18-48 in.		---	---	---	---	---	---
21-24 in.		---	---	---	NL	---	---
21-27 in.		---	---	---	---	---	---
21-48 in.		---	---	---	---	---	---
24-28 in.		---	---	---	---	---	---
24-30 in.		25902	---	2967	---	2723	2612
24-48 in.		---	---	---	NL	---	---
27-30 in.		---	---	---	---	---	---
28-48 in.		---	---	---	---	---	---
30-32 in.		---	---	---	---	---	---
30-33 in.		---	---	---	---	---	---
30-34 in.		---	---	---	---	---	---
30-36 in.		2442	---	2588	---	2809	NL
30-48 in.		---	---	---	---	---	---
32-48 in.		---	---	---	---	---	---
33-37 in.		---	---	---	---	---	---
33-48 in.		---	---	---	---	---	---
34-36 in.		---	---	---	---	---	---
34-48 in.		---	---	---	---	---	---
36-38 in.		---	---	---	---	---	---
36-39 in.		---	---	2478	---	---	---
36-40 in.		---	---	---	---	---	---
36-41 in.		---	---	---	---	---	---
36-42 in.		---	---	---	---	---	---
36-48 in.		NL	---	---	---	NL	NL
37-48 in.		---	---	---	---	---	---
38-46 in.		---	---	---	---	---	---
38-48 in.		---	---	---	---	---	---
39-42 in.		---	---	NL	---	---	---
39-48 in.		---	---	---	---	---	---
40-48 in.		---	---	---	---	---	---
41-48 in.		---	---	---	---	---	---
42-44 in.		---	---	---	---	---	---
42-45 in.		---	---	---	---	---	---
42-46 in.		---	---	---	---	---	---
42-48 in.		---	---	NL	---	NL	NL
44-48 in.		---	---	---	---	---	---
44-50 in.		---	---	---	---	---	---
45-48 in.		---	---	---	---	---	---
46-48 in.		---	---	---	---	---	---
46-52 in.		---	---	---	---	---	---
48-52 in.		---	---	---	---	---	---
48-54 in.		2642	2586	2691	2575	3192	---
48-60 in.		---	---	---	---	---	---
48-89 in.		---	---	---	---	---	---
50-56 in.		---	---	---	---	---	---
52-58 in.		---	---	---	---	---	---
54-60 in.		2467	2556	2669	2640	4170	---
56-62 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.



Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-021 07/11/99 GD c/min	SB-022 07/11/99 GD c/min	SB-023A 07/11/99 GD c/min	SB-023B 07/11/99 GD c/min	SB-024 07/11/99 GD Area 3C c/min	SB-025 07/11/99 GD Area 3A c/min
58-64 in.		---	---	---	---	---	---
60-64 in.		---	---	---	---	---	---
60-66 in.		2637	2556	---	2521	8254	---
60-96 in.		---	---	NL	---	---	---
62-68 in.		---	---	---	---	---	---
64-70 in.		---	---	---	---	---	---
64-96 in.		---	---	---	---	---	---
66-69 in.		---	---	---	2630	---	---
66-70 in.		---	---	---	---	---	---
66-72 in.		2508	---	---	---	50934	---
66-96 in.		---	NL	---	---	---	---
68-74 in.		---	---	---	---	---	---
69-72 in.		---	---	---	NL	---	---
70-76 in.		---	---	---	---	---	---
70-96 in.		---	---	---	---	---	---
72-74 in.		---	---	---	---	---	---
72-76 in.		---	---	---	---	---	---
72-78 in.	2562 (2631)	---	---	---	---	35861	---
72-80 in.		---	---	---	---	---	---
72-84 in.		---	---	---	---	---	---
72-96 in.		---	---	---	NL	---	---
74-80 in.		---	---	---	---	---	---
74-96 in.		---	---	---	---	---	---
76-82 in.		---	---	---	---	---	---
76-96 in.		---	---	---	---	---	---
78-81 in.		---	---	---	---	---	---
78-82 in.		---	---	---	---	---	---
78-84 in.	2614 (2485)	---	---	---	---	23085	---
78-96 in.		---	---	---	---	---	---
80-86 in.		---	---	---	---	---	---
81-96 in.		---	---	---	---	---	---
82-88 in.		---	---	---	---	---	---
84-87 in.	2585 (2510)	---	---	---	---	---	---
84-88 in.		---	---	---	---	---	---
84-90 in.		---	---	---	---	10050	---
84-96 in.		---	---	---	---	---	---
86-88 in.		---	---	---	---	---	---
86-92 in.		---	---	---	---	---	---
87-96 in.	NL	---	---	---	---	---	---
88-92 in.		---	---	---	---	---	---
88-96 in.		---	---	---	---	---	---
89-96 in.		---	---	---	---	---	---
90-92 in.		---	---	---	---	---	---
90-93 in.		---	---	---	---	---	---
90-94 in.		---	---	---	---	7470	---
90-96 in.		---	---	---	---	---	---
92-96 in.		---	---	---	---	---	---
92-98 in.		---	---	---	---	---	---
93-96 in.		---	---	---	---	---	---
94-96 in.		---	---	---	---	NL	---
96-98 in.		---	---	---	---	---	---
96-102 in.		---	---	---	2634	8622	---
96-144 in.		---	---	---	---	---	---
98-102 in.		---	---	---	---	---	---
98-104 in.		---	---	---	---	---	---
102-108 in.		---	---	---	2946	4782	---
102-128 in.		---	---	---	---	---	---
104-110 in.		---	---	---	---	---	---
108-110 in.		---	---	---	---	---	---
108-112 in.		---	---	---	---	---	---
108-114 in.		---	---	---	7978	3450	---
108-132 in.		---	---	---	---	---	---
108-144 in.		---	---	---	---	---	---
110-116 in.		---	---	---	---	---	---
114-116 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
BK - Background, DPW - Department of Public Works.



Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-021 07/11/99 GD c/min	SB-022 07/11/99 GD c/min	SB-023A 07/11/99 GD c/min	SB-023B 07/11/99 GD c/min	SB-024 07/11/99 GD Area 3C c/min	SB-025 07/11/99 GD Area 3A c/min
114-117 in.		---	---	---	---	---	---
114-120 in.		---	---	---	4930	3216	---
114-144 in.		---	---	---	---	---	---
116-122 in.		---	---	---	---	---	---
116-144 in.		---	---	---	---	---	---
120-123 in.		---	---	---	---	---	---
120-126 in.		---	---	---	---	3013	---
120-144 in.		---	---	---	NL	---	---
122-128 in.		---	---	---	---	---	---
123-144 in.		---	---	---	---	---	---
126-130 in.		---	---	---	---	---	---
126-132 in.		---	---	---	---	2710	---
126-144 in.		---	---	---	---	---	---
128-132 in.		---	---	---	---	---	---
130-144 in.		---	---	---	---	---	---
132-134 in.		---	---	---	---	---	---
132-135 in.		---	---	---	---	---	---
132-136 in.		---	---	---	---	---	---
132-138 in.		---	---	---	---	---	---
132-144 in.		---	---	---	---	---	---
134-144 in.		---	---	---	---	---	---
135-144 in.		---	---	---	---	---	---
136-142 in.		---	---	---	---	---	---
138-141 in.		---	---	---	---	---	---
138-142 in.		---	---	---	---	---	---
138-144 in.		---	---	---	---	---	---
141-144 in.		---	---	---	---	---	---
142-144 in.		---	---	---	---	---	---
142-148 in.		---	---	---	---	---	---
144-150 in.		---	---	---	3590	---	---
144-168 in.		---	---	---	---	---	---
148-154 in.		---	---	---	---	---	---
150-156 in.		---	---	---	2962	---	---
154-162 in.		---	---	---	---	---	---
156-160 in.		---	---	---	---	---	---
156-162 in.		---	---	---	2858	---	---
160-162 in.		---	---	---	---	---	---
160-166 in.		---	---	---	---	---	---
162-168 in.		---	---	---	2629	---	---
166-192 in.		---	---	---	---	---	---
168-174 in.		---	---	---	---	---	---
168-192 in.		---	---	---	NL	---	---
174-180 in.		---	---	---	---	---	---
174-192 in.		---	---	---	---	---	---
180-184 in.		---	---	---	---	---	---
180-186 in.		---	---	---	---	---	---
180-192 in.		---	---	---	---	---	---
184-192 in.		---	---	---	---	---	---
186-189 in.		---	---	---	---	---	---
186-190 in.		---	---	---	---	---	---
186-192 in.		---	---	---	---	---	---
189-192 in.		---	---	---	---	---	---
190-192 in.		---	---	---	---	---	---
192-198 in.		---	---	---	---	---	---
192-216 in.		---	---	---	---	---	---
198-214 in.		---	---	---	---	---	---
214-220 in.		---	---	---	---	---	---
216-222 in.		---	---	---	---	---	---
216-240 in.		---	---	---	---	---	---
220-226 in.		---	---	---	---	---	---
222-228 in.		---	---	---	---	---	---
226-232 in.		---	---	---	---	---	---
228-234 in.		---	---	---	---	---	---
234-240 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
BK - Background, DPW - Department of Public Works.

Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-026 07/11/99 GD Area 3A c/min	SB-027 07/12/99 GC Area 3A c/min	SB-028 07/12/99 GC Area 3A c/min	SB-029 07/12/99 GC Area 3A c/min	SB-030A 07/12/99 GC Area 2 c/min	SB-030B 07/12/99 GC Area 2 c/min
0-3 in.		---	---	---	---	---	---
0-6 in.		2229	2641	2577	2595	2643	2706
3-6 in.		---	---	---	---	---	---
6-9 in.		---	---	---	---	---	---
6-12 in.		3662	2471	2610	2599	2624	2628
9-11 in.		---	---	---	---	---	---
9-12 in.		---	---	---	---	---	---
9-13 in.		---	---	---	---	---	---
12-14 in.		---	---	---	---	---	---
12-15 in.		---	---	---	---	---	---
12-18 in.		4872	2529	2605	2683	2650	2739
12-48 in.		---	---	---	---	---	---
15-18 in.		---	---	---	---	---	---
15-21 in.		---	---	---	---	---	---
18-21 in.		---	---	---	---	---	---
18-24 in.		3058	2439	2725	2705	2615	2780
18-48 in.		---	---	---	---	---	---
21-24 in.		---	---	---	---	---	---
21-27 in.		---	---	---	---	---	---
21-48 in.		---	---	---	---	---	---
24-28 in.		---	---	---	---	2564	---
24-30 in.		3102	2345	2577	2682	---	2574
24-48 in.		---	---	---	---	---	---
27-30 in.		---	---	---	---	---	---
28-48 in.		---	---	---	---	NL	---
30-32 in.		---	---	---	---	---	---
30-33 in.		---	---	---	---	---	2583
30-34 in.		---	---	---	---	---	---
30-36 in.		2936	2434	2589	2555	---	---
30-48 in.		---	---	---	---	---	---
32-48 in.		---	---	---	---	---	---
33-37 in.		---	---	---	---	---	---
33-48 in.		---	---	---	---	---	NL
34-36 in.		---	---	---	---	---	---
34-48 in.		---	---	---	---	---	---
36-38 in.		---	---	---	---	---	---
36-39 in.		---	---	---	---	---	---
36-40 in.		2653	2480	---	2487	---	---
36-41 in.		---	---	---	---	---	---
36-42 in.		---	---	2560	---	---	---
36-48 in.		---	---	---	---	---	---
37-48 in.		---	---	---	---	---	---
38-46 in.		---	---	---	---	---	---
38-48 in.		---	---	---	---	---	---
39-42 in.		---	---	---	---	---	---
39-48 in.		---	---	---	---	---	---
40-48 in.		NL	NL	---	NL	---	---
41-48 in.		---	---	---	---	---	---
42-44 in.		---	---	2539	---	---	---
42-45 in.		---	---	---	---	---	---
42-46 in.		---	---	---	---	---	---
42-48 in.		---	---	---	---	---	---
44-48 in.		---	---	NL	---	---	---
44-50 in.		---	---	---	---	---	---
45-48 in.		---	---	---	---	---	---
46-48 in.		---	---	---	---	---	---
46-52 in.		---	---	---	---	---	---
48-52 in.		---	---	---	---	---	---
48-54 in.		---	---	---	---	---	---
48-60 in.		---	---	---	---	---	---
48-89 in.		---	---	---	---	---	---
50-56 in.		---	---	---	---	---	---
52-58 in.		---	---	---	---	---	---
54-60 in.		---	---	---	---	---	---
56-62 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-026 07/11/99 GD Area 3A c/min	SB-027 07/12/99 GC Area 3A c/min	SB-028 07/12/99 GC Area 3A c/min	SB-029 07/12/99 GC Area 3A c/min	SB-030A 07/12/99 GC Area 2 c/min	SB-030B 07/12/99 GC Area 2 c/min
58-64 in.		---	---	---	---	---	---
60-64 in.		---	---	---	---	---	---
60-66 in.		---	---	---	---	---	---
60-96 in.		---	---	---	---	---	---
62-68 in.		---	---	---	---	---	---
64-70 in.		---	---	---	---	---	---
64-96 in.		---	---	---	---	---	---
66-69 in.		---	---	---	---	---	---
66-70 in.		---	---	---	---	---	---
66-72 in.		---	---	---	---	---	---
66-96 in.		---	---	---	---	---	---
68-74 in.		---	---	---	---	---	---
69-72 in.		---	---	---	---	---	---
70-76 in.		---	---	---	---	---	---
70-96 in.		---	---	---	---	---	---
72-74 in.		---	---	---	---	---	---
72-76 in.		---	---	---	---	---	---
72-78 in.		---	---	---	---	---	---
72-80 in.		---	---	---	---	---	---
72-84 in.		---	---	---	---	---	---
72-96 in.		---	---	---	---	---	---
74-80 in.		---	---	---	---	---	---
74-96 in.		---	---	---	---	---	---
76-82 in.		---	---	---	---	---	---
76-96 in.		---	---	---	---	---	---
78-81 in.		---	---	---	---	---	---
78-82 in.		---	---	---	---	---	---
78-84 in.		---	---	---	---	---	---
78-96 in.		---	---	---	---	---	---
80-86 in.		---	---	---	---	---	---
81-96 in.		---	---	---	---	---	---
82-88 in.		---	---	---	---	---	---
84-87 in.		---	---	---	---	---	---
84-88 in.		---	---	---	---	---	---
84-90 in.		---	---	---	---	---	---
84-96 in.		---	---	---	---	---	---
86-88 in.		---	---	---	---	---	---
86-92 in.		---	---	---	---	---	---
87-96 in.		---	---	---	---	---	---
88-92 in.		---	---	---	---	---	---
88-96 in.		---	---	---	---	---	---
89-96 in.		---	---	---	---	---	---
90-92 in.		---	---	---	---	---	---
90-93 in.		---	---	---	---	---	---
90-94 in.		---	---	---	---	---	---
90-96 in.		---	---	---	---	---	---
92-96 in.		---	---	---	---	---	---
92-98 in.		---	---	---	---	---	---
93-96 in.		---	---	---	---	---	---
94-96 in.		---	---	---	---	---	---
96-98 in.		---	---	---	---	---	---
96-102 in.		---	---	---	---	---	---
96-144 in.		---	---	---	---	---	---
98-102 in.		---	---	---	---	---	---
98-104 in.		---	---	---	---	---	---
102-108 in.		---	---	---	---	---	---
102-128 in.		---	---	---	---	---	---
104-110 in.		---	---	---	---	---	---
108-110 in.		---	---	---	---	---	---
108-112 in.		---	---	---	---	---	---
108-114 in.		---	---	---	---	---	---
108-132 in.		---	---	---	---	---	---
108-144 in.		---	---	---	---	---	---
110-116 in.		---	---	---	---	---	---
114-116 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4b
GTE Operations Support Incorporated
 Former Sylvania Electric Products Facility - Hicksville, NY
 Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-026 07/11/99 GD Area 3A c/min	SB-027 07/12/99 GC Area 3A c/min	SB-028 07/12/99 GC Area 3A c/min	SB-029 07/12/99 GC Area 3A c/min	SB-030A 07/12/99 GC Area 2 c/min	SB-030B 07/12/99 GC Area 2 c/min
114-117 in.		---	---	---	---	---	---
114-120 in.		---	---	---	---	---	---
114-144 in.		---	---	---	---	---	---
116-122 in.		---	---	---	---	---	---
116-144 in.		---	---	---	---	---	---
120-123 in.		---	---	---	---	---	---
120-126 in.		---	---	---	---	---	---
120-144 in.		---	---	---	---	---	---
122-128 in.		---	---	---	---	---	---
123-144 in.		---	---	---	---	---	---
126-130 in.		---	---	---	---	---	---
126-132 in.		---	---	---	---	---	---
126-144 in.		---	---	---	---	---	---
128-132 in.		---	---	---	---	---	---
130-144 in.		---	---	---	---	---	---
132-134 in.		---	---	---	---	---	---
132-135 in.		---	---	---	---	---	---
132-136 in.		---	---	---	---	---	---
132-138 in.		---	---	---	---	---	---
132-144 in.		---	---	---	---	---	---
134-144 in.		---	---	---	---	---	---
135-144 in.		---	---	---	---	---	---
136-142 in.		---	---	---	---	---	---
138-141 in.		---	---	---	---	---	---
138-142 in.		---	---	---	---	---	---
138-144 in.		---	---	---	---	---	---
141-144 in.		---	---	---	---	---	---
142-144 in.		---	---	---	---	---	---
142-148 in.		---	---	---	---	---	---
144-150 in.		---	---	---	---	---	---
144-168 in.		---	---	---	---	---	---
148-154 in.		---	---	---	---	---	---
150-156 in.		---	---	---	---	---	---
154-162 in.		---	---	---	---	---	---
156-160 in.		---	---	---	---	---	---
156-162 in.		---	---	---	---	---	---
160-162 in.		---	---	---	---	---	---
160-166 in.		---	---	---	---	---	---
162-168 in.		---	---	---	---	---	---
166-192 in.		---	---	---	---	---	---
168-174 in.		---	---	---	---	---	---
168-192 in.		---	---	---	---	---	---
174-180 in.		---	---	---	---	---	---
174-192 in.		---	---	---	---	---	---
180-184 in.		---	---	---	---	---	---
180-186 in.		---	---	---	---	---	---
180-192 in.		---	---	---	---	---	---
184-192 in.		---	---	---	---	---	---
186-189 in.		---	---	---	---	---	---
186-190 in.		---	---	---	---	---	---
186-192 in.		---	---	---	---	---	---
189-192 in.		---	---	---	---	---	---
190-192 in.		---	---	---	---	---	---
192-198 in.		---	---	---	---	---	---
192-216 in.		---	---	---	---	---	---
198-214 in.		---	---	---	---	---	---
214-220 in.		---	---	---	---	---	---
216-222 in.		---	---	---	---	---	---
216-240 in.		---	---	---	---	---	---
220-226 in.		---	---	---	---	---	---
222-228 in.		---	---	---	---	---	---
226-232 in.		---	---	---	---	---	---
228-234 in.		---	---	---	---	---	---
234-240 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-031 07/12/99 GC Area 2 c/min	SB-032 07/12/99 GC Area 2 c/min	SB-033 07/12/99 GC Area 2 c/min	SB-034 07/12/99 GC Area 2 c/min	SB-035A 07/12/99 GD c/min	SB-035B 07/12/99 GD c/min
0-3 in.		---	---	---	---	---	---
0-6 in.		2596	2556	2692	2588	2542	2511
3-6 in.		---	---	---	---	---	---
6-9 in.		---	---	---	---	---	---
6-12 in.		2707	2766	2613	2684	2575	2677
9-11 in.		---	---	---	---	---	---
9-12 in.		---	---	---	---	---	---
9-13 in.		---	---	---	---	---	---
12-14 in.		---	---	---	---	---	---
12-15 in.		---	---	---	---	2543	---
12-18 in.		2640	2589	2584	2636	---	2639
12-48 in.		---	---	---	---	---	---
15-18 in.		---	---	---	---	NL	---
15-21 in.		---	---	---	---	---	---
18-21 in.		---	---	---	---	---	---
18-24 in.		2561	2728	2734	2647	NL	2733
18-48 in.		---	---	---	---	---	---
21-24 in.		---	---	---	---	---	---
21-27 in.		---	---	---	---	---	---
21-48 in.		---	---	---	---	---	---
24-28 in.		2705	---	---	---	---	---
24-30 in.		---	2685	2707	2641	NL	2631
24-48 in.		---	---	---	---	---	---
27-30 in.		---	---	---	---	---	---
28-48 in.		NL	---	---	---	---	---
30-32 in.		---	2708	---	---	---	---
30-33 in.		---	---	---	---	---	2719
30-34 in.		---	---	---	---	---	---
30-36 in.		---	---	2633	---	NL	---
30-48 in.		---	---	---	NL	---	---
32-48 in.		---	NL	---	---	---	---
33-37 in.		---	---	---	---	---	2591
33-48 in.		---	---	---	---	---	---
34-36 in.		---	---	---	---	---	---
34-48 in.		---	---	---	---	---	---
36-38 in.		---	---	---	---	---	---
36-39 in.		---	---	---	---	---	---
36-40 in.		---	---	---	---	---	---
36-41 in.		---	---	---	---	---	---
36-42 in.		---	---	---	---	NL	---
36-48 in.		---	---	NL	---	---	---
37-48 in.		---	---	---	---	---	NL
38-46 in.		---	---	---	---	---	---
38-48 in.		---	---	---	---	---	---
39-42 in.		---	---	---	---	---	---
39-48 in.		---	---	---	---	---	---
40-48 in.		---	---	---	---	---	---
41-48 in.		---	---	---	---	---	---
42-44 in.		---	---	---	---	---	---
42-45 in.		---	---	---	---	---	---
42-46 in.		---	---	---	---	---	---
42-48 in.		---	---	---	---	NL	---
44-48 in.		---	---	---	---	---	---
44-50 in.		---	---	---	---	---	---
45-48 in.		---	---	---	---	---	---
46-48 in.		---	---	---	---	---	---
46-52 in.		---	---	---	---	---	---
48-52 in.		---	---	---	---	---	---
48-54 in.		---	---	---	---	2704	2676
48-60 in.		---	---	---	---	---	---
48-89 in.		---	---	---	---	---	---
50-56 in.		---	---	---	---	---	---
52-58 in.		---	---	---	---	---	---
54-60 in.		---	---	---	---	2684	2689
56-62 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-031 07/12/99 GC Area 2 c/min	SB-032 07/12/99 GC Area 2 c/min	SB-033 07/12/99 GC Area 2 c/min	SB-034 07/12/99 GC Area 2 c/min	SB-035A 07/12/99 GD c/min	SB-035B 07/12/99 GD c/min
58-64 in.		---	---	---	---	---	---
60-64 in.		---	---	---	---	---	---
60-66 in.		---	---	---	---	NL	2598
60-96 in.		---	---	---	---	---	---
62-68 in.		---	---	---	---	---	---
64-70 in.		---	---	---	---	---	---
64-96 in.		---	---	---	---	---	---
66-69 in.		---	---	---	---	---	---
66-70 in.		---	---	---	---	---	---
66-72 in.		---	---	---	---	NL	2580
66-96 in.		---	---	---	---	---	---
68-74 in.		---	---	---	---	---	---
69-72 in.		---	---	---	---	---	---
70-76 in.		---	---	---	---	---	---
70-96 in.		---	---	---	---	---	---
72-74 in.		---	---	---	---	---	---
72-76 in.		---	---	---	---	---	---
72-78 in.		---	---	---	---	NL	2593
72-80 in.		---	---	---	---	---	---
72-84 in.		---	---	---	---	---	---
72-96 in.		---	---	---	---	---	---
74-80 in.		---	---	---	---	---	---
74-96 in.		---	---	---	---	---	---
76-82 in.		---	---	---	---	---	---
76-96 in.		---	---	---	---	---	---
78-81 in.		---	---	---	---	---	---
78-82 in.		---	---	---	---	---	---
78-84 in.		---	---	---	---	NL	2562
78-96 in.		---	---	---	---	---	---
80-86 in.		---	---	---	---	---	---
81-96 in.		---	---	---	---	---	---
82-88 in.		---	---	---	---	---	---
84-87 in.		---	---	---	---	---	---
84-88 in.		---	---	---	---	---	---
84-90 in.		---	---	---	---	NL	---
84-96 in.		---	---	---	---	---	NL
86-88 in.		---	---	---	---	---	---
86-92 in.		---	---	---	---	---	---
87-96 in.		---	---	---	---	---	---
88-92 in.		---	---	---	---	---	---
88-96 in.		---	---	---	---	---	---
89-96 in.		---	---	---	---	---	---
90-92 in.		---	---	---	---	---	---
90-93 in.		---	---	---	---	---	---
90-94 in.		---	---	---	---	---	---
90-96 in.		---	---	---	---	NL	---
92-96 in.		---	---	---	---	---	---
92-98 in.		---	---	---	---	---	---
93-96 in.		---	---	---	---	---	---
94-96 in.		---	---	---	---	---	---
96-98 in.		---	---	---	---	---	---
96-102 in.		---	---	---	---	2516	2617
96-144 in.		---	---	---	---	---	---
98-102 in.		---	---	---	---	---	---
98-104 in.		---	---	---	---	---	---
102-108 in.		---	---	---	---	2663	2676
102-128 in.		---	---	---	---	---	---
104-110 in.		---	---	---	---	---	---
108-110 in.		---	---	---	---	---	---
108-112 in.		---	---	---	---	---	---
108-114 in.		---	---	---	---	2576	2684
108-132 in.		---	---	---	---	---	---
108-144 in.		---	---	---	---	---	---
110-116 in.		---	---	---	---	---	---
114-116 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-031 07/12/99 GC Area 2 c/min	SB-032 07/12/99 GC Area 2 c/min	SB-033 07/12/99 GC Area 2 c/min	SB-034 07/12/99 GC Area 2 c/min	SB-035A 07/12/99 GD c/min	SB-035B 07/12/99 GD c/min
114-117 in.		---	---	---	---	---	---
114-120 in.		---	---	---	---	2547	2627
114-144 in.		---	---	---	---	---	---
116-122 in.		---	---	---	---	---	---
116-144 in.		---	---	---	---	---	---
120-123 in.		---	---	---	---	---	---
120-126 in.		---	---	---	---	2500	2546
120-144 in.		---	---	---	---	---	---
122-128 in.		---	---	---	---	---	---
123-144 in.		---	---	---	---	---	---
126-130 in.		---	---	---	---	---	---
126-132 in.		---	---	---	---	2540	---
126-144 in.		---	---	---	---	---	NL
128-132 in.		---	---	---	---	---	---
130-144 in.		---	---	---	---	---	---
132-134 in.		---	---	---	---	---	---
132-135 in.		---	---	---	---	---	---
132-136 in.		---	---	---	---	---	---
132-138 in.		---	---	---	---	2561	---
132-144 in.		---	---	---	---	---	---
134-144 in.		---	---	---	---	---	---
135-144 in.		---	---	---	---	---	---
136-142 in.		---	---	---	---	---	---
138-141 in.		---	---	---	---	---	---
138-142 in.		---	---	---	---	---	---
138-144 in.		---	---	---	---	2615	---
141-144 in.		---	---	---	---	---	---
142-144 in.		---	---	---	---	---	---
142-148 in.		---	---	---	---	---	---
144-150 in.		---	---	---	---	---	3605
144-168 in.		---	---	---	---	---	---
148-154 in.		---	---	---	---	---	---
150-156 in.		---	---	---	---	---	2574
154-162 in.		---	---	---	---	---	---
156-160 in.		---	---	---	---	---	---
156-162 in.		---	---	---	---	---	2599
160-162 in.		---	---	---	---	---	---
160-166 in.		---	---	---	---	---	---
162-168 in.		---	---	---	---	---	---
166-192 in.		---	---	---	---	---	---
168-174 in.		---	---	---	---	---	---
168-192 in.		---	---	---	---	---	---
174-180 in.		---	---	---	---	---	---
174-192 in.		---	---	---	---	---	---
180-184 in.		---	---	---	---	---	---
180-186 in.		---	---	---	---	---	---
180-192 in.		---	---	---	---	---	---
184-192 in.		---	---	---	---	---	---
186-189 in.		---	---	---	---	---	---
186-190 in.		---	---	---	---	---	---
186-192 in.		---	---	---	---	---	---
189-192 in.		---	---	---	---	---	---
190-192 in.		---	---	---	---	---	---
192-198 in.		---	---	---	---	---	---
192-216 in.		---	---	---	---	---	---
198-214 in.		---	---	---	---	---	---
214-220 in.		---	---	---	---	---	---
216-222 in.		---	---	---	---	---	---
216-240 in.		---	---	---	---	---	---
220-226 in.		---	---	---	---	---	---
222-228 in.		---	---	---	---	---	---
226-232 in.		---	---	---	---	---	---
228-234 in.		---	---	---	---	---	---
234-240 in.		---	---	---	---	---	---

NOTES: NL - not logged.

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 BK - Background, DPW - Department of Public Works.



Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-036 07/12/99 GD Area 3A c/min	SB-037 07/13/99 GD c/min	SB-038 07/13/99 GD Area 3A c/min	SB-039 07/13/99 GD c/min	SB-040 07/13/99 GD c/min	SB-041 07/13/99 GD c/min
0-3 in.		---	---	---	---	---	---
0-6 in.		3079	2774	2923	2666	2679	2886
3-6 in.		---	---	---	---	---	---
6-9 in.		---	---	---	---	---	---
6-12 in.		3542	3119	3334	2664	2882	4383
9-11 in.		---	---	---	---	---	---
9-12 in.		---	---	---	---	---	---
9-13 in.		---	---	---	---	---	---
12-14 in.		---	---	---	---	---	---
12-15 in.		---	---	---	---	---	---
12-18 in.		2886	3103	2954	2743	2944	4319
12-48 in.		---	---	---	---	---	---
15-18 in.		---	---	---	---	---	---
15-21 in.		---	---	---	---	---	---
18-21 in.		---	---	---	---	---	---
18-24 in.		2947	2832	---	2729	3022	3242
18-48 in.		---	---	NL	---	---	---
21-24 in.		---	---	---	---	---	---
21-27 in.		---	---	---	---	---	---
21-48 in.		---	---	---	---	---	---
24-28 in.		---	---	---	---	---	---
24-30 in.		2909	---	---	2788	2811	2921
24-48 in.		---	NL	---	---	---	---
27-30 in.		---	---	---	---	---	---
28-48 in.		---	---	---	---	---	---
30-32 in.		---	---	---	---	---	---
30-33 in.		---	---	---	---	---	---
30-34 in.		---	---	---	---	2674	---
30-36 in.		2901	---	---	2580	---	2706
30-48 in.		---	---	---	---	---	---
32-48 in.		---	---	---	---	---	---
33-37 in.		---	---	---	---	---	---
33-48 in.		---	---	---	---	---	---
34-36 in.		---	---	---	---	---	---
34-48 in.		---	---	---	---	NL	---
36-38 in.		---	---	---	---	---	---
36-39 in.		---	---	---	---	---	---
36-40 in.		---	---	---	---	---	---
36-41 in.		---	---	---	---	---	---
36-42 in.		2812	---	---	---	---	2643
36-48 in.		---	---	---	NL	---	---
37-48 in.		---	---	---	---	---	---
38-46 in.		---	---	---	---	---	---
38-48 in.		---	---	---	---	---	---
39-42 in.		---	---	---	---	---	---
39-48 in.		---	---	---	---	---	---
40-48 in.		---	---	---	---	---	---
41-48 in.		---	---	---	---	---	---
42-44 in.		---	---	---	---	---	2611
42-45 in.		---	---	---	---	---	---
42-46 in.		---	---	---	---	---	---
42-48 in.		2651	---	---	---	---	---
44-48 in.		---	---	---	---	---	NL
44-50 in.		---	---	---	---	---	---
45-48 in.		---	---	---	---	---	---
46-48 in.		---	---	---	---	---	---
46-52 in.		---	---	---	---	---	---
48-52 in.		---	---	---	---	---	---
48-54 in.		2565	2708	2692	2770	2665	2768
48-60 in.		---	---	---	---	---	---
48-89 in.		---	---	---	---	---	---
50-56 in.		---	---	---	---	---	---
52-58 in.		---	---	---	---	---	---
54-60 in.		2523	2759	2670	2675	2690	2706
56-62 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
BK - Background, DPW - Department of Public Works.

Table 4b
GTE Operations Support Incorporated
 Former Sylvania Electric Products Facility - Hicksville, NY
 Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-036 07/12/99 GD Area 3A c/min	SB-037 07/13/99 GD c/min	SB-038 07/13/99 GD Area 3A c/min	SB-039 07/13/99 GD c/min	SB-040 07/13/99 GD c/min	SB-041 07/13/99 GD c/min
58-64 in.		---	---	---	---	---	---
60-64 in.		---	---	---	---	---	---
60-66 in.		2601	2720	---	2594	2640	2691
60-96 in.		---	---	---	---	---	---
62-68 in.		---	---	---	---	---	---
64-70 in.		---	---	---	---	---	---
64-96 in.		---	---	---	---	---	---
66-69 in.		---	---	---	---	---	---
66-70 in.		---	---	---	---	---	---
66-72 in.		2634	2625	---	2642	2615	2679
66-96 in.		---	---	---	---	---	---
68-74 in.		---	---	---	---	---	---
69-72 in.		---	---	---	---	---	---
70-76 in.		---	---	---	---	---	---
70-96 in.		---	---	---	---	---	---
72-74 in.		---	---	---	---	---	---
72-76 in.		---	---	---	---	---	---
72-78 in.		2649	2792	---	2716	---	2711
72-80 in.		---	---	---	---	---	---
72-84 in.		---	---	---	---	2588	---
72-96 in.		---	---	---	---	---	---
74-80 in.		---	---	---	---	---	---
74-96 in.		---	---	---	---	---	---
76-82 in.		---	---	---	---	---	---
76-96 in.		---	---	---	---	---	---
78-81 in.		---	---	---	---	---	---
78-82 in.		---	---	---	---	---	---
78-84 in.		2593	---	---	2616	---	2668
78-96 in.		---	NL	---	---	---	---
80-86 in.		---	---	---	---	---	---
81-96 in.		---	---	---	---	---	---
82-88 in.		---	---	---	---	---	---
84-87 in.		---	---	---	---	---	---
84-88 in.		---	---	---	---	---	---
84-90 in.		2549	---	---	2591	2701	2728
84-96 in.		---	---	---	---	---	---
86-88 in.		---	---	---	---	---	---
86-92 in.		---	---	---	---	---	---
87-96 in.		---	---	---	---	---	---
88-92 in.		---	---	---	---	---	---
88-96 in.		---	---	---	---	---	---
89-96 in.		---	---	---	---	---	---
90-92 in.		2639	---	---	---	---	---
90-93 in.		---	---	---	---	---	---
90-94 in.		---	---	---	2527	---	---
90-96 in.		---	---	---	---	NL	NL
92-96 in.		NL	---	---	---	---	---
92-98 in.		---	---	---	---	---	---
93-96 in.		---	---	---	---	---	---
94-96 in.		---	---	---	NL	---	---
96-98 in.		---	---	---	---	---	---
96-102 in.		---	2712	---	---	---	2697
96-144 in.		---	---	---	---	---	---
98-102 in.		---	---	---	---	---	---
98-104 in.		---	---	---	---	---	---
102-108 in.		---	2695	---	---	---	2702
102-128 in.		---	---	---	---	---	---
104-110 in.		---	---	---	---	---	---
108-110 in.		---	---	---	---	---	---
108-112 in.		---	---	---	---	---	---
108-114 in.		---	2727	---	---	---	2728
108-132 in.		---	---	---	---	---	---
108-144 in.		---	---	---	---	---	---
110-116 in.		---	---	---	---	---	---
114-116 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-036 07/12/99 GD Area 3A c/min	SB-037 07/13/99 GD c/min	SB-038 07/13/99 GD Area 3A c/min	SB-039 07/13/99 GD c/min	SB-040 07/13/99 GD c/min	SB-041 07/13/99 GD c/min
114-117 in.		---	---	---	---	---	---
114-120 in.			2722	---	---	---	2716
114-144 in.		---	---	---	---	---	---
116-122 in.		---	---	---	---	---	---
116-144 in.		---	---	---	---	---	---
120-123 in.		---	---	---	---	---	---
120-126 in.		---	2612	---	---	---	---
120-144 in.		---	---	---	---	---	---
122-128 in.		---	---	---	---	---	---
123-144 in.		---	---	---	---	---	---
126-130 in.		---	---	---	---	---	---
126-132 in.		---	2745	---	---	---	---
126-144 in.		---	---	---	---	---	---
128-132 in.		---	---	---	---	---	---
130-144 in.		---	---	---	---	---	---
132-134 in.		---	---	---	---	---	---
132-135 in.		---	---	---	---	---	---
132-136 in.		---	---	---	---	---	---
132-138 in.		---	2700	---	---	---	---
132-144 in.		---	---	---	---	---	---
134-144 in.		---	---	---	---	---	---
135-144 in.		---	---	---	---	---	---
136-142 in.		---	---	---	---	---	---
138-141 in.		---	---	---	---	---	---
138-142 in.		---	---	---	---	---	---
138-144 in.		---	NL	---	---	---	---
141-144 in.		---	---	---	---	---	---
142-144 in.		---	---	---	---	---	---
142-148 in.		---	---	---	---	---	---
144-150 in.		---	---	---	---	---	---
144-168 in.		---	2561	---	---	---	---
148-154 in.		---	---	---	---	---	---
150-156 in.		---	---	---	---	---	---
154-162 in.		---	---	---	---	---	---
156-160 in.		---	---	---	---	---	---
156-162 in.		---	---	---	---	---	---
160-162 in.		---	---	---	---	---	---
160-166 in.		---	---	---	---	---	---
162-168 in.		---	---	---	---	---	---
166-192 in.		---	---	---	---	---	---
168-174 in.		---	---	---	---	---	---
168-192 in.		---	2622	---	---	---	---
174-180 in.		---	---	---	---	---	---
174-192 in.		---	---	---	---	---	---
180-184 in.		---	---	---	---	---	---
180-186 in.		---	---	---	---	---	---
180-192 in.		---	---	---	---	---	---
184-192 in.		---	---	---	---	---	---
186-189 in.		---	---	---	---	---	---
186-190 in.		---	---	---	---	---	---
186-192 in.		---	---	---	---	---	---
189-192 in.		---	---	---	---	---	---
190-192 in.		---	---	---	---	---	---
192-198 in.		---	---	---	---	---	---
192-216 in.		---	---	---	---	---	---
198-214 in.		---	---	---	---	---	---
214-220 in.		---	---	---	---	---	---
216-222 in.		---	---	---	---	---	---
216-240 in.		---	---	---	---	---	---
220-226 in.		---	---	---	---	---	---
222-228 in.		---	---	---	---	---	---
226-232 in.		---	---	---	---	---	---
228-234 in.		---	---	---	---	---	---
234-240 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-042 07/13/99 GD c/min	SB-043 07/13/99 GD c/min	SB-044 07/13/99 GD c/min	SB-045 07/14/99 GD Area 3C c/min	SB-046 07/14/99 GD c/min	SB-047 07/14/99 GD Area 3C c/min
0-3 in.							
0-6 in.		2658	2738	2680	2668	2674	2742
3-6 in.							
6-9 in.							
6-12 in.		2878	2813	2800	2933 (2833)	2838	2799
9-11 in.							
9-12 in.							
9-13 in.							
12-14 in.							
12-15 in.							
12-18 in.		2924	2811	2835	2775	2729	2740
12-48 in.							
15-18 in.							
15-21 in.							
18-21 in.							
18-24 in.		2798	3016	2770	2634	288	2946
18-48 in.							
21-24 in.							
21-27 in.							
21-48 in.							
24-28 in.							
24-30 in.		2750	3241	2743	2791	2644	
24-48 in.							NL
27-30 in.							
28-48 in.							
30-32 in.							
30-33 in.							
30-34 in.						2620	
30-36 in.			2836	2625	2751		
30-48 in.		NL					
32-48 in.							
33-37 in.							
33-48 in.							
34-36 in.						2588	
34-48 in.							
36-38 in.							
36-39 in.							
36-40 in.				2676			
36-41 in.							
36-42 in.			2775				
36-48 in.					NL	NL	
37-48 in.							
38-46 in.							
38-48 in.							
39-42 in.							
39-48 in.							
40-48 in.				NL			
41-48 in.							
42-44 in.							
42-45 in.							
42-46 in.							
42-48 in.			NL				
44-48 in.							
44-50 in.							
45-48 in.							
46-48 in.							
46-52 in.							
48-52 in.							
48-54 in.		2747	2681	2759	3468	2640	3693
48-60 in.							
48-89 in.							
50-56 in.							
52-58 in.							
54-60 in.		2636	2692	2834	4296	2687	2889
56-62 in.							

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-042 07/13/99 GD c/min	SB-043 07/13/99 GD c/min	SB-044 07/13/99 GD c/min	SB-045 07/14/99 GD Area 3C c/min	SB-046 07/14/99 GD c/min	SB-047 07/14/99 GD Area 3C c/min
58-64 in.		---	---	---	---	---	---
60-64 in.		---	---	---	---	---	---
60-66 in.		2627	2768	2699	6976	2508	2936
60-96 in.		---	---	---	---	---	---
62-68 in.		---	---	---	---	---	---
64-70 in.		---	---	---	---	---	---
64-96 in.		---	---	---	---	---	---
66-69 in.		---	---	---	---	---	---
66-70 in.		---	---	---	---	---	---
66-72 in.		2730	2695	2711	28395	2688	3068
66-96 in.		---	---	---	---	---	---
68-74 in.		---	---	---	---	---	---
69-72 in.		---	---	---	---	---	---
70-76 in.		---	---	---	---	---	---
70-96 in.		---	---	---	---	---	---
72-74 in.		---	---	---	---	---	---
72-76 in.		---	---	---	---	---	---
72-78 in.		2625	2694	2750	94189	2712	3276
72-80 in.		---	---	---	---	---	---
72-84 in.		---	---	---	---	---	---
72-96 in.		---	---	---	---	---	---
74-80 in.		---	---	---	---	---	---
74-96 in.		---	---	---	---	---	---
76-82 in.		---	---	---	---	---	---
76-96 in.		---	---	---	---	---	---
78-81 in.		---	---	---	---	---	---
78-82 in.		---	2626	---	---	---	---
78-84 in.		2649	---	2722	19598	2998	4181
78-96 in.		---	---	---	---	---	---
80-86 in.		---	---	---	---	---	---
81-96 in.		---	---	---	---	---	---
82-88 in.		---	---	---	---	---	---
84-87 in.		---	---	---	---	---	---
84-88 in.		---	---	---	---	---	---
84-90 in.		2690	---	2860	8530	2785	3769
84-96 in.		---	---	---	---	---	---
86-88 in.		---	---	---	---	---	---
86-92 in.		---	---	---	---	---	---
87-96 in.		---	---	---	---	---	---
88-92 in.		---	---	---	---	---	---
88-96 in.		---	---	---	---	---	---
89-96 in.		---	---	---	---	---	---
90-92 in.		---	---	---	---	---	---
90-93 in.		---	---	---	---	---	---
90-94 in.		---	---	---	---	2756	---
90-96 in.		NL	---	NL	NL	---	NL
92-96 in.		---	---	---	---	---	---
92-98 in.		---	---	---	---	---	---
93-96 in.		---	---	---	---	---	---
94-96 in.		---	---	---	---	NL	---
96-98 in.		---	---	---	---	---	---
96-102 in.		2801	---	2646	16280	2637	3158
96-144 in.		---	---	---	---	---	---
98-102 in.		---	---	---	---	---	---
98-104 in.		---	---	---	---	---	---
102-108 in.		2694	---	2646 (2679)	7728	2820	2993
102-128 in.		---	---	---	---	---	---
104-110 in.		---	---	---	---	---	---
108-110 in.		---	---	---	---	---	---
108-112 in.		---	---	---	---	---	---
108-114 in.		2623	---	2716	4576	2750	3134
108-132 in.		---	---	---	---	---	---
108-144 in.		---	---	---	---	---	---
110-116 in.		---	---	---	---	---	---
114-116 in.		2618	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-042 07/13/99 GD c/min	SB-043 07/13/99 GD c/min	SB-044 07/13/99 GD c/min	SB-045 07/14/99 GD Area 3C c/min	SB-046 07/14/99 GD c/min	SB-047 07/14/99 GD Area 3C c/min
114-117 in.		---	---	---	---	---	---
114-120 in.		---	---	2684	3415	2660	2901
114-144 in.		---	---	---	---	---	---
116-122 in.		---	---	---	---	---	---
116-144 in.		NL	---	---	---	---	---
120-123 in.		---	---	---	---	---	---
120-126 in.		---	---	2596	3282	2668	2883
120-144 in.		---	---	---	---	---	---
122-128 in.		---	---	---	---	---	---
123-144 in.		---	---	---	---	---	---
126-130 in.		---	---	---	---	---	---
126-132 in.		---	---	2584	3223	2642	2854
126-144 in.		---	---	---	---	---	---
128-132 in.		---	---	---	---	---	---
130-144 in.		---	---	---	---	---	---
132-134 in.		---	---	---	3151	---	2841
132-135 in.		---	---	---	---	2742	---
132-136 in.		---	---	---	---	---	---
132-138 in.		---	---	2460	---	---	---
132-144 in.		---	---	---	---	---	---
134-144 in.		---	---	---	NL	---	---
135-144 in.		---	---	---	---	NL	---
136-142 in.		---	---	---	---	---	---
138-141 in.		---	---	---	---	---	---
138-142 in.		---	---	---	---	---	---
138-144 in.		---	---	NL	---	---	---
141-144 in.		---	---	---	---	---	---
142-144 in.		---	---	---	---	---	---
142-148 in.		---	---	---	---	---	---
144-150 in.		---	---	---	5150	---	---
144-168 in.		---	---	---	---	---	---
148-154 in.		---	---	---	---	---	---
150-156 in.		---	---	---	3171	---	---
154-162 in.		---	---	---	---	---	---
156-160 in.		---	---	---	---	---	---
156-162 in.		---	---	---	3153	---	---
160-162 in.		---	---	---	---	---	---
160-166 in.		---	---	---	---	---	---
162-168 in.		---	---	---	2793	---	---
166-192 in.		---	---	---	---	---	---
168-174 in.		---	---	---	2865	---	---
168-192 in.		---	---	---	---	---	---
174-180 in.		---	---	---	2805	---	---
174-192 in.		---	---	---	---	---	---
180-184 in.		---	---	---	2714	---	---
180-186 in.		---	---	---	---	---	---
180-192 in.		---	---	---	---	---	---
184-192 in.		---	---	---	NL	---	---
186-189 in.		---	---	---	---	---	---
186-190 in.		---	---	---	---	---	---
186-192 in.		---	---	---	---	---	---
189-192 in.		---	---	---	---	---	---
190-192 in.		---	---	---	---	---	---
192-198 in.		---	---	---	2834	---	---
192-216 in.		---	---	---	---	---	---
198-214 in.		---	---	---	2677	---	---
214-220 in.		---	---	---	2586	---	---
216-222 in.		---	---	---	---	---	---
216-240 in.		---	---	---	---	---	---
220-226 in.		---	---	---	2544	---	---
222-228 in.		---	---	---	---	---	---
226-232 in.		---	---	---	2654	---	---
228-234 in.		---	---	---	---	---	---
234-240 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4b
GTE Operations Support Incorporated
 Former Sylvania Electric Products Facility - Hicksville, NY
 Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-048 07/14/99 GD c/min	SB-049 07/14/99 GD c/min	SB-049B 07/15/99 GD c/min	SB-050 07/14/99 GD c/min	SB-051 07/15/99 GD c/min	SB-052 07/15/99 GD c/min
0-3 in.		---	---	---	---	---	---
0-6 in.		2635	2545	---	2767	3052	2460
3-6 in.		---	---	---	---	---	---
6-9 in.		---	---	---	---	---	---
6-12 in.		2527	2833	---	2771	3752	2619
9-11 in.		---	---	---	---	---	---
9-12 in.		---	---	---	---	---	---
9-13 in.		---	---	---	---	---	---
12-14 in.		---	---	---	---	---	---
12-15 in.		---	---	---	---	---	---
12-18 in.		2625	2823	---	2636	4094	3560
12-48 in.		---	---	---	---	---	---
15-18 in.		---	---	---	---	---	---
15-21 in.		---	---	---	---	---	---
18-21 in.		---	---	---	---	---	---
18-24 in.		2893	2867	---	2736	3159	3633
18-48 in.		---	---	---	---	---	---
21-24 in.		---	---	---	---	---	---
21-27 in.		---	---	---	---	---	---
21-48 in.		---	---	---	---	---	---
24-28 in.		2613	---	---	---	---	---
24-30 in.		---	2904	---	2878	2980	3056
24-48 in.		---	---	---	---	---	---
27-30 in.		---	---	---	---	---	---
28-48 in.		NL	---	---	---	---	---
30-32 in.		---	---	---	---	---	---
30-33 in.		---	---	---	---	---	---
30-34 in.		---	---	---	---	---	---
30-36 in.		---	---	---	2824	3158	2610
30-48 in.		---	NL	---	---	---	---
32-48 in.		---	---	---	---	---	---
33-37 in.		---	---	---	---	---	---
33-48 in.		---	---	---	---	---	---
34-36 in.		---	---	---	---	---	---
34-48 in.		---	---	---	---	---	---
36-38 in.		---	---	---	---	---	---
36-39 in.		---	---	---	---	---	---
36-40 in.		---	---	---	2819	---	---
36-41 in.		---	---	---	---	---	---
36-42 in.		---	---	---	---	---	2586
36-48 in.		---	---	---	---	NL	---
37-48 in.		---	---	---	---	---	---
38-46 in.		---	---	---	---	---	---
38-48 in.		---	---	---	---	---	---
39-42 in.		---	---	---	---	---	---
39-48 in.		---	---	---	---	---	---
40-48 in.		---	---	---	NL	---	---
41-48 in.		---	---	---	---	---	---
42-44 in.		---	---	---	---	---	---
42-45 in.		---	---	---	---	---	---
42-46 in.		---	---	---	---	---	---
42-48 in.		---	---	---	---	---	NL
44-48 in.		---	---	---	---	---	---
44-50 in.		---	---	---	---	---	---
45-48 in.		---	---	---	---	---	---
46-48 in.		---	---	---	---	---	---
46-52 in.		---	---	---	---	---	---
48-52 in.		---	---	---	---	---	---
48-54 in.		2645	2646	---	2822	2848	---
48-60 in.		---	---	---	---	---	---
48-89 in.		---	---	---	---	---	---
50-56 in.		---	---	---	---	---	---
52-58 in.		---	---	---	---	---	---
54-60 in.		2673	2747	---	2899	2737	---
56-62 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.



O'BRIEN & GERE
ENGINEERS, INC.

Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-048 07/14/99 GD c/min	SB-049 07/14/99 GD c/min	SB-049B 07/15/99 GD c/min	SB-050 07/14/99 GD c/min	SB-051 07/15/99 GD c/min	SB-052 07/15/99 GD c/min
58-64 in.		---	---	---	---	---	---
60-64 in.		---	---	---	---	---	---
60-66 in.		2653	2765	---	2960	2665	---
60-96 in.		---	---	---	---	---	---
62-68 in.		---	---	---	---	---	---
64-70 in.		---	---	---	---	---	---
64-96 in.		---	---	---	---	---	---
66-69 in.		---	---	---	---	---	---
66-70 in.		---	---	---	---	---	---
66-72 in.		2729	2776	---	2895	2572	---
66-96 in.		---	---	---	---	---	---
68-74 in.		---	---	---	---	---	---
69-72 in.		---	---	---	---	---	---
70-76 in.		---	---	---	---	---	---
70-96 in.		---	---	---	---	---	---
72-74 in.		---	---	---	---	---	---
72-76 in.		---	---	---	---	---	---
72-78 in.		2855	---	---	2952	2581	---
72-80 in.		---	---	---	---	---	---
72-84 in.		---	---	---	---	---	---
72-96 in.		---	NL	---	---	---	---
74-80 in.		---	---	---	---	---	---
74-96 in.		---	---	---	---	---	---
76-82 in.		---	---	---	---	---	---
76-96 in.		---	---	---	---	---	---
78-81 in.		---	---	---	---	---	---
78-82 in.		---	---	---	---	---	---
78-84 in.		2771	---	---	3258	2592	---
78-96 in.		---	---	---	---	---	---
80-86 in.		---	---	---	---	---	---
81-96 in.		---	---	---	---	---	---
82-88 in.		---	---	---	---	---	---
84-87 in.		---	---	---	---	---	---
84-88 in.		---	---	---	---	---	---
84-90 in.		2747	---	---	---	2658	---
84-96 in.		---	---	---	NL	---	---
86-88 in.		---	---	---	---	---	---
86-92 in.		---	---	---	---	---	---
87-96 in.		---	---	---	---	---	---
88-92 in.		---	---	---	---	---	---
88-96 in.		---	---	---	---	---	---
89-96 in.		---	---	---	---	---	---
90-92 in.		---	---	---	---	---	---
90-93 in.		---	---	---	---	---	---
90-94 in.		---	---	---	---	---	---
90-96 in.		NL	---	---	---	NL	---
92-96 in.		---	---	---	---	---	---
92-98 in.		---	---	---	---	---	---
93-96 in.		---	---	---	---	---	---
94-96 in.		---	---	---	---	---	---
96-98 in.		2762	---	---	---	---	---
96-102 in.		---	2743	---	2785	---	---
96-144 in.		---	---	---	---	---	---
98-102 in.		2678	---	---	---	---	---
98-104 in.		---	---	---	---	---	---
102-108 in.		2707	2727	---	2790	---	---
102-128 in.		---	---	---	---	---	---
104-110 in.		---	---	---	---	---	---
108-110 in.		---	---	---	---	---	---
108-112 in.		---	---	---	---	---	---
108-114 in.		2561	2701	---	2784	---	---
108-132 in.		---	---	---	---	---	---
108-144 in.		---	---	---	---	---	---
110-116 in.		---	---	---	---	---	---
114-116 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
BK - Background, DPW - Department of Public Works.

Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-048 07/14/99 GD c/min	SB-049 07/14/99 GD c/min	SB-049B 07/15/99 GD c/min	SB-050 07/14/99 GD c/min	SB-051 07/15/99 GD c/min	SB-052 07/15/99 GD c/min
114-117 in.		---	---	---	---	---	---
114-120 in.		---	2668	---	2692	---	---
114-144 in.		NL	---	---	---	---	---
116-122 in.		---	---	---	---	---	---
116-144 in.		---	---	---	---	---	---
120-123 in.		---	---	---	---	---	---
120-126 in.		---	2732	---	2679	---	---
120-144 in.		---	---	---	---	---	---
122-128 in.		---	---	---	---	---	---
123-144 in.		---	---	---	---	---	---
126-130 in.		---	---	---	---	---	---
126-132 in.		---	---	---	2749	---	---
126-144 in.		---	NL	---	---	---	---
128-132 in.		---	---	---	---	---	---
130-144 in.		---	---	---	---	---	---
132-134 in.		---	---	---	---	---	---
132-135 in.		---	---	---	---	---	---
132-136 in.		---	---	---	---	---	---
132-138 in.		---	---	---	2809	---	---
132-144 in.		---	---	---	---	---	---
134-144 in.		---	---	---	---	---	---
135-144 in.		---	---	---	---	---	---
136-142 in.		---	---	---	---	---	---
138-141 in.		---	---	---	---	---	---
138-142 in.		---	---	---	---	---	---
138-144 in.		---	---	---	NL	---	---
141-144 in.		---	---	---	---	---	---
142-144 in.		---	---	---	---	---	---
142-148 in.		---	---	---	---	---	---
144-150 in.		---	3659	---	2892	---	---
144-168 in.		---	---	---	---	---	---
148-154 in.		---	---	---	---	---	---
150-156 in.		---	3384	---	2771	---	---
154-162 in.		---	---	---	---	---	---
156-160 in.		---	---	---	---	---	---
156-162 in.		---	---	---	---	---	---
160-162 in.		---	---	---	---	---	---
160-166 in.		---	---	---	---	---	---
162-168 in.		---	---	---	---	---	---
166-192 in.		---	---	---	---	---	---
168-174 in.		---	---	---	---	---	---
168-192 in.		---	---	---	---	---	---
174-180 in.		---	---	---	---	---	---
174-192 in.		---	---	---	---	---	---
180-184 in.		---	---	---	---	---	---
180-186 in.		---	---	---	---	---	---
180-192 in.		---	---	---	---	---	---
184-192 in.		---	---	---	---	---	---
186-189 in.		---	---	---	---	---	---
186-190 in.		---	---	---	---	---	---
186-192 in.		---	---	---	---	---	---
189-192 in.		---	---	---	---	---	---
190-192 in.		---	---	---	---	---	---
192-198 in.		---	---	---	---	---	---
192-216 in.		---	---	---	---	---	---
198-214 in.		---	---	---	---	---	---
214-220 in.		---	---	---	---	---	---
216-222 in.		---	---	---	---	---	---
216-240 in.		---	---	2582	---	---	---
220-226 in.		---	---	---	---	---	---
222-228 in.		---	---	---	---	---	---
226-232 in.		---	---	---	---	---	---
228-234 in.		---	---	---	---	---	---
234-240 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.



Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-053 07/15/99 GD c/min	SB-054 07/15/99 GD c/min	SB-055 07/15/99 GD c/min	SB-056 07/15/99 GD c/min	SB-057 07/15/99 GD c/min	SB-058 07/15/99 GD Area 3A c/min
0-3 in.							
0-6 in.		2441	2524	2610	2589	2532	NL
3-6 in.							
6-9 in.							
6-12 in.		2448	2622	2557	2598	2660	2838
9-11 in.							
9-12 in.							
9-13 in.							
12-14 in.							
12-15 in.							
12-18 in.		2484	2668	2596	2654	2723	2981
12-48 in.							
15-18 in.							
15-21 in.							
18-21 in.							
18-24 in.		2557	2524	2629	2983	2728	2760
18-48 in.							
21-24 in.							
21-27 in.							
21-48 in.							
24-28 in.							
24-30 in.		2521	2595	3313	2967	2841	2680
24-48 in.							
27-30 in.							
28-48 in.							
30-32 in.							
30-33 in.							
30-34 in.							
30-36 in.		2593	2862	3345		2657	2652
30-48 in.					NL		
32-48 in.							
33-37 in.							
33-48 in.							
34-36 in.							
34-48 in.							
36-38 in.							
36-39 in.							
36-40 in.							
36-41 in.							
36-42 in.		2435	2997	2813		2717	2524
36-48 in.							
37-48 in.							
38-46 in.							
38-48 in.							
39-42 in.							
39-48 in.							
40-48 in.							
41-48 in.							
42-44 in.							
42-45 in.		2493					
42-46 in.							
42-48 in.			NL	NL		NL	
44-48 in.							
44-50 in.							
45-48 in.		NL					
46-48 in.							
46-52 in.							
48-52 in.							
48-54 in.			2787	3052	2585	2708	
48-60 in.							
48-89 in.							
50-56 in.							
52-58 in.							
54-60 in.			2844	2753	2576	2583	
56-62 in.							

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
BK - Background, DPW - Department of Public Works.

Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-053 07/15/99 GD c/min	SB-054 07/15/99 GD c/min	SB-055 07/15/99 GD c/min	SB-056 07/15/99 GD c/min	SB-057 07/15/99 GD c/min	SB-058 07/15/99 GD Area 3A c/min
58-64 in.		---	---	---	---	---	---
60-64 in.		---	---	---	---	---	---
60-66 in.		---	3445	2593	2593	2719	---
60-96 in.		---	---	---	---	---	---
62-68 in.		---	---	---	---	---	---
64-70 in.		---	---	---	---	---	---
64-96 in.		---	---	---	---	---	---
66-69 in.		---	---	---	---	---	---
66-70 in.		---	---	---	---	---	---
66-72 in.		---	3751	2647	2693	2557	---
66-96 in.		---	---	---	---	---	---
68-74 in.		---	---	---	---	---	---
69-72 in.		---	---	---	---	---	---
70-76 in.		---	---	---	---	---	---
70-96 in.		---	---	---	---	---	---
72-74 in.		---	---	---	---	---	---
72-76 in.		---	---	---	---	---	---
72-78 in.		---	4734	2608	2617	2658	---
72-80 in.		---	---	---	---	---	---
72-84 in.		---	---	---	---	---	---
72-96 in.		---	---	---	---	---	---
74-80 in.		---	---	---	---	---	---
74-96 in.		---	---	---	---	---	---
76-82 in.		---	---	---	---	---	---
76-96 in.		---	---	---	---	---	---
78-81 in.		---	---	---	---	---	---
78-82 in.		---	---	---	---	---	---
78-84 in.		---	4426	2611	2594	2594	---
78-96 in.		---	---	---	---	---	---
80-86 in.		---	---	---	---	---	---
81-96 in.		---	---	---	---	---	---
82-88 in.		---	---	---	---	---	---
84-87 in.		---	---	---	---	---	---
84-88 in.		---	---	---	---	---	---
84-90 in.		---	---	2537	2527	2482	---
84-96 in.		---	NL	---	---	---	---
86-88 in.		---	---	---	---	---	---
86-92 in.		---	---	---	---	---	---
87-96 in.		---	---	---	---	---	---
88-92 in.		---	---	---	---	---	---
88-96 in.		---	---	---	---	---	---
89-96 in.		---	---	---	---	---	---
90-92 in.		---	---	---	---	---	---
90-93 in.		---	---	---	---	---	---
90-94 in.		---	---	2663	2611	2558	---
90-96 in.		---	---	---	---	---	---
92-96 in.		---	---	---	---	---	---
92-98 in.		---	---	---	---	---	---
93-96 in.		---	---	---	---	---	---
94-96 in.		---	---	NL	NL	NL	---
96-98 in.		---	---	---	---	---	---
96-102 in.		---	3104	---	---	---	---
96-144 in.		---	---	---	---	---	---
98-102 in.		---	---	---	---	---	---
98-104 in.		---	---	---	---	---	---
102-108 in.		---	3855	---	---	---	---
102-128 in.		---	---	---	---	---	---
104-110 in.		---	---	---	---	---	---
108-110 in.		---	---	---	---	---	---
108-112 in.		---	---	---	---	---	---
108-114 in.		---	3559	---	---	---	---
108-132 in.		---	---	---	---	---	---
108-144 in.		---	---	---	---	---	---
110-116 in.		---	---	---	---	---	---
114-116 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.



Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-053 07/15/99 GD c/min	SB-054 07/15/99 GD c/min	SB-055 07/15/99 GD c/min	SB-056 07/15/99 GD c/min	SB-057 07/15/99 GD c/min	SB-058 07/15/99 GD Area 3A c/min
114-117 in.		---	3114	---	---	---	---
114-120 in.		---	---	---	---	---	---
114-144 in.		---	---	---	---	---	---
116-122 in.		---	---	---	---	---	---
116-144 in.		---	---	---	---	---	---
120-123 in.		---	---	---	---	---	---
120-126 in.		---	---	---	---	---	---
120-144 in.		---	---	---	---	---	---
122-128 in.		---	---	---	---	---	---
123-144 in.		---	---	---	---	---	---
126-130 in.		---	---	---	---	---	---
126-132 in.		---	---	---	---	---	---
126-144 in.		---	---	---	---	---	---
128-132 in.		---	---	---	---	---	---
130-144 in.		---	---	---	---	---	---
132-134 in.		---	---	---	---	---	---
132-135 in.		---	---	---	---	---	---
132-136 in.		---	---	---	---	---	---
132-138 in.		---	---	---	---	---	---
132-144 in.		---	---	---	---	---	---
134-144 in.		---	---	---	---	---	---
135-144 in.		---	---	---	---	---	---
136-142 in.		---	---	---	---	---	---
138-141 in.		---	---	---	---	---	---
138-142 in.		---	---	---	---	---	---
138-144 in.		---	---	---	---	---	---
141-144 in.		---	---	---	---	---	---
142-144 in.		---	---	---	---	---	---
142-148 in.		---	---	---	---	---	---
144-150 in.		---	---	---	---	---	---
144-168 in.		---	---	---	---	---	---
148-154 in.		---	---	---	---	---	---
150-156 in.		---	---	---	---	---	---
154-162 in.		---	---	---	---	---	---
156-160 in.		---	---	---	---	---	---
156-162 in.		---	---	---	---	---	---
160-162 in.		---	---	---	---	---	---
160-166 in.		---	---	---	---	---	---
162-168 in.		---	---	---	---	---	---
166-192 in.		---	---	---	---	---	---
168-174 in.		---	---	---	---	---	---
168-192 in.		---	---	---	---	---	---
174-180 in.		---	---	---	---	---	---
174-192 in.		---	---	---	---	---	---
180-184 in.		---	---	---	---	---	---
180-186 in.		---	---	---	---	---	---
180-192 in.		---	---	---	---	---	---
184-192 in.		---	---	---	---	---	---
186-189 in.		---	---	---	---	---	---
186-190 in.		---	---	---	---	---	---
186-192 in.		---	---	---	---	---	---
189-192 in.		---	---	---	---	---	---
190-192 in.		---	---	---	---	---	---
192-198 in.		---	---	---	---	---	---
192-216 in.		---	---	---	---	---	---
198-214 in.		---	---	---	---	---	---
214-220 in.		---	---	---	---	---	---
216-222 in.		---	---	---	---	---	---
216-240 in.		---	---	---	---	---	---
220-226 in.		---	---	---	---	---	---
222-228 in.		---	---	---	---	---	---
226-232 in.		---	---	---	---	---	---
228-234 in.		---	---	---	---	---	---
234-240 in.		---	---	---	---	---	---

NOTES: NL - not logged.
* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
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Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-059 07/16/99 GD c/min	SB-060 07/16/99 GD Area 3A c/min	SB-061 07/16/99 GD c/min	SB-062 07/16/99 GD c/min	SB-063 07/19/99 MD c/min	SB-064 07/19/99 MD c/min
0-3 in.		---	---	---	---	---	---
0-6 in.		2691	2783	2502	2545	2519	2594
3-6 in.		---	---	---	---	---	---
6-9 in.		---	---	---	---	---	---
6-12 in.		2743	2910	2627	2754	2534	2598
9-11 in.		---	---	---	---	---	---
9-12 in.		---	---	---	---	---	---
9-13 in.		---	---	---	---	---	---
12-14 in.		---	---	---	---	---	---
12-15 in.		---	---	---	---	---	---
12-18 in.		2801	2741	2608	2789	2562	2885
12-48 in.		---	---	---	---	---	---
15-18 in.		---	---	---	---	---	---
15-21 in.		---	---	---	---	---	---
18-21 in.		---	---	---	---	---	---
18-24 in.		2894	2696	2584	2634	2547	2984
18-48 in.		---	---	---	---	---	---
21-24 in.		---	---	---	---	---	---
21-27 in.		---	---	---	---	---	---
21-48 in.		---	---	---	---	---	---
24-28 in.		---	---	---	---	---	---
24-30 in.		2977	2555	2606	3607	2602	---
24-48 in.		---	---	---	---	---	NL
27-30 in.		---	---	---	---	---	---
28-48 in.		---	---	---	---	---	---
30-32 in.		---	---	---	---	---	---
30-33 in.		---	---	---	---	---	---
30-34 in.		---	---	---	---	---	---
30-36 in.		2787	2593	2616	2578	2578	---
30-48 in.		---	---	---	---	---	---
32-48 in.		---	---	---	---	---	---
33-37 in.		---	---	---	---	---	---
33-48 in.		---	---	---	---	---	---
34-36 in.		---	---	---	---	---	---
34-48 in.		---	---	---	---	---	---
36-38 in.		2789	---	---	---	---	---
36-39 in.		---	2550	---	---	---	---
36-40 in.		---	---	---	2516	---	---
36-41 in.		---	---	2588	---	---	---
36-42 in.		---	---	---	---	---	---
36-48 in.		---	---	---	---	NL	---
37-48 in.		---	---	---	---	---	---
38-46 in.		---	---	---	---	---	---
38-48 in.		NL	---	---	---	---	---
39-42 in.		---	---	---	---	---	---
39-48 in.		---	NL	---	---	---	---
40-48 in.		---	---	---	NL	---	---
41-48 in.		---	---	NL	---	---	---
42-44 in.		---	---	---	---	---	---
42-45 in.		---	---	---	---	---	---
42-46 in.		---	---	---	---	---	---
42-48 in.		---	---	---	---	---	---
44-48 in.		---	---	---	---	---	---
44-50 in.		---	---	---	---	---	---
45-48 in.		---	---	---	---	---	---
46-48 in.		---	---	---	---	---	---
46-52 in.		---	---	---	---	---	---
48-52 in.		---	---	---	---	---	---
48-54 in.		2908	---	---	---	2591	2562
48-60 in.		---	---	---	---	---	---
48-89 in.		---	---	---	---	---	---
50-56 in.		---	---	---	---	---	---
52-58 in.		---	---	---	---	---	---
54-60 in.		2730	---	---	---	2528	2714
56-62 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4b
GTE Operations Support Incorporated
 Former Sylvania Electric Products Facility - Hicksville, NY
 Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-059 07/16/99 GD c/min	SB-060 07/16/99 GD Area 3A c/min	SB-061 07/16/99 GD c/min	SB-062 07/16/99 GD c/min	SB-063 07/19/99 MD c/min	SB-064 07/19/99 MD c/min
58-64 in.		---	---	---	---	---	---
60-64 in.		---	---	---	---	---	---
60-66 in.		2729	---	---	---	2561	---
60-96 in.		---	---	---	---	---	NL
62-68 in.		---	---	---	---	---	---
64-70 in.		---	---	---	---	---	---
64-96 in.		---	---	---	---	---	---
66-69 in.		---	---	---	---	---	---
66-70 in.		---	---	---	---	---	---
66-72 in.		2720	---	---	---	2568	---
66-96 in.		---	---	---	---	---	---
68-74 in.		---	---	---	---	---	---
69-72 in.		---	---	---	---	---	---
70-76 in.		---	---	---	---	---	---
70-96 in.		---	---	---	---	---	---
72-74 in.		---	---	---	---	---	---
72-76 in.		---	---	---	---	---	---
72-78 in.		2777	---	---	---	---	---
72-80 in.		---	---	---	---	---	---
72-84 in.		---	---	---	---	---	---
72-96 in.		---	---	---	---	NL	---
74-80 in.		---	---	---	---	---	---
74-96 in.		---	---	---	---	---	---
76-82 in.		---	---	---	---	---	---
76-96 in.		---	---	---	---	---	---
78-81 in.		---	---	---	---	---	---
78-82 in.		---	---	---	---	---	---
78-84 in.		2819	---	---	---	---	---
78-96 in.		---	---	---	---	---	---
80-86 in.		---	---	---	---	---	---
81-96 in.		---	---	---	---	---	---
82-88 in.		---	---	---	---	---	---
84-87 in.		---	---	---	---	---	---
84-88 in.		---	---	---	---	---	---
84-90 in.		2903	---	---	---	---	---
84-96 in.		---	---	---	---	---	---
86-88 in.		---	---	---	---	---	---
86-92 in.		---	---	---	---	---	---
87-96 in.		---	---	---	---	---	---
88-92 in.		---	---	---	---	---	---
88-96 in.		---	---	---	---	---	---
89-96 in.		---	---	---	---	---	---
90-92 in.		---	---	---	---	---	---
90-93 in.		---	---	---	---	---	---
90-94 in.		2787	---	---	---	---	---
90-96 in.		---	---	---	---	---	---
92-96 in.		---	---	---	---	---	---
92-98 in.		---	---	---	---	---	---
93-96 in.		---	---	---	---	---	---
94-96 in.		NL	---	---	---	---	---
96-98 in.		---	---	---	---	---	---
96-102 in.		2798	---	---	---	2465	2593
96-144 in.		---	---	---	---	---	---
98-102 in.		---	---	---	---	---	---
98-104 in.		---	---	---	---	---	---
102-108 in.		2768	---	---	---	2784	2510
102-128 in.		---	---	---	---	---	---
104-110 in.		---	---	---	---	---	---
108-110 in.		---	---	---	---	---	---
108-112 in.		---	---	---	---	---	---
108-114 in.		2686	---	---	---	3347	---
108-132 in.		---	---	---	---	---	NL
108-144 in.		---	---	---	---	---	---
110-116 in.		---	---	---	---	---	---
114-116 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.



Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-059 07/16/99 GD c/min	SB-060 07/16/99 GD Area 3A c/min	SB-061 07/16/99 GD c/min	SB-062 07/16/99 GD c/min	SB-063 07/19/99 MD c/min	SB-064 07/19/99 MD c/min
114-117 in.			---	---	---	---	---
114-120 in.		2594	---	---	---	2734	---
114-144 in.		---	---	---	---	---	---
116-122 in.		---	---	---	---	---	---
116-144 in.		---	---	---	---	---	---
120-123 in.		---	---	---	---	---	---
120-126 in.		2725	---	---	---	---	---
120-144 in.		---	---	---	---	NL	---
122-128 in.		---	---	---	---	---	---
123-144 in.		---	---	---	---	---	---
126-130 in.		---	---	---	---	---	---
126-132 in.		2667	---	---	---	---	---
126-144 in.		---	---	---	---	---	---
128-132 in.		---	---	---	---	---	---
130-144 in.		---	---	---	---	---	---
132-134 in.		---	---	---	---	---	---
132-135 in.		---	---	---	---	---	---
132-136 in.		---	---	---	---	---	---
132-138 in.		2785	---	---	---	---	---
132-144 in.		---	---	---	---	---	---
134-144 in.		---	---	---	---	---	---
135-144 in.		---	---	---	---	---	---
136-142 in.		---	---	---	---	---	---
138-141 in.		---	---	---	---	---	---
138-142 in.		---	---	---	---	---	---
138-144 in.		2631	---	---	---	---	---
141-144 in.		---	---	---	---	---	---
142-144 in.		---	---	---	---	---	---
142-148 in.		---	---	---	---	---	---
144-150 in.		---	---	---	---	2520	---
144-168 in.		---	---	---	---	---	---
148-154 in.		---	---	---	---	---	---
150-156 in.		---	---	---	---	2641	---
154-162 in.		---	---	---	---	---	---
156-160 in.		---	---	---	---	---	---
156-162 in.		---	---	---	---	2494	---
160-162 in.		---	---	---	---	---	---
160-166 in.		---	---	---	---	---	---
162-168 in.		---	---	---	---	2643	---
166-192 in.		---	---	---	---	---	---
168-174 in.		---	---	---	---	2570	---
168-192 in.		---	---	---	---	---	---
174-180 in.		---	---	---	---	2672	---
174-192 in.		---	---	---	---	---	---
180-184 in.		---	---	---	---	---	---
180-186 in.		---	---	---	---	2521	---
180-192 in.		---	---	---	---	---	---
184-192 in.		---	---	---	---	---	---
186-189 in.		---	---	---	---	---	---
186-190 in.		---	---	---	---	---	---
186-192 in.		---	---	---	---	2513	---
189-192 in.		---	---	---	---	---	---
190-192 in.		---	---	---	---	---	---
192-198 in.		---	---	---	---	---	---
192-216 in.		---	---	---	---	---	---
198-214 in.		---	---	---	---	---	---
214-220 in.		---	---	---	---	---	---
216-222 in.		---	---	---	---	---	---
216-240 in.		---	---	---	---	---	---
220-226 in.		---	---	---	---	---	---
222-228 in.		---	---	---	---	---	---
226-232 in.		---	---	---	---	---	---
228-234 in.		---	---	---	---	---	---
234-240 in.		---	---	---	---	---	---

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* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
BK - Background, DPW - Department of Public Works.



Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Sample ID Sample Date Property * Excavation Area Units	SB-065 07/19/99 MD c/min	SB-066 07/19/99 MD c/min	SB-067 07/19/99 MD c/min	SB-068 07/19/99 MD c/min	SB-069 07/19/99 MD c/min	SB-070 07/20/99 MD c/min
Depth						
0-3 in.	---	---	---	---	---	---
0-6 in.	2454	2560	2528	2495	2597	2651
3-6 in.	---	---	---	---	---	---
6-9 in.	---	---	---	---	---	---
6-12 in.	2594	2656	2663	2638	2471	2882
9-11 in.	---	---	---	---	---	---
9-12 in.	---	---	---	---	---	---
9-13 in.	---	---	---	---	---	---
12-14 in.	---	---	---	---	---	---
12-15 in.	---	---	---	---	---	---
12-18 in.	2727	2558	2672	2780	2666	2676
12-48 in.	---	---	---	---	---	---
15-18 in.	---	---	---	---	---	---
15-21 in.	---	---	---	---	---	---
18-21 in.	---	---	---	2860	---	---
18-24 in.	2789	2623	2612	---	2720	2659
18-48 in.	---	---	---	---	---	---
21-24 in.	---	---	---	---	---	---
21-27 in.	---	---	---	3032	---	---
21-48 in.	---	---	---	---	---	---
24-28 in.	---	---	---	---	---	---
24-30 in.	2602	---	2632	---	NL	2654
24-48 in.	---	NL	---	---	---	---
27-30 in.	---	---	---	2787	---	---
28-48 in.	---	---	---	---	---	---
30-32 in.	---	---	---	---	---	---
30-33 in.	---	---	---	---	---	---
30-34 in.	---	---	---	---	---	---
30-36 in.	2648	---	2591	NL	NL	2665
30-48 in.	---	---	---	---	---	---
32-48 in.	---	---	---	---	---	---
33-37 in.	---	---	---	---	---	---
33-48 in.	---	---	---	---	---	---
34-36 in.	---	---	---	---	---	---
34-48 in.	---	---	---	---	---	---
36-38 in.	2692	---	---	---	---	---
36-39 in.	---	---	---	---	---	---
36-40 in.	---	---	---	---	---	---
36-41 in.	---	---	---	---	---	---
36-42 in.	---	---	2539	NL	NL	---
36-48 in.	---	---	---	---	---	NL
37-48 in.	---	---	---	---	---	---
38-46 in.	---	---	---	---	---	---
38-48 in.	NL	---	---	---	---	---
39-42 in.	---	---	---	---	---	---
39-48 in.	---	---	---	---	---	---
40-48 in.	---	---	---	---	---	---
41-48 in.	---	---	---	---	---	---
42-44 in.	---	---	2597	---	---	---
42-45 in.	---	---	---	---	---	---
42-46 in.	---	---	---	NL	---	---
42-48 in.	---	---	---	---	NL	---
44-48 in.	---	---	NL	---	---	---
44-50 in.	---	---	---	---	---	---
45-48 in.	---	---	---	---	---	---
46-48 in.	---	---	---	NL	---	---
46-52 in.	---	---	---	---	---	---
48-52 in.	---	---	---	---	---	---
48-54 in.	2635	2546	2541	2755	2787	2665
48-60 in.	---	---	---	---	---	---
48-89 in.	---	---	---	---	---	---
50-56 in.	---	---	---	---	---	---
52-58 in.	---	---	---	---	---	---
54-60 in.	2646	2555	2711	2511	2564	2550
56-62 in.	---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
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Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-065 07/19/99 MD c/min	SB-066 07/19/99 MD c/min	SB-067 07/19/99 MD c/min	SB-068 07/19/99 MD c/min	SB-069 07/19/99 MD c/min	SB-070 07/20/99 MD c/min
58-64 in.		---	---	---	---	---	---
60-64 in.		---	---	---	---	---	---
60-66 in.		2561	2676	2610	2563	2813	2538
60-96 in.		---	---	---	---	---	---
62-68 in.		---	---	---	---	---	---
64-70 in.		---	---	---	---	---	---
64-96 in.		---	---	---	---	---	---
66-69 in.		---	---	---	---	---	---
66-70 in.		---	---	---	---	---	---
66-72 in.		2548	2589	2555	2560	3051	2552
66-96 in.		---	---	---	---	---	---
68-74 in.		---	---	---	---	---	---
69-72 in.		---	---	---	---	---	---
70-76 in.		---	---	---	---	---	---
70-96 in.		---	---	---	---	---	---
72-74 in.		---	---	---	---	---	---
72-76 in.		---	2498	---	---	4458	---
72-78 in.		2583	---	2489	2517	---	---
72-80 in.		---	---	---	---	---	---
72-84 in.		---	---	---	---	---	2585
72-96 in.		---	---	---	---	---	---
74-80 in.		---	---	---	---	---	---
74-96 in.		---	---	---	---	---	---
76-82 in.		---	---	---	---	---	---
76-96 in.		---	NL	---	---	NL	---
78-81 in.		---	---	---	---	---	---
78-82 in.		---	---	---	---	---	---
78-84 in.		2533	---	2541	2500	---	---
78-96 in.		---	---	---	---	---	---
80-86 in.		---	---	---	---	---	---
81-96 in.		---	---	---	---	---	---
82-88 in.		---	---	---	---	---	---
84-87 in.		---	---	---	---	---	---
84-88 in.		---	---	2622	---	---	---
84-90 in.		2446	---	---	2602	---	2629
84-96 in.		---	---	---	---	---	---
86-88 in.		---	---	---	---	---	---
86-92 in.		---	---	---	---	---	---
87-96 in.		---	---	---	---	---	---
88-92 in.		---	---	---	---	---	---
88-96 in.		---	---	NL	---	---	---
89-96 in.		---	---	---	---	---	---
90-92 in.		---	---	---	---	---	---
90-93 in.		2570	---	---	---	---	---
90-94 in.		---	---	---	2545	---	2503
90-96 in.		---	---	---	---	---	---
92-96 in.		---	---	---	---	---	---
92-98 in.		---	---	---	---	---	---
93-96 in.		NL	---	---	---	---	---
94-96 in.		---	---	---	NL	---	NL
96-98 in.		---	---	---	---	---	---
96-102 in.		2606	2575	---	---	2748	---
96-144 in.		---	---	---	---	---	---
98-102 in.		---	---	---	---	---	---
98-104 in.		---	---	---	---	---	---
102-108 in.		2609	---	---	---	2766	---
102-128 in.		---	2597	---	---	---	---
104-110 in.		---	---	---	---	---	---
108-110 in.		---	---	---	---	---	---
108-112 in.		---	2627	---	---	---	---
108-114 in.		2515	---	---	---	2747	---
108-132 in.		---	---	---	---	---	---
108-144 in.		---	---	---	---	---	---
110-116 in.		---	---	---	---	---	---
114-116 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4b
GTE Operations Support Incorporated
 Former Sylvania Electric Products Facility - Hicksville, NY
 Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-065 07/19/99 MD c/min	SB-066 07/19/99 MD c/min	SB-067 07/19/99 MD c/min	SB-068 07/19/99 MD c/min	SB-069 07/19/99 MD c/min	SB-070 07/20/99 MD c/min
114-117 in.		---	---	---	---	---	---
114-120 in.		2508	---	---	---	2870	---
114-144 in.		---	---	---	---	---	---
116-122 in.		---	---	---	---	---	---
116-144 in.		---	---	---	---	---	---
120-123 in.		---	---	---	---	---	---
120-126 in.		2552	---	---	---	2432	---
120-144 in.		---	---	---	---	---	---
122-128 in.		---	---	---	---	---	---
123-144 in.		---	---	---	---	---	---
126-130 in.		---	---	---	---	---	---
126-132 in.		2485	---	---	---	2505	---
126-144 in.		---	---	---	---	---	---
128-132 in.		---	---	---	---	---	---
130-144 in.		---	---	---	---	---	---
132-134 in.		---	---	---	---	---	---
132-135 in.		2476	---	---	---	---	---
132-136 in.		---	---	---	---	---	---
132-138 in.		---	---	---	---	2450	---
132-144 in.		---	---	---	---	---	---
134-144 in.		---	---	---	---	---	---
135-144 in.		NL	---	---	---	---	---
136-142 in.		---	---	---	---	---	---
138-141 in.		---	---	---	---	---	---
138-142 in.		---	---	---	---	2365	---
138-144 in.		---	---	---	---	---	---
141-144 in.		---	---	---	---	---	---
142-144 in.		---	---	---	---	NL	---
142-148 in.		---	---	---	---	---	---
144-150 in.		---	---	---	---	2659	---
144-168 in.		---	---	---	---	---	---
148-154 in.		---	---	---	---	---	---
150-156 in.		---	---	---	---	2611	---
154-162 in.		---	---	---	---	---	---
156-160 in.		---	---	---	---	---	---
156-162 in.		---	---	---	---	2776	---
160-162 in.		---	---	---	---	---	---
160-166 in.		---	---	---	---	---	---
162-168 in.		---	---	---	---	2648	---
166-192 in.		---	---	---	---	---	---
168-174 in.		---	---	---	---	2641	---
168-192 in.		---	---	---	---	---	---
174-180 in.		---	---	---	---	2497	---
174-192 in.		---	---	---	---	---	---
180-184 in.		---	---	---	---	---	---
180-186 in.		---	---	---	---	---	---
180-192 in.		---	---	---	---	NL	---
184-192 in.		---	---	---	---	---	---
186-189 in.		---	---	---	---	---	---
186-190 in.		---	---	---	---	---	---
186-192 in.		---	---	---	---	---	---
189-192 in.		---	---	---	---	---	---
190-192 in.		---	---	---	---	---	---
192-198 in.		---	---	---	---	---	---
192-216 in.		---	---	---	---	---	---
198-214 in.		---	---	---	---	---	---
214-220 in.		---	---	---	---	---	---
216-222 in.		---	---	---	---	---	---
216-240 in.		---	---	---	---	---	---
220-226 in.		---	---	---	---	---	---
222-228 in.		---	---	---	---	---	---
226-232 in.		---	---	---	---	---	---
228-234 in.		---	---	---	---	---	---
234-240 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-071 07/20/99 MD c/min	SB-071B 07/20/99 MD c/min	SB-072 07/20/99 MD c/min	SB-073 07/20/99 MD c/min	SB-074 07/20/99 MD c/min	SB-075 07/20/99 MD c/min
0-3 in.							
0-6 in.		2640	2409	2545	2588	2658	2537
3-6 in.							
6-9 in.							
6-12 in.		2566	2626	2578	2536	2563	2696
9-11 in.							
9-12 in.							
9-13 in.							
12-14 in.							
12-15 in.							
12-18 in.		2864	2832	2622	2657	2702	2666
12-48 in.							
15-18 in.							
15-21 in.							
18-21 in.							
18-24 in.		3183	2885	2610	2696	2815	2643
18-48 in.							
21-24 in.							
21-27 in.							
21-48 in.							
24-28 in.							
24-30 in.		2757	2931	2683		3348	2712
24-48 in.					NL		
27-30 in.							
28-48 in.							
30-32 in.							
30-33 in.							
30-34 in.							
30-36 in.			2578	2719		2924	2790
30-48 in.		NL					
32-48 in.							
33-37 in.							
33-48 in.							
34-36 in.							
34-48 in.							
36-38 in.							
36-39 in.				2596			
36-40 in.							
36-41 in.							
36-42 in.							
36-48 in.			NL			NL	NL
37-48 in.							
38-46 in.							
38-48 in.							
39-42 in.							
39-48 in.				NL			
40-48 in.							
41-48 in.							
42-44 in.							
42-45 in.							
42-46 in.							
42-48 in.							
44-48 in.							
44-50 in.							
45-48 in.							
46-48 in.							
46-52 in.							
48-52 in.							
48-54 in.		2580		2707	2691	3031	2879
48-60 in.							
48-89 in.							
50-56 in.							
52-58 in.							
54-60 in.		2728		2877	2710	2739	2743
56-62 in.							

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-071 07/20/99 MD c/min	SB-071B 07/20/99 MD c/min	SB-072 07/20/99 MD c/min	SB-073 07/20/99 MD c/min	SB-074 07/20/99 MD c/min	SB-075 07/20/99 MD c/min
58-64 in.		---	---	---	---	---	---
60-64 in.		---	---	---	---	---	---
60-66 in.		2954	---	---	2627	2829	2600
60-96 in.		---	---	---	---	---	---
62-68 in.		---	---	---	---	---	---
64-70 in.		---	---	---	---	---	---
64-96 in.		---	---	---	---	---	---
66-69 in.		---	---	---	---	---	---
66-70 in.		---	---	---	---	---	---
66-72 in.		3824	---	---	2529	2889	---
66-96 in.		---	---	---	---	---	NL
68-74 in.		---	---	---	---	---	---
69-72 in.		---	---	---	---	---	---
70-76 in.		---	---	---	---	---	---
70-96 in.		---	---	---	---	---	---
72-74 in.		---	---	---	---	---	---
72-76 in.		---	---	---	---	---	---
72-78 in.		---	---	2984	2695	2766	---
72-80 in.		---	---	---	---	---	---
72-84 in.		---	---	---	---	---	---
72-96 in.	NL	---	---	---	---	---	---
74-80 in.		---	---	---	---	---	---
74-96 in.		---	---	---	---	---	---
76-82 in.		---	---	---	---	---	---
76-96 in.		---	---	---	---	---	---
78-81 in.		---	---	---	---	---	---
78-82 in.		---	---	---	---	---	---
78-84 in.		---	---	---	---	2566	---
78-96 in.		---	---	NL	NL	---	---
80-86 in.		---	---	---	---	---	---
81-96 in.		---	---	---	---	---	---
82-88 in.		---	---	---	---	---	---
84-87 in.		---	---	---	---	---	---
84-88 in.		---	---	---	---	---	---
84-90 in.		---	---	---	---	---	---
84-96 in.		---	---	---	---	NL	---
86-88 in.		---	---	---	---	---	---
86-92 in.		---	---	---	---	---	---
87-96 in.		---	---	---	---	---	---
88-92 in.		---	---	---	---	---	---
88-96 in.		---	---	---	---	---	---
89-96 in.		---	---	---	---	---	---
90-92 in.		---	---	---	---	---	---
90-93 in.		---	---	---	---	---	---
90-94 in.		---	---	---	---	---	---
90-96 in.		---	---	---	---	---	---
92-96 in.		---	---	---	---	---	---
92-98 in.		---	---	---	---	---	---
93-96 in.		---	---	---	---	---	---
94-96 in.		---	---	---	---	---	---
96-98 in.		---	---	---	---	---	---
96-102 in.		---	---	---	2553	2654	2644
96-144 in.	2562	---	---	---	---	---	---
98-102 in.		---	---	---	---	---	---
98-104 in.		---	---	---	---	---	---
102-108 in.		---	---	---	2577	2833	2642
102-128 in.		---	---	---	---	---	---
104-110 in.		---	---	---	---	---	---
108-110 in.		---	---	---	---	---	---
108-112 in.		---	---	---	---	---	---
108-114 in.		---	---	---	2537	2744	---
108-132 in.		---	---	---	---	---	---
108-144 in.		---	---	---	---	---	NL
110-116 in.		---	---	---	---	---	---
114-116 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-071 07/20/99 MD c/min	SB-071B 07/20/99 MD c/min	SB-072 07/20/99 MD c/min	SB-073 07/20/99 MD c/min	SB-074 07/20/99 MD c/min	SB-075 07/20/99 MD c/min
114-117 in.		---	---	---	---	---	---
114-120 in.		---	---	---	2526	2736	---
114-144 in.		---	---	---	---	---	---
116-122 in.		---	---	---	---	---	---
116-144 in.		---	---	---	---	---	---
120-123 in.		---	---	---	---	---	---
120-126 in.		---	---	---	2519	2603	---
120-144 in.		---	---	---	---	---	---
122-128 in.		---	---	---	---	---	---
123-144 in.		---	---	---	---	---	---
126-130 in.		---	---	---	---	---	---
126-132 in.		---	---	---	NL	---	---
126-144 in.		---	---	---	---	NL	---
128-132 in.		---	---	---	---	---	---
130-144 in.		---	---	---	---	---	---
132-134 in.		---	---	---	---	---	---
132-135 in.		---	---	---	---	---	---
132-136 in.		---	---	---	---	---	---
132-138 in.		---	---	---	---	---	---
132-144 in.		---	---	---	NL	---	---
134-144 in.		---	---	---	---	---	---
135-144 in.		---	---	---	---	---	---
136-142 in.		---	---	---	---	---	---
138-141 in.		---	---	---	---	---	---
138-142 in.		---	---	---	---	---	---
138-144 in.		---	---	---	---	---	---
141-144 in.		---	---	---	---	---	---
142-144 in.		---	---	---	---	---	---
142-148 in.		---	---	---	---	---	---
144-150 in.		3387	---	---	2517	2677	2658
144-168 in.		---	---	---	---	---	---
148-154 in.		---	---	---	---	---	---
150-156 in.		3505	---	---	2607	2783	2644
154-162 in.		---	---	---	---	---	---
156-160 in.		3991	---	---	---	---	---
156-162 in.		---	---	---	2599	2499	2617
160-162 in.		---	---	---	---	---	---
160-166 in.		2681	---	---	---	---	---
162-168 in.		---	---	---	2496	2569	2770
166-192 in.		NL	---	---	---	---	---
168-174 in.		---	---	---	2546	2523	2745
168-192 in.		---	---	---	---	---	---
174-180 in.		---	---	---	2600	2520	2838
174-192 in.		---	---	---	---	---	---
180-184 in.		---	---	---	---	---	---
180-186 in.		---	---	---	2463	2551	---
180-192 in.		---	---	---	---	---	NL
184-192 in.		---	---	---	---	---	---
186-189 in.		---	---	---	---	---	---
186-190 in.		---	---	---	---	2465	---
186-192 in.		---	---	---	NL	---	---
189-192 in.		---	---	---	---	---	---
190-192 in.		---	---	---	---	NL	---
192-198 in.		---	---	---	---	---	---
192-216 in.		---	---	---	---	---	---
198-214 in.		---	---	---	---	---	---
214-220 in.		---	---	---	---	---	---
216-222 in.		---	---	---	---	---	---
216-240 in.		---	---	---	---	---	---
220-226 in.		---	---	---	---	---	---
222-228 in.		---	---	---	---	---	---
226-232 in.		---	---	---	---	---	---
228-234 in.		---	---	---	---	---	---
234-240 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-076 07/20/99 MD c/min	SB-077 07/20/99 MD c/min	SB-078 07/21/99 MD c/min	SB-079 07/21/99 MD c/min	SB-080 07/21/99 MD c/min	SB-081 07/21/99 MD c/min
0-3 in.		---	---	---	---	---	---
0-6 in.		2648	2535	2614	2669	2566	2574
3-6 in.		---	---	---	---	---	---
6-9 in.		---	---	---	---	---	---
6-12 in.		2677	2679	2758	2818	2796	2815
9-11 in.		---	---	---	---	---	---
9-12 in.		---	---	---	---	---	---
9-13 in.		---	---	---	---	---	---
12-14 in.		---	---	---	---	---	---
12-15 in.		---	---	---	---	---	---
12-18 in.		2664	2627	2942	2829	2857	2889
12-48 in.		---	---	---	---	---	---
15-18 in.		---	---	---	---	---	---
15-21 in.		---	---	---	---	---	---
18-21 in.		---	---	---	---	---	---
18-24 in.		2776	2710	3148	2857	2837	2850
18-48 in.		---	---	---	---	---	---
21-24 in.		---	---	---	---	---	---
21-27 in.		---	---	---	---	---	---
21-48 in.		---	---	---	---	---	---
24-28 in.		---	---	---	---	---	---
24-30 in.		2676	2601	2889	3040	3018	2948
24-48 in.		---	---	---	---	---	---
27-30 in.		---	---	---	---	---	---
28-48 in.		---	---	---	---	---	---
30-32 in.		---	---	---	---	---	---
30-33 in.		---	---	---	---	---	---
30-34 in.		---	---	---	---	---	---
30-36 in.		2549	---	3015	2818	2718	2856
30-48 in.		---	NL	---	---	---	---
32-48 in.		---	---	---	---	---	---
33-37 in.		---	---	---	---	---	---
33-48 in.		---	---	---	---	---	---
34-36 in.		---	---	---	---	---	---
34-48 in.		---	---	---	---	---	---
36-38 in.		---	---	3564	---	---	---
36-39 in.		---	---	---	---	---	---
36-40 in.		---	---	---	2857	---	---
36-41 in.		---	---	---	---	---	---
36-42 in.		---	---	---	---	2717	---
36-48 in.		NL	---	---	---	---	NL
37-48 in.		---	---	---	---	---	---
38-46 in.		---	---	---	---	---	---
38-48 in.		---	---	NL	---	---	---
39-42 in.		---	---	---	---	---	---
39-48 in.		---	---	---	---	---	---
40-48 in.		---	---	---	NL	---	---
41-48 in.		---	---	---	---	---	---
42-44 in.		---	---	---	---	2561	---
42-45 in.		---	---	---	---	---	---
42-46 in.		---	---	---	---	---	---
42-48 in.		---	---	---	---	---	---
44-48 in.		---	---	---	---	NL	---
44-50 in.		---	---	---	---	---	---
45-48 in.		---	---	---	---	---	---
46-48 in.		---	---	---	---	---	---
46-52 in.		---	---	---	---	---	---
48-52 in.		---	---	---	---	---	---
48-54 in.		2647	2672	2873	2812	2651	2890
48-60 in.		---	---	---	---	---	---
48-89 in.		---	---	---	---	---	---
50-56 in.		---	---	---	---	---	---
52-58 in.		---	---	---	---	---	---
54-60 in.		2736	2838	2880	2810	2534	2850
56-62 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
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Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Sample ID Sample Date Property * Excavation Area Units	SB-076 07/20/99 MD c/min	SB-077 07/20/99 MD c/min	SB-078 07/21/99 MD c/min	SB-079 07/21/99 MD c/min	SB-080 07/21/99 MD c/min	SB-081 07/21/99 MD c/min
Depth						
58-64 in.	---	---	---	---	---	---
60-64 in.	---	---	---	---	---	2878
60-66 in.	2922	2855	3061	2875	2551	---
60-96 in.	---	---	---	---	---	---
62-68 in.	---	---	---	---	---	---
64-70 in.	---	---	---	---	---	---
64-96 in.	NL	---	---	---	---	NL
66-69 in.	---	---	---	---	---	---
66-70 in.	---	---	---	---	---	---
66-72 in.	---	---	2959	3213	2534	---
66-96 in.	---	NL	---	---	---	---
68-74 in.	---	---	---	---	---	---
69-72 in.	---	---	---	---	---	---
70-76 in.	---	---	---	---	---	---
70-96 in.	---	---	---	---	---	---
72-74 in.	---	---	---	3507	---	---
72-76 in.	---	---	---	---	---	---
72-78 in.	---	---	2983	---	2691	---
72-80 in.	---	---	---	---	---	---
72-84 in.	---	---	---	---	---	---
72-96 in.	---	---	---	---	---	---
74-80 in.	---	---	---	---	---	---
74-96 in.	---	---	---	NL	---	---
76-82 in.	---	---	---	---	---	---
76-96 in.	---	---	---	---	---	---
78-81 in.	---	---	---	---	---	---
78-82 in.	---	---	---	---	---	---
78-84 in.	---	---	2962	---	2624	---
78-96 in.	---	---	---	---	---	---
80-86 in.	---	---	---	---	---	---
81-96 in.	---	---	---	---	---	---
82-88 in.	---	---	---	---	---	---
84-87 in.	---	---	2836	---	---	---
84-88 in.	---	---	---	---	---	---
84-90 in.	---	---	---	---	2656	---
84-96 in.	---	---	---	---	---	---
86-88 in.	---	---	---	---	---	---
86-92 in.	---	---	---	---	---	---
87-96 in.	---	---	NL	---	---	---
88-92 in.	---	---	---	---	---	---
88-96 in.	---	---	---	---	---	---
89-96 in.	---	---	---	---	---	---
90-92 in.	---	---	---	---	---	---
90-93 in.	---	---	---	---	---	---
90-94 in.	---	---	---	---	---	---
90-96 in.	---	---	---	---	NL	---
92-96 in.	---	---	---	---	---	---
92-98 in.	---	---	---	---	---	---
93-96 in.	---	---	---	---	---	---
94-96 in.	---	---	---	---	---	---
96-98 in.	---	---	---	---	---	---
96-102 in.	2662	2668	2876	3104	2647	2833
96-144 in.	---	---	---	---	---	---
98-102 in.	---	---	---	---	---	---
98-104 in.	---	---	---	---	---	---
102-108 in.	2731	3039	2857	3463	2667	2830
102-128 in.	---	---	---	---	---	---
104-110 in.	---	---	---	---	---	---
108-110 in.	---	---	---	---	---	---
108-112 in.	---	---	---	---	---	---
108-114 in.	2883	2994	3139	3216	2647	2917
108-132 in.	---	---	---	---	---	---
108-144 in.	---	---	---	---	---	---
110-116 in.	---	---	---	---	---	---
114-116 in.	---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4b
GTE Operations Support Incorporated
 Former Sylvania Electric Products Facility - Hicksville, NY
 Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-076 07/20/99 MD c/min	SB-077 07/20/99 MD c/min	SB-078 07/21/99 MD c/min	SB-079 07/21/99 MD c/min	SB-080 07/21/99 MD c/min	SB-081 07/21/99 MD c/min
114-117 in.		---	---	---	---	---	---
114-120 in.		2641	3020	2819	---	2611	3047
114-144 in.		---	---	---	NL	---	---
116-122 in.		---	---	---	---	---	---
116-144 in.		---	---	---	---	---	---
120-123 in.		---	---	---	---	---	---
120-126 in.		2537	4566	2760	---	2615	3106
120-144 in.		---	---	---	---	---	---
122-128 in.		---	---	---	---	---	---
123-144 in.		---	---	---	---	---	---
126-130 in.		---	6802	---	---	---	3082
126-132 in.		2594	---	2906	---	2581	---
126-144 in.		---	---	---	---	---	---
128-132 in.		---	---	---	---	---	---
130-144 in.		---	NL	---	---	---	NL
132-134 in.		---	---	---	---	---	---
132-135 in.		---	---	---	---	---	---
132-136 in.		---	---	---	---	---	---
132-138 in.		---	---	2896	---	2539	---
132-144 in.	NL	---	---	---	---	---	---
134-144 in.		---	---	---	---	---	---
135-144 in.		---	---	---	---	---	---
136-142 in.		---	---	---	---	---	---
138-141 in.		---	---	---	---	---	---
138-142 in.		---	---	---	---	2600	---
138-144 in.		---	---	NL	---	---	---
141-144 in.		---	---	---	---	---	---
142-144 in.		---	---	---	---	NL	---
142-148 in.		---	---	---	---	---	---
144-150 in.		2525	2728	2597	3315	2485	2839
144-168 in.		---	---	---	---	---	---
148-154 in.		---	---	---	---	---	---
150-156 in.		2606	2954	2856	3196	2608	2856
154-162 in.		---	---	---	---	---	---
156-160 in.		---	---	---	---	---	---
156-162 in.		2563	3170	2900	3124	2583	2915
160-162 in.		---	---	---	---	---	---
160-166 in.		---	---	---	---	---	---
162-168 in.		2535	2876	2867	2960	2531	3026
166-192 in.		---	---	---	---	---	---
168-174 in.		2581	2658	2891	2658	2547	3319
168-192 in.		---	---	---	---	---	---
174-180 in.		2462	2509	3017	---	2604	2953
174-192 in.		---	---	---	NL	---	---
180-184 in.		---	---	---	---	---	---
180-186 in.		2529	---	2960	---	2668	3072
180-192 in.		---	NL	---	---	---	---
184-192 in.		---	---	---	---	---	---
186-189 in.		2637	---	---	---	---	---
186-190 in.		---	---	3214	---	---	---
186-192 in.		---	---	---	---	2575	NL
189-192 in.	NL	---	---	---	---	---	---
190-192 in.		---	---	NL	---	---	---
192-198 in.		---	---	---	---	---	---
192-216 in.		---	---	---	NL	---	---
198-214 in.		---	---	---	---	---	---
214-220 in.		---	---	---	---	---	---
216-222 in.		---	---	---	2988	---	---
216-240 in.		---	---	---	---	---	---
220-226 in.		---	---	---	---	---	---
222-228 in.		---	---	---	2694	---	---
226-232 in.		---	---	---	---	---	---
228-234 in.		---	---	---	2627	---	---
234-240 in.		---	---	---	2596	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.



Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-082 07/21/99 MD c/min	SB-083 07/21/99 MD c/min	SB-084 07/21/99 MD c/min	SB-085 07/21/99 MD c/min	SB-085B 07/21/99 MD c/min	SB-086 07/21/99 MD c/min
0-3 in.							
0-6 in.		3072	2642	2603	2559	2578	2588
3-6 in.							
6-9 in.							
6-12 in.		2810	2580	2669	2488	2575	2663
9-11 in.							
9-12 in.							
9-13 in.							
12-14 in.							
12-15 in.							
12-18 in.		2843	2611	2633	2639	2673	3044
12-48 in.							
15-18 in.							
15-21 in.							
18-21 in.							
18-24 in.		2555	2544	2551	2597	2688	2903
18-48 in.							
21-24 in.							
21-27 in.							
21-48 in.							
24-28 in.							
24-30 in.		5063	2529	2522	2769	2635	2880
24-48 in.							
27-30 in.							
28-48 in.							
30-32 in.							
30-33 in.							
30-34 in.							
30-36 in.		3769	2655	2583	2705	2659	2617
30-48 in.							
32-48 in.							
33-37 in.							
33-48 in.							
34-36 in.							
34-48 in.							
36-38 in.							
36-39 in.							
36-40 in.							
36-41 in.							
36-42 in.		2797	2523	2662	2663	2648	NL
36-48 in.							
37-48 in.							
38-46 in.							
38-48 in.							
39-42 in.							
39-48 in.							
40-48 in.							
41-48 in.							
42-44 in.							
42-45 in.							
42-46 in.						2444	
42-48 in.		NL	NL	NL	NL		NL
44-48 in.							
44-50 in.							
45-48 in.							
46-48 in.						NL	
46-52 in.							
48-52 in.							
48-54 in.		3147	2568	2581	2579	2621	2524
48-60 in.							
48-89 in.							
50-56 in.							
52-58 in.							
54-60 in.		2987	2480	2571	2582	2591	2893
56-62 in.							

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
BK - Background, DPW - Department of Public Works.

Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-082 07/21/99 MD c/min	SB-083 07/21/99 MD c/min	SB-084 07/21/99 MD c/min	SB-085 07/21/99 MD c/min	SB-085B 07/21/99 MD c/min	SB-086 07/21/99 MD c/min
58-64 in.		---	---	---	---	---	---
60-64 in.		---	---	---	---	---	---
60-66 in.		3296	2526	2565	2582	2590	2804
60-96 in.		---	---	---	---	---	---
62-68 in.		---	---	---	---	---	---
64-70 in.		---	---	---	---	---	---
64-96 in.		---	---	---	---	---	---
66-69 in.		---	---	---	---	---	2806
66-70 in.		---	---	---	---	---	---
66-72 in.		4340	2623	2607	2619	2630	---
66-96 in.		---	---	---	---	---	---
68-74 in.		---	---	---	---	---	---
69-72 in.		---	---	---	---	---	NL
70-76 in.		---	---	---	---	---	---
70-96 in.		---	---	---	---	---	---
72-74 in.		---	---	---	---	---	---
72-76 in.		---	---	---	---	---	---
72-78 in.		3020	2535	2721	2595	2615	NL
72-80 in.		---	---	---	---	---	---
72-84 in.		---	---	---	---	---	---
72-96 in.		---	---	---	---	---	---
74-80 in.		---	---	---	---	---	---
74-96 in.		---	---	---	---	---	---
76-82 in.		---	---	---	---	---	---
76-96 in.		---	---	---	---	---	---
78-81 in.		---	---	---	---	---	---
78-82 in.		---	---	---	---	---	---
78-84 in.		2746	2610	2508	2597	2576	NL
78-96 in.		---	---	---	---	---	---
80-86 in.		---	---	---	---	---	---
81-96 in.		---	---	---	---	---	---
82-88 in.		---	---	---	---	---	---
84-87 in.		---	---	---	---	---	---
84-88 in.		---	---	---	---	---	---
84-90 in.		2664	2551	2463	2550	2722	NL
84-96 in.		---	---	---	---	---	---
86-88 in.		---	---	---	---	---	---
86-92 in.		---	---	---	---	---	---
87-96 in.		---	---	---	---	---	---
88-92 in.		---	---	---	---	---	---
88-96 in.		---	---	---	---	---	---
89-96 in.		---	---	---	---	---	---
90-92 in.		---	---	---	---	---	---
90-93 in.		---	---	---	---	---	---
90-94 in.		2771	2386	2565	---	---	---
90-96 in.		---	---	---	NL	---	NL
92-96 in.		---	---	---	---	---	---
92-98 in.		---	---	---	---	---	---
93-96 in.		---	---	---	---	---	---
94-96 in.		NL	NL	NL	---	---	---
96-98 in.		---	---	---	---	---	---
96-102 in.		2887	---	---	2599	2566	2719
96-144 in.		---	---	---	---	---	---
98-102 in.		---	---	---	---	---	---
98-104 in.		---	---	---	---	---	---
102-108 in.		2913	---	---	2589	2606	2693
102-128 in.		---	---	---	---	---	---
104-110 in.		---	---	---	---	---	---
108-110 in.		---	---	---	---	---	---
108-112 in.		---	---	---	---	---	---
108-114 in.		2858	---	---	2615	2565	2778
108-132 in.		---	---	---	---	---	---
108-144 in.		---	---	---	---	---	---
110-116 in.		---	---	---	---	---	---
114-116 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-082 07/21/99 MD c/min	SB-083 07/21/99 MD c/min	SB-084 07/21/99 MD c/min	SB-085 07/21/99 MD c/min	SB-085B 07/21/99 MD c/min	SB-086 07/21/99 MD c/min
114-117 in.		---	---	---	---	---	---
114-120 in.		2932	---	---	2631	2579	2594
114-144 in.		---	---	---	---	---	---
116-122 in.		---	---	---	---	---	---
116-144 in.		---	---	---	---	---	---
120-123 in.		---	---	---	---	---	---
120-126 in.		2799	---	---	2661	2567	2621
120-144 in.		---	---	---	---	---	---
122-128 in.		---	---	---	---	---	---
123-144 in.		---	---	---	---	---	---
126-130 in.		---	---	---	---	---	---
126-132 in.		2625	---	---	2564	2594	---
126-144 in.		---	---	---	---	---	NL
128-132 in.		---	---	---	---	---	---
130-144 in.		---	---	---	---	---	---
132-134 in.		---	---	---	---	---	---
132-135 in.		---	---	---	---	---	---
132-136 in.		---	---	---	---	---	---
132-138 in.		2669	---	---	---	2601	---
132-144 in.		---	---	---	---	---	---
134-144 in.		---	---	---	---	---	---
135-144 in.		---	---	---	---	---	---
136-142 in.		---	---	---	---	---	---
138-141 in.		---	---	---	---	---	---
138-142 in.		2616	---	---	---	2552	---
138-144 in.		---	---	---	---	---	---
141-144 in.		---	---	---	---	---	---
142-144 in.		NL	---	---	---	NL	---
142-148 in.		---	---	---	---	---	---
144-150 in.		2857	---	---	---	2648	2769
144-168 in.		---	---	---	---	---	---
148-154 in.		---	---	---	---	---	---
150-156 in.		2789	---	---	---	2586	2991
154-162 in.		---	---	---	---	---	---
156-160 in.		---	---	---	---	---	---
156-162 in.		2740	---	---	---	2615	2582
160-162 in.		---	---	---	---	---	---
160-166 in.		---	---	---	---	---	---
162-168 in.		2700	---	---	---	2596	2738
166-192 in.		---	---	---	---	---	---
168-174 in.		2723	---	---	---	---	2605
168-192 in.		---	---	---	---	---	---
174-180 in.		2574	---	---	---	---	2656
174-192 in.		---	---	---	---	---	---
180-184 in.		---	---	---	---	---	---
180-186 in.		2613	---	---	---	---	---
180-192 in.		---	---	---	---	---	---
184-192 in.		---	---	---	---	---	---
186-189 in.		---	---	---	---	---	---
186-190 in.		---	---	---	---	---	---
186-192 in.		NL	---	---	---	---	---
189-192 in.		---	---	---	---	---	---
190-192 in.		---	---	---	---	---	---
192-198 in.		---	---	---	---	---	---
192-216 in.		---	---	---	---	---	---
198-214 in.		---	---	---	---	---	---
214-220 in.		---	---	---	---	---	---
216-222 in.		---	---	---	---	---	---
216-240 in.		---	---	---	---	---	---
220-226 in.		---	---	---	---	---	---
222-228 in.		---	---	---	---	---	---
226-232 in.		---	---	---	---	---	---
228-234 in.		---	---	---	---	---	---
234-240 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-087 07/22/99 MD c/min	SB-088 07/22/99 MD c/min	SB-089 07/22/99 MD c/min	SB-090 07/22/99 MD c/min	SB-091 07/22/99 MD c/min	SB-092 07/23/99 MD c/min
0-3 in.		---	---	---	---	---	---
0-6 in.		2589	2634	2469	2524	2669	2649
3-6 in.		---	---	---	---	---	---
6-9 in.		---	---	---	---	---	---
6-12 in.		2602	2573	2584	2600	2689	2699
9-11 in.		---	---	---	---	---	---
9-12 in.		---	---	---	---	---	---
9-13 in.		---	---	---	---	---	---
12-14 in.		---	---	---	---	---	---
12-15 in.		---	---	---	---	---	---
12-18 in.		2526	2554	2556	2666	2585	2796
12-48 in.		---	---	---	---	---	---
15-18 in.		---	---	---	---	---	---
15-21 in.		---	---	---	---	---	---
18-21 in.		---	---	---	---	---	---
18-24 in.		2730	2478	2686	2637	2640	2669
18-48 in.		---	---	---	---	---	---
21-24 in.		---	---	---	---	---	---
21-27 in.		---	---	---	---	---	---
21-48 in.		---	---	---	---	---	---
24-28 in.		---	---	---	---	---	---
24-30 in.		2642	---	2478	2705	2617	2686
24-48 in.		---	NL	---	---	---	---
27-30 in.		---	---	---	---	---	---
28-48 in.		---	---	---	---	---	---
30-32 in.		---	---	---	---	---	---
30-33 in.		---	---	---	---	---	---
30-34 in.		---	---	---	---	---	---
30-36 in.		2680	---	2463	2701	2555	2651
30-48 in.		---	---	---	---	---	---
32-48 in.		---	---	---	---	---	---
33-37 in.		---	---	---	---	---	---
33-48 in.		---	---	---	---	---	---
34-36 in.		---	---	---	---	---	---
34-48 in.		---	---	---	---	---	---
36-38 in.		---	---	---	---	---	---
36-39 in.		---	---	---	---	---	2549
36-40 in.		---	---	---	---	---	---
36-41 in.		---	---	---	---	---	---
36-42 in.		2618	---	2485	2620	---	---
36-48 in.		---	---	---	---	NL	---
37-48 in.		---	---	---	---	---	---
38-46 in.		---	---	---	---	---	---
38-48 in.		---	---	---	---	---	---
39-42 in.		---	---	---	---	---	---
39-48 in.		---	---	---	---	---	NL
40-48 in.		---	---	---	---	---	---
41-48 in.		---	---	---	---	---	---
42-44 in.		---	---	---	---	---	---
42-45 in.		---	---	---	---	---	---
42-46 in.		---	---	---	---	---	---
42-48 in.		NL	---	NL	NL	---	---
44-48 in.		---	---	---	---	---	---
44-50 in.		---	---	---	---	---	---
45-48 in.		---	---	---	---	---	---
46-48 in.		---	---	---	---	---	---
46-52 in.		---	---	---	---	---	---
48-52 in.		---	---	---	---	---	---
48-54 in.		2617	2676	2501	2622	2561	2474
48-60 in.		---	---	---	---	---	---
48-89 in.		---	---	---	---	---	---
50-56 in.		---	---	---	---	---	---
52-58 in.		---	---	---	---	---	---
54-60 in.		2583	2600	2552	2549	2562	2627
56-62 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-087 07/22/99 MD c/min	SB-088 07/22/99 MD c/min	SB-089 07/22/99 MD c/min	SB-090 07/22/99 MD c/min	SB-091 07/22/99 MD c/min	SB-092 07/23/99 MD c/min
58-64 in.		---	---	---	---	---	---
60-64 in.		---	---	---	---	---	---
60-66 in.		2516	2631	2619	2573	2547	2458
60-96 in.		---	---	---	---	---	---
62-68 in.		---	---	---	---	---	---
64-70 in.		---	---	---	---	---	---
64-96 in.		---	---	---	---	---	---
66-69 in.		---	---	---	---	---	---
66-70 in.		---	---	---	---	---	---
66-72 in.		2610	2582	2650	2515	2641	2517
66-96 in.		---	---	---	---	---	---
68-74 in.		---	---	---	---	---	---
69-72 in.		---	---	---	---	---	---
70-76 in.		---	---	---	---	---	---
70-96 in.		---	---	---	---	---	---
72-74 in.		---	---	---	---	---	---
72-76 in.		---	---	---	---	---	---
72-78 in.		2586	2496	2634	2636	2676	2506
72-80 in.		---	---	---	---	---	---
72-84 in.		---	---	---	---	---	---
72-96 in.		---	---	---	---	---	---
74-80 in.		---	---	---	---	---	---
74-96 in.		---	---	---	---	---	---
76-82 in.		---	---	---	---	---	---
76-96 in.		---	---	---	---	---	---
78-81 in.		---	---	---	---	---	---
78-82 in.		---	---	---	---	---	---
78-84 in.		---	---	2587	---	2520	2493
78-96 in.		NL	NL	---	NL	---	---
80-86 in.		---	---	---	---	---	---
81-96 in.		---	---	---	---	---	---
82-88 in.		---	---	---	---	---	---
84-87 in.		---	---	---	---	---	---
84-88 in.		---	---	---	---	---	---
84-90 in.		---	---	2417	---	2588	2642
84-96 in.		---	---	---	---	---	---
86-88 in.		---	---	---	---	---	---
86-92 in.		---	---	---	---	---	---
87-96 in.		---	---	---	---	---	---
88-92 in.		---	---	---	---	---	---
88-96 in.		---	---	---	---	---	---
89-96 in.		---	---	---	---	---	---
90-92 in.		---	---	---	---	---	---
90-93 in.		---	---	---	---	---	---
90-94 in.		---	---	2592	---	---	2763
90-96 in.		---	---	---	---	NL	---
92-96 in.		---	---	---	---	---	---
92-98 in.		---	---	---	---	---	---
93-96 in.		---	---	---	---	---	---
94-96 in.		---	---	NL	---	---	NL
96-98 in.		---	---	---	---	---	---
96-102 in.		2519	2654	2628	2694	---	2513
96-144 in.		---	---	---	---	---	---
98-102 in.		---	---	---	---	---	---
98-104 in.		---	---	---	---	---	---
102-108 in.		2465	2563	2688	2623	---	2574
102-128 in.		---	---	---	---	---	---
104-110 in.		---	---	---	---	---	---
108-110 in.		---	---	---	---	---	---
108-112 in.		---	---	---	---	---	---
108-114 in.		2553	2579	2686	2660	---	2485
108-132 in.		---	---	---	---	---	---
108-144 in.		---	---	---	---	---	---
110-116 in.		---	---	---	---	---	---
114-116 in.		---	---	---	---	---	---

NOTES: NL - not logged.

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Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-087 07/22/99 MD c/min	SB-088 07/22/99 MD c/min	SB-089 07/22/99 MD c/min	SB-090 07/22/99 MD c/min	SB-091 07/22/99 MD c/min	SB-092 07/23/99 MD c/min
114-117 in.		---	---	---	---	---	---
114-120 in.		2571	2507	2601	2647	---	2510
114-144 in.		---	---	---	---	---	---
116-122 in.		---	---	---	---	---	---
116-144 in.		---	---	---	---	---	---
120-123 in.		---	---	---	---	---	---
120-126 in.		2475	2630	2728	---	---	2510
120-144 in.		---	---	---	NL	---	---
122-128 in.		---	---	---	---	---	---
123-144 in.		---	---	---	---	---	---
126-130 in.		---	---	---	---	---	---
126-132 in.		2496	2679	2665	---	---	2486
126-144 in.		---	---	---	---	---	---
128-132 in.		---	---	---	---	---	---
130-144 in.		---	---	---	---	---	---
132-134 in.		---	---	---	---	---	---
132-135 in.		---	---	---	---	---	---
132-136 in.		---	---	---	---	---	---
132-138 in.		2515	2731	2815	---	---	2446
132-144 in.		---	---	---	---	---	---
134-144 in.		---	---	---	---	---	---
135-144 in.		---	---	---	---	---	---
136-142 in.		---	---	---	---	---	---
138-141 in.		---	---	---	---	---	---
138-142 in.		---	2561	---	---	---	---
138-144 in.		2638	---	2747	---	---	2424
141-144 in.		---	---	---	---	---	---
142-144 in.		---	NL	---	---	---	---
142-148 in.		---	---	---	---	---	---
144-150 in.		2578	2457	2613	2760	2578	2516
144-168 in.		---	---	---	---	---	---
148-154 in.		---	---	---	---	---	---
150-156 in.		2581	2516	2657	2660	2533	2549
154-162 in.		---	---	---	---	---	---
156-160 in.		---	---	---	---	2506	---
156-162 in.		2595	2586	2777	2583	---	2551
160-162 in.		---	---	---	---	NL	---
160-166 in.		---	---	---	---	---	---
162-168 in.		2496	2432	2825	2577	---	2528
166-192 in.		---	---	---	---	---	---
168-174 in.		2503	2492	2738	---	2543	2477
168-192 in.		---	---	---	---	---	---
174-180 in.		2630	2561	2725	---	2509	2547
174-192 in.		---	---	---	---	---	---
180-184 in.		---	---	---	---	---	---
180-186 in.		---	2543	2695	---	2577	2503
180-192 in.		---	---	---	---	---	---
184-192 in.		---	---	---	---	---	---
186-189 in.		---	---	---	---	---	---
186-190 in.		---	---	---	---	---	---
186-192 in.		---	2573	2713	---	2523	2527
189-192 in.		---	---	---	---	---	---
190-192 in.		---	---	---	---	---	---
192-198 in.		---	---	---	---	---	---
192-216 in.		---	---	---	---	---	---
198-214 in.		---	---	---	---	---	---
214-220 in.		---	---	---	---	---	---
216-222 in.		---	---	---	---	---	---
216-240 in.		---	---	---	---	---	---
220-226 in.		---	---	---	---	---	---
222-228 in.		---	---	---	---	---	---
226-232 in.		---	---	---	---	---	---
228-234 in.		---	---	---	---	---	---
234-240 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
BK - Background, DPW - Department of Public Works.

Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-093 07/23/99 MD c/min	SB-094 07/23/99 MD c/min	SB-095 07/23/99 MD c/min	SB-096 07/23/99 MD c/min	SB-097 07/23/99 GD c/min	SB-098 08/09/99 MD c/min
0-3 in.		---	---	---	---	---	---
0-6 in.		2515	2393	2475	2609	2528	4310
3-6 in.		---	---	---	---	---	---
6-9 in.		---	---	---	---	---	---
6-12 in.		2666	2683	2698	2476	2701	7955
9-11 in.		---	---	---	---	---	---
9-12 in.		---	---	---	---	---	---
9-13 in.		---	---	---	---	---	---
12-14 in.		---	---	---	---	---	---
12-15 in.		---	---	---	---	---	---
12-18 in.		2922	2709	2627	2574	2599	41722
12-48 in.		---	---	---	---	---	---
15-18 in.		---	---	---	---	---	---
15-21 in.		---	---	---	---	---	---
18-21 in.		---	---	---	---	---	---
18-24 in.		2803	2549	2665	2672	2616	12827
18-48 in.		---	---	---	---	---	---
21-24 in.		---	---	---	---	---	---
21-27 in.		---	---	---	---	---	---
21-48 in.		---	---	---	---	---	---
24-28 in.		---	---	---	---	---	---
24-30 in.		2814	2725	2623	2586	2493	5113
24-48 in.		---	---	---	---	---	---
27-30 in.		---	---	---	---	---	---
28-48 in.		---	---	---	---	---	---
30-32 in.		---	---	---	---	---	---
30-33 in.		---	---	---	---	---	---
30-34 in.		---	---	---	---	---	---
30-36 in.		2729	2671	2627	2519	2641	4071
30-48 in.		---	---	---	---	---	---
32-48 in.		---	---	---	---	---	---
33-37 in.		---	---	---	---	---	---
33-48 in.		---	---	---	---	---	---
34-36 in.		---	---	---	---	---	---
34-48 in.		---	---	---	---	---	---
36-38 in.		---	---	---	---	---	---
36-39 in.		---	---	---	---	---	---
36-40 in.		---	---	2561	---	---	---
36-41 in.		---	---	---	---	---	---
36-42 in.		---	2538	---	---	2421	3646
36-48 in.	NL	---	---	---	NL	---	---
37-48 in.		---	---	---	---	---	---
38-46 in.		---	---	---	---	---	---
38-48 in.		---	---	---	---	---	---
39-42 in.		---	---	---	---	---	---
39-48 in.		---	---	---	---	---	---
40-48 in.		---	---	NL	---	---	---
41-48 in.		---	---	---	---	---	---
42-44 in.		---	---	---	---	---	---
42-45 in.		---	---	---	---	---	---
42-46 in.		---	---	---	---	---	3571
42-48 in.		---	NL	---	---	NL	---
44-48 in.		---	---	---	---	---	---
44-50 in.		---	---	---	---	---	---
45-48 in.		---	---	---	---	---	---
46-48 in.		---	---	---	---	---	NL
46-52 in.		---	---	---	---	---	---
48-52 in.		---	---	---	---	---	---
48-54 in.		2742	2639	2576	NL	2493	3391
48-60 in.		---	---	---	---	---	---
48-89 in.		---	---	---	---	---	---
50-56 in.		---	---	---	---	---	---
52-58 in.		---	---	---	---	---	---
54-60 in.		2624	2547	2535	2457	2709	3269
56-62 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-093 07/23/99 MD c/min	SB-094 07/23/99 MD c/min	SB-095 07/23/99 MD c/min	SB-096 07/23/99 MD c/min	SB-097 07/23/99 GD c/min	SB-098 08/09/99 MD c/min
58-64 in.		---	---	---	---	---	---
60-64 in.		---	---	---	---	---	---
60-66 in.		2608	2593	2528	2583	2704	3192
60-96 in.		---	---	---	---	---	---
62-68 in.		---	---	---	---	---	---
64-70 in.		---	---	---	---	---	---
64-96 in.		---	---	---	---	---	---
66-69 in.		---	---	---	---	---	---
66-70 in.		---	---	---	---	2567	---
66-72 in.		2615	2540	2411	2441	---	3185
66-96 in.		---	---	---	---	---	---
68-74 in.		---	---	---	---	---	---
69-72 in.		---	---	---	---	---	---
70-76 in.		---	---	---	---	---	---
70-96 in.		---	---	---	---	NL	---
72-74 in.		---	---	---	---	---	---
72-76 in.		---	---	---	---	---	---
72-78 in.		2667	2628	2588	2449	---	3291
72-80 in.		---	---	---	---	---	---
72-84 in.		---	---	---	---	---	---
72-96 in.		---	---	---	---	---	---
74-80 in.		---	---	---	---	---	---
74-96 in.		---	---	---	---	---	---
76-82 in.		---	---	---	---	---	---
76-96 in.		---	---	---	---	---	---
78-81 in.		---	---	---	---	---	---
78-82 in.		---	---	---	---	---	---
78-84 in.		2611	2658	2463	2418	---	3300
78-96 in.		---	---	---	---	---	---
80-86 in.		---	---	---	---	---	---
81-96 in.		---	---	---	---	---	---
82-88 in.		---	---	---	---	---	---
84-87 in.		---	---	---	---	---	---
84-88 in.		---	---	---	---	---	---
84-90 in.		2606	2533	2537	---	---	3161
84-96 in.		---	---	---	---	---	---
86-88 in.		---	---	---	---	---	---
86-92 in.		---	---	---	---	---	---
87-96 in.		---	---	---	---	---	---
88-92 in.		---	---	---	---	---	---
88-96 in.		---	---	---	---	---	---
89-96 in.		---	---	---	---	---	---
90-92 in.		---	---	---	---	---	---
90-93 in.		---	---	---	---	---	---
90-94 in.		2590	2457	---	---	---	---
90-96 in.		---	---	NL	---	---	NL
92-96 in.		---	---	---	---	---	---
92-98 in.		---	---	---	---	---	---
93-96 in.		---	---	---	---	---	---
94-96 in.		NL	NL	---	---	---	---
96-98 in.		---	---	---	---	---	---
96-102 in.		2665	---	---	---	2629	3376
96-144 in.		---	---	---	---	---	---
98-102 in.		---	---	---	---	---	---
98-104 in.		---	---	---	---	---	---
102-108 in.		2743	---	---	---	2723	3216
102-128 in.		---	---	---	---	---	---
104-110 in.		---	---	---	---	---	---
108-110 in.		---	---	---	---	---	---
108-112 in.		---	---	---	---	---	---
108-114 in.		2665	---	---	---	2777	3372
108-132 in.		---	---	---	---	---	---
108-144 in.		---	---	---	---	---	---
110-116 in.		---	---	---	---	---	---
114-116 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Table 4b
GTE Operations Support Incorporated
 Former Sylvania Electric Products Facility - Hicksville, NY
 Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-093 07/23/99 MD c/min	SB-094 07/23/99 MD c/min	SB-095 07/23/99 MD c/min	SB-096 07/23/99 MD c/min	SB-097 07/23/99 GD c/min	SB-098 08/09/99 MD c/min
114-117 in.		---	---	---	---	---	---
114-120 in.		2646	---	---	---	2671	3232
114-144 in.		---	---	---	---	---	---
116-122 in.		---	---	---	---	---	---
116-144 in.		---	---	---	---	---	---
120-123 in.		---	---	---	---	---	---
120-126 in.		2641	---	---	---	---	3169
120-144 in.		---	---	---	---	NL	---
122-128 in.		---	---	---	---	---	---
123-144 in.		---	---	---	---	---	---
126-130 in.		---	---	---	---	---	---
126-132 in.		2523	---	---	---	---	---
126-144 in.		---	---	---	---	---	NL
128-132 in.		---	---	---	---	---	---
130-144 in.		---	---	---	---	---	---
132-134 in.		---	---	---	---	---	---
132-135 in.		---	---	---	---	---	---
132-136 in.		---	---	---	---	---	---
132-138 in.		2629	---	---	---	---	---
132-144 in.		---	---	---	---	---	---
134-144 in.		---	---	---	---	---	---
135-144 in.		---	---	---	---	---	---
136-142 in.		---	---	---	---	---	---
138-141 in.		---	---	---	---	---	---
138-142 in.		---	---	---	---	---	---
138-144 in.		2539	---	---	---	---	---
141-144 in.		---	---	---	---	---	---
142-144 in.		---	---	---	---	---	---
142-148 in.		---	---	---	---	---	---
144-150 in.		2630	---	---	---	2536	---
144-168 in.		---	---	---	---	---	---
148-154 in.		---	---	---	---	---	---
150-156 in.		2446	---	---	---	2515	---
154-162 in.		---	---	---	---	---	---
156-160 in.		---	---	---	---	---	---
156-162 in.		2502	---	---	---	2543	---
160-162 in.		---	---	---	---	---	---
160-166 in.		---	---	---	---	---	---
162-168 in.		2536	---	---	---	2540	---
166-192 in.		---	---	---	---	---	---
168-174 in.		2539	---	---	---	2553	---
168-192 in.		---	---	---	---	---	---
174-180 in.		2450	---	---	---	2505	---
174-192 in.		---	---	---	---	---	---
180-184 in.		---	---	---	---	---	---
180-186 in.		2545	---	---	---	2570	---
180-192 in.		---	---	---	---	---	---
184-192 in.		---	---	---	---	---	---
186-189 in.		---	---	---	---	---	---
186-190 in.		---	---	---	---	---	---
186-192 in.		2393	---	---	---	2622	---
189-192 in.		---	---	---	---	---	---
190-192 in.		---	---	---	---	---	---
192-198 in.		---	---	---	---	---	---
192-216 in.		---	---	---	---	---	---
198-214 in.		---	---	---	---	---	---
214-220 in.		---	---	---	---	---	---
216-222 in.		---	---	---	---	---	---
216-240 in.		---	---	---	---	---	---
220-226 in.		---	---	---	---	---	---
222-228 in.		---	---	---	---	---	---
226-232 in.		---	---	---	---	---	---
228-234 in.		---	---	---	---	---	---
234-240 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.



Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Sample ID Sample Date Property * Excavation Area Units	SB-099 08/09/99 MD c/min	SB-100 08/09/99 MD c/min	SB-101A 08/09/99 MD c/min	SB-101B 08/09/99 MD c/min	SB-102 08/09/99 MD c/min	SB-103 08/09/99 MD c/min
Depth						
0-3 in.	---	---	---	---	---	---
0-6 in.	3486	3379	3500	3477	3357	3331
3-6 in.	---	---	---	---	---	---
6-9 in.	---	---	---	---	---	---
6-12 in.	3927	3620	4042	3713	3730	3502
9-11 in.	---	---	---	---	---	---
9-12 in.	---	---	---	---	---	---
9-13 in.	---	---	---	---	---	---
12-14 in.	---	---	---	---	---	---
12-15 in.	---	---	---	---	---	---
12-18 in.	3554	4272	4621	3706	4073	3414
12-48 in.	---	---	---	---	---	---
15-18 in.	---	---	---	---	---	---
15-21 in.	---	---	---	---	---	---
18-21 in.	---	---	---	---	---	---
18-24 in.	3669	4429	4140	3588	4524	3575
18-48 in.	---	---	---	---	---	---
21-24 in.	---	---	---	---	---	---
21-27 in.	---	---	---	---	---	---
21-48 in.	---	---	---	---	---	---
24-28 in.	---	---	---	---	---	---
24-30 in.	3713	3625	3679	3525	4623	3457
24-48 in.	---	---	---	---	---	---
27-30 in.	---	---	---	---	---	---
28-48 in.	---	---	---	---	---	---
30-32 in.	---	---	---	---	---	---
30-33 in.	---	---	---	---	---	---
30-34 in.	---	---	---	---	---	3164
30-36 in.	3668	3497	3475	3477	4085	---
30-48 in.	---	---	---	---	---	---
32-48 in.	---	---	---	---	---	---
33-37 in.	---	---	---	---	---	---
33-48 in.	---	---	---	---	---	---
34-36 in.	---	---	---	---	---	---
34-48 in.	---	---	---	---	---	NL
36-38 in.	---	---	---	---	---	---
36-39 in.	---	---	---	---	---	---
36-40 in.	---	---	---	---	---	---
36-41 in.	---	---	---	---	---	---
36-42 in.	3327	3339	3407	3347	---	---
36-48 in.	---	---	---	---	NL	---
37-48 in.	---	---	---	---	---	---
38-46 in.	---	---	---	---	---	---
38-48 in.	---	---	---	---	---	---
39-42 in.	---	---	---	---	---	---
39-48 in.	---	---	---	---	---	---
40-48 in.	---	---	---	---	---	---
41-48 in.	---	---	---	---	---	---
42-44 in.	---	---	---	---	---	---
42-45 in.	---	---	---	---	---	---
42-46 in.	---	---	---	3347	---	---
42-48 in.	NL	NL	3407	---	---	---
44-48 in.	---	---	---	---	---	---
44-50 in.	---	---	---	---	---	---
45-48 in.	---	---	---	---	---	---
46-48 in.	---	---	---	NL	---	---
46-52 in.	---	---	---	---	---	---
48-52 in.	---	---	---	---	---	---
48-54 in.	3476	3675	---	---	5196	3356
48-60 in.	---	---	---	---	---	---
48-89 in.	---	---	---	---	---	---
50-56 in.	---	---	---	---	---	---
52-58 in.	---	---	---	---	---	---
54-60 in.	3845	3861	---	---	4321	3310
56-62 in.	---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
BK - Background, DPW - Department of Public Works.



Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Gamma Data

Sample ID Sample Date Property * Excavation Area Units	SB-099 08/09/99 MD c/min	SB-100 08/09/99 MD c/min	SB-101A 08/09/99 MD c/min	SB-101B 08/09/99 MD c/min	SB-102 08/09/99 MD c/min	SB-103 08/09/99 MD c/min
Depth						
58-64 in.	---	---	---	---	---	---
60-64 in.	---	---	---	---	---	---
60-66 in.	3707	3507	---	---	3587	3292
60-96 in.	---	---	---	---	---	---
62-68 in.	---	---	---	---	---	---
64-70 in.	---	---	---	---	---	---
64-96 in.	---	---	---	---	---	---
66-69 in.	---	---	---	---	---	---
66-70 in.	---	---	---	---	---	---
66-72 in.	3898	3360	---	---	3388	3097
66-96 in.	---	---	---	---	---	---
68-74 in.	---	---	---	---	---	---
69-72 in.	---	---	---	---	---	---
70-76 in.	---	---	---	---	---	---
70-96 in.	---	---	---	---	---	---
72-74 in.	---	---	---	---	---	---
72-76 in.	---	---	---	---	---	---
72-78 in.	3303	3294	---	---	3427	3228
72-80 in.	---	---	---	---	---	---
72-84 in.	---	---	---	---	---	---
72-96 in.	---	---	---	---	---	---
74-80 in.	---	---	---	---	---	---
74-96 in.	---	---	---	---	---	---
76-82 in.	---	---	---	---	---	---
76-96 in.	---	---	---	---	---	---
78-81 in.	---	---	---	---	---	---
78-82 in.	---	---	---	---	---	---
78-84 in.	---	3402	---	---	3478	3229
78-96 in.	NL	---	---	---	---	---
80-86 in.	---	---	---	---	---	---
81-96 in.	---	---	---	---	---	---
82-88 in.	---	---	---	---	---	---
84-87 in.	---	---	---	---	---	---
84-88 in.	---	---	---	---	---	---
84-90 in.	---	3323	---	---	3247	3198
84-96 in.	---	---	---	---	---	---
86-88 in.	---	---	---	---	---	---
86-92 in.	---	---	---	---	---	---
87-96 in.	---	---	---	---	---	---
88-92 in.	---	---	---	---	---	---
88-96 in.	---	---	---	---	---	---
89-96 in.	---	---	---	---	---	---
90-92 in.	---	---	---	---	---	---
90-93 in.	---	---	---	---	---	---
90-94 in.	---	---	---	---	---	---
90-96 in.	---	NL	---	---	NL	NL
92-96 in.	---	---	---	---	---	---
92-98 in.	---	---	---	---	---	---
93-96 in.	---	---	---	---	---	---
94-96 in.	---	---	---	---	---	---
96-98 in.	---	---	---	---	---	---
96-102 in.	---	---	---	---	---	3370
96-144 in.	---	---	---	---	---	---
98-102 in.	---	---	---	---	---	---
98-104 in.	---	---	---	---	---	---
102-108 in.	---	---	---	---	---	3335
102-128 in.	---	---	---	---	---	---
104-110 in.	---	---	---	---	---	---
108-110 in.	---	---	---	---	---	---
108-112 in.	---	---	---	---	---	---
108-114 in.	---	---	---	---	---	3442
108-132 in.	---	---	---	---	---	---
108-144 in.	---	---	---	---	---	---
110-116 in.	---	---	---	---	---	---
114-116 in.	---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
BK - Background, DPW - Department of Public Works.



Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-099 08/09/99 MD c/min	SB-100 08/09/99 MD c/min	SB-101A 08/09/99 MD c/min	SB-101B 08/09/99 MD c/min	SB-102 08/09/99 MD c/min	SB-103 08/09/99 MD c/min
114-117 in.		---	---	---	---	---	---
114-120 in.		---	---	---	---	---	3230
114-144 in.		---	---	---	---	---	---
116-122 in.		---	---	---	---	---	---
116-144 in.		---	---	---	---	---	---
120-123 in.		---	---	---	---	---	---
120-126 in.		---	---	---	---	---	3345
120-144 in.		---	---	---	---	---	---
122-128 in.		---	---	---	---	---	---
123-144 in.		---	---	---	---	---	---
126-130 in.		---	---	---	---	---	---
126-132 in.		---	---	---	---	---	3220
126-144 in.		---	---	---	---	---	---
128-132 in.		---	---	---	---	---	---
130-144 in.		---	---	---	---	---	---
132-134 in.		---	---	---	---	---	---
132-135 in.		---	---	---	---	---	---
132-136 in.		---	---	---	---	---	---
132-138 in.		---	---	---	---	---	---
132-144 in.		---	---	---	---	---	NL
134-144 in.		---	---	---	---	---	---
135-144 in.		---	---	---	---	---	---
136-142 in.		---	---	---	---	---	---
138-141 in.		---	---	---	---	---	---
138-142 in.		---	---	---	---	---	---
138-144 in.		---	---	---	---	---	---
141-144 in.		---	---	---	---	---	---
142-144 in.		---	---	---	---	---	---
142-148 in.		---	---	---	---	---	---
144-150 in.		---	---	---	---	---	---
144-168 in.		---	---	---	---	---	---
148-154 in.		---	---	---	---	---	---
150-156 in.		---	---	---	---	---	---
154-162 in.		---	---	---	---	---	---
156-160 in.		---	---	---	---	---	---
156-162 in.		---	---	---	---	---	---
160-162 in.		---	---	---	---	---	---
160-166 in.		---	---	---	---	---	---
162-168 in.		---	---	---	---	---	---
166-192 in.		---	---	---	---	---	---
168-174 in.		---	---	---	---	---	---
168-192 in.		---	---	---	---	---	---
174-180 in.		---	---	---	---	---	---
174-192 in.		---	---	---	---	---	---
180-184 in.		---	---	---	---	---	---
180-186 in.		---	---	---	---	---	---
180-192 in.		---	---	---	---	---	---
184-192 in.		---	---	---	---	---	---
186-189 in.		---	---	---	---	---	---
186-190 in.		---	---	---	---	---	---
186-192 in.		---	---	---	---	---	---
189-192 in.		---	---	---	---	---	---
190-192 in.		---	---	---	---	---	---
192-198 in.		---	---	---	---	---	---
192-216 in.		---	---	---	---	---	---
198-214 in.		---	---	---	---	---	---
214-220 in.		---	---	---	---	---	---
216-222 in.		---	---	---	---	---	---
216-240 in.		---	---	---	---	---	---
220-226 in.		---	---	---	---	---	---
222-228 in.		---	---	---	---	---	---
226-232 in.		---	---	---	---	---	---
228-234 in.		---	---	---	---	---	---
234-240 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
BK - Background, DPW - Department of Public Works.

Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-104 08/10/99 MD c/min	SB-105 08/10/99 GD Area 3B c/min	SB-106 08/10/99 GD c/min	SB-107 08/10/99 GD c/min	SB-108 08/10/99 GD Area 3B c/min	SB-109 08/10/99 GD c/min
0-3 in.							
0-6 in.		4222	4074	4141	4154	4633	4380
3-6 in.							
6-9 in.							
6-12 in.		4683	4709	4643	4325	8866	4450
9-11 in.							
9-12 in.							
9-13 in.							
12-14 in.							
12-15 in.							
12-18 in.		4439	4750	4673	4287	5826	4373
12-48 in.							
15-18 in.							
15-21 in.							
18-21 in.							
18-24 in.		4422	5391	5355	4400	4764	4315
18-48 in.							
21-24 in.							
21-27 in.							
21-48 in.							
24-28 in.							
24-30 in.		4253	5411	5251	4339	4696	4320
24-48 in.							
27-30 in.							
28-48 in.							
30-32 in.							
30-33 in.							
30-34 in.							
30-36 in.		4367	5977	5610	4345	4846	4375
30-48 in.							
32-48 in.							
33-37 in.							
33-48 in.							
34-36 in.							
34-48 in.							
36-38 in.							
36-39 in.							
36-40 in.			5065				
36-41 in.							
36-42 in.		4149		5163	4235	5614	4442
36-48 in.							
37-48 in.							
38-46 in.							
38-48 in.							
39-42 in.							
39-48 in.							
40-48 in.			NL				
41-48 in.							
42-44 in.							
42-45 in.							
42-46 in.		4317			4357		
42-48 in.				NL		NL	NL
44-48 in.							
44-50 in.							
45-48 in.							
46-48 in.		NL			NL		
46-52 in.							
48-52 in.							
48-54 in.			15182	4476	4227	4838	4490
48-60 in.		4331					
48-89 in.							
50-56 in.							
52-58 in.							
54-60 in.			85625	4511	4524	5390	4375
56-62 in.							

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.



Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SB-104 08/10/99 MD c/min	SB-105 08/10/99 GD Area 3B c/min	SB-106 08/10/99 GD c/min	SB-107 08/10/99 GD c/min	SB-108 08/10/99 GD Area 3B c/min	SB-109 08/10/99 GD c/min
58-64 in.		---	---	---	---	---	---
60-64 in.		---	---	---	---	---	---
60-66 in.		4339	94645	4997	4104	4918	4425
60-96 in.		---	---	---	---	---	---
62-68 in.		---	---	---	---	---	---
64-70 in.		---	---	---	---	---	---
64-96 in.		---	---	---	---	---	---
66-69 in.		---	---	---	---	---	---
66-70 in.		---	---	---	---	---	---
66-72 in.		4329	13492	4651	4361	4888	4340
66-96 in.		---	---	---	---	---	---
68-74 in.		---	---	---	---	---	---
69-72 in.		---	---	---	---	---	---
70-76 in.		---	---	---	---	---	---
70-96 in.		---	---	---	---	---	---
72-74 in.		---	---	---	---	---	---
72-76 in.		---	---	---	---	---	---
72-78 in.		4275	6691	---	4488	4844	4250
72-80 in.		---	---	---	---	---	---
72-84 in.		---	---	---	---	---	---
72-96 in.		---	---	---	---	---	---
74-80 in.		---	---	---	---	---	---
74-96 in.		---	---	---	---	---	---
76-82 in.		---	---	---	---	---	---
76-96 in.		---	---	---	---	---	---
78-81 in.		---	---	---	---	---	---
78-82 in.		---	---	---	---	---	---
78-84 in.		4341	---	---	4949	4526	4207
78-96 in.		---	NL	---	---	---	---
80-86 in.		---	---	---	---	---	---
81-96 in.		---	---	---	---	---	---
82-88 in.		---	---	---	---	---	---
84-87 in.		---	---	---	---	---	---
84-88 in.		---	---	---	---	---	---
84-90 in.		4256	---	---	4741	4477	4456
84-96 in.		---	---	---	---	---	---
86-88 in.		---	---	---	---	---	---
86-92 in.		---	---	---	---	---	---
87-96 in.		---	---	---	---	---	---
88-92 in.		---	---	---	---	---	---
88-96 in.		---	---	---	---	---	---
89-96 in.		---	---	---	---	---	---
90-92 in.		---	---	---	---	---	---
90-93 in.		---	---	---	---	---	---
90-94 in.		---	---	---	---	---	---
90-96 in.		NL	---	---	NL	NL	NL
92-96 in.		---	---	---	---	---	---
92-98 in.		---	---	---	---	---	---
93-96 in.		---	---	---	---	---	---
94-96 in.		---	---	---	---	---	---
96-98 in.		---	---	---	---	---	---
96-102 in.		---	---	---	---	---	---
96-144 in.		---	---	---	---	---	---
98-102 in.		---	---	---	---	---	---
98-104 in.		---	---	---	---	---	---
102-108 in.		---	---	---	---	---	---
102-128 in.		---	---	---	---	---	---
104-110 in.		---	---	---	---	---	---
108-110 in.		---	---	---	---	---	---
108-112 in.		---	---	---	---	---	---
108-114 in.		---	---	---	---	---	---
108-132 in.		---	---	---	---	---	---
108-144 in.		---	---	---	---	---	---
110-116 in.		---	---	---	---	---	---
14-116 in.		---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
BK - Background, DPW - Department of Public Works.



Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening

Gamma Data

Sample ID Sample Date Property * Excavation Area Units	SB-104 08/10/99 MD c/min	SB-105 08/10/99 GD Area 3B c/min	SB-106 08/10/99 GD c/min	SB-107 08/10/99 GD c/min	SB-108 08/10/99 GD Area 3B c/min	SB-109 08/10/99 GD c/min
Depth						
114-117 in.	---	---	---	---	---	---
114-120 in.	---	---	---	---	---	---
114-144 in.	---	---	---	---	---	---
116-122 in.	---	---	---	---	---	---
116-144 in.	---	---	---	---	---	---
120-123 in.	---	---	---	---	---	---
120-126 in.	---	---	---	---	---	---
120-144 in.	---	---	---	---	---	---
122-128 in.	---	---	---	---	---	---
123-144 in.	---	---	---	---	---	---
126-130 in.	---	---	---	---	---	---
126-132 in.	---	---	---	---	---	---
126-144 in.	---	---	---	---	---	---
128-132 in.	---	---	---	---	---	---
130-144 in.	---	---	---	---	---	---
132-134 in.	---	---	---	---	---	---
132-135 in.	---	---	---	---	---	---
132-136 in.	---	---	---	---	---	---
132-138 in.	---	---	---	---	---	---
132-144 in.	---	---	---	---	---	---
134-144 in.	---	---	---	---	---	---
135-144 in.	---	---	---	---	---	---
136-142 in.	---	---	---	---	---	---
138-141 in.	---	---	---	---	---	---
138-142 in.	---	---	---	---	---	---
138-144 in.	---	---	---	---	---	---
141-144 in.	---	---	---	---	---	---
142-144 in.	---	---	---	---	---	---
142-148 in.	---	---	---	---	---	---
144-150 in.	---	---	---	---	---	---
144-168 in.	---	---	---	---	---	---
148-154 in.	---	---	---	---	---	---
150-156 in.	---	---	---	---	---	---
154-162 in.	---	---	---	---	---	---
156-160 in.	---	---	---	---	---	---
156-162 in.	---	---	---	---	---	---
160-162 in.	---	---	---	---	---	---
160-166 in.	---	---	---	---	---	---
162-168 in.	---	---	---	---	---	---
166-192 in.	---	---	---	---	---	---
168-174 in.	---	---	---	---	---	---
168-192 in.	---	---	---	---	---	---
174-180 in.	---	---	---	---	---	---
174-192 in.	---	---	---	---	---	---
180-184 in.	---	---	---	---	---	---
180-186 in.	---	---	---	---	---	---
180-192 in.	---	---	---	---	---	---
184-192 in.	---	---	---	---	---	---
186-189 in.	---	---	---	---	---	---
186-190 in.	---	---	---	---	---	---
186-192 in.	---	---	---	---	---	---
189-192 in.	---	---	---	---	---	---
190-192 in.	---	---	---	---	---	---
192-198 in.	---	---	---	---	---	---
192-216 in.	---	---	---	---	---	---
198-214 in.	---	---	---	---	---	---
214-220 in.	---	---	---	---	---	---
216-222 in.	---	---	---	---	---	---
216-240 in.	---	---	---	---	---	---
220-226 in.	---	---	---	---	---	---
222-228 in.	---	---	---	---	---	---
226-232 in.	---	---	---	---	---	---
228-234 in.	---	---	---	---	---	---
234-240 in.	---	---	---	---	---	---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
BK - Background, DPW - Department of Public Works.

Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SG-001 07/09/99 AT c/min
0-3 in.		---
0-6 in.		2264
3-6 in.		---
6-9 in.		---
6-12 in.		2132
9-11 in.		---
9-12 in.		---
9-13 in.		---
12-14 in.		---
12-15 in.		---
12-18 in.		2224
12-48 in.		---
15-18 in.		---
15-21 in.		---
18-21 in.		---
18-24 in.		2244
18-48 in.		---
21-24 in.		---
21-27 in.		---
21-48 in.		---
24-28 in.		---
24-30 in.		2322
24-48 in.		---
27-30 in.		---
28-48 in.		---
30-32 in.		---
30-33 in.		---
30-34 in.		---
30-36 in.		2216
30-48 in.		---
32-48 in.		---
33-37 in.		---
33-48 in.		---
34-36 in.		---
34-48 in.		---
36-38 in.		---
36-39 in.		---
36-40 in.		---
36-41 in.		---
36-42 in.		2246
36-48 in.		---
37-48 in.		---
38-46 in.		---
38-48 in.		---
39-42 in.		---
39-48 in.		---
40-48 in.		---
41-48 in.		---
42-44 in.		---
42-45 in.		---
42-46 in.		2256
42-48 in.		---
44-48 in.		---
44-50 in.		---
45-48 in.		---
46-48 in.		NL
46-52 in.		---
48-52 in.		---
48-54 in.		---
48-60 in.		---
48-89 in.		---
50-56 in.		---
52-58 in.		---
54-60 in.		---
56-62 in.		---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.



Table 4b
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Core Radiation Field Screening
Gamma Data

Depth	Sample ID Sample Date Property * Excavation Area Units	SG-001 07/09/99 AT c/min
58-64 in.		---
60-64 in.		---
60-66 in.		---
60-96 in.		---
62-68 in.		---
64-70 in.		---
64-96 in.		---
66-69 in.		---
66-70 in.		---
66-72 in.		---
66-96 in.		---
68-74 in.		---
69-72 in.		---
70-76 in.		---
70-96 in.		---
72-74 in.		---
72-76 in.		---
72-78 in.		---
72-80 in.		---
72-84 in.		---
72-96 in.		---
74-80 in.		---
74-96 in.		---
76-82 in.		---
76-96 in.		---
78-81 in.		---
78-82 in.		---
78-84 in.		---
78-96 in.		---
80-86 in.		---
81-96 in.		---
82-88 in.		---
84-87 in.		---
84-88 in.		---
84-90 in.		---
84-96 in.		---
86-88 in.		---
86-92 in.		---
87-96 in.		---
88-92 in.		---
88-96 in.		---
89-96 in.		---
90-92 in.		---
90-93 in.		---
90-94 in.		---
90-96 in.		---
92-96 in.		---
92-98 in.		---
93-96 in.		---
94-96 in.		---
96-98 in.		---
96-102 in.		---
96-144 in.		---
98-102 in.		---
98-104 in.		---
102-108 in.		---
102-128 in.		---
104-110 in.		---
108-110 in.		---
108-112 in.		---
108-114 in.		---
108-132 in.		---
108-144 in.		---
110-116 in.		---
114-116 in.		---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
BK - Background, DPW - Department of Public Works.

Depth	Sample ID Sample Date Property * Excavation Area Units	SG-001 07/09/99 AT c/min
114-117 in.		---
114-120 in.		---
114-144 in.		---
116-122 in.		---
116-144 in.		---
120-123 in.		---
120-126 in.		---
120-144 in.		---
122-128 in.		---
123-144 in.		---
126-130 in.		---
126-132 in.		---
126-144 in.		---
128-132 in.		---
130-144 in.		---
132-134 in.		---
132-135 in.		---
132-136 in.		---
132-138 in.		---
132-144 in.		---
134-144 in.		---
135-144 in.		---
136-142 in.		---
138-141 in.		---
138-142 in.		---
138-144 in.		---
141-144 in.		---
142-144 in.		---
142-148 in.		---
144-150 in.		---
144-168 in.		---
148-154 in.		---
150-156 in.		---
154-162 in.		---
156-160 in.		---
156-162 in.		---
160-162 in.		---
160-166 in.		---
162-168 in.		---
166-192 in.		---
168-174 in.		---
168-192 in.		---
174-180 in.		---
174-192 in.		---
180-184 in.		---
180-186 in.		---
180-192 in.		---
184-192 in.		---
186-189 in.		---
186-190 in.		---
186-192 in.		---
189-192 in.		---
190-192 in.		---
192-198 in.		---
192-216 in.		---
198-214 in.		---
214-220 in.		---
216-222 in.		---
216-240 in.		---
220-226 in.		---
222-228 in.		---
226-232 in.		---
228-234 in.		---
234-240 in.		---

NOTES: NL - not logged.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course,
 BK - Background, DPW - Department of Public Works.

Air techniques soil boring description

Air Techniques Soil Boring Description

Former Sylvania Electric Products Incorporated Facility Hicksville, New York

Boring	Basis for Location	Property
SB-001	Evaluate subsurface conditions within the footprint of the historic Special Nuclear Material Storage 1 building.	Air Techniques, Inc.
SB-002	Evaluate subsurface conditions within the footprint of the former isostatic pressing building, adjacent to a drywell that once may have been in the building.	Air Techniques, Inc.
SB-003	Evaluate subsurface conditions within the footprint of historic recharge basin 1 and 2 immediately downgradient of several former underground structures located on Magazine Distributors. SB-003 was also aligned between MW-01 and MW-02.	Air Techniques, Inc.
SB-004A	Evaluate subsurface conditions in an area where background radiation was measured during the USRADs survey	Air Techniques, Inc.
SB-004B		
SB-004C		
SB-005	Evaluate subsurface conditions within the footprint of historic recharge basin 4	Air Techniques, Inc.
SB-006	Evaluate subsurface conditions associated with a historic drywell.	Air Techniques, Inc.
SB-007	Evaluate subsurface conditions associated with a historic leaching pool.	Air Techniques, Inc.
SB-008	Evaluate subsurface conditions associated with a historic catch basin and downgradient of a historic leaching pool located on Magazine Distributors	Air Techniques, Inc.
SB-009A	SB-009 borings were located to evaluate subsurface conditions associated with an area of above background radioactivity found during the USRADs survey. The five SB-009 borings were also used to delineate the extent of the area.	Air Techniques, Inc.
SB-009B		
SB-009C		
SB-009D		
SB-009E		
SB-010A	Evaluate subsurface conditions associated with historic recharge basin 4. Because refusal was encountered in boring 10A, boring 10B was advanced a few feet away from boring 10A.	Air Techniques, Inc.
SB-010B		
SB-011	Evaluate subsurface conditions adjacent to a historic transformer pad.	Air Techniques, Inc.
SB-012	Evaluate subsurface conditions within the footprint of historic recharge basin 1 and 2.	Air Techniques, Inc.
SB-013	Evaluate subsurface conditions associated with a series of historic cesspools.	Air Techniques, Inc.
SB-014	Evaluate subsurface conditions associated with a series of historic septic tanks.	Air Techniques, Inc.
SG-001	Installed at the request of NYSDEC to evaluate the area for BTEX compounds.	Air Techniques, Inc.

Note:
boring locations were selected in consultation with NYSDEC personnel
borings were labeled sequentially according to the order they were installed

**Magazine distributors soil boring
description**

Magazine Distributors Soil Boring Description

Former Sylvania Electric Products Incorporated Facility Hicksville, New York

Boring	Basis for Location	Property
SB-015	Evaluate subsurface conditions associated with several historic underground structures.	Magazine Distributors, Inc.
SB-016	Evaluate subsurface conditions associated with several historic underground structures.	Magazine Distributors, Inc.
SB-017A	Evaluate subsurface conditions associated with several historic underground structures.	Magazine Distributors, Inc.
SB-063	Evaluate subsurface conditions within the footprint of historic recharge basin 1 and 2.	Magazine Distributors, Inc.
SB-064	Evaluate subsurface conditions within the footprint of the former reservoir at the rear of Magazine Distributors.	Magazine Distributors, Inc.
SB-065	Evaluate subsurface conditions immediately downgradient of historic recharge basin 1 and 2 and for areal coverage..	Magazine Distributors, Inc.
SB-066	Delineate above background radiation associated with borings SB-30 through 34.	Magazine Distributors, Inc.
SB-067	Delineate above background radiation associated with borings SB-30 through 34.	Magazine Distributors, Inc.
SB-068	Delineate above background radiation associated with borings SB-30 through 34.	Magazine Distributors, Inc.
SB-069	Evaluate subsurface conditions associated with historic recharge basin 1 and 2 and for areal coverage.	Magazine Distributors, Inc.
SB-070	Delineate subsurface soil conditions associated with above background radiation in soils at the rear of Gilbert Displays along the property boundary with Magazine Distributors.	Magazine Distributors, Inc.
SB-071A	Delineate subsurface soil conditions associated with above background radiation in soils at the rear of Gilbert Displays along the property boundary with Magazine Distributors.	Magazine Distributors, Inc.
SB-071B	Delineate subsurface soil conditions associated with above background radiation in soils at the rear of Gilbert Displays along the property boundary with Magazine Distributors.	Magazine Distributors, Inc.
SB-072	Delineate subsurface soil conditions associated with above background radiation in soils at the rear of Gilbert Displays along the property boundary with Magazine Distributors.	Magazine Distributors, Inc.
SB-073	Delineate subsurface soil conditions associated with above background radiation in soils at the rear of Gilbert Displays along the property boundary with Magazine Distributors.	Magazine Distributors, Inc.
SB-074	Delineate subsurface soil conditions associated with above background radiation in soils at the rear of Gilbert Displays along the property boundary with Magazine Distributors.	Magazine Distributors, Inc.
SB-075	Evaluate subsurface conditions associated with a historic leaching pool.	Magazine Distributors, Inc.
SB-076	Evaluate subsurface conditions associated with a historic leaching pool.	Magazine Distributors, Inc.
SB-077	Evaluate subsurface conditions in the footprint of historic recharge basin 1 and 2 immediately downgradient of several former structures centered at boring SB-017.	Magazine Distributors, Inc.
SB-078	Evaluate subsurface conditions in the vicinity of several historic underground structures.	Magazine Distributors, Inc.
SB-079	Evaluate subsurface conditions in the vicinity of several historic underground structures.	Magazine Distributors, Inc.
SB-080	Evaluate subsurface conditions in the vicinity of several historic underground structures.	Magazine Distributors, Inc.
SB-081	Evaluate subsurface conditions in the vicinity of several historic underground structures.	Magazine Distributors, Inc.
SB-082	Evaluate subsurface conditions in the vicinity of several historic underground structures.	Magazine Distributors, Inc.
SB-083	Evaluate above background radiation found during the USRADs survey	Magazine Distributors, Inc.
SB-084	Evaluate above background radiation found during the USRADs survey	Magazine Distributors, Inc.

Magazine Distributors Soil Boring Description

Former Sylvania Electric Products Incorporated Facility Hicksville, New York

Boring	Basis for Location	Property
SB-085A	Evaluate subsurface conditions in the footprint of the historic solvent storage building and for areal coverage.	Magazine Distributors, Inc.
SB-085B		
SB-086	Evaluate subsurface conditions in the footprint of historic recharge basin 1 and 2.	Magazine Distributors, Inc.
SB-087	Evaluate subsurface conditions associated with a historic leaching pool.	Magazine Distributors, Inc.
SB-088	Evaluate subsurface conditions associated with a historic leaching pool.	Magazine Distributors, Inc.
SB-089	Evaluate subsurface conditions associated with a historic leaching pool.	Magazine Distributors, Inc.
SB-090A	Evaluate subsurface conditions associated with a historic leaching pool and for areal coverage.	Magazine Distributors, Inc.
SB-090B		
SB-091	Evaluate subsurface conditions associated with a historic leaching pool.	Magazine Distributors, Inc.
SB-092	Evaluate subsurface conditions in the vicinity of several historic subsurface structures	Magazine Distributors, Inc.
SB-093	Evaluate subsurface conditions in the vicinity of several historic subsurface structures.	Magazine Distributors, Inc.
SB-094	Delineate the area of elevated soil vapor defined by boring SB-067.	Magazine Distributors, Inc.
SB-095	Delineate the area of elevated soil vapor defined by boring SB-067.	Magazine Distributors, Inc.
SB-096	Delineate the area of elevated soil vapor defined by SB-067 and for purposes of areal representation	Magazine Distributors, Inc.
SB-098	Evaluate the area of elevated soil vapor in the vicinity of boring SB-067.	Magazine Distributors, Inc.
SB-099	Delineate the area of elevated soil vapor downgradient of SB-067 and for areal coverage.	Magazine Distributors, Inc.
SB-100	Delineate the area of above background soil vapor downgradient of SB-067 and for areal coverage.	Magazine Distributors, Inc.
SB101A	Delineate above background radiation measurements associated with boring SB-098. Both SB-101A and SB-101B were installed approximately 4 ft away from SB-098 in opposite directions.	Magazine Distributors, Inc.
SB101B		
SB-102	Areal coverage.	Magazine Distributors, Inc.
SB-103	Areal coverage.	Magazine Distributors, Inc.
SB-104	Delineate the area of elevated soil vapor measurements in the vicinity of SB-067.	Magazine Distributors, Inc.

Note: boring locations were selected in consultation with NYSDEC personnel
borings were labeled sequentially according to the order they were installed

**Gilbert displays soil boring
description**

Gilbert Displays Soil Boring Description

Former Sylvania Electric Products Incorporated Facility Hicksville, New York

Boring	Basis for Location	Property
SB-018	Evaluate subsurface conditions within the footprint of the former burning and processing building.	Gilbert Displays, Inc.
SB-019	Evaluate subsurface conditions associated with a historic leaching pool.	Gilbert Displays, Inc.
SB-020	Evaluate subsurface conditions within the footprint of a historic above ground tank.	Gilbert Displays, Inc.
SB-021	Evaluate subsurface conditions for the purposes of areal representatives.	Gilbert Displays, Inc.
SB-022	Evaluate subsurface conditions associated with a historic inlet/leaching pool.	Gilbert Displays, Inc.
SB-023A	Evaluate subsurface conditions within the footprint of historic recharge basin 3.	Gilbert Displays, Inc.
SB-023B	Evaluate subsurface conditions in an area where above background radiation was measured during the USRADs survey.	Gilbert Displays, Inc.
SB-026	Delineate the extent of above background radiation in shallow soils.	Gilbert Displays, Inc.
SB-035A	Evaluate subsurface conditions within the footprint of historic recharge basin 3	Gilbert Displays, Inc.
SB-035B	Evaluate subsurface conditions within the footprint of historic recharge basin 3	Gilbert Displays, Inc.
SB-036	Delineate above background levels of radioactivity associated with shallow surface soils at the rear of Gilbert Displays.	Gilbert Displays, Inc.
SB-037	Evaluate subsurface conditions within the footprint of historic recharge basin 3.	Gilbert Displays, Inc.
SB-038	Evaluate subsurface conditions in shallow soils at the rear of Gilbert Displays in response to earlier NRC and NYSDEC measurements of above background radiation in this area.	Gilbert Displays, Inc.
SB-039	Delineate above background levels of radioactivity associated with shallow surface soils at the rear of Gilbert Displays.	Gilbert Displays, Inc.
SB-040	Evaluate above background radiation measured during the USRADs survey.	Gilbert Displays, Inc.
SB-041	Evaluate above background radiation measured during the USRADs survey.	Gilbert Displays, Inc.
SB-042	Evaluate above background radiation measured during the USRADs survey.	Gilbert Displays, Inc.
SB-043	Delineate the area around SB-024 where above background radiation was encountered at approximately 6 ft in depth.	Gilbert Displays, Inc.
SB-044	Delineate the area around SB-024 where above background radiation was encountered at approximately 6 ft in depth.	Gilbert Displays, Inc.
SB-045	Delineate the area around SB-024 where above background radiation was encountered at approximately 6 ft in depth.	Gilbert Displays, Inc.
SB-046	Delineate the area around SB-024 where above background radiation was encountered at approximately 6 ft in depth.	Gilbert Displays, Inc.
SB-047	Delineate the area around SB-024 where above background radiation was encountered at approximately 6 ft in depth.	Gilbert Displays, Inc.
SB-048	Delineate the area around SB-024 where above background radiation was encountered at approximately 6 ft in depth.	Gilbert Displays, Inc.
SB-049A	Delineate the area around SB-024 where above background radiation was encountered at approximately 6 ft in depth.	Gilbert Displays, Inc.
SB-049B	Delineate the area around SB-024 where above background radiation was encountered at approximately 6 ft in depth.	Gilbert Displays, Inc.
SB-050	Delineate the area around SB-024 where above background radiation was encountered at approximately 6 ft in depth.	Gilbert Displays, Inc.
SB-051	Delineate above background radiation in shallow soils at the rear of Gilbert Displays.	Gilbert Displays, Inc.
SB-052	Delineate above background radiation in shallow soils at the rear of Gilbert Displays	Gilbert Displays, Inc.
SB-053	Delineate above background radiation in shallow soils at the rear of Gilbert Displays	Gilbert Displays, Inc.

Gilbert Displays Soil Boring Description

**Former Sylvania Electric Products Incorporated Facility
Hicksville, New York**

Boring	Basis for Location	Property
SB-054	Evaluate subsurface conditions associated with a historic leaching pool.	Gilbert Displays, Inc.
SB-055	Evaluate subsurface conditions within the footprint of the historic burning and processing building as well as the area near a historic leaching pool.	Gilbert Displays, Inc.
SB-056	Evaluate subsurface conditions at the exterior of the historic Commercial Plant (also designated building #2) for comparison to SB-057 analytical results.	Gilbert Displays, Inc.
SB-057	Evaluate subsurface conditions within the footprint of the former Commercial Plant (building #2).	Gilbert Displays, Inc.
SB-058	Delineate above background levels of radioactivity in shallow soils at the rear of Gilbert Displays.	Gilbert Displays, Inc.
SB-059	Evaluate subsurface conditions between SB-023 and SB-024.	Gilbert Displays, Inc.
SB-060	Delineate above background radioactivity in shallow soils at the rear of Gilbert Displays.	Gilbert Displays, Inc.
SB-061	Delineate above background radioactivity in shallow soils at the rear of Gilbert Displays.	Gilbert Displays, Inc.
SB-062	Delineate above background radioactivity in shallow soils at the rear of Gilbert Displays.	Gilbert Displays, Inc.
SB-097	Delineate the area around SB-023 where a discrete interval of above background radioactivity was found at approximately 11 ft in depth.	Gilbert Displays, Inc.
SB-105	Evaluate subsurface conditions associated with elevated radioactivity and volatile organics found at approximately 9 ft below grade during the installation of TW-02. Borings SB-105 through SB-109 were used for this purpose.	Gilbert Displays, Inc.
SB-106	SB-106 was placed to evaluate subsurface conditions associated with elevated radioactivity and VOCs found at approximately 9 ft below grade during the installation of TW-02. SB-105 through SB-109 were used for this purpose.	Gilbert Displays, Inc.
SB-107	SB-107 was placed to evaluate subsurface conditions associated with elevated radioactivity and VOCs found at approximately 9 ft below grade during the installation of TW-02. SB-105 through SB-109 were used for this purpose.	Gilbert Displays, Inc.
SB-108	SB-108 was placed to evaluate subsurface conditions associated with elevated radioactivity and VOCs found at approximately 9 ft below grade during the installation of TW-02. SB-105 through SB-109 were used to delineate this area.	Gilbert Displays, Inc.
SB-109	SB-109 was placed to evaluate subsurface conditions associated with elevated radioactivity and VOCs found at approximately 9 ft below grade during the installation of TW-02. SB-105 through SB-109 were used to delineate this area.	Gilbert Displays, Inc.

Note:
boring locations were selected in consultation with NYSDEC personnel
borings were labeled sequentially according to the order they were installed

**Nassau County Parks Department
golf course driving range soil
boring description**

Nassau County Parks Department Golf Course Driving Range Boring Description

Former Sylvania Electric Products Incorporated Facility

Hicksville, New York

Boring	Basis for Location	Property
BK-001	Obtain a background soil sample and background cores from an area in close proximity to the site, but unaffected by former site processes.	Nassau County Parks Department Golf Course
BK-002	Obtain a background soil sample and background cores from an area in close proximity to the site, but unaffected by former site processes.	Nassau County Parks Department Golf Course
SB-025	Evaluate subsurface conditions in shallow soils at the rear of Gilbert Displays in response to earlier NRC and NYSDEC measurements of above background radiation in this area.	Nassau County Parks Department Golf Course
SB-027	Evaluate subsurface conditions in shallow soils at the Nassau Co. Golf Course Driving Range adjacent to those soils at the rear of Gilbert Displays where above background levels of radioactivity was measured by NRC and NYSDEC personnel.	Nassau County Parks Department Golf Course
SB-028	Evaluate subsurface conditions in shallow soils at the Nassau Co. Golf Course Driving Range adjacent to those soils at the rear of Gilbert Displays where above background levels of radioactivity was measured by NRC and NYSDEC personnel.	Nassau County Parks Department Golf Course
SB-029	Evaluate subsurface conditions in shallow soils at the Nassau Co. Golf Course Driving Range near the soils at the rear of Gilbert Displays where above background levels of radioactivity was measured by NRC and NYSDEC personnel.	Nassau County Parks Department Golf Course
SB-030A	Evaluate subsurface conditions in shallow soils at the Nassau Co. Golf Course Driving Range near those soils at the rear of Magazine Distributors, Inc., where above background radiation was measured by NRC and NYSDEC personnel.	Nassau County Parks Department Golf Course
SB-030B	Evaluate subsurface conditions in shallow soils at the Nassau Co. Golf Course Driving Range near those soils at the rear of Magazine Distributors, Inc., where above background radiation was measured by NRC and NYSDEC personnel.	Nassau County Parks Department Golf Course
SB-031	Evaluate subsurface conditions in shallow soils at the Nassau Co. Golf Course Driving Range near those soils at the rear of Magazine Distributors, Inc., where above background radiation was measured by NRC and NYSDEC personnel.	Nassau County Parks Department Golf Course
SB-032	Evaluate subsurface conditions in shallow soils at the Nassau Co. Golf Course Driving Range near those soils at the rear of Magazine Distributors, Inc., where above background radiation was measured by NRC and NYSDEC personnel.	Nassau County Parks Department Golf Course
SB-033	Evaluate subsurface conditions in shallow soils at the Nassau Co. Golf Course Driving Range near those soils at the rear of Magazine Distributors, Inc., where above background radiation was measured by NRC and NYSDEC personnel.	Nassau County Parks Department Golf Course
SB-034	Evaluate subsurface conditions in shallow soils at the Nassau Co. Golf Course Driving Range near those soils at the rear of Magazine Distributors, Inc., where above background radiation was measured by NRC and NYSDEC personnel.	Nassau County Parks Department Golf Course

Note: boring locations were selected in consultation with NYSDEC personnel
borings were labeled sequentially according to the order they were installed

Ground water elevation summary

Ground Water Elevation Summary

**Former Sylvania Electric Products Inc. Facility
Hicksville, New York**

Date Gauged	Well ID	Well Depth	Top Of Casing Elevation	DTW	Water Elevation	Screen Setting	Date of Installation	Location
--	MW-1*	--	--	--	--	--	--	Gilbert Displays
--	MW-2*	--	--	--	--	--	--	Gilbert Displays
--	MW-3*	--	--	--	--	--	--	Gilbert Displays
8/11/99	MW-01	77.25	143.86	69.46	74.4	unknown	unknown	Air Techniques
8/12/99	MW-02	77.44	143.58	69.17	74.41	unknown	unknown	Air Techniques
8/12/99	MW-03	77.8	142.27	68.11	74.16	unknown	unknown	Air Techniques
8/12/99	MW-04	76.78	141.89	67.72	74.17	unknown	unknown	Air Techniques
8/12/99	MW-05	76.32	143.44	69.12	74.32	unknown	unknown	Air Techniques
8/11/99	W-24	87.09	146.56	70.82	75.74	79.5 - 59.5	11/7/88	NC DPW
8/11/99	W-24D	128.79	145.49	70.57	74.92	35.4 - 15.4	11/7/88	NC DPW
8/11/99	W-25	84.25	145.9	71.16	74.74	81.3 - 61.3	unknown	NC DPW
8/9/99	TW-01	80.1	NS	69.41	NS	unknown	unknown	Gilbert Displays
8/9/99	TW-02	78.12	NS	69.26	NS	unknown	unknown	Gilbert Displays
8/10/99	TW-03	74.22	143.36	68.92	74.44	unknown	unknown	Air Techniques
8/10/99	TW-04	75.45	143.82	69.11	74.71	unknown	unknown	Air Techniques
8/10/99	TW-05	75.15	NS	69.82	NS	unknown	unknown	Gilbert Displays
--	W-3'	--	--	--	--	--	--	General Semi-Conductor
--	W-3D'	--	--	--	--	--	--	General Semi-Conductor
--	W-7'	--	--	--	--	--	--	General Semi-Conductor
--	W-8'	--	--	--	--	--	--	Golf Driving Range

Notes:

Casing Elevations for MW-01 through MW-05 based on an ERM Report dated July 15, 1996.

TW locations not surveyed - estimated

-- = Not Collected

* Wells damaged and filled in place

Wells located off-site and were not accessible during the investigation

**Sample identification and
analytical summary**

Sample Identification and Analytical Summary

**Former Sylvania Electric Products Incorporated Facility
Hicksville, New York**

Boring	Interval	VOC	SVOC	Metal	Alpha / Beta	Gamma Spec	Alpha	PCB	Location
SB-001									Air Techniques
SB-002									Air Techniques
SB-003	12 - 18"				1	1			Air Techniques
	18 - 24"				1	1			Air Techniques
SB-004A	2 - 3"				1	1	1		Air Techniques
	3 - 4"				1	1			Air Techniques
	4 - 5"				1	1			Air Techniques
	6 - 15				1	1			Air Techniques
	5 - 6				1	1			Air Techniques
SB-004B	6 - 12				1	1			Air Techniques
	0 - 6				1				Air Techniques
SB-004C	6 - 12				1	1			Air Techniques
	0 - 6				1	1			Air Techniques
SB-005	12 - 24				1	1			Air Techniques
	96 - 120	1	1	1	1	1		1	Air Techniques
SB-006	0 - 24"	1	1	1	1	1			Air Techniques
	136 - 160							1	Air Techniques
SB-007	156 - 180		1	1					Air Techniques
SB-008	168 - 192		1	1					Air Techniques
SB-009A	0 - 6				1	1			Air Techniques
	12 - 24"				1	1			Air Techniques
	24 - 36"				1	1			Air Techniques
	36 - 48"				1	1			Air Techniques
	6 - 12				1	1			Air Techniques
	0 - 12				1	1			Air Techniques
	46 - 48				1	1			Air Techniques
	72 - 96				1	1			Air Techniques
SB-009B	12 - 24"				1	1			Air Techniques
SB-009C	48 - 60				1	1			Air Techniques
	60 - 72				1				Air Techniques

Boring	Interval	VOC	SVOC	Metal	Alpha / Beta	Gamma Spec	Alpha	PCB	Location
SB-009D	72 - 96								Air Techniques
	12 - 18				1	1			Air Techniques
	18 - 24				1	1			Air Techniques
	24 - 30				1	1			Air Techniques
	48 - 60				1	1			Air Techniques
	6 - 12				1	1			Air Techniques
	0 - 6				1	1			Air Techniques
	30 - 36				1	1			Air Techniques
	60 - 72				1	1			Air Techniques
	0 - 12				1		1		Air Techniques
	12 - 24				1	1			Air Techniques
	48 - 60				1	1			Air Techniques
	60 - 72				1	1			Air Techniques
	24 - 36				1	1			Air Techniques
	36 - 48				1	1			Air Techniques
	--								Air Techniques
	48 - 72	1	1	1	1	1		1	Air Techniques
	0 - 24				1	1			Air Techniques
SB-010A	24 - 48				1	1			Air Techniques
	72 - 96							1	Air Techniques
	120 - 144"	1	1	1	1	1		1	Air Techniques
	0 - 24	1							Air Techniques
	120 - 144"	1	1	1	1	1		1	Air Techniques
	96 - 132"	1	1	1	1	1		1	Air Techniques
SB-018	48 - 96	1		1				Gilbert Displays	
SB-019	48 - 96		1	1				Gilbert Displays	
SB-020	72 - 90	1	1	1				Gilbert Displays	
SB-021	74 - 81		1	1				Gilbert Displays	
SB-022	48 - 96		1	1			1	Gilbert Displays	
SB-023A	--							Gilbert Displays	

Sample Identification and Analytical Summary

**Former Sylvania Electric Products Incorporated Facility
Hicksville, New York**

Boring	Interval	VOC	SVOC	Metal	Alpha / Beta	Gamma Spec	Alpha	PCB	Location
SB-023B	108 - 120				1	1	1		Gilbert Displays
	160 - 177	1	1	1				1	Gilbert Displays
	120 - 132				1	1			Gilbert Displays
SB-024	66 - 84	1	1	1	1	1	1		Gilbert Displays
	48 - 60	1		1					Gilbert Displays
	120 - 144		1	1				1	Gilbert Displays
SB-035A	--								Gilbert Displays
SB-035B	0 - 24				1	1			Gilbert Displays
SB-036	48 - 60				1	1			Gilbert Displays
	0 - 12				1	1			Gilbert Displays
	12 - 24				1	1	1		Gilbert Displays
SB-037	168 - 192	1	1	1			1	1	Gilbert Displays
	48 - 60	1							Gilbert Displays
	96 - 126				1	1			Gilbert Displays
SB-038	0 - 18				1	1			Gilbert Displays
	48 - 60	1			1	1			Gilbert Displays
SB-039	--								Gilbert Displays
SB-040	0 - 24				1	1	1		Gilbert Displays
	48 - 60				1	1			Gilbert Displays
	80 - 90		1	1					Gilbert Displays
SB-041	12 - 18				1	1	1		Gilbert Displays
	100 - 108		1	1					Gilbert Displays
	108 - 120				1	1			Gilbert Displays
SB-042	78 - 90				1	1			Gilbert Displays
	96 - 117		1	1					Gilbert Displays
	66 - 84		1	1					Gilbert Displays
SB-043	48 - 72	1	1	1					Gilbert Displays
SB-044	202 - 212				1	1			Gilbert Displays
	72 - 78				1	1			Gilbert Displays
	212 - 222	1	1	1					Gilbert Displays

Sample Identification and Analytical Summary

**Former Sylvania Electric Products Incorporated Facility
Hicksville, New York**

Boring	Interval	VOC	SVOC	Metal	Alpha / Beta	Gamma Spec	Alpha	PCB	Location
SB-046	--								Gilbert Displays
SB-047	116 - 136	1	1	1					Gilbert Displays
SB-048	96 - 114	1	1	1					Gilbert Displays
SB-049A	144 - 156	1					1		Gilbert Displays
SB-049B	18 - 20	1	1	1					Gilbert Displays
SB-050	144 - 156	1							Gilbert Displays
SB-051	72 - 84				1	1			Gilbert Displays
SB-052	--								Gilbert Displays
SB-053	12 - 24				1	1			Gilbert Displays
SB-054	96 - 120	1		1				1	Gilbert Displays
SB-055	72 - 96		1	1					Gilbert Displays
SB-056	72 - 96		1	1					Gilbert Displays
SB-057	72 - 96		1	1					Gilbert Displays
SB-058	--								Gilbert Displays
SB-059	120 - 144		1	1			1		Gilbert Displays
SB-060	--								Gilbert Displays
SB-061	--								Gilbert Displays
SB-062	12 - 18				1	1			Gilbert Displays
	6 - 12				1	1			Gilbert Displays
SB-097	168 - 192	1	1	1				1	Gilbert Displays
SB-105	30 - 40				1	1			Gilbert Displays
	54 - 60	1	1	1	1	1			Gilbert Displays
	70 - 76	1	1	1	1	1			Gilbert Displays
SB-106	48 - 60	1							Gilbert Displays
	60 - 72				1	1			Gilbert Displays
SB-107	84 - 96				1	1			Gilbert Displays
SB-108	48 - 60	1							Gilbert Displays
	84 - 96				1	1			Gilbert Displays
SB-109	48 - 60	1							Gilbert Displays
	84 - 96				1	1			Gilbert Displays

Sample Identification and Analytical Summary

**Former Sylvania Electric Products Incorporated Facility
Hicksville, New York**

Boring	Interval	VOC	SVOC	Metal	Alpha / Beta	Gamma Spec	Alpha	PCB	Location
SB-015	12 - 24				1	1			Magazine Distributors
	159 - 174		1	1	1	1			Magazine Distributors
	3 - 12				1	1			Magazine Distributors
	108 - 120				1	1			Magazine Distributors
SB-015	144 - 159				1	1			Magazine Distributors
	24 - 36				1	1			Magazine Distributors
	48 - 66				1	1			Magazine Distributors
	66 - 84				1	1			Magazine Distributors
SB-016	96 - 108				1	1			Magazine Distributors
	12 - 30				1	1			Magazine Distributors
	0 - 12				1	1			Magazine Distributors
	108 - 132				1	1			Magazine Distributors
	168 - 192		1	1	1				Magazine Distributors
	30 - 42				1	1			Magazine Distributors
	48 - 60				1	1			Magazine Distributors
	60 - 72				1	1			Magazine Distributors
SB-017A	72 - 96				1	1			Magazine Distributors
	48 - 54				1	1			Magazine Distributors
	54 - 60				1	1			Magazine Distributors
	18 - 36				1	1			Magazine Distributors
	30 - 36	1			1				Magazine Distributors
	36 - 46				1	1			Magazine Distributors
	0 - 24				1	1			Magazine Distributors
	24 - 48				1	1			Magazine Distributors
SB-063	144 - 196				1	1			Magazine Distributors
	18 - 24				1				Magazine Distributors
	48 - 60				1				Magazine Distributors
	14 - 16	1	1	1				1	Magazine Distributors
SB-064	18 - 24				1	1			Magazine Distributors
	48 - 60				1	1			Magazine Distributors

Sample Identification and Analytical Summary

**Former Sylvania Electric Products Incorporated Facility
Hicksville, New York**

Boring	Interval	VOC	SVOC	Metal	Alpha / Beta	Gamma Spec	Alpha	PCB	Location
	96 - 108	1	1	1					Magazine Distributors
SB-065	125 - 135		1	1				1	Magazine Distributors
SB-066	144 - 156		1	1					Magazine Distributors
SB-067	72 - 88	1							Magazine Distributors
SB-068	18 - 30				1	1			Magazine Distributors
SB-068	54 - 66				1	1			Magazine Distributors
SB-068	84 - 94		1	1					Magazine Distributors
SB-069	168 - 180		1	1				1	Magazine Distributors
SB-070	--								Magazine Distributors
SB-071A	18 - 30				1	1			Magazine Distributors
	66 - 72				1	1			Magazine Distributors
	144 - 160	1	1	1					Magazine Distributors
SB-071B	--								Magazine Distributors
SB-072	72 - 78				1	1			Magazine Distributors
	48 - 60		1	1					Magazine Distributors
SB-073	168 - 192	1	1	1					Magazine Distributors
SB-074	168 - 192	1							Magazine Distributors
SB-075	168 - 180	1	1	1					Magazine Distributors
SB-076	48 - 64				1	1			Magazine Distributors
	168 - 192	1	1	1					Magazine Distributors
SB-077	126 - 132				1	1			Magazine Distributors
	156 - 180	1	1	1					Magazine Distributors
SB-078	126 - 138				1	1			Magazine Distributors
	175 - 189	1	1	1					Magazine Distributors
	68 - 89	1							Magazine Distributors
SB-079	72 - 74				1	1			Magazine Distributors
	144 - 156	1	1	1				1	Magazine Distributors
SB-080	180 - 192	1	1	1					Magazine Distributors
	24 - 44	1							Magazine Distributors
SB-081	174 - 186	1	1	1					Magazine Distributors

Sample Identification and Analytical Summary

**Former Sylvania Electric Products Incorporated Facility
Hicksville, New York**

Boring	Interval	VOC	SVOC	Metal	Alpha / Beta	Gamma Spec	Alpha	PCB	Location
SB-082	24 - 30				1	1			Magazine Distributors
	180 - 192	1	1	1			1		Magazine Distributors
SB-083	72 - 96	1	1	1					Magazine Distributors
SB-084	72 - 96	1	1	1					Magazine Distributors
SB-085A	72 - 96	1	1	1					Magazine Distributors
SB-085B	156 - 168	1	1	1					Magazine Distributors
SB-086	168 - 180	1	1	1					Magazine Distributors
SB-087	156 - 180	1	1	1					Magazine Distributors
SB-088	168 - 192	1	1	1					Magazine Distributors
SB-089	168 - 192	1	1	1			1		Magazine Distributors
SB-090A	144 - 168	1	1	1					Magazine Distributors
SB-090B	--								Magazine Distributors
SB-091	174 - 192	1	1	1					Magazine Distributors
SB-092	168 - 192	1	1	1					Magazine Distributors
SB-093	168 - 192	1	1	1					Magazine Distributors
SB-094	72 - 96	1	1	1					Magazine Distributors
SB-095	72 - 90	1	1	1					Magazine Distributors
SB-096	72 - 84	1	1	1					Magazine Distributors
SB-098	12 - 24				1				Magazine Distributors
	24 - 30				1	1			Magazine Distributors
	6 - 12				1				Magazine Distributors
SB-099	72 - 78				1	1			Magazine Distributors
SB-100	68 - 90				1	1			Magazine Distributors
SB-101A	--								Magazine Distributors
SB-101B	40 - 46				1	1			Magazine Distributors
SB-102	60 - 66				1	1			Magazine Distributors
SB-103	118 - 130				1	1			Magazine Distributors
SB-104	72 - 84				1	1			Magazine Distributors
BK-001	0 - 3			1					Golf Course Driving Range
	68 - 88		1	1	1	1			Golf Course Driving Range

Table 10

Former Sylvania Electric Products Incorporated Facility

[illegible]

Soil gross alpha and gross beta data

Table 11
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Borings

Gross Alpha and Gross Beta Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area Units	BK-001 68 - 88 in. 07/12/99 BK pCi/g	BK-002 84 - 96 in. 07/12/99 BK pCi/g	SB-003 12 - 18 in. 07/07/99 AT pCi/g	SB-003 18 - 24 in. 07/07/99 AT pCi/g	SB-004A 2 - 3 in. 07/07/99 AT pCi/g	SB-004A 3 - 4 in. 07/07/99 AT pCi/g	SB-004A 4 - 5 in. 07/07/99 AT pCi/g	SB-004A 5 - 6 in. 07/07/99 AT pCi/g	SB-004A 6 - 15 in. 07/07/99 AT pCi/g
Gross Alpha		3.577 UB	1.302 UB	1196.036	98.376	45468.923	900.192	674.679	679.886	115.494
Gross Beta		7.555 UJB	8.922 J	528.788	46.303 J	18944	334.981	321.203	342.809	56.39 J

NOTES: U - not detected, J - estimated value, B - data evaluated for blank contamination, I - data evaluated for peak interference, --- - not detected/analyzed.
 * Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Table 11
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Borings

Gross Alpha and Gross Beta Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-004B 0 - 6 in. 07/07/99 AT Area 1A	SB-004B 0 - 6 in. 07/07/99 AT Area 1A	SB-004C 0 - 6 in. 07/07/99 AT Area 1A	SB-004C 6 - 12 in. 07/07/99 AT Area 1A	SB-005 12 - 24 in. 07/07/99 AT pCi/g	SB-005 96 - 120 in. 07/07/99 AT pCi/g	SB-006 0 - 24 in. 07/08/99 AT pCi/g	SB-009 0 - 6 in. 07/08/99 AT Area 1B pCi/g	SB-009 12 - 24 in. 07/08/99 AT Area 1B pCi/g
Gross Alpha		5.361	5.767	4.81 UB	4.627 UB	19.9	7.245 UB	6.792	2263	26463
Gross Beta		4.743 J	8.182 J	8.811 J	10.491 J	21.579 J	13.309 J	9.024 J	1438	17930

NOTES: U - not detected, J - estimated value, B - data evaluated for blank contamination, I - data evaluated for peak interference, --- - not detected/analyzed.
 * Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

**GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Borings**

Gross Alpha and Gross Beta Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area Units	SB-009 24 - 36 in. 07/08/99 AT Area 1B pCi/g	SB-009 46 - 48 in. 07/08/99 AT Area 1B pCi/g	SB-009 6 - 12 in. 07/08/99 AT Area 1B pCi/g	SB-009 72 - 96 in. 07/08/99 AT Area 1B pCi/g	SB-009 0 - 12 in. 07/09/99 AT Area 1B pCi/g	SB-009 12 - 24 in. 07/09/99 AT Area 1B pCi/g	SB-009 24 - 36 in. 07/09/99 AT Area 1B pCi/g	SB-009 36 - 48 in. 07/09/99 AT Area 1B pCi/g	SB-009B 12 - 24 in. 07/08/99 AT Area 1B pCi/g
Gross Alpha	8810		3057	230000	120.667	71.983	269.09	37.29	2.798	1551.896
Gross Beta	4919.9	1.328 UB		120000	60.17 J	49.899 J	226.399	41.315 J	7.714 J	1363.861

NOTES: U - not detected, J - estimated value, B - data evaluated for blank contamination, I - data evaluated for peak interference, --- - not detected/analyzed.
* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY

Soil Borings

Gross Alpha and Gross Beta Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area Units	SB-009C 48 - 60 in. 07/09/99 AT Area 1B pCi/g	SB-009D 0 - 6 in. 07/09/99 AT Area 1B pCi/g	SB-009D 12 - 18 in. 07/09/99 AT Area 1B pCi/g	SB-009D 18 - 24 in. 07/09/99 AT Area 1B pCi/g	SB-009D 24 - 30 in. 07/09/99 AT Area 1B pCi/g	SB-009D 30 - 36 in. 07/09/99 AT Area 1B pCi/g	SB-009D 48 - 60 in. 07/09/99 AT Area 1B pCi/g	SB-009D 60 - 72 in. 07/09/99 AT Area 1B pCi/g
Gross Alpha	6.776	13.125	14.673	207497	1518	534.2	26.745 UB	4643.8	25.952
Gross Beta	12.53 J	14.132 J	16.518 J	130799	1136	348.549	20.476 UJB	2556.112	25.066 J

NOTES: U - not detected, J - estimated value, B - data evaluated for blank contamination, I - data evaluated for peak interference, --- - not detected/analyzed.
 * Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Table 11
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Borings

Gross Alpha and Gross Beta Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area Units	SB-009D 6 - 12 in. 07/09/99 AT Area 1B pCi/g	SB-009E 0 - 12 in. 07/09/99 AT Area 1B pCi/g	SB-009E 24 - 36 in. 07/09/99 AT Area 1B pCi/g	SB-009E 36 - 48 in. 07/09/99 AT Area 1B pCi/g	SB-009E 48 - 60 in. 07/09/99 AT Area 1B pCi/g	SB-009E 60 - 72 in. 07/09/99 AT Area 1B pCi/g	SB-010B 0 - 24 in. 07/09/99 AT pCi/g	SB-010B 24 - 48 in. 07/09/99 AT pCi/g
Gross Alpha		132.558 UB	40.156	585.513	23.716	34.927	3.224	72.852	84.253
Gross Beta		132.289 UB	42.145 J	498.238	27.285 J	23.212 J	11.389 J	40.717	49.08

NOTES: U - not detected, J - estimated value, B - data evaluated for blank contamination, I - data evaluated for peak interference, --- - not detected/analyzed.
 * Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Gross Alpha and Gross Beta Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-010B 48 - 72 in. 07/09/99 AT	SB-012 120 - 144 in. 07/09/99 AT	SB-013 120 - 144 in. 07/09/99 AT	SB-014 96 - 132 in. 07/09/99 AT	SB-015 108 - 120 in. 07/10/99 MD	SB-015 12 - 24 in. 07/10/99 MD	SB-015 144 - 159 in. 07/10/99 MD	SB-015 159 - 174 in. 07/10/99 MD	SB-015 24 - 36 in. 07/10/99 MD
	Units	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g
Gross Alpha	28.129	28.013	28.013	545.454	5.376	170.167 J	524.7 J	132.779 J	80.413 J	140.341 J
Gross Beta	28.613 J	27.632 J	27.632 J	374.215	9.409 J	89.926 J	326.7 J	77.009 J	43.319 J	83.282 J

NOTES: U - not detected, J - estimated value, B - data evaluated for blank contamination, I - data evaluated for peak interference, --- - not detected/analyzed.
* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

**GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Borings**

Gross Alpha and Gross Beta Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-015 3 - 12 in. 07/10/99 MD	SB-015 66 - 84 in. 07/10/99 MD	SB-015 48 - 66 in. 07/10/99 MD	SB-015 96 - 108 in. 07/10/99 MD	SB-016 0 - 12 in. 07/10/99 MD	SB-016 108 - 132 in. 07/10/99 MD	SB-016 12 - 30 in. 07/10/99 MD	SB-016 30 - 42 in. 07/10/99 MD	SB-016 48 - 60 in. 07/10/99 MD
	Units	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g
Gross Alpha		92.409 J	85.04 J	275.996 J	131.941 J	27.926 J	36.815 J	166.507 J	110.581 J	108.442 J
Gross Beta		44.282 J	46.693 J	158.808 J	60.618 J	27.891 J	29.401 J	93.105 J	79.389 J	82.878 J

NOTES: U - not detected, J - estimated value, B - data evaluated for blank contamination, I - data evaluated for peak interference, --- - not detected/analyzed.
* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Borings

Gross Alpha and Gross Beta Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-016 60 - 72 in. 07/10/99 MD	SB-016 72 - 96 in. 07/10/99 MD	SB-017A 18 - 36 in. 07/10/99 MD	SB-017A 36 - 46 in. 07/10/99 MD	SB-017A 48 - 54 in. 07/10/99 MD	SB-017A 54 - 60 in. 07/10/99 MD	SB-017B 0 - 24 in. 07/10/99 MD	SB-017B 144 - 196 in. 07/10/99 MD	SB-017B 24 - 48 in. 07/10/99 MD
	Units	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g
Gross Alpha		106.572 J	45.205 J	262.506 J	133.388 J	232.67 J	1444 J	53.821 J	210.998	195.768
Gross Beta		63.441 J	29.654 J	150.148 J	84.299 J	127.037 J	904.495 J	32.698 J	96.856	117.03

NOTES: U - not detected, J - estimated value, B - data evaluated for blank contamination, I - data evaluated for peak interference, --- - not detected/analyzed.
 * Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY

Soil Borings

Gross Alpha and Gross Beta Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area Units	SB-023B 108 - 120 in. 07/11/99 GD pCi/g	SB-024 120 - 132 in. 07/11/99 GD Area 3C pCi/g	SB-024 66 - 84 in. 07/11/99 GD Area 3C pCi/g	SB-025 0 - 18 in. 07/11/99 GD Area 3A pCi/g	SB-025 18 - 30 in. 07/11/99 GD Area 3A pCi/g	SB-027 28 - 42 in. 07/12/99 GC Area 3A pCi/g	SB-028 32 - 46 in. 07/12/99 GC Area 3A pCi/g	SB-029 30 - 42 in. 07/12/99 GC Area 3A pCi/g	SB-030A 8 - 27 in. 07/12/99 GC Area 2 pCi/g
Gross Alpha		4232 J	696.8	38081	525.2	60.26	5.175	4.782	6.746	7.063
Gross Beta		2509	658.4	36945	337.8	42.646 J	13.794 J	10.558 J	9.564 J	19.865 J

NOTES: U - not detected, J - estimated value, B - data evaluated for blank contamination, I - data evaluated for peak interference, --- - not detected/analyzed.
 * Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Borings

Gross Alpha and Gross Beta Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area Units	SB-030B 20 - 33 in. 07/12/99 GC Area 2 pCi/g	SB-031 24 - 30 in. 07/12/99 GC Area 2 pCi/g	SB-032 15 - 33 in. 07/12/99 GC Area 2 pCi/g	SB-033 24 - 36 in. 07/12/99 GC Area 2 pCi/g	SB-034 18 - 30 in. 07/12/99 GC Area 2 pCi/g	SB-036 0 - 24 in. 07/12/99 GD Area 3A pCi/g	SB-036 48 - 60 in. 07/12/99 GD Area 3A pCi/g	SB-037 0 - 12 in. 07/13/99 GD pCi/g	SB-037 12 - 24 in. 07/13/99 GD pCi/g
Gross Alpha		6.748	4.554 UB	16.598	7.217	3.045 UB	721.96	6.036	105.661 J	297.6 J
Gross Beta		18.39 J	10.651 J	22.209 J	14.85 J	13.709 J	500.18	16.751 J	70.324	184

NOTES: U - not detected, J - estimated value, B - data evaluated for blank contamination, I - data evaluated for peak interference, --- - not detected/analyzed.
 * Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

**GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Borings**

Gross Alpha and Gross Beta Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area Units	SB-037 96 - 126 in. 07/13/99 GD pCi/g	SB-038 0 - 18 in. 07/13/99 GD Area 3A pCi/g	SB-038 48 - 60 in. 07/13/99 GD Area 3A pCi/g	SB-040 0 - 24 in. 07/13/99 GD pCi/g	SB-040 48 - 60 in. 07/13/99 GD pCi/g	SB-041 108 - 120 in. 07/13/99 GD pCi/g	SB-041 12 - 18 in. 07/13/99 GD pCi/g	SB-041 78 - 90 in. 07/13/99 GD pCi/g	SB-045 202 - 212 in. 07/14/99 GD Area 3C pCi/g
Gross Alpha		72.993 J	407.2 J	22.901 J	258.4 J	10.544 J	43.45 J	1592 J	122.2 J	102.5 J
Gross Beta		37.546	244.7	20.66 J	174.1	10.878 J	28.646 J	1196	65.5	61.9

NOTES: U - not detected, J - estimated value, B - data evaluated for blank contamination, I - data evaluated for peak interference, --- - not detected/analyzed.
* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Gross Alpha and Gross Beta Data

Compound	Sample ID Depth Interval Sample Date Property *	SB-045 72 - 78 in. 07/14/99 GD Excavation Area 3C	SB-051 72 - 84 in. 07/15/99 GD	SB-053 12 - 24 in. 07/15/99 GD	SB-062 12 - 18 in. 07/16/99 GD	SB-062 6 - 12 in. 07/16/99 GD	SB-064 18 - 24 in. 07/19/99 MD	SB-064 48 - 60 in. 07/19/99 MD	SB-068 18 - 30 in. 07/19/99 MD	SB-068 54 - 66 in. 07/19/99 MD
	Units	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g
Gross Alpha		147251 J	41.58 J	28.22 J	104.84 J	175.9 J	457.5	96.76	336.1	4.764 UB
Gross Beta		139098	27.6 J	24.6 J	87.2	106.4	250.1	79.6	202.5	8.14 J

NOTES: U - not detected, J - estimated value, B - data evaluated for blank contamination, I - data evaluated for peak interference, --- - not detected/analyzed.
 * Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Borings

Gross Alpha and Gross Beta Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-071 18 - 30 in. 07/20/99 MD	SB-071 66 - 72 in. 07/20/99 MD	SB-072 72 - 78 in. 07/20/99 MD	SB-076 48 - 64 in. 07/20/99 MD	SB-077 126 - 132 in. 07/20/99 MD	SB-078 126 - 138 in. 07/21/99 MD	SB-079 72 - 74 in. 07/21/99 MD	SB-082 24 - 30 in. 07/21/99 MD	SB-098 12 - 24 in. 08/09/99 MD
	Units	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g
Gross Alpha		185.2	1166 J	281	264.7	1698	424	538.2	880	356.183
Gross Beta		99.27	843.8 J	169.7	159.5	969	205.7	284	459	312.664

NOTES: U - not detected, J - estimated value, B - data evaluated for blank contamination, I - data evaluated for peak interference, --- - not detected/analyzed.
 * Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Gross Alpha and Gross Beta Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area Units	SB-098 24 - 30 in. 08/09/99 MD pCi/g	SB-098 6 - 12 in. 08/09/99 MD pCi/g	SB-099 72 - 78 in. 08/10/99 MD pCi/g	SB-100 68 - 90 in. 08/10/99 MD pCi/g	SB-101B 40 - 46 in. 08/10/99 MD pCi/g	SB-102 60 - 66 in. 08/10/99 MD pCi/g	SB-103 118 - 130 in. 08/10/99 MD pCi/g	SB-104 72 - 84 in. 08/10/99 MD pCi/g	SB-105 30 - 40 in. 08/11/99 GD Area 3B pCi/g
Gross Alpha		83.916	64.507	34.339	3.305 UB	1.869 UB	16.445	13.479	17.897	630.041
Gross Beta		42.615 J	35.165 J	22.806 J	4.666 J	3.63 J	13.787 J	10.427 J	11.937 J	325.314

NOTES: U - not detected, J - estimated value, B - data evaluated for blank contamination, I - data evaluated for peak interference, --- - not detected/analyzed.
* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Gross Alpha and Gross Beta Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area Units	SB-105 54 - 60 in. 08/11/99 GD Area 3B pCi/g	SB-105 70 - 76 in. 08/11/99 GD Area 3B pCi/g	SB-106 60 - 72 in. 08/11/99 GD pCi/g	SB-107 84 - 96 in. 08/11/99 GD pCi/g	SB-108 84 - 96 in. 08/11/99 GD Area 3B pCi/g	SB-109 84 - 96 in. 08/11/99 GD pCi/g
Gross Alpha		47384.391	5475	133.555	138.184	96.895	90.834
Gross Beta		39769.322	3157.674	92.512	72.021	50.736 J	52.532

NOTES: U - not detected, J - estimated value, B - data evaluated for blank contamination, I - data evaluated for peak interference, --- - not detected/analyzed.
* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Soil gamma spectroscopy data

GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Borings

Gamma Spectroscopy Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	Units	BK-001 68 - 88 in. 07/12/99 BK	BK-002 84 - 96 in. 07/12/99 BK	SB-003 12 - 18 in. 07/07/99 AT	SB-003 18 - 24 in. 07/07/99 AT	SB-004A 2 - 3 in. 07/07/99 AT	SB-004A 3 - 4 in. 07/07/99 AT	SB-004A 4 - 5 in. 07/07/99 AT	SB-004A 5 - 6 in. 07/07/99 AT	SB-004A 6 - 15 in. 07/07/99 AT
Actinium-228		pCi/g	0.4051	0.4726 U	13.46	1.316	8.762	---	1.045 J	---	---
Bismuth-211		pCi/g	---	---	3.326 U	---	557.7 JI	31.13 JI	12.57 UJI	100.6 JI	7.592 JI
Bismuth-212		pCi/g	---	---	---	0.6243 UJ	---	---	---	---	---
Bismuth-214		pCi/g	---	---	---	0.4593	472.7	49.04	29.31	---	14.89
Cesium-137		pCi/g	0.005537 U	0.01117 U	-0.01502 U	-0.0119 U	0.3808 U	-0.3864 U	0.1582 U	0.5358 U	0.04153 U
Lead-210		pCi/g	---	---	---	---	59.12 UB	45.24 UB	18.16 U	123.5 U	7.46
Lead-211		pCi/g	---	---	---	---	32.49	---	---	---	---
Lead-212		pCi/g	0.2015 U	0.2875	39.73	1.111	7.142	2.243	0.6748	0.5585 J	0.5095
Lead-214		pCi/g	0.439	---	---	0.6248	199	40.8	26.86	17.77	11.61
Potassium-40		pCi/g	7.54	5.102	---	3.799	---	---	2.767 UJ	9.972	2.902
Protactinium-231		pCi/g	---	---	0.0987 UJI	---	10.33 JI	47 JI	---	54.65 JI	---
Protactinium-234		pCi/g	---	---	---	---	---	---	---	---	---
Radium-223		pCi/g	---	---	5.727	0.1101 UJ	20.16	3.561	---	---	0.6104
Radium-224		pCi/g	4.737 JI	---	89.74	0.741 UJI	268.9 JI	23.73 JI	7.38 UJI	75.83 JI	6.235 JI
Radium-226		pCi/g	---	1.128	31.84 UB	---	240.2	5.714 UJ	1.541 UB	---	7.995 UB
Thallium-208		pCi/g	0.0998	0.1338	---	0.385	3.769	0.7495	0.1577 UJ	---	0.2484
Thorium-227		pCi/g	---	---	---	---	17.66	---	---	---	---
Thorium-231		pCi/g	---	---	---	0.9176 UJI	---	---	---	11.93	---
Thorium-234		pCi/g	---	0.5234 JI	261.2 JI	11.08 JI	169 JI	39.54 JI	43.01 JI	47.46 JI	16.18 JI
Uranium-235		pCi/g	---	---	17.36	0.9959	18.15	5.492	3.912	6.269	1.301

NOTES: U - not detected, J - estimated value, B - data evaluated for blank contamination, I - data evaluated for peak interference, --- - not detected/analyzed.
 * Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Table 12
 GTE Operations Support Incorporated
 Former Sylvania Electric Products Facility - Hicksville, NY
 Soil Borings

Gamma Spectroscopy Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area Units	SB-004B 0 - 6 in. 07/07/99 AT Area 1A pCi/g	SB-004C 0 - 6 in. 07/07/99 AT Area 1A pCi/g	SB-004C 6 - 12 in. 07/07/99 AT Area 1A pCi/g	SB-005 12 - 24 in. 07/07/99 AT pCi/g	SB-006 0 - 24 in. 07/08/99 AT pCi/g	SB-009 0 - 6 in. 07/08/99 AT Area 1B pCi/g	SB-009 12 - 24 in. 07/08/99 AT Area 1B pCi/g
Actinium-228	0.2522	---	---	0.1548 J	---	---	3.248	17.36
Bismuth-211	0.1415 UJI	0.2364 UJI	---	---	0.7001 UJI	0.9954 U	0.3729 UJI	0.3868 UJI
Bismuth-212	---	---	---	---	---	---	3.26	22.24
Bismuth-214	0.2659	0.3815	---	---	---	---	---	1.101
Cesium-137	0.004914 U	-0.02149 U	0.01491 U	0.01942 U	0.04447 U	0.01058 U	-0.002827 U	-0.05234 U
Lead-210	---	---	---	---	1.857 UJ	---	---	---
Lead-211	---	---	---	---	---	---	---	---
Lead-212	0.168	0.2124 U	0.1645	0.1463	1.699	0.428	2.952	15.47
Lead-214	0.1535	0.3143 U	0.2	0.07598 UJ	0.7254	0.1328 UJ	0.3317	0.8458
Potassium-40	7.2	---	9.921	4.487	---	8.907	9.082	8.788
Protactinium-231	---	---	---	---	---	---	0.08387 UJI	1.626 UJI
Protactinium-234	---	---	---	---	---	---	---	---
Radium-223	---	---	---	---	---	---	---	1.006
Radium-224	0.3421 UJI	4.879 JI	0.3503 UJI	---	8.008 JI	---	---	18.76 JI
Radium-226	---	1.1E-14 UJB	---	---	---	---	---	---
Thallium-208	0.03651 J	0.001061 UJ	0.07646	0.08276	0.4062	0.1158	0.9702	5.918
Thorium-227	---	---	---	---	---	---	---	---
Thorium-231	---	---	---	---	---	---	---	8.525 JI
Thorium-234	0.5881 UJI	0.2141 UJI	---	1.331 JI	4.451 JI	1.642 UJI	6.307 JI	124.1 JI
Uranium-235	0.04649 U	0.1152 UJB	---	0.08956 UB	0.3721 UB	---	0.2424	6.889

NOTES: U - not detected, J - estimated value, B - data evaluated for blank contamination, I - data evaluated for peak interference, --- - not detected/analyzed.
 * Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Borings

Gamma Spectroscopy Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-009 24 - 36 in. 07/08/99 AT Area 1B pCi/g	SB-009 46 - 48 in. 07/08/99 AT Area 1B pCi/g	SB-009 6 - 12 in. 07/08/99 AT Area 1B pCi/g	SB-009 72 - 96 in. 07/08/99 AT Area 1B pCi/g	SB-009 0 - 12 in. 07/08/99 AT Area 1B pCi/g	SB-009 12 - 24 in. 07/08/99 AT Area 1B pCi/g	SB-009 36 - 48 in. 07/08/99 AT Area 1B pCi/g	SB-009B 12 - 24 in. 07/08/99 AT Area 1B pCi/g	SB-009C 48 - 60 in. 07/08/99 AT Area 1B pCi/g
Actinium-228	23.47	23.47	62.09	16040	5.962	---	0.8623	0.3429 U	22.44	0.4187
Bismuth-211	---	---	---	---	0.3338 UJI	---	---	0.3061 JI	0.01271 UJI	---
Bismuth-212	14.9	14.9	68.2	25340	6.74	---	0.9501 J	---	26.98	---
Bismuth-214	---	---	---	---	0.3156	---	---	---	---	0.1582
Cesium-137	---	---	-0.468 U	-21.03 U	-0.05009 U	0.0168 U	-0.003818 U	-0.03405 U	0.01885 U	0.01192 U
Lead-210	---	---	---	---	---	---	---	---	---	---
Lead-211	---	---	---	---	---	---	---	---	---	---
Lead-212	63.98	63.98	347	3454	4.7 JI	0.6851	0.7965	0.2293	16.38	0.3454
Lead-214	---	---	---	---	0.3838	---	0.5323	0.08548 UJ	0.4128 U	0.2225
Potassium-40	---	---	---	1768	8.026	6.15	6.426	6.252	9.65	6.103
Protactinium-231	48.18 JI	48.18 JI	307 JI	14980 JI	1.104 UJI	---	0.624 UJI	---	4.265 UJI	---
Protactinium-234	---	---	---	---	---	---	---	---	---	---
Radium-223	---	---	35.67	417.4	---	---	---	---	0.9371 U	---
Radium-224	279.9	279.9	1181	99030 JI	7.091 JI	0.5723 UJI	2.047	---	24.17 JI	0.6777 UJI
Radium-226	20.94 U	20.94 U	390.1	---	---	---	1.604 U	1.096	---	---
Thallium-208	---	---	---	8102	1.733	0.3215	0.303	0.03144 UJ	7.726	0.1017
Thorium-227	---	---	---	---	---	---	---	---	---	---
Thorium-231	---	---	---	---	2.273	---	3.091	---	39.01 JI	---
Thorium-234	203.8 JI	203.8 JI	1283 JI	2801 JI	7.986 JI	3.287 JI	52.31 JI	0.3748 UJI	721 JI	0.9157 UJI
Uranium-235	13.83	13.83	55.27	629.6	0.3533	0.2413	2.799	---	40.81	0.1379

NOTES: U - not detected, J - estimated value, B - data evaluated for blank contamination, I - data evaluated for peak interference, --- - not detected/analyzed.
 * Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Table 12
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Borings

Gamma Spectroscopy Data

Compound	Sample ID Depth Interval Sample Date Property *	SB-009C 60 - 72 in. 07/09/99 AT Excavation Area	SB-009D 0 - 6 in. 07/09/99 AT Area 1B	SB-009D 12 - 18 in. 07/09/99 AT Area 1B	SB-009D 18 - 24 in. 07/09/99 AT Area 1B	SB-009D 24 - 30 in. 07/09/99 AT Area 1B	SB-009D 30 - 36 in. 07/09/99 AT Area 1B	SB-009D 48 - 60 in. 07/09/99 AT Area 1B	SB-009D 60 - 72 in. 07/09/99 AT Area 1B	SB-009D 6 - 12 in. 07/09/99 AT Area 1B
	Units	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g
Actinium-228	---	---	4337	108.8	21.96	---	---	44.52	1.212	---
Bismuth-211	0.4539 UJ	---	44.7 U	---	0.4345 JI	1.293	---	2.31 UJ	0.1418 UJI	1.053 UJI
Bismuth-212	---	---	12500	119.6	26.78	---	---	3.407 J	1.566	4.504
Bismuth-214	---	---	27.62	---	---	---	---	---	---	---
Cesium-137	-0.003358 U	-0.01524 U	-2.337 U	-0.3441 UJ	0.006403 U	0.01324 U	---	-0.5617 U	-0.0414 U	0.09739 U
Lead-210	1.187 J	---	---	---	---	---	---	---	---	---
Lead-211	---	---	---	---	---	---	---	---	---	---
Lead-212	0.1657 U	0.4987	2757	565.7	17.07	1.217	---	143.6	0.9403	2.652
Lead-214	---	0.2625	---	---	0.293 U	0.2342	---	---	0.033 UJ	0.2317 UJ
Potassium-40	---	---	925.4	---	5.288	---	---	---	7.292	---
Protactinium-231	---	---	8561	553.8 JI	2.682 UJI	---	---	141.6 JI	0.5673 UJI	1.135 UJI
Protactinium-234	---	---	83.32	---	---	---	---	---	---	---
Radium-223	---	---	420.4	43.53	1.483	---	---	7.494	---	2.258
Radium-224	---	4.662 JI	---	1569	16.58 JI	9.448 JI	---	403.3	2.017 JI	6.082 JI
Radium-226	---	---	4972	625.9	---	---	---	120	---	---
Thallium-208	---	0.2262	3665	---	7.232	0.3592	---	---	0.4384	0.7136
Thorium-227	---	---	---	---	---	---	---	---	---	---
Thorium-231	---	---	---	---	5.506 JI	---	---	---	---	---
Thorium-234	---	0.9992 JI	4371 JI	950.3 JI	64.41 JI	3.615 JI	---	399 JI	2.508 JI	188.1 JI
Uranium-235	---	0.06286 J	389	29.35	3.481	0.2397	---	23.24	0.1342	7.933

NOTES: U - not detected, J - estimated value, B - data evaluated for blank contamination, I - data evaluated for peak interference, --- - not detected/analyzed.
 * Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Table 12
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Borings

Gamma Spectroscopy Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-009E 0 - 12 in. 07/09/99 AT Area 1B pCi/g	SB-009E 12 - 24 in. 07/09/99 AT Area 1B pCi/g	SB-009E 24 - 36 in. 07/09/99 AT Area 1B pCi/g	SB-009E 36 - 48 in. 07/09/99 AT Area 1B pCi/g	SB-009E 48 - 60 in. 07/09/99 AT Area 1B pCi/g	SB-009E 60 - 72 in. 07/09/99 AT Area 1B pCi/g	SB-009E 72 - 84 in. 07/09/99 AT Area 1B pCi/g	SB-010B 0 - 24 in. 07/09/99 AT Area 1B pCi/g
Actinium-228		0.4412	1.462 U	---	0.6055	---	0.3405	---	0.906
Bismuth-211		0.03229 UJI	0.4344 UJI	2.217 U	0.004692 UJI	---	---	0.7225 UJI	0.6203
Bismuth-212		---	0.757 UJ	---	1.401	---	---	---	---
Bismuth-214		0.3099	0.6697	1.073	0.235	---	---	---	3.502
Cesium-137		0.02155	0.0352 U	0.04155 U	0.008244 U	0.001497 U	-0.0008254 U	0.05041 U	0.1173
Lead-210		---	---	---	---	---	---	---	---
Lead-211		---	---	---	---	---	---	---	---
Lead-212		0.3386	1.339	1.847	0.4624	0.2889	0.2437	1.132	0.6983
Lead-214		0.2659	0.5809	0.6445	0.3382	0.3408	0.2249	0.5485	2.8
Potassium-40		6.889	7.343	---	5.48	---	3.488	---	9.073
Protactinium-231		---	0.6959 UJI	---	---	---	---	---	---
Protactinium-234		---	---	---	---	---	---	---	---
Radium-223		---	3.091	---	---	---	---	---	0.2645 J
Radium-224		0.1671 UJI	1.508 UJI	9.855 JI	0.037 UJI	4.596 JI	---	4.89 JI	0.3206 J
Radium-226		---	5.909	---	---	---	---	---	3.089
Thallium-208		0.1204	0.4695	0.557	0.1517	0.09067 U	0.07982	0.4906	0.2965
Thorium-227		---	---	---	---	---	---	---	---
Thorium-231		---	0.839 UJ	---	---	---	---	---	0.6693 J
Thorium-234		3.329 JI	256.3 JI	31.81 JI	5.217 JI	7.644 JI	0.7795 JI	8.065 JI	26.93
Uranium-235		0.2545	14.1	1.937	0.1907	0.5552	0.09258	0.8359	1.628

NOTES: U - not detected, J - estimated value, B - data evaluated for blank contamination, I - data evaluated for peak interference, --- - not detected/analyzed.
 * Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Borings

Gamma Spectroscopy Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-010B 24 - 48 in. 07/09/99 AT	SB-010B 48 - 72 in. 07/09/99 AT	SB-012 120 - 144 in. 07/09/99 AT	SB-013 120 - 144 in. 07/09/99 AT	SB-014 96 - 132 in. 07/09/99 AT	SB-015 108 - 120 in. 07/10/99 MD	SB-015 12 - 24 in. 07/10/99 MD	SB-015 144 - 159 in. 07/10/99 MD	SB-015 159 - 174 in. 07/10/99 MD
	Units	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g
Actinium-228	---	---	0.7481	0.621	---	---	1.81	4.357	1.323	1.396
Bismuth-211	---	---	---	0.01038 UJ	---	---	---	1.02 U	---	0.392 U
Bismuth-212	---	---	0.5281 UJ	---	---	---	2.328	5.196	1.065	2.341
Bismuth-214	3.149	---	---	0.3399	---	---	---	0.2452	0.09306 J	---
Cesium-137	0.109 U	---	-0.0074 U	-0.01262 U	0.04109 U	0.03591 U	-0.01639 U	-0.006424 U	0.0002743 U	-0.0478 U
Lead-210	1.817 J	---	---	---	---	---	---	---	---	---
Lead-211	---	---	---	---	---	---	---	---	---	---
Lead-212	0.5464	---	0.6329	0.5001	0.1209 UJ	0.2017	1.468	3.527	1.14	1.345
Lead-214	2.762	---	0.02381 UJ	0.2967	0.2715	---	0.06986 UJ	---	0.1297	---
Potassium-40	10.63	---	6.323	6.209	---	---	4.839	5.763	4.441	2.795 UB
Protactinium-231	---	---	0.03134 UJ	---	---	---	---	0.3338 UJ	0.2765 UJ	0.9493 UJ
Protactinium-234	---	---	---	---	---	---	---	---	---	---
Radium-223	---	---	---	---	---	---	---	0.2181 UJ	0.06362 UJ	0.03762 UJ
Radium-224	---	---	0.6592 UJ	---	5.135 JI	2.531 JI	2.387 JI	5.56	1.73 JI	---
Radium-226	7.658	---	0.3995 UJ	---	---	---	---	10.83 U	1.613 U	---
Thallium-208	0.1121	---	0.1612	0.1527	---	0.07907	0.55	1.359	0.44	0.6501
Thorium-227	---	---	---	---	---	---	---	---	---	---
Thorium-231	---	---	---	---	---	---	1.425	5.52 JI	2.014 JI	2.344 JI
Thorium-234	14.15	---	0.9817 J	5.761 JI	1.448 UJ	0.4162 UJ	20.87 JI	109.2 JI	32.49 JI	223.53 JI
Uranium-235	0.8626	---	0.105 U	0.3573	---	0.1104	1.268	5.814	1.722	1.365 U

NOTES: U - not detected, J - estimated value, B - data evaluated for blank contamination, I - data evaluated for peak interference, --- - not detected/analyzed.
* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Gamma Spectroscopy Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-015 24 - 36 in. 07/10/99 MD	SB-015 3 - 12 in. 07/10/99 MD	SB-015 48 - 66 in. 07/10/99 MD	SB-015 66 - 84 in. 07/10/99 MD	SB-015 96 - 108 in. 07/10/99 MD	SB-016 0 - 12 in. 07/10/99 MD	SB-016 108 - 132 in. 07/10/99 MD	SB-016 12 - 30 in. 07/10/99 MD	SB-016 30 - 42 in. 07/10/99 MD
	Units	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g
Actinium-228	---	---	---	4.409	---	---	---	---	1.778	---
Bismuth-211	0.6359 U	0.9157 U	---	---	---	0.7433 U	0.4062 UJ	0.9254 U	0.1466 UJ	0.8521 UJ
Bismuth-212	---	2.063	4.124	---	---	---	---	---	2.749	---
Bismuth-214	---	---	0.2225	---	---	---	0.3824	---	0.2344	0.4846
Cesium-137	0.01232 U	-0.03066 U	-0.006126 U	-0.04197 U	0.02389 U	0.006854 U	0.0492 UJ	0.02539 U	-0.002974 U	0.0009876 U
Lead-210	---	---	---	---	---	---	---	1.227 UJ	---	---
Lead-211	---	---	---	---	---	---	---	---	---	---
Lead-212	0.9256	1.924	3.169 U	1.924	3.042	0.3582	0.7915	---	1.545	1.028
Lead-214	---	---	0.1327 J	---	---	0.2398 U	---	---	0.2127	0.1894 U
Potassium-40	---	---	5.301	---	---	---	---	---	5.717	---
Protactinium-231	---	---	1.69 UJ	---	---	---	---	---	1.979 JI	---
Protactinium-234	---	---	---	---	---	---	---	---	---	---
Radium-223	---	---	---	---	---	---	---	---	---	0.4939
Radium-224	3.229	3.52	3.789 JI	---	---	7.644 JI	---	---	2.346 JI	5.004 JI
Radium-226	---	---	---	---	---	---	---	---	---	8.061
Thallium-208	0.291	0.6708	1.141	0.6249	0.9337	0.1796	0.254	0.5136	0.3998	---
Thorium-227	---	---	---	---	---	---	---	---	---	---
Thorium-231	---	---	2.96	---	---	---	---	---	1.635	---
Thorium-234	32.84 JI	21.26 JI	40.1 JI	12.63 JI	20.35 JI	7.137 JI	9.79 JI	30.88 JI	27.59 JI	---
Uranium-235	1.586	1.379	2.541	0.8798	1.612	0.3501	0.6616	1.87	---	1.503

NOTES: U - not detected, J - estimated value, B - data evaluated for blank contamination, I - data evaluated for peak interference, --- - not detected/analyzed.
 * Properties are: AT - Air Techniques, GiD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Borings

Gamma Spectroscopy Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area Units	SB-016 48 - 60 in. 07/10/99 MD	SB-016 60 - 72 in. 07/10/99 MD	SB-016 72 - 96 in. 07/10/99 MD	SB-017A 18 - 36 in. 07/10/99 MD	SB-017A 36 - 46 in. 07/10/99 MD	SB-017A 48 - 54 in. 07/10/99 MD	SB-017A 54 - 60 in. 07/10/99 MD	SB-017B 0 - 24 in. 07/10/99 MD	SB-017B 144 - 196 in. 07/10/99 MD
		pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g
Actinium-228		0.7045	---	0.3581	2.334	---	1.45	---	1.375	5.381
Bismuth-211		---	---	0.01352 UJI	0.06809 UJI	0.8072 UJI	---	0.9851 U	---	0.525 UJI
Bismuth-212		---	---	0.08724 UJ	2.845	---	1.016 UJ	---	1.087 J	5.181
Bismuth-214		---	---	0.1088	---	---	---	---	0.1257 UJ	0.2022
Cesium-137		-0.01319 U	-0.02859 U	0.00102 U	0.01673 UJ	0.03414 U	0.03286 U	-0.03668 UJ	0.01604 UJ	-0.001058 U
Lead-210		---	---	---	---	---	---	---	---	---
Lead-211		---	---	---	---	---	---	---	---	---
Lead-212		0.6385	0.2676	0.288	1.716	1.88	1.205	1.25	1.152	4.075
Lead-214		0.1397	---	0.1604	0.1403 U	0.2128 UJ	0.2368	---	0.2773	0.08388 UJ
Potassium-40		6.226	---	5.626	4.223	1.201 UB	4.33	---	3.255 UB	5.755
Protactinium-231		0.441 UJI	---	---	---	---	1.98 UJI	---	---	---
Protactinium-234		---	---	---	---	---	---	---	---	---
Radium-223		0.16 UJ	---	---	---	0.8183	---	---	0.1419 UJ	0.1664 UJ
Radium-224		---	---	---	2.598 JI	2.845 JI	0.7285 UJI	---	---	6.079 JI
Radium-226		---	---	---	---	1.618 J	---	---	---	---
Thallium-208		0.2223	---	0.07709	0.7221	0.587	0.3835	0.3092	0.3806	1.507
Thorium-227		---	---	---	---	---	---	---	---	---
Thorium-231		0.5707 UJI	0.8949 JI	0.8888	2.348	---	2.93	17.65	0.95 UJI	3.562 JI
Thorium-234		20.85 JI	25.76 JI	10.13 UJI	29.08 JI	5.916 JI	62.28 JI	470.1 JI	26.16 JI	25.03 JI
Uranium-235		1.18	1.401	0.5515	1.776	3.593	3.518	20.81	1.517	2.467

NOTES: U - not detected, J - estimated value, B - data evaluated for blank contamination, I - data evaluated for peak interference, --- - not detected/analyzed.
* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Table 12
 GTE Operations Support Incorporated
 Former Sylvania Electric Products Facility - Hicksville, NY
 Soil Borings

Gamma Spectroscopy Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-017B 24 - 48 in. 07/10/99 MD pCi/g	SB-023B 108 - 120 in. 07/11/99 GD pCi/g	SB-024 120 - 132 in. 07/11/99 GD pCi/g	SB-024 66 - 84 in. 07/11/99 GD pCi/g	SB-025 0 - 18 in. 07/11/99 GD pCi/g	SB-025 18 - 30 in. 07/11/99 GD pCi/g	SB-027 28 - 42 in. 07/12/99 GC Area 3A pCi/g	SB-028 32 - 46 in. 07/12/99 GC Area 3A pCi/g	SB-029 30 - 42 in. 07/12/99 GC Area 3A pCi/g
Actinium-228	---	---	18.06	0.7212	---	---	0.7143	0.3576	0.5025	---
Bismuth-211	---	---	2.783 U	0.354 UJ	---	1.3E-15 JI	0.616 UJI	0.05043 UJI	0.2647 UJI	---
Bismuth-212	5.469	---	18.63	---	---	---	---	0.8511	---	---
Bismuth-214	---	---	---	---	---	---	0.3678	0.3082	0.3653	0.1283
Cesium-137	0.01462 U	---	0.04823 U	0.0312 U	-0.6778 U	0.06619 U	0.02849 U	-0.005641 U	0.01855 U	0.009943 U
Lead-210	---	---	---	---	---	---	---	---	---	---
Lead-211	---	---	---	---	---	---	---	---	---	---
Lead-212	3.327	---	13.82	0.3967 J	33.4	0.3556 UJ	0.6417 J	0.3277	0.4053	0.3415
Lead-214	0.4697	---	---	---	---	0.6778	0.2145 U	0.2857	0.2499	---
Potassium-40	1.574 UB	---	7.423	---	---	---	5.616	7.366	8.564	---
Protactinium-231	---	---	5.829 U	---	144.5 JI	---	---	---	---	---
Protactinium-234	---	---	2.698	---	---	---	---	---	---	---
Radium-223	0.6114	---	1.135 J	---	32.06	2.581	---	---	---	---
Radium-224	---	---	16.98	---	1126 JI	29.22 JI	0.8532 UJI	---	0.6337 UJI	1.62 UJI
Radium-226	0.279 UJ	---	---	---	13440	47.49	---	---	---	---
Thallium-208	0.9307	---	5.811	0.1891	31.1	0.7136	0.2232	0.1342	0.1601	---
Thorium-227	---	---	---	---	32.16	---	---	---	---	---
Thorium-231	---	---	47.49 JI	13.81	334.9 JI	---	0.7647 J	---	---	---
Thorium-234	50.55 JI	---	968.5 JI	283.6 JI	4601 JI	252.1 JI	10.29 JI	1.569 JI	0.3543 UJI	1.38
Uranium-235	2.235	---	57.81	14.64	495.3	11.17	0.5733	0.0435	0.04422 U	---

NOTES: U - not detected, J - estimated value, B - data evaluated for blank contamination, I - data evaluated for peak interference, --- - not detected/analyzed.
 * Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Borings

Gamma Spectroscopy Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area Units	SB-030A 8 - 27 in. 07/12/99 GC Area 2 pCi/g	SB-030B 20 - 33 in. 07/12/99 GC Area 2 pCi/g	SB-031 24 - 30 in. 07/12/99 GC Area 2 pCi/g	SB-032 15 - 33 in. 07/12/99 GC Area 2 pCi/g	SB-033 24 - 36 in. 07/12/99 GC Area 2 pCi/g	SB-034 18 - 30 in. 07/12/99 GC Area 2 pCi/g	SB-036 0 - 24 in. 07/12/99 GD Area 3A pCi/g	SB-036 48 - 60 in. 07/12/99 GD Area 3A pCi/g	SB-037 0 - 12 in. 07/13/99 GD pCi/g
Actinium-228		1.002	---	0.8606	0.7753	---	0.9278	---	0.3489	0.7126
Bismuth-211		0.5406 UJI	---	0.7928 JI	---	---	0.6145 JI	---	0.1087 UJI	0.1587 UJI
Bismuth-212		0.7469 UJ	---	1.143	---	---	---	---	---	---
Bismuth-214		0.693	---	0.5986	---	0.4983	0.4498	---	0.2584	---
Cesium-137		-0.01821 U	-0.0008642 U	-0.003607 U	-0.01477 UJ	0.01683 U	0.01412 U	0.1375 U	-0.01381 U	0.1001 U
Lead-210		---	---	---	1.85 UB	1.515 UB	---	---	---	---
Lead-211		---	---	---	---	---	---	---	---	---
Lead-212		0.7845	0.2637	0.6435	0.7006	0.594	0.6439	0.1337 UJ	0.2629	0.7576
Lead-214		0.5586	0.5099	0.3384	0.7428	0.5409	0.3598	0.7424	0.2898	0.3949 U
Potassium-40		9.024	---	7.555	---	---	8.236	10.5	6.002	---
Protactinium-231		0.8082 UJI	---	---	---	0.7067 UJI	---	---	---	---
Protactinium-234		---	---	---	---	---	---	---	---	---
Radium-223		---	0.09578 J	---	---	---	---	0.2536 UJ	---	---
Radium-224		1.789 JI	8.006 JI	0.5547 UJI	3.39 JI	4.135 JI	0.6017 UJI	18.47 JI	0.332 UJI	7.88 JI
Radium-226		---	---	0.4689 UJ	---	---	---	40.12	---	0.2806 UJ
Thallium-208		0.3094	0.1624	0.2741	---	0.163	0.2745	0.534	0.1479	0.298
Thorium-227		---	---	---	---	---	---	---	---	---
Thorium-231		---	---	---	---	---	---	---	---	---
Thorium-234		0.5808 UJI	1.491 JI	1.606 JI	2.448 JI	2.453 JI	1.508 JI	216.9 JI	3.209 JI	28.44 JI
Uranium-235		0.1144	---	0.0507	0.1425	0.03862 UJ	0.0784	9.407	0.1811	1.668

NOTES: U - not detected, J - estimated value, B - data evaluated for blank contamination, I - data evaluated for peak interference, --- - not detected/analyzed.
 * Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Table 12
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Borings

Gamma Spectroscopy Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-037 12 - 24 in. 07/13/99 GD	SB-037 96 - 126 in. 07/13/99 GD	SB-038 0 - 18 in. 07/13/99 GD	SB-038 48 - 60 in. 07/13/99 GD	SB-040 0 - 24 in. 07/13/99 GD	SB-040 48 - 60 in. 07/13/99 GD	SB-041 108 - 120 in. 07/13/99 GD	SB-041 12 - 18 in. 07/13/99 GD	SB-041 78 - 90 in. 07/13/99 GD
	Units	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g
Actinium-228		2.039	---	2.932	---	---	---	---	3.562	---
Bismuth-211		0.03798 UJI	0.1175 UJI	---	1.24 JI	1.772 JI	0.06116 UJI	---	0.4863 UJI	0.9217 U
Bismuth-212		2.695	---	3.811	---	3.518	---	---	4.076	---
Bismuth-214		0.7069	---	0.4408	0.6166	---	---	---	0.975	---
Cesium-137		0.04276 UJ	-0.006608 U	0.1285 UB	0.06614 U	0.0577 U	-0.003341 U	0.00663 U	0.05097 U	-0.0067 U
Lead-210		---	---	---	3.311 UB	---	---	---	---	---
Lead-211		---	---	---	---	---	---	---	---	---
Lead-212		1.71	0.1199 J	2.423	0.9301	3.111	0.24	0.1955	3.224	0.2681
Lead-214		0.4861	0.2411	0.4165	0.1077 UJ	0.3983 U	0.2031	---	0.793	---
Potassium-40		7.917	---	7.6	10.67	2.189	6.101	5.394	9.27	1.285
Protactinium-231		---	---	0.4366 UJI	---	0.5991 UJI	---	---	0.3764 UJI	---
Protactinium-234		---	---	---	---	---	---	---	---	---
Radium-223		0.1617 UJ	---	0.2248 UJ	---	1.172	---	---	0.1259 UJ	---
Radium-224		2.416 JI	---	3.79 JI	1.805 JI	5.212 JI	---	2.147 JI	4.173 JI	---
Radium-226		0.6346 UJ	---	---	---	4.657 U	---	---	2.702 UJ	3.719 U
Thallium-208		0.5943	---	1.026	0.1987	---	0.0846	0.04998	1.208	---
Thorium-227		---	---	---	---	---	---	---	---	---
Thorium-231		3.724 JI	---	3.042 JI	---	---	---	---	22.38 JI	1.245 JI
Thorium-234		65.05 JI	11.94 JI	74.86 JI	5.039 JI	85.32 JI	1.55 JI	13.17 JI	434 JI	40.96
Uranium-235		3.856	0.8235	4.301	0.4779	3.135	0.1017	0.6671	25.08	2.447

NOTES: U - not detected, J - estimated value, B - data evaluated for blank contamination, I - data evaluated for peak interference, --- - not detected/analyzed.
 * Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Table 12
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Borings

Gamma Spectroscopy Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-045 202 - 212 in. 07/14/99 GD Area 3C	SB-045 72 - 78 in. 07/14/99 GD Area 3C	SB-051 72 - 84 in. 07/15/99 GD	SB-053 12 - 24 in. 07/15/99 GD	SB-062 12 - 18 in. 07/16/99 GD	SB-062 6 - 12 in. 07/16/99 GD	SB-064 18 - 24 in. 07/19/99 MD	SB-064 48 - 60 in. 07/19/99 MD	SB-068 18 - 30 in. 07/19/99 MD
	Units	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g
Actinium-228	---	---	117.9	---	0.9665	---	1.522	4.02	---	---
Bismuth-211	---	0.5599 U	---	0.09467 UJI	---	---	0.3336 UJI	0.4921 UJI	1.265 U	---
Bismuth-212	---	---	---	0.9489	---	---	1.301	5.336	---	---
Bismuth-214	---	---	---	---	---	0.7213	0.3724	0.6922	---	---
Cesium-137	---	0.01269 U	-2.02 U	0.005467 U	0.02893 U	0.4708 U	0.07916 UB	0.15 UB	0.1306 U	0.03996 U
Lead-210	---	---	---	---	---	---	---	---	---	---
Lead-211	---	---	---	---	---	---	---	---	---	---
Lead-212	---	0.1825	246.8	0.276	0.3954	1.623	1.228	3.122	2.203	1.538
Lead-214	---	---	---	0.2228	0.4498	1.214	0.2332	0.3271	---	0.7505
Potassium-40	---	---	---	7.056	---	---	5.773	8.065	9.429	---
Protactinium-231	---	---	569.2 JI	1.038 UJI	---	---	0.1835 UJI	0.791 UJI	---	---
Protactinium-234	---	---	57.4	---	---	---	---	---	---	---
Radium-223	---	---	143.6	---	---	---	0.1436 UJ	0.211 UJ	0.2555 J	1.395
Radium-224	---	---	6575 JI	---	7.133 JI	---	1.668 JI	4.286 JI	3.798	16.89 JI
Radium-226	---	---	17260	---	---	---	---	---	---	---
Thallium-208	---	0.08798	---	0.1091	---	0.4711	0.4158	1.317	---	---
Thorium-227	---	---	---	---	---	---	---	---	---	---
Thorium-231	---	0.6412 J	1405 JI	---	---	---	2.018 JI	4.081 JI	---	---
Thorium-234	---	17.98 JI	22600 JI	8.216 JI	6.31 JI	42.48 JI	39.85 JI	79.66 JI	29.16 JI	125 JI
Uranium-235	---	1.044	1870	0.4618	0.4124	2.826	2.518	4.446	2.184	5.11

NOTES: U - not detected, J - estimated value, B - data evaluated for blank contamination, I - data evaluated for peak interference, --- - not detected/analyzed.
* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Table 12
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Borings

Gamma Spectroscopy Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-068 54 - 66 in. 07/19/99 MD	SB-071 18 - 30 in. 07/20/99 MD	SB-071 66 - 72 in. 07/20/99 MD	SB-072 72 - 78 in. 07/20/99 MD	SB-076 48 - 64 in. 07/20/99 MD	SB-077 126 - 132 in. 07/21/99 MD	SB-078 126 - 138 in. 07/21/99 MD	SB-079 72 - 74 in. 07/21/99 MD	SB-082 24 - 30 in. 07/21/99 MD
	Units	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g
Actinium-228	---	---	2.405	12.42 J	---	0.8165	15.05	---	18	5.435
Bismuth-211	---	---	0.2924 UJI	0.07739 UJI	2.375 U	0.2724 UJI	---	---	1.811 U	---
Bismuth-212	---	---	2.805	15.6 J	---	---	---	1.765	18.78	23.06
Bismuth-214	---	---	0.399	---	---	0.5024	---	---	---	---
Cesium-137	-0.006112 U	---	0.04318 U	0.1693 U	0.009858 U	0.008026 U	0.02767 UJ	0.04044 U	-0.09545 U	-0.002262 U
Lead-210	---	---	---	---	---	---	---	---	---	---
Lead-211	---	---	---	---	---	---	---	---	---	---
Lead-212	0.2283	---	1.859	9.866	4.282	0.6531	19.79	1.007	12.73	15.5
Lead-214	0.2428	---	0.2504	0.5636	---	0.3093	---	---	---	---
Potassium-40	6.746	---	8.862	9.408	---	7.336	---	---	13.55	---
Protactinium-231	---	---	---	0.2607 UJI	---	---	13.64 JI	---	5.186 UJI	10.52 JI
Protactinium-234	---	---	---	---	---	---	---	---	---	---
Radium-223	---	---	---	1.05	0.9865	---	3.702	0.7756	2.501	3.706
Radium-224	---	---	2.127 JI	14.01 JI	---	---	0.02976 UJI	---	20.81	51.11
Radium-226	---	---	---	---	22.99	1.35 U	41.93	18.6	---	36
Thallium-208	0.1175	---	0.7187	4.193 J	1.7	0.286	1.538	0.3101	5.34	---
Thorium-227	---	---	---	---	---	---	---	---	---	---
Thorium-231	---	---	2.647	17.95 JI	---	3.36	---	---	18.86 JI	---
Thorium-234	1.031 JI	---	38.32 JI	362.5 JI	10.5 UJI	59.16 JI	256.5 JI	61 JI	468.8 JI	231.1 JI
Uranium-235	0.05324	---	2.244	21.53	4.191	3.412	14.11	3.288	27.89	12.16

NOTES: U - not detected, J - estimated value, B - data evaluated for blank contamination, I - data evaluated for peak interference, --- - not detected/analyzed.
 * Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Borings

Gamma Spectroscopy Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-098 24 - 30 in. 08/09/99 MD	SB-099 72 - 78 in. 08/10/99 MD	SB-100 68 - 90 in. 08/10/99 MD	SB-101B 40 - 46 in. 08/10/99 MD	SB-102 60 - 66 in. 08/10/99 MD	SB-103 118 - 130 in. 08/10/99 MD	SB-104 72 - 84 in. 08/10/99 MD	SB-105 30 - 40 in. 08/11/99 GD Area 3B	SB-105 54 - 60 in. 08/11/99 GD Area 3B
	Units	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g
Actinium-228		1.268	---	---	0.8661	---	0.8107	---	---	3.952
Bismuth-211		0.1102 UJI	---	0.7032 UJI	0.5477 UJI	0.1188 UJI	0.2696 UJI	---	1.435 U	---
Bismuth-212		0.6137 UJ	---	---	0.9414	---	---	---	---	---
Bismuth-214		0.8105	---	---	---	---	---	0.9113	---	---
Cesium-137		0.0133 U	-1.051 U	0.01089 U	-0.02523 UJ	-0.03063 U	0.002207 U	0.1771 U	0.07062 U	-405 U
Lead-210		---	---	---	---	---	---	---	---	---
Lead-211		---	---	---	---	---	---	---	---	---
Lead-212		0.8961	0.4	0.4257	0.5197	0.2849 U	0.5579	0.4617	0.4763	3.654
Lead-214		0.712	0.5498	0.3846	0.3516	0.5652	0.4106	0.4698	---	---
Potassium-40		10.51	62.62	53.23	10.86	54.09	10.96	48.47	50.29	4.374 UB
Protactinium-231		---	---	---	---	---	---	---	---	---
Protactinium-234		---	---	---	---	---	---	---	---	37.69
Radium-223		---	---	---	---	---	---	---	---	5.078
Radium-224		1.274 UJI	0.7706 UJI	---	0.7652 UJI	3.934 JI	1.035 UJI	1.589 UJI	---	9.175 UJ
Radium-226		---	---	0.00000000000051 UJ	---	---	---	---	4.551	2054
Thallium-208		0.3878	---	0.256 UJ	0.242	0.7188	0.1756	0.718	1.318	1.804
Thorium-227		---	---	---	---	---	---	---	---	---
Thorium-231		2.307	---	---	---	---	---	---	9.135	521.7 JI
Thorium-234		20.91 UJI	14.38 JI	2.491 JI	0.5659 UJI	4.479 JI	3.258 JI	6.387 JI	183.3 JI	6023 JI
Uranium-235		2.426	0.6961	0.04759 UJ	0.183	0.21	0.2118	0.2155	7.685	802.8

NOTES: U - not detected, J - estimated value, B - data evaluated for blank contamination, I - data evaluated for peak interference, --- - not detected/analyzed.
 * Properties are: AT - Air Techniques, MD - Magazine Displays, GC - Golf Course, BK - Background, DPW - Department of Public Works.

GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Borings

Gamma Spectroscopy Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area Units	SB-105 70 - 76 in. GD Area 3B pCi/g	SB-106 60 - 72 in. GD pCi/g	SB-107 84 - 96 in. GD pCi/g	SB-108 84 - 96 in. GD Area 3B pCi/g	SB-109 84 - 96 in. GD pCi/g
Actinium-228	---	---	1.158	---	---	0.4433
Bismuth-211	---	---	0.0242 UJI	1.361 U	---	0.3364 UJI
Bismuth-212	---	---	1.27	---	---	---
Bismuth-214	---	---	0.3294	---	---	---
Cesium-137	---	-1.155 U	0.01685 U	-0.8365 U	-1.1018 U	0.00763 U
Lead-210	---	---	---	---	---	---
Lead-211	---	---	---	---	---	---
Lead-212	0.5649	---	0.7513	0.4195	0.2631	0.2309
Lead-214	---	---	0.5724	---	0.3302	0.1689
Potassium-40	47.82	---	11.03	55.4	60.01	8.145
Protactinium-231	---	---	0.5111 UJI	---	---	---
Protactinium-234	---	---	---	---	---	---
Radium-223	---	---	0.3773	---	---	0.1696 UJ
Radium-224	---	---	---	4.607 JI	---	---
Radium-226	118.8	---	---	7.091 U	1.984 U	---
Thallium-208	---	---	0.2753	---	0.5317	0.0971
Thorium-227	---	---	---	---	---	---
Thorium-231	90.26	---	1.063 UJI	1.445	---	2.306 JI
Thorium-234	1376 JI	---	45.63 JI	43.95 JI	25.2 JI	28.09 JI
Uranium-235	58.95	---	2.396	1.76	0.9383	1.578

NOTES: U - not detected, J - estimated value, B - data evaluated for blank contamination, I - data evaluated for peak interference, --- - not detected/analyzed.
* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Soil alpha spectroscopy data

Alpha Spectroscopy Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-003 12 - 18 in. 07/07/99 AT Area 1C pCi/g	SB-004A 2 - 3 in. 07/07/99 AT Area 1A pCi/g	SB-009E 0 - 12 in. 07/09/99 AT Area 1B pCi/g	SB-016 30 - 42 in. 07/10/99 MD pCi/g	SB-022 48 - 96 in. 07/11/99 GD pCi/g	SB-023B 108 - 120 in. 07/11/99 GD pCi/g	SB-024 66 - 84 in. 07/11/99 GD Area 3C pCi/g	SB-037 12 - 24 in. 07/13/99 GD pCi/g	SB-037 168 - 192 in. 07/13/99 GD pCi/g
Thorium-228	---	---	31.4 J	0.428 UB	---	0.0589 UB	0.249 UB	37.8 J	3.91 UJB	-0.419 UB
Thorium-230	---	---	1440 J	0.603 UB	---	0.433 UB	0.666 UB	16.9 J	1.85 UJB	0.0687 UB
Thorium-232	---	---	67.9 J	1.71 UB	---	0.235 UB	10.9	334 J	7.36 J	0.965 UB
Radium-226	30.01	---	---	---	1.28	---	---	---	---	---
Uranium-233/234	---	---	43.3	22.9	---	1.14 UB	319 J	---	184 J	1.01 UB
Uranium-235/236	---	---	9.54	1.34 UB	---	0.0424 UJB	19.8 J	---	9.74 J	-0.0115 UJB
Uranium-238	---	---	46.5	21	---	1.32 UB	329 J	---	188 J	1.16 UB

NOTES: U - not detected, J - estimated value, B - data evaluated for blank contamination, I - data evaluated for peak interference, --- - not detected/analyzed.
* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Table 13
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Borings

Alpha Spectroscopy Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-040 0 - 24 in. 07/13/99 GD	SB-041 12 - 18 in. 07/13/99 GD	SB-049 144 - 156 in. 07/14/99 GD	SB-059 120 - 144 in. 07/16/99 GD	SB-082 180 - 192 in. 07/21/99 MD	SB-089 168 - 192 in. 07/22/99 MD	SB-105 70 - 76 in. 08/11/99 GD
	Units	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	pCi/g	Area 3B pCi/g
Thorium-228		3.59 UJB	1.13 UB	-0.401 UB	-0.476 UB	-0.435 UB	-0.425 UB	---
Thorium-230		2.68 UJB	1.82 UB	0.278 UB	0.0416 UB	0.14 UB	0.203 UB	---
Thorium-232		5.54 J	24	9.9	1.19 UB	1.97 UB	0.861 UB	---
Radium-226		---	---	---	---	---	---	2.35
Uranium-233/234		78.7	1060 J	291 J	13.1	22.4	0.258 UB	---
Uranium-235/236		4.34	117 J	20 J	2.35	1.19 UB	0.0117 UB	---
Uranium-238		86.9	1190 J	291 J	14.7	20.5	0.332 UB	---

NOTES: U - not detected, J - estimated value, B - data evaluated for blank contamination, I - data evaluated for peak interference, --- - not detected/analyzed.
 * Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Soil volatile organic compound data

GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Boring

Volatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property *	Excavation Area Units	SB-005 96 - 120 in. 07/07/99 AT	SB-006 0 - 24 in. 07/08/99 AT	SB-010B 48 - 72 in. 07/09/99 AT	SB-012 120 - 144 in. 07/09/99 AT	SB-013 0 - 24 in. 07/09/99 AT	SB-013 120 - 144 in. 07/09/99 AT	SB-014 96 - 132 in. 07/09/99 AT	SB-017A 30 - 36 in. 07/10/99 MD	SB-018 48 - 96 in. 07/10/99 GD
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
1,1,1-Trichloroethane			0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.54 U	0.003 U
1,1,2,2-Tetrachloroethane			0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.54 U	0.003 U
1,1,2-Trichloroethane			0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.54 U	0.003 U
1,1-Dichloroethane			0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.54 U	0.003 U
1,1-Dichloroethene			0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.54 U	0.003 U
1,2-Dichloroethane			0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.54 U	0.003 U
1,2-Dichloropropane			0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.54 U	0.003 U
2-Butanone (MEK)			0.01 U	0.01 U	0.011 U	0.011 U	0.011 U	0.01 U	0.01 U	2.2 U	0.011 U
2-Hexanone			0.005 U	0.005 U	0.005 U	0.005 U	0.006 U	0.005 U	0.005 U	1.1 U	0.005 U
4-Methyl-2-pentanone (MIBK)			0.005 U	0.005 U	0.005 U	0.005 U	0.006 U	0.005 U	0.005 U	1.1 U	0.005 U
Acetone			0.01 U	0.01 U	0.011 U	0.011 U	0.011 U	0.002 J	0.01 U	R	0.011 U
Benzene			0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.54 U	0.003 U
Bromodichloromethane			0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.54 U	0.003 U
Bromoform			0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.54 U	0.003 U
Bromomethane			0.005 U	0.005 U	0.005 U	0.005 U	0.006 U	0.005 U	0.005 U	1.1 U	0.005 U
Carbon disulfide			0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.54 U	0.003 U
Carbon tetrachloride			0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.54 U	0.003 U
Chlorobenzene			0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.54 U	0.003 U
Chloroethane			0.005 U	0.005 U	0.005 U	0.005 U	0.006 U	0.005 U	0.005 U	1.1 U	0.005 U
Chloroform			0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.54 U	0.003 U
Chloromethane			0.005 U	0.005 U	0.005 U	0.005 U	0.006 U	0.005 U	0.005 U	1.1 U	0.005 U
Dibromochloromethane			0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.54 U	0.003 U
Ethylbenzene			0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.54 U	0.003 U
Methylene chloride			0.005 U	0.005 U	0.005 U	0.005 U	0.002 J	0.003 J	0.005 U	1.1 U	0.005 U
Styrene			0.003 U	0.003 U	0.003 U	0.003 U	0.008	0.003 U	0.003 U	0.54 U	0.003 U

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, R - unusable.

* Properties are: AT - Air Techniques, MD - Magazine Displays, BK - Backgroud, DPW - Department of Public Works.

Volatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-005 96 - 120 in. 07/07/99 AT	SB-006 0 - 24 in. 07/08/99 AT	SB-010B 48 - 72 in. 07/09/99 AT	SB-012 120 - 144 in. 07/09/99 AT	SB-013 0 - 24 in. 07/09/99 AT	SB-013 120 - 144 in. 07/09/99 AT	SB-014 96 - 132 in. 07/09/99 AT	SB-017A 30 - 36 in. 07/10/99 MD	SB-018 48 - 96 in. 07/10/99 GD
	Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Tetrachloroethene		0.003 U	0.11	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	9.4	0.11
Toluene		0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.54 U	0.003 U
Trichloroethene		0.003 U	0.003	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	29 J	0.003 U
Vinyl chloride		0.005 U	0.005 U	0.005 U	0.005 U	0.006 U	0.005 U	0.005 U	1.1 U	0.005 U
Xylene (total)		0.003 UJ	0.003 UJ	0.003 U	0.003 UJ	0.003 U	0.003 UJ	0.003 U	0.54 U	0.003 U
cis-1,2-Dichloroethene		0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.54 U	0.003 U
cis-1,3-Dichloropropylene		0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.54 U	0.003 U
trans-1,2-Dichloroethene		0.003 UJ	0.003 UJ	0.003 UJ	0.003 UJ	0.003 U	0.003 UJ	0.003 UJ	0.54 U	0.003 U
trans-1,3-Dichloropropene		0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.54 U	0.003 U
Total VOCs		---	0.113	---	---	0.01	0.005	---	38.4	0.11

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, R - unusable.
 * Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Boring

Volatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-020 72 - 90 in. GD mg/Kg	SB-023B 160 - 177 in. GD mg/Kg	SB-024 48 - 60 in. GD Area 3C mg/Kg	SB-024 66 - 84 in. GD Area 3C mg/Kg	SB-037 168 - 192 in. GD mg/Kg	SB-037 48 - 60 in. GD mg/Kg	SB-044 48 - 72 in. GD mg/Kg	SB-045 212 - 222 in. GD Area 3C mg/Kg	SB-047 116 - 136 in. GD Area 3C mg/Kg
1,1,1-Trichloroethane		0.003 U	0.003 U	0.57 U	3.2 J	0.003 U	0.003 U	0.003 U	0.003 U	0.66 U
1,1,2,2-Tetrachloroethane		0.003 U	0.003 U	0.57 U	0.74 UJ	0.003 U	0.003 U	0.003 U	0.003 U	0.66 U
1,1,2-Trichloroethane		0.003 U	0.003 U	0.57 U	0.74 UJ	0.003 U	0.003 U	0.003 U	0.003 U	0.66 U
1,1-Dichloroethane		0.003 U	0.003 U	0.57 U	0.74 UJ	0.003 U	0.003 U	0.003 U	0.003 U	0.66 U
1,1-Dichloroethene		0.003 U	0.003 U	0.57 U	0.74 UJ	0.003 U	0.003 U	0.003 U	0.003 U	0.66 U
1,2-Dichloroethane		0.003 U	0.003 U	0.57 U	0.74 UJ	0.003 U	0.003 U	0.003 U	0.003 U	0.66 U
1,2-Dichloropropane		0.003 U	0.003 U	0.57 U	0.74 UJ	0.003 U	0.003 U	0.003 U	0.003 U	0.66 U
2-Butanone (MEK)		0.011 UJ	0.01 UJ	2.3 U	2.9 UJ	0.01 UJ	0.01 U	0.01 UJ	0.01 U	2.6 U
2-Hexanone		0.005 U	0.005 U	1.1 U	1.5 UJ	0.005 U	0.005 U	0.005 U	0.005 U	1.3 U
4-Methyl-2-pentanone (MIBK)		0.005 U	0.005 U	1.1 U	1.5 UJ	0.005 U	0.005 U	0.005 U	0.005 U	1.3 U
Acetone		0.011 U	0.01 U	R	R	0.01 U	0.01 U	0.01 U	0.01 U	R
Benzene		0.003 U	0.003 U	0.57 U	0.74 UJ	0.003 U	0.003 U	0.003 U	0.003 U	0.66 U
Bromodichloromethane		0.003 U	0.003 U	0.57 U	0.74 UJ	0.003 U	0.003 U	0.003 U	0.003 U	0.66 U
Bromoform		0.003 U	0.003 U	0.57 U	0.74 UJ	0.003 U	0.003 U	0.003 U	0.003 U	0.66 U
Bromomethane		0.005 U	0.005 U	1.1 U	1.5 UJ	0.005 U	0.005 UJ	0.005 U	0.005 UJ	1.3 U
Carbon disulfide		0.003 U	0.003 U	0.57 U	0.74 UJ	0.003 U	0.003 U	0.003 U	0.003 U	0.66 U
Carbon tetrachloride		0.003 U	0.003 U	0.57 U	0.74 UJ	0.003 U	0.003 U	0.003 U	0.003 U	0.66 U
Chlorobenzene		0.003 U	0.003 U	0.57 U	0.74 UJ	0.003 U	0.003 U	0.003 U	0.003 U	0.66 U
Chloroethane		0.005 U	0.005 U	1.1 U	1.5 UJ	0.005 U	0.005 U	0.005 U	0.005 U	1.3 U
Chloroform		0.003 U	0.003 U	0.57 U	0.74 UJ	0.003 U	0.003 U	0.003 U	0.003 U	0.66 U
Chloromethane		0.005 U	0.005 U	1.1 U	1.5 UJ	0.005 U	0.005 U	0.005 U	0.005 U	1.3 U
Dibromochloromethane		0.003 U	0.003 U	0.57 U	0.74 UJ	0.003 U	0.003 U	0.003 U	0.003 U	0.66 U
Ethylbenzene		0.003 U	0.003 U	0.57 U	0.74 UJ	0.003 U	0.003 U	0.003 U	0.003 U	0.66 U
Methylene chloride		0.005 U	0.005 U	1.1 U	1.5 UJ	0.005 U	0.005 U	0.005 U	0.005 U	1.3 U
Styrene		0.003 U	0.003 U	0.57 U	0.74 UJ	0.003 U	0.003 U	0.003 U	0.003 U	0.66 U

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Volatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-020 72 - 90 in. 07/11/99 GD mg/Kg	SB-023B 160 - 177 in. 07/11/99 GD mg/Kg	SB-024 48 - 60 in. 07/11/99 GD Area 3C mg/Kg	SB-024 66 - 84 in. 07/11/99 GD Area 3C mg/Kg	SB-037 168 - 192 in. 07/13/99 GD mg/Kg	SB-037 48 - 60 in. 07/13/99 GD mg/Kg	SB-044 48 - 72 in. 07/13/99 GD mg/Kg	SB-045 212 - 222 in. 07/14/99 GD Area 3C mg/Kg	SB-047 116 - 136 in. 07/14/99 GD Area 3C mg/Kg
Tetrachloroethene		0.003 U	0.003 U	52	7900 J	0.003 U	0.005	0.003 U	0.004	36
Toluene		0.003 U	0.003 U	0.57 U	0.74 UJ	0.001 J	0.003 U	0.003 U	0.003 U	0.66 U
Trichloroethene		0.003 U	0.003 U	0.57 U	2.4 J	0.003 U	0.003 U	0.003 U	0.003 U	0.66 U
Vinyl chloride		0.005 U	0.005 U	1.1 U	1.5 UJ	0.005 U	0.005 U	0.005 U	0.005 U	1.3 U
Xylene (total)		0.003 U	0.003 U	0.57 U	0.74 UJ	0.003 U	0.003 U	0.003 U	0.003 U	0.66 U
cis-1,2-Dichloroethene		0.003 U	0.003 U	0.57 U	0.74 UJ	0.003 U	0.003 U	0.003 U	0.003 U	0.66 U
cis-1,3-Dichloropropylene		0.003 U	0.003 U	0.57 U	0.74 UJ	0.003 U	0.003 U	0.003 U	0.003 U	0.66 U
trans-1,2-Dichloroethene		0.003 U	0.003 U	0.57 U	0.74 UJ	0.003 U	0.003 U	0.003 U	0.003 U	0.66 U
trans-1,3-Dichloropropene		0.003 U	0.003 U	0.57 U	0.74 UJ	0.003 U	0.003 U	0.003 U	0.003 U	0.66 U
Total VOCs		---	---	52	7905.6	0.004	0.005	---	0.004	36

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Table 14
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Boring

Volatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-048 96 - 114 in. 07/14/99 GD	mg/Kg	SB-049 144 - 156 in. 07/14/99 GD	mg/Kg	SB-049B 18 - 20 in. 07/15/99 GD	mg/Kg	SB-050 144 - 156 in. 07/14/99 GD	mg/Kg	SB-054 96 - 120 in. 07/15/99 GD	mg/Kg	SB-063 14 - 16 in. 07/19/99 MD	mg/Kg	SB-064 96 - 108 in. 07/19/99 MD	mg/Kg	SB-067 72 - 88 in. 07/19/99 MD	mg/Kg	SB-071 144 - 160 in. 07/20/99 MD	mg/Kg
1,1,1-Trichloroethane		0.003 UJ		0.27 U		0.003 UJ		0.003 UJ		0.003 UJ		0.003 U		0.27 U		0.52 U		0.003 U	
1,1,2,2-Tetrachloroethane		0.003 U		0.27 U		0.003 U		0.003 U		R		0.003 U		0.27 U		0.52 U		0.003 U	
1,1,2-Trichloroethane		0.003 U		0.27 U		0.003 U		0.003 U		0.003 UJ		0.003 U		0.27 U		0.52 U		0.003 U	
1,1-Dichloroethane		0.003 U		0.27 U		0.003 U		0.003 U		0.003 UJ		0.003 U		0.27 U		0.52 U		0.003 U	
1,1-Dichloroethene		0.003 UJ		0.27 U		0.003 UJ		0.003 UJ		0.003 UJ		0.003 U		0.27 U		0.52 U		0.003 U	
1,2-Dichloroethane		0.003 U		0.27 U		0.003 U		0.003 U		0.003 UJ		0.003 U		0.27 U		0.52 U		0.003 U	
1,2-Dichloropropane		0.003 U		0.27 U		0.003 U		0.003 U		0.003 UJ		0.003 U		0.27 U		0.52 U		0.003 U	
2-Butanone (MEK)		0.01 UJ		R		0.01 UJ		0.01 UJ		0.006 J		0.01 U		1.1 U		2.1 U		0.011 UJ	
2-Hexanone		0.005 UJ		0.53 U		0.005 UJ		0.005 UJ		0.005 UJ		0.005 U		0.55 U		1 U		0.006 U	
4-Methyl-2-pentanone (MIBK)		0.005 UJ		0.53 U		0.005 UJ		0.005 UJ		0.005 UJ		0.005 U		0.55 U		1 U		0.006 U	
Acetone		0.01 UJ		R		0.01 UJ		0.01 UJ		0.025 J		0.01 U		R		R		0.011 U	
Benzene		0.003 UJ		0.27 U		0.003 UJ		0.003 UJ		0.003 UJ		0.003 U		0.27 U		0.52 U		0.003 U	
Bromodichloromethane		0.003 U		0.27 U		0.003 U		0.003 U		0.003 UJ		0.003 U		0.27 U		0.52 U		0.003 U	
Bromoform		0.003 U		0.27 U		0.003 U		0.003 U		0.003 UJ		0.003 U		0.27 U		0.52 U		0.003 U	
Bromomethane		0.005 UJ		0.53 U		0.005 UJ		0.005 UJ		0.005 UJ		0.005 U		0.55 U		1 U		0.006 U	
Carbon disulfide		0.003 U		0.27 U		0.003 U		0.003 U		0.002 J		0.003 U		0.27 U		0.52 U		0.003 U	
Carbon tetrachloride		0.003 U		0.27 U		0.003 U		0.003 U		0.003 UJ		0.003 U		0.27 U		0.52 U		0.003 U	
Chlorobenzene		0.003 UJ		0.27 U		0.003 UJ		0.003 UJ		0.002 J		0.003 U		0.27 U		0.52 U		0.003 U	
Chloroethane		0.005 UJ		0.53 U		0.005 UJ		0.005 UJ		0.005 UJ		0.005 U		0.55 U		1 U		0.006 U	
Chloroform		0.003 U		0.27 U		0.003 U		0.003 U		0.0008 J		0.003 U		0.27 U		0.52 U		0.003 U	
Chloromethane		0.005 U		0.53 U		0.005 U		0.005 UJ		0.005 UJ		0.005 U		0.55 U		1 U		0.006 U	
Dibromochloromethane		0.003 U		0.27 U		0.003 U		0.003 U		0.003 UJ		0.003 U		0.27 U		0.52 U		0.003 U	
Ethylbenzene		0.003 UJ		0.27 U		0.003 UJ		0.003 UJ		0.003 UJ		0.003 U		0.27 U		0.52 U		0.003 U	
Methylene chloride		0.005 U		0.1 J		0.005 U		0.005 U		0.008 J		0.005 UJ		0.55 U		0.52 U		0.003 U	
Styrene		0.003 U		0.27 U		0.003 U		0.003 U		0.003 UJ		0.003 U		0.27 U		0.52 U		0.003 U	

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Table 14
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Boring

Volatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property *	SB-048 96 - 114 in. 07/14/99 GD	SB-049 144 - 156 in. 07/14/99 GD	SB-049B 18 - 20 in. 07/15/99 GD	SB-050 144 - 156 in. 07/14/99 GD	SB-054 96 - 120 in. 07/15/99 GD	SB-063 14 - 16 in. 07/19/99 MD	SB-064 96 - 108 in. 07/19/99 MD	SB-067 72 - 88 in. 07/19/99 MD	SB-071 144 - 160 in. 07/20/99 MD
	Excavation Area Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Tetrachloroethene		0.002 J	7.8	0.002 J	0.029	22	0.002 J	17	170 J	0.009
Toluene		0.003 UJ	0.27 U	0.003 UJ	0.003 UJ	0.0006 J	0.003 U	0.27 U	0.52 U	0.003 U
Trichloroethene		0.003 UJ	0.27 U	0.003 UJ	0.001 J	0.1 J	0.003 U	0.12 J	0.18 J	0.003 U
Vinyl chloride		0.005 UJ	0.53 U	0.005 UJ	0.005 UJ	0.005 UJ	0.005 U	0.55 U	1 U	0.006 U
Xylene (total)		0.003 UJ	0.27 U	0.003 UJ	0.003 UJ	0.003 UJ	0.003 U	0.27 U	0.52 U	0.003 U
cis-1,2-Dichloroethene		0.003 U	0.27 U	0.003 U	0.003 U	0.045 J	0.003 U	0.27 U	0.52 U	0.003 U
cis-1,3-Dichloropropylene		0.003 U	0.27 U	0.003 U	0.003 U	0.003 UJ	0.003 U	0.27 U	0.52 U	0.003 U
trans-1,2-Dichloroethene		0.003 UJ	0.27 U	0.003 UJ	0.003 UJ	0.002 J	0.003 U	0.27 U	0.52 U	0.003 UJ
trans-1,3-Dichloropropene		0.003 U	0.27 U	0.003 U	0.003 U	0.003 UJ	0.003 U	0.27 U	0.52 U	0.003 U
Total VOCs		0.002	7.9	0.002	0.03	22.1914	0.002	17.12	170.34	0.009

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Table 14
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Boring

Volatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area Units	SB-073 168 - 192 in. 07/20/99 MD	mg/Kg	SB-074 168 - 192 in. 07/20/99 MD	mg/Kg	SB-075 168 - 180 in. 07/20/99 MD	mg/Kg	SB-076 168 - 192 in. 07/20/99 MD	mg/Kg	SB-077 156 - 180 in. 07/20/99 MD	mg/Kg	SB-078 175 - 189 in. 07/21/99 MD	mg/Kg	SB-078 68 - 89 in. 07/21/99 MD	mg/Kg	SB-079 144 - 156 in. 07/21/99 MD	mg/Kg	SB-080 180 - 192 in. 07/21/99 MD	mg/Kg
1,1,1-Trichloroethane		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.014 U		0.003 U	
1,1,2,2-Tetrachloroethane		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.014 UJ		0.003 U	
1,1,2-Trichloroethane		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.014 U		0.003 U	
1,1-Dichloroethane		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.014 U		0.003 U	
1,1-Dichloroethene		0.003 UJ		0.003 UJ		0.003 UJ		0.003 UJ		0.003 UJ		0.003 UJ		0.003 UJ		0.014 UJ		0.003 UJ	
1,2-Dichloroethane		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.014 U		0.003 U	
1,2-Dichloropropane		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.014 U		0.003 U	
2-Butanone (MEK)		0.012 U		0.01 U		0.01 U		0.01 U		0.011 U		0.011 U		0.01 U		0.056 U		0.01 U	
2-Hexanone		0.006 U		0.005 U		0.005 U		0.005 U		0.005 U		0.005 U		0.005 U		0.028 U		0.005 U	
4-Methyl-2-pentanone (MIBK)		0.006 U		0.005 U		0.005 U		0.005 U		0.005 U		0.005 U		0.005 U		0.028 U		0.005 U	
Acetone		0.012 U		0.01 U		0.01 U		0.01 U		0.011 U		0.011 U		0.01 U		0.056 U		0.01 U	
Benzene		0.003 UJ		0.003 UJ		0.003 UJ		0.003 UJ		0.003 UJ		0.003 UJ		0.003 UJ		0.014 UJ		0.003 UJ	
Bromodichloromethane		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.014 U		0.003 U	
Bromoform		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.014 U		0.003 U	
Bromomethane		0.006 U		0.005 U		0.005 U		0.005 U		0.005 U		0.005 U		0.005 U		0.028 U		0.005 U	
Carbon disulfide		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.014 U		0.003 U	
Carbon tetrachloride		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.014 U		0.003 U	
Chlorobenzene		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.014 U		0.003 U	
Chloroethane		0.006 U		0.005 U		0.005 U		0.005 U		0.005 U		0.005 U		0.005 U		0.028 U		0.005 U	
Chloroform		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.014 U		0.003 U	
Chloromethane		0.006 U		0.005 U		0.005 U		0.005 U		0.005 U		0.005 U		0.005 U		0.028 U		0.005 U	
Dibromochloromethane		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.014 U		0.003 U	
Ethylbenzene		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.014 U		0.003 U	
Methylene chloride		0.006 UJ		0.005 UJ		0.005 UJ		0.005 UJ		0.005 UJ		0.005 UJ		0.005 UJ		0.028 UJ		0.005 UJ	
Styrene		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.014 U		0.003 U	

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Table 14
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Boring

Volatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-073 168 - 192 in. 07/20/99 MD	SB-074 168 - 192 in. 07/20/99 MD	SB-075 168 - 180 in. 07/20/99 MD	SB-076 168 - 192 in. 07/20/99 MD	SB-077 156 - 180 in. 07/20/99 MD	SB-078 175 - 189 in. 07/21/99 MD	SB-078 68 - 89 in. 07/21/99 MD	SB-079 144 - 156 in. 07/21/99 MD	SB-080 180 - 192 in. 07/21/99 MD
	Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Tetrachloroethene		0.003 U	0.003 U	0.029	0.003 U	0.003 U	0.003 U	0.003 U	0.85	0.003 U
Toluene		0.003 UJ	0.003 UJ	0.003 UJ	0.003 UJ	0.003 UJ	0.003 UJ	0.003 UJ	0.014 UJ	0.003 UJ
Trichloroethene		0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.31	0.003 U
Vinyl chloride		0.006 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.028 U	0.005 U
Xylene (total)		0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.014 U	0.003 U
cis-1,2-Dichloroethene		0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.014 U	0.003 U
cis-1,3-Dichloropropylene		0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.014 U	0.003 U
trans-1,2-Dichloroethene		0.003 UJ	0.003 UJ	0.003 UJ	0.003 UJ	0.003 UJ	0.003 UJ	0.003 UJ	0.014 UJ	0.003 UJ
trans-1,3-Dichloropropene		0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.014 U	0.003 U
Total VOCs		---	---	0.029	---	---	---	---	1.16	---

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Boring

Volatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-080 24 - 44 in. 07/21/99 MD	SB-081 174 - 186 in. 07/21/99 MD	SB-082 180 - 192 in. 07/21/99 MD	SB-083 72 - 96 in. 07/21/99 MD	SB-084 72 - 96 in. 07/21/99 MD	SB-085 72 - 91 in. 07/21/99 MD	SB-085B 156 - 168 in. 07/22/99 MD	SB-086 168 - 180 in. 07/22/99 MD	SB-087 156 - 180 in. 07/22/99 MD
	Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
1,1,1-Trichloroethane	0.014 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
1,1,2,2-Tetrachloroethane	0.014 U	0.003 UJ	0.003 UJ	0.003 UJ	0.003 UJ	0.003 UJ	0.003 U	0.003 U	0.003 U	0.003 U
1,1,2-Trichloroethane	0.014 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
1,1-Dichloroethane	0.014 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
1,1-Dichloroethene	0.014 U	0.003 UJ	0.003 UJ	0.003 UJ	0.003 UJ	0.003 UJ	0.003 UJ	0.003 U	0.003 U	0.003 U
1,2-Dichloroethane	0.014 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
1,2-Dichloropropane	0.014 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
2-Butanone (MEK)	0.057 U	0.011 U	0.011 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	0.029 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
4-Methyl-2-pentanone (MIBK)	0.029 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Acetone	0.057 U	0.011 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	0.014 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 UJ	0.003 U	0.003 U	0.003 U
Bromodichloromethane	0.014 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Bromoform	0.014 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Bromomethane	0.029 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Carbon disulfide	0.014 U	0.003 U	0.003 U	0.003 U	0.006 J	0.0008 J	0.0007 J	0.003 U	0.003 U	0.003 U
Carbon tetrachloride	0.014 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Chlorobenzene	0.014 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Chloroethane	0.029 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloroform	0.014 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Chloromethane	0.029 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Dibromochloromethane	0.014 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Ethylbenzene	0.014 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Methylene chloride	0.029 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ	0.005 UJ
Styrene	0.014 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Volatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property *	SB-080 24 - 44 in. 07/21/99 MD	SB-081 174 - 186 in. 07/21/99 MD	SB-082 180 - 192 in. 07/21/99 MD	SB-083 72 - 96 in. 07/21/99 MD	SB-084 72 - 96 in. 07/21/99 MD	SB-085 72 - 91 in. 07/21/99 MD	SB-085B 156 - 168 in. 07/22/99 MD	SB-086 168 - 180 in. 07/22/99 MD	SB-087 156 - 180 in. 07/22/99 MD
	Excavation Area Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Tetrachloroethene		0.44	0.003 U	0.001 J	0.003 U	0.003 U	0.003 U	0.0007 J	0.003 U	0.003 U
Toluene		0.014 U	0.003 UJ	0.003 UJ	0.003 UJ	0.003 UJ	0.003 UJ	0.003 U	0.003 U	0.003 U
Trichloroethene		0.051	0.003 UJ	0.003 UJ	0.003 UJ	0.003 UJ	0.003 U	0.003 U	0.003 U	0.003 U
Vinyl chloride		0.029 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Xylene (total)		0.014 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
cis-1,2-Dichloroethene		0.014 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
cis-1,3-Dichloropropylene		0.014 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
trans-1,2-Dichloroethene		0.014 U	0.003 UJ	0.003 UJ	0.003 UJ	0.003 UJ	0.003 UJ	0.003 U	0.003 U	0.003 U
trans-1,3-Dichloropropene		0.014 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Total VOCs		0.491	---	0.001	0.0006	0.0008	0.0007	0.0007	---	---

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Table 14
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Boring

Volatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-088 168 - 192 in. 07/22/99 MD	mg/Kg	SB-089 168 - 192 in. 07/22/99 MD	mg/Kg	SB-090 144 - 168 in. 07/22/99 MD	mg/Kg	SB-091 174 - 192 in. 07/22/99 MD	mg/Kg	SB-092 168 - 192 in. 07/23/99 MD	mg/Kg	SB-093 168 - 192 in. 07/23/99 MD	mg/Kg	SB-094 72 - 96 in. 07/23/99 MD	mg/Kg	SB-095 72 - 90 in. 07/23/99 MD	mg/Kg	SB-096 72 - 84 in. 07/23/99 MD	mg/Kg
1,1,1-Trichloroethane		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U	
1,1,2,2-Tetrachloroethane		0.003 U		0.003 U		0.003 UJ		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 UJ	
1,1,2-Trichloroethane		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U	
1,1-Dichloroethane		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U	
1,1-Dichloroethene		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U	
1,2-Dichloroethane		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U	
1,2-Dichloropropane		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U	
2-Butanone (MEK)		0.01 U		0.01 U		0.006 J		0.01 UJ		0.011 U		0.01 U		0.01 U		0.01 U		0.01 U	
2-Hexanone		0.005 U		0.005 U		0.006 U		0.005 U		0.005 U		0.005 U		0.005 U		0.005 U		0.005 U	
4-Methyl-2-pentanone (MIBK)		0.005 U		0.005 U		0.006 U		0.005 U		0.005 U		0.005 U		0.005 U		0.005 U		0.005 U	
Acetone		0.01 U		0.01 U		0.045		0.01 U		0.011 U		0.01 U		0.01 U		0.01 U		0.01 U	
Benzene		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U	
Bromodichloromethane		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U	
Bromoform		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U	
Bromomethane		0.005 U		0.005 U		0.006 U		0.005 U		0.005 U		0.005 U		0.005 U		0.005 U		0.005 U	
Carbon disulfide		0.0006 J		0.0007 J		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.0008 J		0.0009 J	
Carbon tetrachloride		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U	
Chlorobenzene		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U	
Chloroethane		0.005 U		0.005 U		0.006 U		0.005 U		0.005 U		0.005 U		0.005 U		0.005 U		0.005 U	
Chloroform		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U	
Chloromethane		0.005 U		0.005 U		0.006 U		0.005 U		0.005 U		0.005 U		0.005 U		0.005 U		0.005 U	
Dibromochloromethane		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U	
Ethylbenzene		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U	
Methylene chloride		0.005 UJ		0.005 UJ		0.006 UJ		0.005 UJ		0.005 UJ		0.005 UJ		0.005 UJ		0.005 UJ		0.005 UJ	
Styrene		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U		0.003 U	

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Volatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-088 168 - 192 in. 07/22/99 MD	SB-089 168 - 192 in. 07/22/99 MD	SB-090 144 - 168 in. 07/22/99 MD	SB-091 174 - 192 in. 07/22/99 MD	SB-092 168 - 192 in. 07/23/99 MD	SB-093 168 - 192 in. 07/23/99 MD	SB-094 72 - 96 in. 07/23/99 MD	SB-095 72 - 90 in. 07/23/99 MD	SB-096 72 - 84 in. 07/23/99 MD
	Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Tetrachloroethene		0.003 U	0.0005 J	0.068	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.001 J
Toluene		0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Trichloroethene		0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Vinyl chloride		0.005 U	0.005 U	0.006 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Xylene (total)		0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
cis-1,2-Dichloroethene		0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
cis-1,3-Dichloropropylene		0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
trans-1,2-Dichloroethene		0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
trans-1,3-Dichloropropene		0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Total VOCs		0.0006	0.0012	---	---	---	---	---	0.0008	0.0019

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Volatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-097 168 - 192 in. 07/23/99 GD	SB-105 54 - 60 in. 08/11/99 GD	SB-105 70 - 76 in. 08/11/99 GD	SB-106 48 - 60 in. 08/11/99 GD	SB-108 48 - 60 in. 08/11/99 GD	SB-109 48 - 60 in. 08/11/99 GD
	Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
1,1,1-Trichloroethane		0.003 U	0.032 U	0.019 U	0.003 U	0.003 U	0.003 U
1,1,2,2-Tetrachloroethane		0.003 U	0.032 U	0.019 U	0.003 U	0.003 U	0.003 U
1,1,2-Trichloroethane		0.003 U	0.032 U	0.019 U	0.003 U	0.003 U	0.003 U
1,1-Dichloroethane		0.003 U	0.032 U	0.019 U	0.003 U	0.003 U	0.003 U
1,1-Dichloroethene		0.003 U	0.032 U	0.019 U	0.003 U	0.003 U	0.003 U
1,2-Dichloroethane		0.003 U	0.032 U	0.019 U	0.003 U	0.003 U	0.003 U
1,2-Dichloropropane		0.003 U	0.032 U	0.019 U	0.003 U	0.003 U	0.003 U
2-Butanone (MEK)		0.01 U	0.038 J	0.074 U	0.011 U	0.011 U	0.01 U
2-Hexanone		0.005 U	0.063 U	0.037 U	0.005 U	0.005 U	0.005 U
4-Methyl-2-pentanone (MIBK)		0.005 U	0.063 U	0.037 U	0.005 U	0.005 U	0.005 U
Acetone		0.01 U	0.21	0.074 U	0.011 U	0.011 U	0.01 U
Benzene		0.003 U	0.032 U	0.019 U	0.003 U	0.003 U	0.003 U
Bromodichloromethane		0.003 U	0.032 U	0.019 U	0.003 U	0.003 U	0.003 U
Bromoform		0.003 U	0.032 U	0.019 U	0.003 U	0.003 U	0.003 U
Bromomethane		0.005 U	0.063 U	0.037 U	0.005 U	0.005 U	0.005 U
Carbon disulfide		0.003 U	0.027 J	0.019 U	0.003 U	0.003 U	0.003 U
Carbon tetrachloride		0.003 U	0.032 U	0.019 U	0.003 U	0.003 U	0.003 U
Chlorobenzene		0.003 U	0.032 U	0.019 U	0.003 U	0.003 U	0.003 U
Chloroethane		0.005 U	0.063 U	0.037 U	0.005 U	0.005 U	0.005 U
Chloroform		0.003 U	0.01 J	0.019 U	0.003 U	0.003 U	0.003 U
Chloromethane		0.005 U	0.063 U	0.037 U	0.005 U	0.005 U	0.005 U
Dibromochloromethane		0.003 U	0.032 U	0.019 U	0.003 U	0.003 U	0.003 U
Ethylbenzene		0.003 U	0.032 U	0.019 U	0.003 U	0.003 U	0.003 U
Methylene chloride		0.005 U	0.38	0.037 U	0.005 U	0.005 U	0.005 U
Styrene		0.003 U	0.032 U	0.019 U	0.003 U	0.003 U	0.003 U

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Boring

Volatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-097 168 - 192 in. 07/23/99 GD mg/Kg	SB-105 54 - 60 in. 08/11/99 GD mg/Kg	SB-105 70 - 76 in. 08/11/99 GD mg/Kg	SB-106 48 - 60 in. 08/11/99 GD mg/Kg	SB-108 48 - 60 in. 08/11/99 GD mg/Kg	SB-109 48 - 60 in. 08/11/99 GD mg/Kg
Tetrachloroethene	Units	0.003 U	18000	1.3	1.2	0.009	0.002 J
Toluene		0.003 U	0.032 U	0.019 U	0.003 U	0.003 U	0.003 U
Trichloroethene		0.003 U	18	0.019 U	0.005	0.003 U	0.003 U
Vinyl chloride		0.005 U	0.063 U	0.037 U	0.005 U	0.005 U	0.005 U
Xylene (total)		0.003 U	0.13	0.019 U	0.003 U	0.003 U	0.003 U
cis-1,2-Dichloroethene		0.003 U	0.027 J	0.019 U	0.003 U	0.003 U	0.003 U
cis-1,3-Dichloropropylene		0.003 U	0.032 U	0.019 U	0.003 U	0.003 U	0.003 U
trans-1,2-Dichloroethene		0.003 U	0.032 U	0.019 U	0.003 U	0.003 U	0.003 U
trans-1,3-Dichloropropene		0.003 U	0.032 U	0.019 U	0.003 U	0.003 U	0.003 U
Total VOCs		---	18018.822	1.3	1.205	0.009	0.002

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

**Soil semivolatile organic
compound data**

GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Boring

Semivolatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	BK-001 68 - 88 in. 07/12/99 BK	SB-005 96 - 120 in. 07/07/99 AT	SB-006 0 - 24 in. 07/08/99 AT	SB-007 156 - 180 in. 07/08/99 AT	SB-008 168 - 192 in. 07/08/99 AT	SB-010B 48 - 72 in. 07/09/99 AT	SB-012 120 - 144 in. 07/09/99 AT	SB-013 120 - 144 in. 07/09/99 AT	SB-014 96 - 132 in. 07/09/99 AT
	Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
1,2,4-Trichlorobenzene		0.34 U	0.34 U	0.35 U	0.35 U	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U
1,2-Dichlorobenzene		0.34 U	0.34 U	0.35 U	0.35 U	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U
1,3-Dichlorobenzene		0.34 U	0.34 U	0.35 U	0.35 U	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U
1,4-Dichlorobenzene		0.34 U	0.34 U	0.35 U	0.35 U	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U
Bis(2-chloroisopropyl) ether		0.34 U	0.34 U	0.35 UJ	0.35 UJ	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U
2,4,5-Trichlorophenol		1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.8 U	1.8 U	1.7 U	1.7 U
2,4,6-Trichlorophenol		0.34 U	0.34 U	0.35 U	0.35 U	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U
2,4-Dichlorophenol		0.34 U	0.34 U	0.35 U	0.35 U	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U
2,4-Dimethylphenol		0.34 U	0.34 U	0.35 U	0.35 U	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U
2,4-Dinitrophenol		1.7 U	1.7 UJ	1.7 U	1.7 U	1.7 U	1.8 U	1.8 U	1.7 U	1.7 U
2,4-Dinitrotoluene		0.34 U	0.34 U	0.35 U	0.35 U	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U
2,6-Dinitrotoluene		0.34 U	0.34 U	0.35 U	0.35 U	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U
2-Chloronaphthalene		0.34 U	0.34 U	0.35 U	0.35 U	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U
2-Chlorophenol		0.34 U	0.34 U	0.35 U	0.35 U	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U
2-Methylnaphthalene		0.34 U	0.34 U	0.35 U	0.35 U	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U
2-Methylphenol		0.34 U	0.34 U	0.35 U	0.35 U	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U
2-Nitroaniline		1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.8 U	1.8 U	1.7 U	1.7 U
2-Nitrophenol		0.34 U	0.34 U	0.35 U	0.35 U	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U
3,3-Dichlorobenzidine		0.68 U	0.68 U	0.69 UJ	0.69 U	0.68 U	0.71 U	0.71 U	0.67 U	0.69 U
3-Nitroaniline		1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.8 U	1.8 U	1.7 U	1.7 U
4,6-Dinitro-2-methylphenol		1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.8 U	1.8 U	1.7 U	1.7 U
4-Bromophenyl phenyl ether		0.34 U	0.34 U	0.35 U	0.35 U	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U
4-Chloro-3-methylphenol		0.34 U	0.34 U	0.35 U	0.35 U	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U
4-Chloroaniline		0.34 U	0.34 U	0.35 U	0.35 U	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U
4-Chlorophenyl phenyl ether		0.34 U	0.34 U	0.35 U	0.35 U	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Boring

Semivolatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	BK-001 68 - 88 in. 07/12/99 BK	SB-005 96 - 120 in. 07/07/99 AT	SB-006 0 - 24 in. 07/08/99 AT	SB-007 156 - 180 in. 07/08/99 AT	SB-008 168 - 192 in. 07/08/99 AT	SB-010B 48 - 72 in. 07/09/99 AT	SB-012 120 - 144 in. 07/09/99 AT	SB-013 120 - 144 in. 07/09/99 AT	SB-014 96 - 132 in. 07/09/99 AT
	Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
4-Methylphenol		0.34 U	0.34 U	0.35 U	0.35 U	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U
4-Nitroaniline		1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.8 U	1.8 U	1.7 U	1.7 U
4-Nitrophenol		1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.8 U	1.8 U	1.7 U	1.7 U
Acenaphthene		0.34 U	0.34 U	0.35 U	0.35 U	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U
Acenaphthylene		0.34 U	0.34 U	0.35 U	0.35 U	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U
Anthracene		0.34 U	0.34 U	0.35 U	0.35 U	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U
Benzo(a)anthracene		0.34 U	0.34 U	0.18 J	0.35 U	0.34 U	0.057 J	0.35 U	0.34 U	0.34 U
Benzo(a)pyrene		0.34 U	0.34 U	0.21 J	0.35 U	0.34 U	0.058 J	0.35 U	0.34 U	0.34 U
Benzo(b)fluoranthene		0.34 U	0.34 U	0.27 J	0.35 U	0.34 U	0.085 J	0.35 U	0.34 U	0.34 U
Benzo(ghi)perylene		0.34 U	0.34 UJ	0.28 J	0.35 U	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U
Benzo(k)fluoranthene		0.34 U	0.34 U	0.11 J	0.35 U	0.34 U	0.037 J	0.35 U	0.34 U	0.34 U
Butyl benzyl phthalate		0.34 U	0.34 U	0.35 UJ	0.35 U	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U
Carbazole		0.34 U	0.34 U	0.35 U	0.35 U	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U
Chrysene		0.34 U	0.34 U	0.25 J	0.35 U	0.34 U	0.078 J	0.35 U	0.34 U	0.34 U
Di-n-butyl phthalate		0.34 U	0.34 U	0.35 U	0.35 U	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U
Di-n-octyl phthalate		0.34 U	0.34 U	0.35 UJ	0.35 U	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U
Dibenzo(a,h)anthracene		0.34 U	0.34 UJ	0.04 J	0.35 U	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U
Dibenzofuran		0.34 U	0.34 U	0.35 U	0.35 U	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U
Diethyl phthalate		0.34 U	0.34 U	0.35 U	0.35 U	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U
Dimethyl phthalate		0.34 U	0.34 U	0.35 U	0.35 U	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U
Fluoranthene		0.34 U	0.34 U	0.16 J	0.35 U	0.34 U	0.17 J	0.35 U	0.34 U	0.34 U
Fluorene		0.34 U	0.34 U	0.35 U	0.35 U	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U
Hexachlorobenzene		0.34 U	0.34 U	0.35 U	0.35 U	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U
Hexachlorobutadiene		0.34 U	0.34 U	0.35 U	0.35 U	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U
Hexachlorocyclopentadiene		0.34 U	0.34 U	0.35 U	0.35 U	0.34 U	0.35 UJ	0.35 U	0.34 U	0.34 U

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Semivolatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	BK-001 68 - 88 in. 07/12/99 BK	SB-005 96 - 120 in. 07/07/99 AT	SB-006 0 - 24 in. 07/08/99 AT	SB-007 156 - 180 in. 07/08/99 AT	SB-008 168 - 192 in. 07/08/99 AT	SB-010B 48 - 72 in. 07/09/99 AT	SB-012 120 - 144 in. 07/09/99 AT	SB-013 120 - 144 in. 07/09/99 AT	SB-014 96 - 132 in. 07/09/99 AT
	Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Hexachloroethane		0.34 U	0.34 U	0.35 U	0.35 U	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U
Indeno(1,2,3-cd)pyrene		0.34 UJ	0.34 U	0.18 J	0.35 UJ	0.34 UJ	0.35 UJ	0.35 UJ	0.34 UJ	0.34 UJ
Isophorone		0.34 U	0.34 U	0.35 U	0.35 U	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U
N-Nitrosodipropylamine		0.34 U	0.34 U	0.35 U	0.35 U	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U
N-Nitrosodiphenylamine		0.34 U	0.34 U	0.35 U	0.35 U	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U
Naphthalene		0.34 U	0.34 U	0.35 U	0.35 U	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U
Nitrobenzene		0.34 U	0.34 U	0.35 U	0.35 U	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U
Pentachlorophenol		1.7 U	1.7 U	1.7 UJ	1.7 U	1.7 U	1.8 U	1.8 U	1.7 U	1.7 U
Phenanthrene		0.34 U	0.34 U	0.13 J	0.35 U	0.34 U	0.1 J	0.35 U	0.34 U	0.34 U
Phenol		0.34 U	0.34 U	0.35 U	0.35 U	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U
Pyrene		0.34 U	0.34 U	0.53 UJ	0.35 U	0.34 U	0.13 J	0.35 U	0.34 U	0.34 U
Bis(2-chloroethoxy)methane		0.34 U	0.34 U	0.35 U	0.35 U	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U
Bis(2-chloroethoxy)ether		0.34 U	0.34 U	0.35 U	0.35 U	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U
Bis(2-ethylhexyl)phthalate (BEHP)		0.34 U	0.34 U	0.035 J	0.35 U	0.34 U	0.35 U	0.35 U	0.34 U	0.34 U

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Table 15
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Boring

Semivolatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-015 159 - 174 in. 07/10/99 MD	SB-016 168 - 192 in. 07/10/99 MD	SB-018 48 - 96 in. 07/10/99 GD	SB-019 48 - 96 in. 07/10/99 GD	SB-020 72 - 90 in. 07/11/99 GD	SB-021 74 - 81 in. 07/11/99 GD	SB-022 48 - 96 in. 07/11/99 GD	SB-023B 160 - 177 in. 07/11/99 GD	SB-024 66 - 84 in. 07/11/99 GD Area 3C mg/Kg
	Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
1,2,4-Trichlorobenzene	0.35 U	0.34 U	0.7 U	0.35 U	0.35 U	0.35 U	0.43 U	0.35 U	0.34 U	2.4 U
1,2-Dichlorobenzene	0.35 U	0.34 U	0.7 U	0.35 U	0.35 U	0.35 U	0.43 U	0.35 U	0.34 U	0.44 U
1,3-Dichlorobenzene	0.35 U	0.34 U	0.7 U	0.35 U	0.35 U	0.35 U	0.43 U	0.35 U	0.34 U	2.4 U
1,4-Dichlorobenzene	0.35 U	0.34 U	0.7 U	0.35 U	0.35 U	0.35 U	0.43 U	0.35 U	0.34 U	2.4 U
Bis(2-chloroisopropyl) ether	0.35 U	0.34 U	0.7 U	0.35 U	0.35 U	0.35 U	0.43 U	0.35 U	0.34 U	2.4 U
2,4,5-Trichlorophenol	1.7 U	1.7 U	3.5 U	1.8 U	1.8 U	1.8 U	2.1 U	1.8 U	1.7 U	12 U
2,4,6-Trichlorophenol	0.35 U	0.34 U	0.7 U	0.35 U	0.35 U	0.35 U	0.43 U	0.35 U	0.34 U	2.4 U
2,4-Dichlorophenol	0.35 U	0.34 U	0.7 U	0.35 U	0.35 U	0.35 U	0.43 U	0.35 U	0.34 U	2.4 U
2,4-Dimethylphenol	0.35 U	0.34 U	0.7 U	0.35 U	0.35 U	0.35 U	0.43 U	0.35 U	0.34 U	2.4 U
2,4-Dinitrophenol	1.7 U	1.7 U	3.5 U	1.8 U	1.8 U	1.8 U	2.1 U	1.8 U	1.7 U	12 U
2,4-Dinitrotoluene	0.35 U	0.34 U	0.7 U	0.35 U	0.35 U	0.35 U	0.43 U	0.35 U	0.34 U	2.4 U
2,6-Dinitrotoluene	0.35 U	0.34 U	0.7 U	0.35 U	0.35 U	0.35 U	0.43 U	0.35 U	0.34 U	2.4 U
2-Chloronaphthalene	0.35 U	0.34 U	0.7 U	0.35 U	0.35 U	0.35 U	0.43 U	0.35 U	0.34 U	2.4 U
2-Chlorophenol	0.35 U	0.34 U	0.7 U	0.35 U	0.35 U	0.35 U	0.43 U	0.35 U	0.34 U	2.4 U
2-Methylnaphthalene	0.35 U	0.34 U	0.7 U	0.35 U	0.35 U	0.35 U	0.43 U	0.35 U	0.34 U	0.78 U
2-Methylphenol	0.35 U	0.34 U	0.7 U	0.35 U	0.35 U	0.35 U	0.43 U	0.35 U	0.34 U	2.4 U
2-Nitroaniline	1.7 U	1.7 U	3.5 U	1.8 U	1.8 U	1.8 U	2.1 U	1.8 U	1.7 U	12 U
2-Nitrophenol	0.35 U	0.34 U	0.7 U	0.35 U	0.35 U	0.35 U	0.43 U	0.35 U	0.34 U	2.4 U
3,3-Dichlorobenzidine	0.69 U	0.68 U	1.4 U	0.7 U	0.7 U	0.7 U	0.85 U	0.71 U	0.68 U	4.9 U
3-Nitroaniline	1.7 U	1.7 U	3.5 U	1.8 U	1.8 U	1.8 U	2.1 U	1.8 U	1.7 U	12 U
4,6-Dinitro-2-methylphenol	1.7 U	1.7 U	3.5 U	1.8 U	1.8 U	1.8 U	2.1 U	1.8 U	1.7 U	12 U
4-Bromophenyl phenyl ether	0.35 U	0.34 U	0.7 U	0.35 U	0.35 U	0.35 U	0.43 U	0.35 U	0.34 U	2.4 U
4-Chloro-3-methylphenol	0.35 U	0.34 U	0.7 U	0.35 U	0.35 U	0.35 U	0.43 U	0.35 U	0.34 U	2.4 U
4-Chloroaniline	0.35 U	0.34 U	0.7 U	0.35 U	0.35 U	0.35 U	0.43 U	0.35 U	0.34 U	2.4 U
4-Chlorophenyl phenyl ether	0.35 U	0.34 U	0.7 U	0.35 U	0.35 U	0.35 U	0.43 U	0.35 U	0.34 U	2.4 U

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Table 15
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Boring

Semivolatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-015 159 - 174 in. 07/10/99 MD	mg/Kg	SB-016 168 - 192 in. 07/10/99 MD	mg/Kg	SB-018 48 - 96 in. 07/10/99 GD	mg/Kg	SB-019 48 - 96 in. 07/10/99 GD	mg/Kg	SB-020 72 - 90 in. 07/11/99 GD	mg/Kg	SB-021 74 - 81 in. 07/11/99 GD	mg/Kg	SB-022 48 - 96 in. 07/11/99 GD	mg/Kg	SB-023B 160 - 177 in. 07/11/99 GD	mg/Kg	SB-024 66 - 84 in. 07/11/99 GD	Area 3C mg/Kg
4-Methylphenol		0.35 U	0.34 U	0.7 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.43 U	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	2.4 U	2.4 U
4-Nitroaniline		1.7 U	1.7 U	3.5 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	2.1 U	1.8 U	1.8 U	1.8 U	1.7 U	1.7 U	1.7 U	12 U	12 U
4-Nitrophenol		1.7 U	1.7 U	3.5 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	2.1 U	1.8 U	1.8 U	1.8 U	1.7 U	1.7 U	1.7 U	12 U	12 U
Acenaphthene		0.35 U	0.34 U	0.7 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.43 U	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	2.4 U	2.4 U
Acenaphthylene		0.35 U	0.34 U	0.7 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.43 U	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	2.4 U	2.4 U
Anthracene		0.35 U	0.34 U	0.7 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.43 U	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	2.4 U	2.4 U
Benzo(a)anthracene		0.35 U	0.34 U	0.7 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.43 U	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	2.4 U	2.4 U
Benzo(a)pyrene		0.35 U	0.34 U	0.7 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.43 U	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	2.4 U	2.4 U
Benzo(b)fluoranthene		0.35 U	0.34 U	0.7 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.43 U	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	R	R
Benzo(k)fluoranthene		0.35 U	0.34 U	0.7 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.43 U	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	R	R
Butyl benzyl phthalate		0.35 U	0.34 U	0.7 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.43 U	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	2.4 U	2.4 U
Carbazole		0.35 U	0.34 U	0.7 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.43 U	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	2.4 U	2.4 U
Chrysene		0.35 U	0.34 U	0.7 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.43 U	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.53 J	0.53 J
Di-n-butyl phthalate		0.35 U	0.34 U	0.7 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.43 U	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	2.4 U	2.4 U
Di-n-octyl phthalate		0.35 U	0.34 U	0.7 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.43 U	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	R	R
Dibenzo(a,h)anthracene		0.35 U	0.34 U	0.7 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.43 U	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	R	R
Dibenzofuran		0.35 U	0.34 U	0.7 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.43 U	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.37 J	0.37 J
Diethyl phthalate		0.35 U	0.34 U	0.7 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.43 U	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	2.4 U	2.4 U
Dimethyl phthalate		0.35 U	0.34 U	0.7 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.43 U	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	2.4 U	2.4 U
Fluoranthene		0.35 U	0.34 U	0.7 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.43 U	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.3 J	0.3 J
Fluorene		0.35 U	0.34 U	0.7 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.43 U	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	2.4 U	2.4 U
Hexachlorobenzene		0.35 U	0.34 U	0.7 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.43 U	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	2.4 U	2.4 U
Hexachlorobutadiene		0.35 U	0.34 U	0.7 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.43 U	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	2.4 U	2.4 U
Hexachlorocyclopentadiene		0.35 U	0.34 U	0.7 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.43 U	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	2.4 U	2.4 U

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Table 15
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Boring

Semivolatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-015 159 - 174 in. 07/10/99 MD	mg/Kg	SB-016 168 - 192 in. 07/10/99 MD	mg/Kg	SB-018 48 - 96 in. 07/10/99 GD	mg/Kg	SB-019 48 - 96 in. 07/10/99 GD	mg/Kg	SB-020 72 - 90 in. 07/11/99 GD	mg/Kg	SB-021 74 - 81 in. 07/11/99 GD	mg/Kg	SB-022 48 - 96 in. 07/11/99 GD	mg/Kg	SB-023B 160 - 177 in. 07/11/99 GD	mg/Kg	SB-024 66 - 84 in. 07/11/99 GD	Area 3C mg/Kg
Hexachloroethane		0.35 U		0.34 U		0.7 U		0.35 U		0.35 U		0.43 U		0.35 U		0.34 U		2.4 U	
Indeno(1,2,3-cd)pyrene		0.35 UJ		0.34 UJ		0.7 UJ		0.35 UJ		0.35 UJ		0.43 U		0.35 UJ		0.34 UJ		R	
Isophorone		0.35 U		0.34 U		0.7 U		0.35 U		0.35 U		0.43 U		0.35 U		0.34 U		2.4 U	
N-Nitrosodipropylamine		0.35 U		0.34 U		0.7 U		0.35 U		0.35 U		0.43 U		0.35 U		0.34 U		2.4 U	
N-Nitrosodiphenylamine		0.35 U		0.34 U		0.7 U		0.35 U		0.35 U		0.43 U		0.35 U		0.34 U		2.4 UJ	
Naphthalene		0.35 U		0.34 U		0.7 U		0.35 U		0.35 U		0.43 U		0.35 U		0.34 U		2.4 U	
Nitrobenzene		0.35 U		0.34 U		0.7 U		0.35 U		0.35 U		0.43 U		0.35 U		0.34 U		2.4 U	
Pentachlorophenol		1.7 U		1.7 U		3.5 U		1.8 U		1.8 U		2.1 U		1.8 U		1.7 U		12 UJ	
Phenanthrene		0.35 U		0.34 U		0.7 U		0.35 U		0.35 U		0.43 U		0.35 U		0.34 U		2.6 J	
Phenol		0.35 U		0.34 U		0.7 U		0.35 U		0.35 U		0.43 U		0.35 U		0.34 U		2.4 U	
Pyrene		0.35 U		0.34 U		0.093 J		0.35 U		0.35 U		0.43 U		0.35 U		0.34 U		2.4 UJ	
Bis(2-chloroethoxy)methane		0.35 U		0.34 U		0.7 U		0.35 U		0.35 U		0.43 U		0.35 U		0.34 U		2.4 U	
Bis(2-chloroethyl)ether		0.35 U		0.34 U		0.7 U		0.35 U		0.35 U		0.43 U		0.35 U		0.34 U		2.4 U	
Bis(2-ethylhexyl)phthalate (BEHP)		0.35 U		0.34 U		2.1		0.35 U		0.35 U		0.43 U		0.35 U		0.34 U		5.1 J	

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Boring

Semivolatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-027 28 - 42 in. 07/12/99 GC Area 3A	SB-028 32 - 46 in. 07/12/99 GC Area 3A	SB-032 15 - 33 in. 07/12/99 GC Area 2	SB-035 120 - 144 in. 07/12/99 GD	SB-037 168 - 192 in. 07/13/99 GD	SB-040 80 - 90 in. 07/13/99 GD	SB-041 100 - 108 in. 07/13/99 GD	SB-042 96 - 117 in. 07/13/99 GD	SB-043 66 - 84 in. 07/13/99 GD
	Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
1,2,4-Trichlorobenzene		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
1,2-Dichlorobenzene		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
1,3-Dichlorobenzene		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
1,4-Dichlorobenzene		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Bis(2-chloroisopropyl) ether		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
2,4,5-Trichlorophenol		1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
2,4,6-Trichlorophenol		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
2,4-Dichlorophenol		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
2,4-Dimethylphenol		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
2,4-Dinitrophenol		1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
2,4-Dinitrotoluene		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
2,6-Dinitrotoluene		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
2-Chloronaphthalene		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
2-Chlorophenol		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
2-Methylnaphthalene		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
2-Methylphenol		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
2-Nitroaniline		1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
2-Nitrophenol		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
3,3-Dichlorobenzidine		0.67 U	0.67 U	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U
3-Nitroaniline		1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
4,6-Dinitro-2-methylphenol		1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
4-Bromophenyl phenyl ether		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
4-Chloro-3-methylphenol		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
4-Chloroaniline		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
4-Chlorophenyl phenyl ether		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Table 15
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Boring

Semivolatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-027 28 - 42 in. 07/12/99 GC Area 3A mg/Kg	SB-028 32 - 46 in. 07/12/99 GC Area 3A mg/Kg	SB-032 15 - 33 in. 07/12/99 GC Area 2 mg/Kg	SB-035 120 - 144 in. 07/12/99 GD mg/Kg	SB-037 168 - 192 in. 07/13/99 GD mg/Kg	SB-040 80 - 90 in. 07/13/99 GD mg/Kg	SB-041 100 - 108 in. 07/13/99 GD mg/Kg	SB-042 96 - 117 in. 07/13/99 GD mg/Kg	SB-043 66 - 84 in. 07/13/99 GD mg/Kg
4-Methylphenol		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
4-Nitroaniline		1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
4-Nitrophenol		1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
Acenaphthene		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Acenaphthylene		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Anthracene		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Benzo(a)anthracene		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Benzo(a)pyrene		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Benzo(b)fluoranthene		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Benzo(ghi)perylene		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Benzo(k)fluoranthene		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Butyl benzyl phthalate		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Carbazole		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Chrysene		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Di-n-butyl phthalate		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Di-n-octyl phthalate		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Dibenzo(a,h)anthracene		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Dibenzofuran		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Diethyl phthalate		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Dimethyl phthalate		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Fluoranthene		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Fluorene		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Hexachlorobenzene		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Hexachlorobutadiene		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Hexachlorocyclopentadiene		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

**GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY**

Soil Boring

Semivolatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area Units	SB-027 28 - 42 in. 07/12/99 GC Area 3A mg/Kg	SB-028 32 - 46 in. 07/12/99 GC Area 3A mg/Kg	SB-032 15 - 33 in. 07/12/99 GC Area 2 mg/Kg	SB-035 120 - 144 in. 07/12/99 GD mg/Kg	SB-037 168 - 192 in. 07/13/99 GD mg/Kg	SB-040 80 - 90 in. 07/13/99 GD mg/Kg	SB-041 100 - 108 in. 07/13/99 GD mg/Kg	SB-042 96 - 117 in. 07/13/99 GD mg/Kg	SB-043 66 - 84 in. 07/13/99 GD mg/Kg
Hexachloroethane		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Indeno(1,2,3-cd)pyrene		0.34 UJ	0.34 U	0.34 UJ	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Isophorone		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
N-Nitrosodipropylamine		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
N-Nitrosodiphenylamine		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Naphthalene		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Nitrobenzene		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Pentachlorophenol		1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
Phenanthrene		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Phenol		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Pyrene		0.34 U	0.34 U	0.34 UJ	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Bis(2-chloroethoxy)methane		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Bis(2-chloroethyl)ether		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Bis(2-ethylhexyl)phthalate (BEHP)		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.038 J	0.34 U	0.34 U	0.34 U

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Boring

Semivolatle Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-044 48 - 72 in. 07/13/99 GD mg/Kg	SB-045 212 - 222 in. 07/14/99 GD mg/Kg	SB-047 116 - 136 in. 07/14/99 GD mg/Kg	SB-048 96 - 114 in. 07/14/99 GD mg/Kg	SB-049B 18 - 20 in. 07/15/99 GD mg/Kg	SB-055 72 - 96 in. 07/15/99 GD mg/Kg	SB-056 72 - 96 in. 07/15/99 GD mg/Kg	SB-057 72 - 96 in. 07/15/99 GD mg/Kg	SB-059 120 - 144 in. 07/16/99 GD mg/Kg
1,2,4-Trichlorobenzene		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
1,2-Dichlorobenzene		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
1,3-Dichlorobenzene		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
1,4-Dichlorobenzene		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
Bis(2-chloroisopropyl) ether		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
2,4,5-Trichlorophenol		1.7 U	1.7 U	1.8 U	1.7 U	1.7 U	1.7 U	1.8 U	1.7 U	1.7 U
2,4,6-Trichlorophenol		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
2,4-Dichlorophenol		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
2,4-Dimethylphenol		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
2,4-Dinitrophenol		1.7 U	1.7 U	1.8 U	1.7 U	1.7 U	1.7 U	1.8 U	1.7 U	1.7 U
2,4-Dinitrotoluene		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
2,6-Dinitrotoluene		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
2-Chloronaphthalene		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
2-Chlorophenol		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
2-Methylnaphthalene		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
2-Methylphenol		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
2-Nitroaniline		1.7 U	1.7 U	1.8 U	1.7 U	1.7 U	1.7 U	1.8 U	1.7 U	1.7 U
2-Nitrophenol		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
3,3-Dichlorobenzidine		0.69 U	0.69 U	0.7 U	0.67 U	0.68 U	0.69 U	0.72 U	0.67 U	0.68 U
3-Nitroaniline		1.7 U	1.7 U	1.8 U	1.7 U	1.7 U	1.7 U	1.8 U	1.7 U	1.7 U
4,6-Dinitro-2-methylphenol		1.7 U	1.7 U	1.8 U	1.7 U	1.7 U	1.7 U	1.8 U	1.7 U	1.7 U
4-Bromophenyl phenyl ether		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
4-Chloro-3-methylphenol		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
4-Chloroaniline		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
4-Chlorophenyl phenyl ether		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Boring

Semivolatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property *	SB-044 48 - 72 in. GD	SB-045 212 - 222 in. GD	SB-047 116 - 136 in. GD	SB-048 96 - 114 in. GD	SB-049B 18 - 20 in. GD	SB-055 72 - 96 in. GD	SB-056 72 - 96 in. GD	SB-057 72 - 96 in. GD	SB-059 120 - 144 in. GD
	Excavation Area Units	Area 3C mg/Kg	Area 3C mg/Kg	Area 3C mg/Kg	Area 3C mg/Kg	Area 3C mg/Kg	Area 3C mg/Kg	Area 3C mg/Kg	Area 3C mg/Kg	Area 3C mg/Kg
4-Methylphenol		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
4-Nitroaniline		1.7 U	1.7 U	1.8 U	1.7 U	1.7 U	1.7 U	1.8 U	1.7 U	1.7 U
4-Nitrophenol		1.7 U	1.7 U	1.8 U	1.7 U	1.7 U	1.7 U	1.8 U	1.7 U	1.7 U
Acenaphthene		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
Acenaphthylene		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
Anthracene		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
Benzo(a)anthracene		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
Benzo(a)pyrene		0.34 U	0.34 U	R	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
Benzo(b)fluoranthene		0.34 U	0.34 U	R	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
Benzo(ghi)perylene		0.34 U	0.34 U	R	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
Benzo(k)fluoranthene		0.34 U	0.34 U	R	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
Butyl benzyl phthalate		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
Carbazole		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
Chrysene		0.34 U	0.34 U	0.036 J	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
Di-n-butyl phthalate		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
Di-n-octyl phthalate		0.34 U	0.34 U	R	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
Dibenzo(a,h)anthracene		0.34 U	0.34 U	R	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
Dibenzofuran		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
Diethyl phthalate		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
Dimethyl phthalate		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
Fluoranthene		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
Fluorene		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
Hexachlorobenzene		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
Hexachlorobutadiene		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
Hexachlorocyclopentadiene		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0 U

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Boring

Semivolatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-044 48 - 72 in. 07/13/99 GD	SB-045 212 - 222 in. 07/14/99 GD Area 3C	SB-047 116 - 136 in. 07/14/99 GD Area 3C	SB-048 96 - 114 in. 07/14/99 GD	SB-049B 18 - 20 in. 07/15/99 GD	SB-055 72 - 96 in. 07/15/99 GD	SB-056 72 - 96 in. 07/15/99 GD	SB-057 72 - 96 in. 07/15/99 GD	SB-059 120 - 144 in. 07/16/99 GD
	Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Hexachloroethane		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
Indeno(1,2,3-cd)pyrene		0.34 U	0.34 U	R	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
Isophorone		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
N-Nitrosodipropylamine		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
N-Nitrosodiphenylamine		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
Naphthalene		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
Nitrobenzene		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
Pentachlorophenol		1.7 U	1.7 U	1.8 U	1.7 U	1.7 U	1.7 U	1.8 U	1.7 U	1.7 U
Phenanthrene		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
Phenol		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
Pyrene		0.34 U	0.34 U	0.052 J	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0 U
Bis(2-chloroethoxy)methane		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
Bis(2-chloroethoxy)ether		0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.35 U	0.36 U	0.34 U	0.34 U
Bis(2-ethylhexyl)phthalate (BEHP)		0.34 U	0.34 U	0.44 J	0.34 U	0.069 J	0.35 U	0.36 U	0.34 U	0.34 U

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Semivolatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-063 14 - 16 in. 07/19/99 MD	SB-064 96 - 108 in. 07/19/99 MD	SB-065 125 - 135 in. 07/19/99 MD	SB-066 144 - 156 in. 07/19/99 MD	SB-068 84 - 94 in. 07/19/99 MD	SB-069 168 - 180 in. 07/19/99 MD	SB-071 144 - 160 in. 07/20/99 MD	SB-072 48 - 60 in. 07/20/99 MD	SB-073 168 - 192 in. 07/20/99 MD
	Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
1,2,4-Trichlorobenzene		0.34 U	3.7 U	0.37 U	0.4 U	0.34 U	0.34 U	0.38 U	0.12 J	0.39 U
1,2-Dichlorobenzene		0.34 U	3.7 U	0.37 U	0.4 U	0.34 U	0.34 U	0.38 U	0.13 J	0.39 U
1,3-Dichlorobenzene		0.34 U	3.7 U	0.37 U	0.4 U	0.34 U	0.34 U	0.38 U	0.037 J	0.39 U
1,4-Dichlorobenzene		0.34 U	3.7 U	0.37 U	0.4 U	0.34 U	0.34 U	0.38 U	0.37 U	0.39 U
Bis(2-chloroisopropyl) ether		0.34 U	3.7 U	0.37 U	0.4 U	0.34 U	0.34 U	0.38 U	0.37 U	0.39 U
2,4,5-Trichlorophenol		1.7 U	18 U	1.8 U	2 U	1.7 U	1.7 U	1.9 U	1.9 U	2 U
2,4,6-Trichlorophenol		0.34 U	3.7 U	0.37 U	0.4 U	0.34 U	0.34 U	0.38 U	0.37 U	0.39 U
2,4-Dichlorophenol		0.34 U	3.7 U	0.37 U	0.4 U	0.34 U	0.34 U	0.38 U	0.37 U	0.39 U
2,4-Dimethylphenol		0.34 U	3.7 U	0.37 U	0.4 U	0.34 U	0.34 U	0.38 U	0.37 U	0.39 U
2,4-Dinitrophenol		1.7 U	18 U	1.8 U	2 U	1.7 U	1.7 U	1.9 U	1.9 U	2 U
2,4-Dinitrotoluene		0.34 U	3.7 U	0.37 U	0.4 U	0.34 U	0.34 U	0.38 U	0.37 U	0.39 U
2,6-Dinitrotoluene		0.34 U	3.7 U	0.37 U	0.4 U	0.34 U	0.34 U	0.38 U	0.37 U	0.39 U
2-Chloronaphthalene		0.34 U	3.7 U	0.37 U	0.4 U	0.34 U	0.34 U	0.38 U	0.37 U	0.39 U
2-Chlorophenol		0.34 U	3.7 U	0.37 U	0.4 U	0.34 U	0.34 U	0.38 U	0.37 U	0.39 U
2-Methylnaphthalene		0.34 U	3.7 U	0.37 U	0.4 U	0.34 U	0.34 U	0.38 U	0.37 U	0.39 U
2-Methylphenol		0.34 U	3.7 U	0.37 U	0.4 U	0.34 U	0.34 U	0.38 U	0.37 U	0.39 U
2-Nitroaniline		1.7 U	18 U	1.8 U	2 U	1.7 U	1.7 U	1.9 U	1.9 U	2 U
2-Nitrophenol		0.34 U	3.7 U	0.37 U	0.4 U	0.34 U	0.34 U	0.38 U	0.37 U	0.39 U
3,3-Dichlorobenzidine		0.68 U	7.3 UJ	0.73 U	0.8 U	0.69 U	0.68 U	0.77 U	0.74 U	0.78 U
3-Nitroaniline		1.7 U	18 U	1.8 U	2 U	1.7 U	1.7 U	1.9 U	1.9 U	2 U
4,6-Dinitro-2-methylphenol		1.7 U	18 U	1.8 U	2 U	1.7 U	1.7 U	1.9 U	1.9 U	2 U
4-Bromophenyl phenyl ether		0.34 U	3.7 U	0.37 U	0.4 U	0.34 U	0.34 U	0.38 U	0.37 U	0.39 U
4-Chloro-3-methylphenol		0.34 U	3.7 U	0.37 U	0.4 U	0.34 U	0.34 U	0.38 U	0.37 U	0.39 U
4-Chloroaniline		0.34 U	3.7 U	0.37 U	0.4 U	0.34 U	0.34 U	0.38 U	0.37 U	0.39 U
4-Chlorophenyl phenyl ether		0.34 U	3.7 U	0.37 U	0.4 U	0.34 U	0.34 U	0.38 U	0.37 U	0.39 U

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

**GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY**

Soil Boring

Semivolatle Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-063 14 - 16 in. 07/19/99 MD	SB-064 96 - 108 in. 07/19/99 MD	SB-065 125 - 135 in. 07/19/99 MD	SB-066 144 - 156 in. 07/19/99 MD	SB-068 84 - 94 in. 07/19/99 MD	SB-069 168 - 180 in. 07/19/99 MD	SB-071 144 - 160 in. 07/20/99 MD	SB-072 48 - 60 in. 07/20/99 MD	SB-073 168 - 192 in. 07/20/99 MD
	Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
4-Methylphenol		0.34 U	3.7 U	0.37 U	0.4 U	0.34 U	0.34 U	0.38 U	0.37 U	0.39 U
4-Nitroaniline		1.7 U	18 U	1.8 U	2 U	1.7 U	1.7 U	1.9 U	1.9 U	2 U
4-Nitrophenol		1.7 U	18 U	1.8 U	2 U	1.7 U	1.7 U	1.9 U	1.9 U	2 U
Acenaphthene		0.34 U	3.7 U	0.37 U	0.4 U	0.34 U	0.34 U	0.38 U	0.37 U	0.39 U
Acenaphthylene		0.34 U	3.7 U	0.37 U	0.4 U	0.34 U	0.34 U	0.38 U	0.37 U	0.39 U
Anthracene		0.34 U	3.7 U	0.37 U	0.4 U	0.34 U	0.34 U	0.38 U	0.37 U	0.39 U
Benzo(a)anthracene		0.34 U	0.45 J	0.37 U	0.4 U	0.34 U	0.34 U	0.38 U	0.37 U	0.39 U
Benzo(a)pyrene		0.34 U	0.62 J	0.37 U	0.4 U	0.34 U	0.34 U	0.38 U	0.37 U	0.39 U
Benzo(b)fluoranthene		0.34 U	0.75 J	0.37 U	0.4 U	0.34 U	0.34 U	0.38 U	0.37 U	0.39 U
Benzo(ghi)perylene		0.34 UJ	0.62 J	0.37 UJ	0.4 UJ	0.34 UJ	0.34 UJ	0.38 UJ	0.37 UJ	0.39 UJ
Benzo(k)fluoranthene		0.34 U	3.7 UJ	0.37 U	0.4 U	0.34 U	0.34 U	0.38 U	0.37 UJ	0.39 U
Butyl benzyl phthalate		0.34 U	3.7 UJ	0.37 U	0.4 U	0.34 U	0.34 U	0.38 U	0.37 U	0.39 U
Carbazole		0.34 U	3.7 UJ	0.37 U	0.4 U	0.34 U	0.34 U	0.38 U	0.37 U	0.39 U
Chrysene		0.34 U	0.67 J	0.37 U	0.4 U	0.34 U	0.34 U	0.38 U	0.37 U	0.39 U
Di-n-butyl phthalate		0.34 U	3.7 U	0.37 U	0.4 U	0.34 U	0.34 U	0.38 U	0.37 U	0.39 U
Di-n-octyl phthalate		0.085 J	3.7 UJ	0.37 U	0.4 U	0.34 U	0.34 U	0.38 U	0.37 UJ	0.39 U
Dibenzo(a,h)anthracene		0.34 UJ	3.7 UJ	0.37 UJ	0.4 UJ	0.34 UJ	0.34 UJ	0.38 UJ	0.37 UJ	0.39 UJ
Dibenzofuran		0.34 U	3.7 U	0.37 U	0.4 U	0.34 U	0.34 U	0.38 U	0.37 U	0.39 U
Diethyl phthalate		0.34 U	3.7 U	0.37 U	0.4 U	0.34 U	0.34 U	0.38 U	0.37 U	0.39 U
Dimethyl phthalate		0.34 U	3.7 U	0.37 U	0.4 U	0.34 U	0.34 U	0.38 U	0.37 U	0.39 U
Fluoranthene		0.34 U	0.58 J	0.37 U	0.4 U	0.34 U	0.34 U	0.38 U	0.37 U	0.39 U
Fluorene		0.34 U	3.7 U	0.37 U	0.4 U	0.34 U	0.34 U	0.38 U	0.37 U	0.39 U
Hexachlorobenzene		0.34 U	3.7 U	0.37 U	0.4 U	0.34 U	0.34 U	0.38 U	0.37 U	0.39 U
Hexachlorobutadiene		0.34 U	3.7 U	0.37 U	0.4 U	0.34 U	0.34 U	0.38 U	0.37 U	0.39 U
Hexachlorocyclopentadiene		0.34 UJ	3.7 UJ	0.37 UJ	0.4 UJ	0.34 UJ	0.34 UJ	0.38 UJ	0.37 UJ	0.39 UJ

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Boring

Semivolatle Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-063 14 - 16 in. 07/19/99 MD	mg/Kg	SB-064 96 - 108 in. 07/19/99 MD	mg/Kg	SB-065 125 - 135 in. 07/19/99 MD	mg/Kg	SB-066 144 - 156 in. 07/19/99 MD	mg/Kg	SB-068 84 - 94 in. 07/19/99 MD	mg/Kg	SB-069 168 - 180 in. 07/19/99 MD	mg/Kg	SB-071 144 - 160 in. 07/20/99 MD	mg/Kg	SB-072 48 - 60 in. 07/20/99 MD	mg/Kg	SB-073 168 - 192 in. 07/20/99 MD	mg/Kg
Hexachloroethane		0.34 U		3.7 U		0.37 U		0.4 U		0.34 U		0.34 U		0.38 U		0.37 U		0.39 U	
Indeno(1,2,3-cd)pyrene		0.34 UJ		0.44 J		0.37 UJ		0.4 UJ		0.34 UJ		0.34 UJ		0.38 UJ		0.37 UJ		0.39 UJ	
Isophorone		0.34 U		3.7 U		0.37 U		0.4 U		0.34 U		0.34 U		0.38 U		0.37 U		0.39 U	
N-Nitrosodipropylamine		0.34 U		3.7 U		0.37 U		0.4 U		0.34 U		0.34 U		0.38 U		0.37 U		0.39 U	
N-Nitrosodiphenylamine		0.34 U		3.7 U		0.37 U		0.4 U		0.34 U		0.34 U		0.38 U		0.37 U		0.39 U	
Naphthalene		0.34 U		3.7 U		0.37 U		0.4 U		0.34 U		0.34 U		0.38 U		0.37 U		0.39 U	
Nitrobenzene		0.34 U		3.7 U		0.37 U		0.4 U		0.34 U		0.34 U		0.38 U		0.37 U		0.39 U	
Pentachlorophenol		1.7 U		18 UJ		1.8 UJ		2 UJ		1.7 UJ		1.7 UJ		1.9 UJ		1.9 UJ		2 UJ	
Phenanthrene		0.34 U		0.51 J		0.37 U		0.4 U		0.34 U		0.34 U		0.38 U		0.37 U		0.39 U	
Phenol		0.34 U		3.7 U		0.37 U		0.4 U		0.34 U		0.34 U		0.38 U		0.37 U		0.39 U	
Pyrene		0.34 U		1 J		0.37 U		0.4 U		0.34 U		0.34 U		0.38 U		0.044 J		0.39 U	
Bis(2-chloroethoxy)methane		0.34 U		3.7 U		0.37 U		0.4 U		0.34 U		0.34 U		0.38 U		0.37 U		0.39 U	
Bis(2-chloroethyl)ether		0.34 U		3.7 U		0.37 U		0.4 U		0.34 U		0.34 U		0.38 U		0.37 U		0.39 U	
Bis(2-ethylhexyl)phthalate (BEHP)		0.34 U		3.7 UJ		0.37 U		0.4 U		0.34 U		0.34 U		0.38 U		0.065 J		0.39 U	

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Table 15
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Boring

Semivolatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-075 168 - 180 in. 07/20/99 MD	SB-076 168 - 192 in. 07/20/99 MD	SB-077 156 - 180 in. 07/20/99 MD	SB-078 175 - 189 in. 07/21/99 MD	SB-079 144 - 156 in. 07/21/99 MD	SB-080 180 - 192 in. 07/21/99 MD	SB-081 174 - 186 in. 07/21/99 MD	SB-082 180 - 192 in. 07/21/99 MD	SB-083 72 - 96 in. 07/21/99 MD
	Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
1,2,4-Trichlorobenzene		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
1,2-Dichlorobenzene		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
1,3-Dichlorobenzene		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
1,4-Dichlorobenzene		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
Bis(2-chloroisopropyl) ether		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
2,4,5-Trichlorophenol		1.7 U	1.7 U	1.8 U	1.8 U	1.9 U	1.7 U	1.8 U	1.7 U	1.7 U
2,4,6-Trichlorophenol		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
2,4-Dichlorophenol		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
2,4-Dimethylphenol		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
2,4-Dinitrophenol		1.7 U	1.7 U	1.8 U	1.8 U	1.9 U	1.7 U	1.8 U	1.7 U	1.7 U
2,4-Dinitrotoluene		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
2,6-Dinitrotoluene		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
2-Chloronaphthalene		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
2-Chlorophenol		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
2-Methylnaphthalene		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
2-Methylphenol		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
2-Nitroaniline		1.7 U	1.7 U	1.8 U	1.8 U	1.9 U	1.7 U	1.8 U	1.7 U	1.7 U
2-Nitrophenol		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
3,3-Dichlorobenzidine		0.68 U	0.69 U	0.7 U	0.7 U	0.74 U	0.68 U	0.7 U	0.68 U	0.68 U
3-Nitroaniline		1.7 U	1.7 U	1.8 U	1.8 U	1.9 U	1.7 U	1.8 U	1.7 U	1.7 U
4,6-Dinitro-2-methylphenol		1.7 U	1.7 U	1.8 U	1.8 U	1.9 U	1.7 U	1.8 U	1.7 U	1.7 U
4-Bromophenyl phenyl ether		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
4-Chloro-3-methylphenol		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
4-Chloroaniline		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
4-Chlorophenyl phenyl ether		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U

NOTES: U - not detected, J - estimated value, --- not detected/analyzed, NC - no criteria, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

**GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Boring**

Semivolatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-075 168 - 180 in. 07/20/99 MD	SB-076 168 - 192 in. 07/20/99 MD	SB-077 156 - 180 in. 07/20/99 MD	SB-078 175 - 189 in. 07/21/99 MD	SB-079 144 - 156 in. 07/21/99 MD	SB-080 180 - 192 in. 07/21/99 MD	SB-081 174 - 186 in. 07/21/99 MD	SB-082 180 - 192 in. 07/21/99 MD	SB-083 72 - 96 in. 07/21/99 MD
	Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
4-Methylphenol		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
4-Nitroaniline		1.7 U	1.7 U	1.8 U	1.8 U	1.9 U	1.7 U	1.8 U	1.7 U	1.7 U
4-Nitrophenol		1.7 U	1.7 U	1.8 U	1.8 U	1.9 U	1.7 U	1.8 U	1.7 U	1.7 U
Acenaphthene		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
Acenaphthylene		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
Anthracene		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
Benzo(a)anthracene		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
Benzo(a)pyrene		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
Benzo(b)fluoranthene		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
Benzo(ghi)perylene		0.34 UJ	0.34 UJ	0.35 UJ	0.35 UJ	0.37 U	0.34 UJ	0.35 UJ	0.34 U	0.34 UJ
Benzo(k)fluoranthene		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
Butyl benzyl phthalate		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
Carbazole		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
Chrysene		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
Di-n-butyl phthalate		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
Di-n-octyl phthalate		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
Dibenzo(a,h)anthracene		0.34 UJ	0.34 UJ	0.35 UJ	0.35 UJ	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
Dibenzofuran		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
Diethyl phthalate		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
Dimethyl phthalate		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
Fluoranthene		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
Fluorene		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
Hexachlorobenzene		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
Hexachlorobutadiene		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
Hexachlorocyclopentadiene		0.34 UJ	0.34 UJ	0.35 UJ	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Boring

Semivolatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-075 168 - 180 in. 07/20/99 MD	SB-076 168 - 192 in. 07/20/99 MD	SB-077 156 - 180 in. 07/20/99 MD	SB-078 175 - 189 in. 07/21/99 MD	SB-079 144 - 156 in. 07/21/99 MD	SB-080 180 - 192 in. 07/21/99 MD	SB-081 174 - 186 in. 07/21/99 MD	SB-082 180 - 192 in. 07/21/99 MD	SB-083 72 - 96 in. 07/21/99 MD
	Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Hexachloroethane		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
Indeno(1,2,3-cd)pyrene		0.34 UJ	0.34 UJ	0.35 UJ	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
Isophorone		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
N-Nitrosodipropylamine		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
N-Nitrosodiphenylamine		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
Naphthalene		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
Nitrobenzene		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
Pentachlorophenol		1.7 UJ	1.7 UJ	1.8 UJ	1.8 U	1.9 UJ	1.7 U	1.8 U	1.7 UJ	1.7 U
Phenanthrene		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
Phenol		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
Pyrene		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
Bis(2-chloroethoxy)methane		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
Bis(2-chloroethyl)ether		0.34 U	0.34 U	0.35 U	0.35 U	0.37 U	0.34 U	0.35 U	0.34 U	0.34 U
Bis(2-ethylhexyl)phthalate (BEHP)		0.34 U	0.34 U	0.35 U	0.35 U	0.11 J	0.34 U	0.073 J	0.34 U	0.051 J

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Table 15
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Boring

Semivolatle Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-084 72 - 96 in. 07/21/99 MD	SB-085 72 - 91 in. 07/21/99 MD	SB-085B 156 - 168 in. 07/22/99 MD	SB-086 168 - 180 in. 07/22/99 MD	SB-087 156 - 180 in. 07/22/99 MD	SB-088 168 - 192 in. 07/22/99 MD	SB-089 168 - 192 in. 07/22/99 MD	SB-090 144 - 168 in. 07/22/99 MD	SB-091 174 - 192 in. 07/22/99 MD
	Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
1,2,4-Trichlorobenzene		0.34 U	0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	3.7 U	0.34 U
1,2-Dichlorobenzene		0.34 U	0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	3.7 U	0.34 U
1,3-Dichlorobenzene		0.34 U	0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	3.7 U	0.34 U
1,4-Dichlorobenzene		0.34 U	0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	3.7 U	0.34 U
Bis(2-chloroisopropyl) ether		0.34 UJ	0.34 UJ	0.34 UJ	0.35 UJ	0.34 UJ	0.34 UJ	0.34 UJ	3.7 UJ	0.34 UJ
2,4,5-Trichlorophenol		1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	19 U	1.7 U
2,4,6-Trichlorophenol		0.34 U	0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	3.7 U	0.34 U
2,4-Dichlorophenol		0.34 U	0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	3.7 U	0.34 U
2,4-Dimethylphenol		0.34 U	0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	3.7 U	0.34 U
2,4-Dinitrophenol		1.7 UJ	1.7 UJ	1.7 UJ	1.7 UJ	1.7 UJ	1.7 U	1.7 U	19 U	1.7 U
2,4-Dinitrotoluene		0.34 U	0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	3.7 U	0.34 U
2,6-Dinitrotoluene		0.34 U	0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	3.7 U	0.34 U
2-Chloronaphthalene		0.34 U	0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	3.7 U	0.34 U
2-Chlorophenol		0.34 U	0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	3.7 U	0.34 U
2-Methylnaphthalene		0.34 U	0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	3.7 U	0.34 U
2-Methylphenol		0.34 U	0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	3.7 U	0.34 U
2-Nitroaniline		1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	19 U	1.7 U
2-Nitrophenol		0.34 U	0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	3.7 U	0.34 U
3,3-Dichlorobenzidine		0.69 U	0.68 U	0.67 U	0.69 U	0.68 U	0.69 U	0.69 U	7.5 U	0.69 U
3-Nitroaniline		1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	19 U	1.7 U
4,6-Dinitro-2-methylphenol		1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	19 U	1.7 U
4-Bromophenyl phenyl ether		0.34 U	0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	3.7 U	0.34 U
4-Chloro-3-methylphenol		0.34 U	0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	3.7 U	0.34 U
4-Chloroaniline		0.34 U	0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	3.7 U	0.34 U
4-Chlorophenyl phenyl ether		0.34 U	0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	3.7 U	0.34 U

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Boring

Semivolatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-084 72 - 96 in. 07/21/99 MD	SB-085 72 - 91 in. 07/21/99 MD	SB-085B 156 - 168 in. 07/22/99 MD	SB-086 168 - 180 in. 07/22/99 MD	SB-087 156 - 180 in. 07/22/99 MD	SB-088 168 - 192 in. 07/22/99 MD	SB-089 168 - 192 in. 07/22/99 MD	SB-090 144 - 168 in. 07/22/99 MD	SB-091 174 - 192 in. 07/22/99 MD
	Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
4-Methylphenol	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	3.7 U	0.34 U
4-Nitroaniline	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	19 U	1.7 U
4-Nitrophenol	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	19 U	1.7 U
Acenaphthene	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	3.7 U	0.34 U
Acenaphthylene	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	3.7 U	0.34 U
Anthracene	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	1.3 J	0.34 U
Benzo(a)anthracene	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	3.9	0.34 U
Benzo(a)pyrene	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	3.3 J	0.34 U
Benzo(b)fluoranthene	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	4.8	0.34 U
Benzo(ghi)perylene	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	1.2 J	0.34 U
Benzo(k)fluoranthene	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	1.9 J	0.34 U
Butyl benzyl phthalate	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	3.7 U	0.34 U
Carbazole	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	0.73 J	0.34 U
Chrysene	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	3.6 J	0.34 U
Di-n-butyl phthalate	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	3.7 U	0.34 U
Di-n-octyl phthalate	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	3.7 U	0.34 U
Dibenzo(a,h)anthracene	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	0.45 J	0.34 U
Dibenzofuran	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	3.7 U	0.34 U
Diethyl phthalate	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	3.7 U	0.34 U
Dimethyl phthalate	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	3.7 U	0.34 U
Fluoranthene	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	6.1	0.34 U
Fluorene	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	3.7 U	0.34 U
Hexachlorobenzene	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	3.7 U	0.34 U
Hexachlorobutadiene	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	3.7 U	0.34 U
Hexachlorocyclopentadiene	0.34 U	0.34 U	0.34 U	0.34 U	0.35 U	0.34 U	0.34 U	0.34 U	3.7 U	0.34 U

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Semivolatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-084 72 - 96 in. 07/21/99 MD	mg/Kg	SB-085 72 - 91 in. 07/21/99 MD	mg/Kg	SB-085B 156 - 168 in. 07/22/99 MD	mg/Kg	SB-086 168 - 180 in. 07/22/99 MD	mg/Kg	SB-087 156 - 180 in. 07/22/99 MD	mg/Kg	SB-088 168 - 192 in. 07/22/99 MD	mg/Kg	SB-089 168 - 192 in. 07/22/99 MD	mg/Kg	SB-090 144 - 168 in. 07/22/99 MD	mg/Kg	SB-091 174 - 192 in. 07/22/99 MD	mg/Kg
Hexachloroethane		0.34 U		0.34 U		0.34 U		0.35 U		0.34 U		0.34 U		0.34 U		3.7 U		0.34 U	
Indeno(1,2,3-cd)pyrene		0.34 U		0.34 U		0.34 U		0.35 U		0.34 U		0.34 U		0.34 U		1.2 J		0.34 U	
Isophorone		0.34 U		0.34 U		0.34 U		0.35 U		0.34 U		0.34 U		0.34 U		3.7 U		0.34 U	
N-Nitrosodipropylamine		0.34 U		0.34 U		0.34 U		0.35 U		0.34 U		0.34 U		0.34 U		3.7 U		0.34 U	
N-Nitrosodiphenylamine		0.34 U		0.34 U		0.34 U		0.35 U		0.34 U		0.34 U		0.34 U		3.7 U		0.34 U	
Naphthalene		0.34 U		0.34 U		0.34 U		0.35 U		0.34 U		0.34 U		0.34 U		3.7 U		0.34 U	
Nitrobenzene		0.34 U		0.34 U		0.34 U		0.35 U		0.34 U		0.34 U		0.34 U		3.7 U		0.34 U	
Pentachlorophenol		1.7 UJ		1.7 UJ		1.7 UJ		1.7 UJ		1.7 UJ		1.7 U		1.7 U		19 U		1.7 U	
Phenanthrene		0.34 U		0.34 U		0.34 U		0.35 U		0.34 U		0.34 U		0.34 U		4.5		0.34 U	
Phenol		0.34 U		0.34 U		0.34 U		0.35 U		0.34 U		0.34 U		0.34 U		3.7 U		0.34 U	
Pyrene		0.34 U		0.34 U		0.34 U		0.35 U		0.34 U		0.34 U		0.34 U		8.5 J		0.34 U	
Bis(2-chloroethoxy)methane		0.34 U		0.34 U		0.34 U		0.35 U		0.34 U		0.34 U		0.34 U		3.7 U		0.34 U	
Bis(2-chloroethyl)ether		0.34 U		0.34 U		0.34 U		0.35 U		0.34 U		0.34 U		0.34 U		3.7 U		0.34 U	
Bis(2-ethylhexyl)phthalate (BEHP)		0.34 U		0.055 J		0.34 U		0.35 U		0.34 U		0.34 U		0.34 U		3.7 U		0.34 U	

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Semivolatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-092 168 - 192 in. 07/23/99 MD	SB-093 168 - 192 in. 07/23/99 MD	SB-094 72 - 96 in. 07/23/99 MD	SB-095 72 - 90 in. 07/23/99 MD	SB-096 72 - 84 in. 07/23/99 MD	SB-097 168 - 192 in. 07/23/99 GD	SB-105 54 - 60 in. 08/11/99 GD	SB-105 70 - 76 in. 08/11/99 GD
	Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
1,2,4-Trichlorobenzene		0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U
1,2-Dichlorobenzene		0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U
1,3-Dichlorobenzene		0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U
1,4-Dichlorobenzene		0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U
Bis(2-chloroisopropyl) ether		0.35 UJ	0.35 UJ	0.34 UJ	0.34 UJ	0.34 UJ	0.34 UJ	4.6 U	0.35 U
2,4,5-Trichlorophenol		1.8 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	23 U	1.8 U
2,4,6-Trichlorophenol		0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U
2,4-Dichlorophenol		0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U
2,4-Dimethylphenol		0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U
2,4-Dinitrophenol		1.8 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	23 U	1.8 U
2,4-Dinitrotoluene		0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U
2,6-Dinitrotoluene		0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U
2-Chloronaphthalene		0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U
2-Chlorophenol		0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U
2-Methylnaphthalene		0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	1.8 U	0.35 U
2-Methylphenol		0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U
2-Nitroaniline		1.8 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	23 U	1.8 U
2-Nitrophenol		0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U
3,3-Dichlorobenzidine		0.7 U	0.69 U	0.69 U	0.67 U	0.69 U	0.69 U	9.3 U	0.7 U
3-Nitroaniline		1.8 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	23 U	1.8 U
4,6-Dinitro-2-methylphenol		1.8 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	23 U	1.8 U
4-Bromophenyl phenyl ether		0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U
4-Chloro-3-methylphenol		0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U
4-Chloroaniline		0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U
4-Chlorophenyl phenyl ether		0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Table 15
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Boring

Semivolatle Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-092 168 - 192 in. 07/23/99 MD	SB-093 168 - 192 in. 07/23/99 MD	SB-094 72 - 96 in. 07/23/99 MD	SB-095 72 - 90 in. 07/23/99 MD	SB-096 72 - 84 in. 07/23/99 MD	SB-097 168 - 192 in. 07/23/99 GD	SB-105 54 - 60 in. 08/11/99 GD	SB-105 70 - 76 in. 08/11/99 GD
	Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
4-Methylphenol	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U
4-Nitroaniline	1.8 U	1.8 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	23 U	1.8 U
4-Nitrophenol	1.8 U	1.8 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	23 U	1.8 U
Acenaphthene	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U
Acenaphthylene	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U
Anthracene	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U
Benzo(a)anthracene	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	0.87 J	0.35 U
Benzo(a)pyrene	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U
Benzo(b)fluoranthene	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U
Benzo(ghi)perylene	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U
Benzo(k)fluoranthene	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U
Butyl benzyl phthalate	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U
Carbazole	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U
Chrysene	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	1.6 J	0.35 U
Di-n-butyl phthalate	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	2.4 J	0.07 J
Di-n-octyl phthalate	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	2.1 J	0.35 U
Dibenzo(a,h)anthracene	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U
Dibenzofuran	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U
Diethyl phthalate	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U
Dimethyl phthalate	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U
Fluoranthene	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U
Fluorene	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U
Hexachlorobenzene	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U
Hexachlorobutadiene	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U
Hexachlorocyclopentadiene	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Boring

Semivolatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-092 168 - 192 in. 07/23/99 MD	SB-093 168 - 192 in. 07/23/99 MD	SB-094 72 - 96 in. 07/23/99 MD	SB-095 72 - 90 in. 07/23/99 MD	SB-096 72 - 84 in. 07/23/99 MD	SB-097 168 - 192 in. 07/23/99 GD	SB-105 54 - 60 in. 08/11/99 GD	SB-105 70 - 76 in. 08/11/99 GD
	Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Hexachloroethane		0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U
Indeno(1,2,3-cd)pyrene		0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U
Isophorone		0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U
N-Nitrosodipropylamine		0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U
N-Nitrosodiphenylamine		0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U
Naphthalene		0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	0.48 U	0.35 U
Nitrobenzene		0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U
Pentachlorophenol		1.8 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	23 U	1.8 U
Phenanthrene		0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	8.8	0.35 U
Phenol		0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U
Pyrene		0.35 UJ	0.35 U	0.34 U	0.34 U	0.34 UJ	0.34 UJ	1.7 J	0.038 J
Bis(2-chloroethoxy)methane		0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U
Bis(2-chloroethyl)ether		0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	4.6 U	0.35 U
Bis(2-ethylhexyl)phthalate (BEHP)		0.35 U	0.35 U	0.34 U	0.34 U	0.34 U	0.34 U	7.8	0.35 U

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Soil polychlorinated biphenyls data

Table 16
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Boring
PCB Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-005 96 - 120 in. 07/07/99 AT	SB-006 136 - 160 in. 07/08/99 AT	SB-010B 48 - 72 in. 07/09/99 AT	SB-011 72 - 96 in. 07/09/99 AT	SB-012 120 - 144 in. 07/09/99 AT	SB-013 120 - 144 in. 07/09/99 AT	SB-014 96 - 132 in. 07/09/99 AT	SB-023B 160 - 177 in. 07/11/99 GD	SB-035 120 - 144 in. 07/12/99 GD
	Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Aroclor 1016		0.02 U	0.02 U	0.02 U	0.04 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Aroclor 1221		0.02 U	0.02 U	0.02 U	0.04 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Aroclor 1232		0.02 U	0.02 U	0.02 U	0.04 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Aroclor 1242		0.02 U	0.02 U	0.02 U	0.04 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Aroclor 1248		0.02 U	0.02 U	0.02 U	0.04 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Aroclor 1254		0.006 J	0.008 J	0.004 J	0.1	0.003 J	0.02 U	0.02 U	0.03	0.02 J
Aroclor 1260		0.02 U	0.02 U	0.02 U	0.04 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-037 168 - 192 in. 07/13/99 GD	mg/Kg	SB-054 96 - 120 in. 07/15/99 GD	mg/Kg	SB-063 14 - 16 in. 07/19/99 MD	mg/Kg	SB-065 125 - 135 in. 07/19/99 MD	mg/Kg	SB-069 168 - 180 in. 07/19/99 MD	mg/Kg	SB-079 144 - 156 in. 07/21/99 MD	mg/Kg	SB-097 168 - 192 in. 07/23/99 GD	mg/Kg
Aroclor 1016		0.02 U		0.9 U		0.02 U		0.02 U		0.02 U		0.4 U		0.02 U	
Aroclor 1221		0.02 U		0.9 U		0.02 U		0.02 U		0.02 U		0.4 U		0.02 U	
Aroclor 1232		0.02 U		0.9 U		0.02 U		0.02 U		0.02 U		0.4 U		0.02 U	
Aroclor 1242		0.02 U		0.9 U		0.02 U		0.02 U		0.02 U		0.4 U		0.02 U	
Aroclor 1248		0.02 U		0.9 U		0.02 U		0.02 U		0.02 U		0.4 U		0.02 U	
Aroclor 1254		0.01 J		5		0.002 J		0.004 J		0.007 J		2		0.02 J	
Aroclor 1260		0.02 U		0.9 U		0.02 U		0.02 U		0.02 U		0.4 U		0.02 U	

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, R - unusable.
 * Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Soils metals data

**GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY**

Soil Boring

Metals Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	Units	BK-001 68 - 88 in. 07/12/99 BK	BK-002 0 - 3 in. 07/12/99 BK	BK-002 84 - 96 in. 07/12/99 BK	SB-005 96 - 120 in. 07/07/99 AT	SB-006 0 - 24 in. 07/08/99 AT	SB-007 156 - 180 in. 07/08/99 AT	SB-008 168 - 192 in. 07/08/99 AT	SB-010B 48 - 72 in. 07/09/99 AT
Aluminum	22100	mg/Kg	1390	22200	1520	1500	6480	2260	1370	4840
Antimony	0.38 J		0.16 U	0.39 J	0.16 U	0.16 U	0.35 J	0.17 U	0.18 J	0.17 U
Arsenic	26.8		1.1	26.3	1.1	1	19.9	1.4	0.86	2
Barium	63.6		8.3 J	65.6	8 J	10.6	22.6	7.4 J	8.4 J	16
Beryllium	0.59 J		0.18 J	0.61 J	0.16 J	0.13 J	0.31 J	0.13 J	0.12 J	0.29 J
Cadmium	0.12 J		0.043 U	0.14 J	0.043 U	0.043 U	0.044 U	0.044 U	0.043 U	0.045 U
Calcium	1200		66.4 J	1250	99.3 J	121	8270	129	71.9 J	396
Chromium	30.4		2.9	32.4	4.1	8.5	25	5.8	3.2	7.4
Cobalt	4 J		1.1 J	4.3 J	0.55 J	1.5 J	3 J	1.1 J	0.98 J	2.9 J
Copper	21.8		2.4	28	3.1	3.1	14.4	10.1	2.3	6.3
Iron	20900 J		5290 J	21700 J	5890 J	5720	15500	4750	4020	7880
Lead	48 J		1.4 J	59.9 J	1.7 J	1.2	12.8	2	1.2	3
Magnesium	2100		193	2200	228	286	2430	545	232	1010
Manganese	257 J		75.2 J	246 J	66.4 J	168 J	155 J	34.6 J	41.9 J	215 J
Mercury	0.3		0.018 U	0.23	0.018 U	0.018 U	0.2	0.019 U	0.018 U	0.019 U
Nickel	12.3		1.8 J	13	2.2 J	4.6 J	7.2	3 J	2.1 J	8.2
Potassium	694		107 J	758	125 J	217 J	651	308 J	210 J	353 J
Selenium	1.7		0.37 U	1.9	0.54	0.37 U	1.1	0.37 U	0.37 U	0.49 J
Silver	0.11 U		0.1 U	0.11 U	0.1 U	0.1 U	0.55 J	0.1 U	0.1 U	0.41 J
Sodium	64.2 J		13.5 J	59.4 J	14.2 J	17.6 J	169	12.9 J	14.2 J	36.9 J
Thallium	0.4 U		0.39 U	0.41 U	0.39 U	0.39 U	0.4 U	0.79 J	0.9 J	0.4 U
Cyanide	0.53 U		0.51 U	0.53 U	0.51 U	0.51 U	0.52 U	---	---	0.53 U
Vanadium	37.4		3.5 J	39.6	4.5 J	4 J	18.9	5.1 J	3.1 J	10.6
Zinc	43.8		11.5	54.7	7	6 J	24.2 J	21.7 J	5.3 J	12.1 J

NOTES: U - not detected, J - estimated value, --- - not detected, NC - no criteria, SB - site background, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

**GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY**

**Soil Boring
Metals Data**

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-012 120 - 144 in. 07/09/99 AT	SB-013 120 - 144 in. 07/09/99 AT	SB-014 96 - 132 in. 07/09/99 AT	SB-015 159 - 174 in. 07/10/99 MD	SB-016 168 - 192 in. 07/10/99 MD	SB-018 48 - 96 in. 07/10/99 GD	SB-019 48 - 96 in. 07/10/99 GD	SB-020 72 - 90 in. 07/11/99 GD	SB-021 74 - 81 in. 07/11/99 GD
	Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Aluminum	4210	0.17 U	0.16 U	0.16 U	0.22 J	0.16 U	0.17 U	0.19 J	0.17 U	0.2 U
Antimony	1.9	19.2	12.5	0.98	0.69	1.1	2.9	2.4	1.6	5.4
Arsenic	0.37 J	0.22 J	0.22 J	0.18 J	0.12 J	0.11 J	0.25 J	0.22 J	0.16 J	0.64 J
Barium	0.045 U	0.042 U	0.042 U	0.043 U	0.044 U	0.043 U	0.044 U	0.044 U	0.044 U	0.054 U
Beryllium	559	10.9	8.1	5.3	4.7	3.4	14.3	8	4.1	27.9
Calcium	2.6 J	6.6	3 J	0.87 J	1.5 J	0.82 J	2.4 J	1.6 J	0.87 J	5.6 J
Chromium	6.6	11700	8270	4270	4710	4740	9530	6270	6020	17000
Cobalt	3.7	1040	479	324	263	308	1490	729	354	3960
Copper	150 J	0.019 U	0.018 U	0.018 U	0.019 U	0.018 U	0.048 J	0.019 U	0.019 U	0.056 J
Iron	17.9	370 J	3.3 J	2.3 J	685	20.5	39.2	3.9 J	2.4 J	13.8
Lead	0.73	0.11 U	0.1 U	0.1 U	0.38 U	0.37 U	0.38 U	0.38 U	0.38 U	0.68
Magnesium	0.11 U	50.3 J	33.2 J	24.9 J	31.1 J	17.4 J	197	22.8 J	14.1 J	0.13 U
Manganese	1.1 J	0.53 U	0.5 U	0.39 U	0.4 U	0.39 U	0.4 U	0.4 U	0.4 U	0.49 U
Mercury	10.6	17 J	6.3	5.5	3.2 J	0.51 U	0.53 U	0.52 U	0.53 U	0.64 U
Nickel	0.11 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 J	0.1 U	0.11 U	0.13 U
Potassium	0.11 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 J	0.1 U	0.11 U	0.13 U
Selenium	0.11 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 J	0.1 U	0.11 U	0.13 U
Silver	0.11 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 J	0.1 U	0.11 U	0.13 U
Sodium	0.11 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 J	0.1 U	0.11 U	0.13 U
Thallium	0.11 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 J	0.1 U	0.11 U	0.13 U
Cyanide	0.11 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 J	0.1 U	0.11 U	0.13 U
Vanadium	0.11 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 J	0.1 U	0.11 U	0.13 U
Zinc	0.11 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 J	0.1 U	0.11 U	0.13 U

NOTES: U - not detected, J - estimated value, --- - not detected, NC - no criteria, SB - site background, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.



Table 17

GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NYSoil Boring
Metals Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area Units	SB-022 48 - 96 in. GD mg/Kg	SB-023B 160 - 177 in. GD mg/Kg	SB-024 48 - 60 in. GD Area 3C mg/Kg	SB-024 66 - 84 in. GD Area 3C mg/Kg	SB-027 28 - 42 in. GC Area 3A mg/Kg	SB-028 32 - 46 in. GC Area 3A mg/Kg	SB-032 15 - 33 in. GC Area 2 mg/Kg	SB-035 120 - 144 in. GD mg/Kg	SB-037 168 - 192 in. GD mg/Kg
Aluminum		6110	1290	13000	2970 J	3060	7180	4240	1150	1210
Antimony		0.17 U	0.16 U	0.33 J	11.8 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Arsenic		3.2	0.7	24.6	1.4 U	1.1	2	2	0.51	0.73
Barium		21.2	6.1 J	51.6	9.6 J	8.8 J	17.6	13.5	6.5 J	6.7 J
Beryllium		0.26 J	0.096 J	0.42 J	3.8 J	0.18 J	0.29 J	0.26 J	0.093 J	0.11 J
Cadmium		0.045 U	0.043 U	0.52 J	3.8 J	0.043 U	0.042 U	0.043 U	0.043 U	0.043 U
Calcium		4060	130	16900	3380 J	103	136	208	138	125
Chromium		9.3	4.3	75.8	171	4.6	10.6	7.5	3.3	2.7
Cobalt		1.8 J	0.4 J	5.1 J	19.4 J	1.4 J	3.1 J	2.1 J	1.4 J	0.46 J
Copper		7.1	7.5	57.8	5520	2.8	4.3	4	10.1	5.6
Iron		7980	4120	18400	2530 J	5500 J	9690 J	7700 J	3520 J	5990 J
Lead		8.2	1.8	43.2	133	1.9 J	3.7 J	3 J	5 J	1.3 J
Magnesium		2330	333	4300	2110	446	1250	801	302	215
Manganese		63.4 J	25 J	174 J	20.9 J	91.1 J	155 J	95.8 J	66.5 J	69.4 J
Mercury		0.019 U	0.018 U	0.15	0.71	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U
Nickel		7.3	110	289	154	2.9 J	5.6	5.1 J	44.5	5 J
Potassium		348 J	133 J	570	121 J	156 J	302 J	324 J	124 J	113 J
Selenium		0.42 J	0.37 U	1.2	3.8	0.37 U	0.36 U	0.43 J	0.37 U	0.37 U
Silver		0.11 U	0.22 J	0.41 J	43.8	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Sodium		43.3 J	23.3 J	667	26700	17.1 J	27.5 J	21.1 J	21.1 J	19.8 J
Thallium		0.4 U	0.39 U	0.43 U	28.9 J	0.39 U	0.38 U	0.39 U	0.39 U	0.39 U
Cyanide		0.53 U	0.51 U	0.57 U	---	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U
Vanadium		13.6	3.6 J	35.1	0.44 U	6	13.4	9.9	3 J	3.3 J
Zinc		31 J	6.1 J	74 J	40.6	7.8	15.4	12.5	7.4	4.2

NOTES: U - not detected, J - estimated value, --- - not detected, NC - no criteria, SB - site background, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Table 17
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Boring
Metals Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area Units	SB-040 80 - 90 in. 07/13/99 GD mg/Kg	SB-041 100 - 108 in. 07/13/99 GD mg/Kg	SB-042 96 - 117 in. 07/13/99 GD mg/Kg	SB-043 66 - 84 in. 07/13/99 GD mg/Kg	SB-044 48 - 72 in. 07/14/99 GD mg/Kg	SB-045 212 - 222 in. 07/14/99 GD Area 3C mg/Kg	SB-047 116 - 136 in. 07/14/99 GD Area 3C mg/Kg	SB-048 96 - 114 in. 07/14/99 GD mg/Kg	SB-049B 18 - 20 in. 07/15/99 GD mg/Kg
Aluminum		2030	2470	1640	1690	1530	14500	18600	2110	8100 J
Antimony		0.16 U	0.16 U	0.16 U	0.16 U	0.17 U	0.17 J	0.17 U	0.17 J	0.16 U
Arsenic		1.1	4.3	1.4	0.83	0.86	0.33 J	0.97	0.75	0.87
Barium		12.5	13.8	6.8 J	9.1 J	5.6 J	7.7 J	18.6	9.7 J	6 J
Beryllium		0.18 J	0.25 J	0.18 J	0.15 J	0.12 J	0.094 J	0.27 J	0.15 J	0.068 J
Cadmium		0.043 U	0.043 U	0.043 U	0.043 U	0.044 U	0.043 U	0.2 J	0.043 U	0.043 U
Calcium		164	209	87.6 J	164	137	57.9 J	605	189	128 J
Chromium		3.5	6.4	7.7	3.4	4.3	4.4	13.1	3.3	4.9
Cobalt		1.1 J	1.3 J	1.2 J	1 J	0.96 J	0.36 J	2.6 J	3.3 J	0.2 J
Copper		2.7	5.3	3.3	2.3	5.3	2.1	149	24.6	2.5
Iron		4780 J	9860 J	10600 J	3460 J	3640 J	4060 J	9290 J	4690 J	4350 J
Lead		1.5 J	2.9 J	1.5 J	1.4 J	1.4 J	2.1 J	5.1 J	4.2 J	1.8
Magnesium		402	530	237	339	280	245	1450	302	180
Manganese		82.6 J	115 J	75.5 J	73.1 J	60.7 J	16.1 J	134 J	94.6 J	12.7
Mercury		0.018 U	0.018 U	0.018 U	0.018 U	0.019 U	0.018 U	0.11	0.018 U	0.018 U
Nickel		2.7 J	2.7 J	1.8 J	2.1 J	2.2 J	0.97 J	97.1	11.7	0.97 J
Potassium		222 J	460 J	153 J	191 J	118 J	149 J	572	134 J	121 J
Selenium		0.37 U	0.48 J	0.69	0.37 U	0.37 U	0.37 U	0.38 U	0.36 U	0.37 U
Silver		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.3 J	0.1 U	0.1 U
Sodium		48.9 J	40.4 J	19.2 J	19.7 J	20.2 J	590	238	46.2 J	427
Thallium		0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.55 J	0.39 U	0.39 U
Cyanide		0.51 U	0.51 U	0.51 U	0.51 U	0.52 U	0.51 U	0.53 U	0.51 U	0.51 U
Vanadium		4.8 J	6.1	6.5	4 J	3.3 J	2.7 J	8.9	3.6 J	2.6 J
Zinc		7.1	10.7	8.9	5.3	3.8	13	39.3	5.5	31.1

NOTES: U - not detected, J - estimated value, --- - not detected, NC - no criteria, SB - site background, R - unusable.
* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Table 17
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Boring
Metals Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-054 96 - 120 in. 07/15/99 GD	SB-055 72 - 96 in. 07/15/99 GD	SB-056 72 - 96 in. 07/15/99 GD	SB-057 72 - 96 in. 07/15/99 GD	SB-059 120 - 144 in. 07/16/99 GD	SB-063 14 - 16 in. 07/19/99 MD	SB-064 96 - 108 in. 07/19/99 MD	SB-065 125 - 135 in. 07/19/99 MD	SB-066 144 - 156 in. 07/19/99 MD
	Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Aluminum	6800 J	3170 J	5890 J	1960 J	0.16 U	1250 J	249 J	4670 J	2980 J	15700 J
Antimony	0.22 J	0.17 U	0.17 U	0.16 U		0.16 U	0.16 U	0.21 J	0.18 U	0.19 U
Arsenic	12.2	1.2	1.8	1		3.2	0.6	4.6	2.7	2.9
Barium	41.5 J	8 J	22.4 J	12.7 J		7.2 J	2.3 J	28.1 J	9.6 J	41.8 J
Beryllium	0.38 J	0.18 J	0.46 J	0.2 J		0.14 J	0.024 J	0.21 J	0.26 J	0.62 J
Cadmium	0.55 J	0.044 U	0.045 U	0.043 U		0.043 U	0.043 U	1.3	0.046 U	0.05 U
Calcium	26400 J	186 J	315 J	140 J		69.5 J	126 J	48500 J	384 J	2490 J
Chromium	37.9	3.7	8.6	3.7		4	2.2	67.8	9.7	19.7
Cobalt	4.9 J	1.1 J	2.8 J	2.3 J		1.3 J	0.16 U	1.3 J	1.7 J	4.6 J
Copper	41.9	3.6	10.2	3.3		2.6	1.5	75.7	5.8	9
Iron	14000 J	4870 J	10100 J	6230 J		5780 J	1520 J	13800 J	11600 J	12000 J
Lead	38.5	2.1	3.1	1.8		1.4	0.88	20.7	3.6	8.1
Magnesium	4390	325	1160	464		230	28.4 J	23800	827	2890
Manganese	109	97.2	143	141		107	7.6	133	88.2	103
Mercury	0.066 J	0.019 U	0.019 U	0.018 U		0.018 U	0.018 U	0.079 J	0.02 U	0.022 U
Nickel	62.7	12.5	6.7	3.1 J		2 J	2.2 J	87.3	6.9	12
Potassium	301 J	168 J	589	226 J		157 J	40.5 J	233 J	449 J	1070
Selenium	0.39 U	0.38 U	0.39 U	0.37 U		0.37 U	0.37 U	0.49 J	0.53 J	0.43 U
Silver	0.34 J	0.1 U	0.11 U	0.1 U		0.1 U	0.1 U	0.22 J	0.11 U	0.12 U
Sodium	145	38 J	65.5 J	18.8 J		13.7 J	22.9 J	125	36.7 J	97.4 J
Thallium	0.42 U	0.4 U	0.41 U	0.39 U		0.39 U	0.39 U	0.42 U	0.42 U	0.46 U
Cyanide	0.55 U	0.52 U	0.54 U	0.51 U		0.51 U	0.51 U	0.55 U	0.71	0.6 U
Vanadium	24	4.1 J	12	4.8 J		2.4 J	1.2 J	23.7	12	24.9
Zinc	93.2	7.6	20.1	5.8		4.9	10.5	113	12.3	28.6

NOTES: U - not detected, J - estimated value, --- - not detected, NC - no criteria, SB - site background, R - unusable.
* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Soil Boring
Metals Data

Compound	Sample ID Depth Interval Sample Date Property *	Excavation Area	SB-068 84 - 94 in. 07/19/99 MD	SB-069 168 - 180 in. 07/19/99 MD	SB-071 144 - 160 in. 07/20/99 MD	SB-072 48 - 60 in. 07/20/99 MD	SB-073 168 - 192 in. 07/20/99 MD	SB-075 168 - 180 in. 07/20/99 MD	SB-076 168 - 192 in. 07/20/99 MD	SB-077 156 - 180 in. 07/20/99 MD	SB-078 175 - 189 in. 07/21/99 MD
	Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Aluminum	2360 J		0.17 U	0.18 J	0.18 U	0.19 J	0.19 U	0.16 U	0.16 U	0.17 U	0.2 J
Antimony	2.2		10.7 J	3.9 J	3.7	10.4	0.54 J	3.5	1	0.55	0.43 J
Arsenic	0.22 J		0.043 U	0.073 J	0.25 J	0.37 J	0.16 J	0.092 J	0.14 J	0.064 J	5 J
Barium	206 J		6.2	11.6	13.6	21.1	3.2	7.4	5.1	4.1	7.1
Beryllium	1.7 J		3.5	1.9	86.7	26.2	2.3	4.7	3	10.7	7.4
Cadmium	6280 J		1.8	1.7	16.9	33	1.4	3.7	1.2	5.9	12.6
Calcium	546		117	322	1690	17300	370	348	363	180	273
Chromium	0.019 U		3.2 J	36.3	70.8	147	41	75	96.5	16.3	29.6
Cobalt	3.2 J		0.021 U	0.018 U	0.021 U	0.13	0.021 U	0.018 U	0.018 U	0.019 U	0.019 U
Copper	1.3 J		1820	1.3 J	1820	43.7	2.9 J	10.8	3.5 J	66.1	384
Iron	208 J		145 J	187 J	145 J	413 J	185 J	214 J	161 J	133 J	183 J
Lead	0.37 U		0.41 U	0.37 U	0.41 U	0.9	0.42 U	0.37 U	0.37 U	0.38 U	0.38 U
Magnesium	0.1 U		0.96 J	0.1 U	0.96 J	0.34 J	0.12 U	0.1 U	0.1 U	0.11 J	0.12 J
Manganese	38.2 J		43.9 J	43.9 J	65.1 J	148	27.4 J	31.2 J	34.5 J	15.2 J	105 J
Mercury	0.39 U		0.39 U	0.39 U	1.1 J	0.42 U	0.45 U	0.39 U	0.39 U	0.4 U	0.4 U
Nickel	0.52 U		0.51 U	0.51 U	0.66 U	0.56 U	0.69 U	0.52 U	0.53 U	0.55 U	0.53 U
Potassium	6.7		10.3	10.3	5.3 J	21.9	4.2 J	4.6 J	4.3 J	3 J	3.2 J
Selenium	7.1		4.7	4.7	114	68.9	5.9	13.7	6.9	4.7	9.7
Silver											
Sodium											
Thallium											
Cyanide											
Vanadium											
Zinc											

NOTES: U - not detected, J - estimated value, --- - not detected, NC - no criteria, SB - site background, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Table 17
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Soil Boring
Metals Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-079 144 - 156 in. 07/21/99 MD	mg/Kg	SB-080 180 - 192 in. 07/21/99 MD	mg/Kg	SB-081 174 - 186 in. 07/21/99 MD	mg/Kg	SB-082 180 - 192 in. 07/21/99 MD	mg/Kg	SB-083 72 - 96 in. 07/21/99 MD	mg/Kg	SB-084 72 - 96 in. 07/21/99 MD	mg/Kg	SB-085 72 - 91 in. 07/21/99 MD	mg/Kg	SB-085B 156 - 168 in. 07/22/99 MD	mg/Kg	SB-086 168 - 180 in. 07/22/99 MD	mg/Kg
Aluminum		6140		1720		3940		2200		2030		1720		2020		1170		2720	
Antimony		0.18 U		0.16 U		0.17 U		0.16 U		0.18 J		0.16 U		0.16 U		0.16 U		0.17 U	
Arsenic		0.57		1.4		0.66		0.85		0.69		0.94		1		0.45 J		0.74	
Barium		7.3 J		8.9 J		5.4 J		7.9 J		9.7 J		6.7 J		7.2 J		6.4 J		16.9 J	
Beryllium		0.1 J		0.15 J		0.15 J		0.12 J		0.17 J		0.14 J		0.18 J		0.1 J		0.095 J	
Cadmium		0.12 J		0.043 U		0.044 U		0.043 U		0.043 U		0.043 U		0.043 U		0.043 U		0.044 U	
Calcium		1020 J		85.8 J		122 J		208 J		131 J		160 J		183 J		148 J		248 J	
Chromium		15.7		5		10.8		3.7		3.2		3.6		10.4		5.6		5	
Cobalt		1.7 J		0.7 J		2.1 J		1.1 J		1.3 J		1.3 J		1.9 J		0.59 J		0.52 J	
Copper		19.1		2.9		14		5.2		3.1		2.4		3.3		1.8		3.3	
Iron		5190		4540		5020		4280		3810		3650		4840		2900		4330	
Lead		18		1.3		7.9		1.4		1.5		1.4		1.7		1.1		1.1	
Magnesium		396		289		370		336		451		336		345		265		211	
Manganese		28.4		48.9		38.9		37.2		93.8		65.2		79.7		54		33	
Mercury		0.3		0.018 U		0.019 U		0.018 U		0.018 U		0.019 U		0.018 U		0.018 U		0.019 U	
Nickel		1530		5.8		1850		41.7		3.2 J		2.5 J		3.1 J		1.5 J		41.7	
Potassium		130 J		182 J		134 J		181 J		182 J		147 J		165 J		143 J		130 J	
Selenium		0.4 U		0.37 U		0.38 U		0.37 U		0.37 U		0.47 J		0.37 U		0.37 U		0.38 U	
Silver		4.3		0.1 U		0.5 J		0.1 U		0.1 U		0.1 U		0.1 U		0.1 U		0.1 U	
Sodium		91.9 J		48 J		32.1 J		23.4 J		22 J		21.4 J		19.6 J		22.4 J		18.2 J	
Thallium		0.53 J		0.39 U		0.46 J		0.39 U		0.39 U		0.39 U		0.39 U		0.39 U		0.4 U	
Cyanide		0.55 U		0.51 U		0.53 U		0.51 U		0.51 U		0.51 U		0.51 U		0.51 U		0.52 U	
Vanadium		3 J		3.7 J		4.2 J		3.4 J		3.8 J		3.9 J		4.6 J		2.5 J		3.4 J	
Zinc		20.9		5.2		10.9		5.7		5.3		3.5		4.8		4.5		6.7	

NOTES: U - not detected, J - estimated value, --- - not detected, NC - no criteria, SB - site background, R - unusable.
* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Table 17
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY

Soil Boring
Metals Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-087 156 - 180 in. 07/22/99 MD	mg/Kg	SB-088 168 - 192 in. 07/22/99 MD	mg/Kg	SB-089 168 - 192 in. 07/22/99 MD	mg/Kg	SB-090 144 - 168 in. 07/22/99 MD	mg/Kg	SB-091 174 - 192 in. 07/22/99 MD	mg/Kg	SB-092 168 - 192 in. 07/23/99 MD	mg/Kg	SB-093 168 - 192 in. 07/23/99 MD	mg/Kg	SB-094 72 - 96 in. 07/23/99 MD	mg/Kg	SB-095 72 - 90 in. 07/23/99 MD	mg/Kg
Aluminum		1920		1960		1680		6470		1630		2540		1470		1540		1100	
Antimony		0.17 J		0.16 U		0.16 U		0.53 J		0.17 U		0.17 U		0.17 U		0.16 U		0.16 U	
Arsenic		7.6		1.2		0.4 J		3.1		0.47 J		0.55		1.2		1		0.5 J	
Barium		11.8 J		6.8 J		6.5 J		30 J		9.1 J		6.7 J		5.5 J		7.4 J		4.2 J	
Beryllium		0.15 J		0.15 J		0.11 J		0.26 J		0.13 J		0.12 J		0.11 J		0.12 J		0.084 J	
Cadmium		0.043 U		0.043 U		0.043 U		0.047 U		0.044 U		0.044 U		0.044 U		0.043 U		0.042 U	
Calcium		94.2 J		124 J		98.9 J		14200 J		54.8 J		215		92 J		168		89.9 J	
Chromium		4.4		4.9		2.5		7.7		3		5.8		5.3		3.4		2	
Cobalt		0.92 J		1.1 J		0.62 J		1.3 J		0.58 J		0.65 J		0.48 J		0.87 J		0.74 J	
Copper		4.4		3.7		3.2		5.9		2.9		10.5 J		4.3 J		3.6 J		2.5 J	
Iron		5540		4690		4070		8550		3060		4600		6290		3440		2430	
Lead		2.6		1.5		1.2		10		1.4		8.9		1.3		1.3		0.89	
Magnesium		320		463		265		2200		278		363		439		304		206	
Manganese		55.2		42		55.5		102		28.2		58.8		41.2		65.2		49.6	
Mercury		0.018 U		0.019 U		0.019 U		0.09 J		0.019 U		0.019 U		0.019 J		0.019 U		0.018 U	
Nickel		4 J		2.1 J		26.3		4.1 J		1.7 J		136		47.7		2.2 J		1.9 J	
Potassium		183 J		170 J		169 J		313 J		161 J		224 J		116 J		130 J		80.6 J	
Selenium		0.42 J		0.37 U		0.37 U		0.41 U		0.37 U		0.38 U		0.38 U		0.37 U		0.36 U	
Silver		0.1 U		0.1 U		2.8		0.11 U		0.1 U		0.1 U		0.1 U		0.1 U		0.1 U	
Sodium		28.3 J		17.2 J		17.2 J		62.1 J		15.4 J		57.4 J		27.3 J		42 J		22.8 J	
Thallium		0.39 U		0.39 U		0.39 U		0.43 U		0.39 U		0.4 U		0.4 U		0.39 U		0.38 U	
Cyanide		0.51 U		0.51 U		0.55 U		0.56 U		0.52 U		0.52 U		5.9		0.51 U		0.51 U	
Vanadium		5.5		5 J		3.1 J		12.6		3.6 J		4.1 J		7.9		3.6 J		2.6 J	
Zinc		16.4		5.4		5.3		16.9		4.5		9.9		7		5.2		4.7	

NOTES: U - not detected, J - estimated value, --- - not detected, NC - no criteria, SB - site background, R - unusable.
 * Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	SB-096 72 - 84 in. 07/23/99 MD mg/Kg	SB-097 168 - 192 in. 07/23/99 GD mg/Kg	SB-105 54 - 60 in. 08/11/99 GD mg/Kg	SB-105 70 - 76 in. 08/11/99 GD mg/Kg
Aluminum	Units	1680	580	15100	1700
Antimony		0.16 U	0.17 U	11.2 U	0.17 U
Arsenic		0.49 J	0.33 J	31.9	0.98
Barium		10.4	4.9 J	26.3 J	6.3 J
Beryllium		0.13 J	0.05 J	8.3	0.16 J
Cadmium		0.043 U	0.043 U	7.8	0.044 U
Calcium		129	114	4130	78 J
Chromium		2.9	2.4	12600	5.4
Cobalt		0.56 J	1.5 J	39.9	1.3 J
Copper		2.6 J	3.1 J	3400 J	11.7 J
Iron		2880	3660	6270	3600
Lead		1.2	0.67	232	2.6
Magnesium		305	151	3920	352
Manganese		36.3	28.6	82.4	67.4
Mercury		0.019 U	0.019 U	0.97	0.019 U
Nickel		2 J	8.3	678	3.3 J
Potassium		169 J	106 J	893	179 J
Selenium		0.37 U	0.37 U	10.5	0.38 U
Silver		0.1 U	0.1 U	105	0.34 J
Sodium		35.5 J	33.7 J	47400 J	139 J
Thallium		0.39 U	0.39 U	37.7 J	0.4 U
Cyanide		0.69	0.52 U	0.7 U	0.53 U
Vanadium		3.2 J	2.3 J	0.42 U	3.9 J
Zinc		6	4.8	148	5.8

NOTES: U - not detected, J - estimated value, --- - not detected, NC - no criteria, SB - site background, R - unusable.
* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

**Water gross alpha and gross
beta data**

Table 18
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Ground Water

Gross Alpha and Gross Beta Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area Units	HG-W-24	HG-W-24D	HG-W-25	HG-W-25 (FF)	MW-1	MW-2	MW-3	MW-4	MW-5
		08/11/99 DPW pCi/L	08/11/99 DPW pCi/L	08/11/99 DPW pCi/L	08/11/99 DPW pCi/L	08/11/99 AT pCi/L	08/12/99 AT pCi/L	08/12/99 AT pCi/L	08/12/99 AT pCi/L	08/12/99 AT pCi/L
Gross Alpha		0.895 UJB 1.572 UJB	0.389 UJB 4.111 J	0.884 UJB 1.033 UJB	0.961 UJB ~.018 UJB	4.519 J 1.47 UJB	132.866 J 45.152 J	0.422 UJB 1.147 UJB	0.129 UJB 1.838 UJB	0.288 UJB 3.788 J
Gross Beta										

NOTES: U - not detected, J - estimated value, B - data evaluated for blank contamination, I - data evaluated for peak interference, --- - not detected/analyzed, (FF) - Field Filtered.
* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Table 18
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Ground Water

Gross Alpha and Gross Beta Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area Units	TW-1 08/09/99 GD pCi/L	TW-1 (FF) 08/09/99 GD pCi/L	TW-2 08/09/99 GD pCi/L	TW-2 (FF) 08/09/99 GD pCi/L	TW-3 08/10/99 AT pCi/L	TW-3 (FF) 08/10/99 AT pCi/L	TW-4 08/10/99 AT pCi/L	TW-4 (FF) 08/10/99 AT pCi/L	TW-5 08/10/99 GD pCi/L
Gross Alpha	2.76 J	0.822 UJB	3320.344 J	193.98 J	47.793 J	2.04 J	424.583 J	5.293 J	1891.98 J	
Gross Beta	2.891 J	3.176 J	1437	102.463 J	23.683 J	2.302 J	223.152	2.732 J	633.53	

NOTES: U - not detected, J - estimated value, B - data evaluated for blank contamination, I - data evaluated for peak interference, --- - not detected/analyzed, (FF) - Field Filtered.
 * Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area Units	TW-5 (FF) 08/10/99 GD pCi/L
Gross Alpha		81,992 J
Gross Beta		37,451 J

NOTES: U - not detected, J - estimated value, B - data evaluated for blank contamination, I - data evaluated for peak interference, --- - not detected/analyzed, (FF) - Field Filtered.
* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Water gamma spectroscopy data

Table 19
GTE Operations Support Incorporated
Formersylvania Electric Products Facility - Hicksville, NY
Ground Water
Gamma Spectroscopy Data

Compound	Sample ID Depth Interval Sample Date Property *	TW-2 (FF) 08/09/99 GD pCi/L	TW-5 (FF) 08/10/99 GD pCi/L
Cesium-137		-9514 U	-7.253 U
Lead-212		4.961 J	---
Potassium-40		9.154 UJB	53.58 UJB
Radium-224		54.49 JI	---
Radium-226		188.7	302.9 U
Thallium-208		5.44 J	---
Thorium-234		112.6 UJI	---
Uranium-235		---	18.44 U

NOTES: U - not detected, J - estimated value, B - data evaluated for blank contamination, I - data evaluated for peak interference, --- - not detected/analyzed, (FF) - Field Filtered.
 * Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Water alpha spectroscopy data

Table 20
GTE Operations Support Incorporated
Former Sylva Electric Products Facility - Hicksville, NY
Ground Water

Alpha Spectroscopy Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area Units	HG-W-24 08/11/99 DPW pCi/L	HG-W-24D 08/11/99 DPW pCi/L	HG-W-25 08/11/99 DPW pCi/L	HG-W-25 (FF) 08/11/99 DPW pCi/L	MW-1 08/11/99 AT pCi/L	MW-2 08/12/99 AT pCi/L	TW-1 08/09/99 GD pCi/L	TW-1 (FF) 08/09/99 GD pCi/L	TW-2 08/09/99 GD pCi/L
Alpha Radium(total)		---	---	---	---	---	0.618	---	---	---
Thorium-228		0.428 UJB	0.447 UJB	0.142 UJB	0.0478 UJB	0.301 UJB	---	0.492 UB	-0.081 UJB	1.33
Thorium-230		0.109 UJB	3.13	0.465 UJB	3.72	-0.749 UJB	---	-0.341 UJB	1.08 UB	170
Thorium-232		5.32	2.6	2.89	0.625 UJB	2.65	---	2.61	0.263 UJB	118
Uranium-233/234		0.109 UJB	-2.55 UJB	-2.04 UJB	0.0947 UJB	2.59 UB	---	-0.562 UJB	-0.513 UJB	3320 J
Uranium-235/236		-3.27 UJB	-0.444 UJB	-2.12 UJB	-4.72 UJB	-2.29 UJB	---	0.239 UJB	0.0923 UJB	422 J
Uranium-238		0.726 UJB	-1.41 UJB	-3.86 UJB	-1.41 UJB	2.88 UB	---	-0.0938 UJB	-0.0763 UJB	3720 J

NOTES: U - not detected, J - estimated value, B - data evaluated for blank contamination, I - data evaluated for peak interference, --- - not detected/analyzed, (FF) - Field Filtered.
* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Table 20
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Ground Water
Alpha Spectroscopy Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area Units	TW-2 (FF) 08/09/99 GD pCi/L	TW-5 (FF) 08/10/99 GD pCi/L
Alpha Radium(total)		0.343 J	0.109 J
Thorium-228		11.2	---
Thorium-230		28.8	---
Thorium-232		40.8	---
Uranium-233/234		215	---
Uranium-235/236		11.5	---
Uranium-238		220	---

NOTES: U - not detected, J - estimated value, B - data evaluated for blank contamination, I - data evaluated for peak interference, --- - not detected/analyzed, (FF) - Field Filtered.
* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

**Water volatile organic
compound data**

Volatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	Drum Composite 08/12/99 ug/L	HG-W-24 08/11/99 DPW ug/L	HG-W-24D 08/11/99 DPW ug/L	HG-W-25 08/11/99 DPW ug/L	MW-1 08/11/99 AT ug/L	MW-2 08/12/99 AT ug/L	MW-3 08/12/99 AT ug/L	MW-4 08/12/99 AT ug/L	MW-5 08/12/99 AT ug/L
1,1,1-Trichloroethane	5 U	0.5 U	0.5 U	0.3 J	0.5 U	1 U	12 U	1 U	5 U	50 U
1,1,2,2-Tetrachloroethane	5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	12 U	1 U	5 U	50 U
1,1,2-Trichloroethane	5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	12 U	1 U	5 U	50 U
1,1-Dichloroethane	5 U	0.5 U	0.5 U	0.1 J	0.5 U	1 U	12 U	1 U	5 U	50 U
1,1-Dichloroethene	5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	12 U	1 U	5 U	50 U
1,2-Dichloroethane	5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	12 U	1 U	5 U	50 U
1,2-Dichloropropane	5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	12 U	1 U	5 U	50 U
2-Butanone (MEK)	R	10 U	10 U	10 U	10 U	25 U	250 U	R	R	1000 U
2-Hexanone	50 U	5 U	5 U	5 U	5 U	12 U	120 U	10 U	50 U	500 U
4-Methyl-2-pentanone (MIBK)	50 U	5 U	5 U	5 U	5 U	12 U	120 U	10 U	50 U	500 U
Acetone	30 J	R	R	R	R	R	R	R	R	R
Benzene	5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	12 U	1 U	5 U	50 U
Bromodichloromethane	5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	12 U	1 U	5 U	50 U
Bromoform	5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	12 U	1 U	5 U	50 U
Bromomethane	10 U	1 U	1 U	1 U	1 U	2 U	25 U	2 U	10 U	100 U
Carbon disulfide	5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	12 U	1 U	5 U	50 U
Carbon tetrachloride	5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	12 U	1 U	5 U	50 U
Chlorobenzene	5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	12 U	1 U	5 U	50 U
Chloroethane	10 U	1 U	1 U	1 U	1 U	2 U	25 U	2 U	10 U	100 U
Chloroform	5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	12 U	1 U	5 U	50 U
Chloromethane	10 U	1 U	1 U	1 U	1 U	2 U	25 U	2 U	10 U	100 U
Dibromochloromethane	5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	12 U	1 U	5 U	50 U
Ethylbenzene	5 U	0.5	0.5	0.5 U	0.5 U	1 U	12 U	1 U	5 U	50 U
Methylene chloride	20 U	2 U	2 U	2 U	2 U	5 U	50 U	4 U	20 U	200 U
Styrene	5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	12 U	1 U	5 U	50 U

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, (FF) - Field Filtered, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Volatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property *	Drum Composite 08/12/99 ug/L	HG-W-24 08/11/99 DPW ug/L	HG-W-24D 08/11/99 DPW ug/L	HG-W-25 08/11/99 DPW ug/L	MW-1 08/11/99 AT ug/L	MW-2 08/12/99 AT ug/L	MW-3 08/12/99 AT ug/L	MW-4 08/12/99 AT ug/L	MW-5 08/12/99 AT ug/L
Tetrachloroethene		170	0.4 J	0.2 J	0.2 J	63	410	45	160	1200
Toluene		5 U	0.2 J	0.2 J	0.5 U	1 U	12 U	0.8 J	5 U	50 U
Trichloroethene		6	0.2 J	0.5 U	0.5 U	12	30	2	20	10 J
Vinyl chloride		10 U	1 U	1 U	1 U	2 U	25 U	2 U	10 U	100 U
Xylene (total)		5 U	0.7	0.5 U	0.5 U	1 U	12 U	1 U	5 U	50 U
cis-1,2-Dichloroethene		5 U	0.5 J	0.5 U	0.5 U	1 U	12 U	0.4 J	1 J	50 U
cis-1,3-Dichloropropylene		5 U	0.5 U	0.5 U	0.5 U	1 U	12 U	1 U	5 U	50 U
trans-1,2-Dichloroethene		5 U	0.5 U	0.5 U	0.5 U	1 U	12 U	1 U	5 U	50 U
trans-1,3-Dichloropropene		5 U	0.5 U	0.5 U	0.5 U	1 U	12 U	1 U	5 U	50 U
Total VOCs		206	2.5	0.8	0.2	75	440	48.2	181	1210

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, (FF) - Field Filtered, R - unusable.
 * Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Volatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area Units	TW-1 08/09/99 GD ug/L	TW-2 08/09/99 GD ug/L	TW-3 08/10/99 AT ug/L	TW-4 08/10/99 AT ug/L	TW-5 08/10/99 GD ug/L
1,1,1-Trichloroethane	0.1 J		0.5 U	5 U	5 U	2 U
1,1,2,2-Tetrachloroethane	0.5 U		0.5 U	5 U	5 U	2 U
1,1,2-Trichloroethane	0.5 U		0.5 U	5 U	5 U	2 U
1,1-Dichloroethane	0.4 J		0.5 U	5 U	5 U	2 U
1,1-Dichloroethene	0.5 U		0.5 U	5 U	5 U	2 U
1,2-Dichloroethane	0.5 U		0.5 U	5 U	5 U	2 U
1,2-Dichloropropane	0.5 U		0.5 U	5 U	5 U	2 U
2-Butanone (MEK)	10 U		10 U	100 U	100 U	50 U
2-Hexanone	5 U		5 U	50 U	50 U	25 U
4-Methyl-2-pentanone (MIBK)	5 U		5 U	50 U	50 U	25 U
Acetone	R		R	R	R	R
Benzene	0.5 U		0.5 U	5 U	5 U	2 U
Bromodichloromethane	0.5 U		0.5 U	5 U	5 U	2 U
Bromoform	0.5 U		0.5 U	5 U	5 U	2 U
Bromomethane	1 U		1 U	10 U	10 U	5 U
Carbon disulfide	0.5 U		0.5 U	5 U	5 U	2 U
Carbon tetrachloride	0.5 U		0.5 U	5 U	5 U	2 U
Chlorobenzene	0.5 U		0.5 U	5 U	5 U	2 U
Chloroethane	1 U		1 U	10 U	10 U	5 U
Chloroform	0.5 U		0.5 U	5 U	5 U	2 U
Chloromethane	1 U		1 U	10 U	10 U	5 U
Dibromochloromethane	0.5 U		0.5 U	5 U	5 U	2 U
Ethylbenzene	0.5 U		0.5 U	5 U	5 U	2 U
Methylene chloride	2 U		2 U	20 U	20 U	10 U
Styrene	0.5 U		0.5 U	5 U	5 U	2 U

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, (FF) - Field Filtered, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Volatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area Units	TW-1 08/09/99 GD ug/L	TW-2 08/09/99 GD ug/L	TW-3 08/10/99 AT ug/L	TW-4 08/10/99 AT ug/L	TW-5 08/10/99 GD ug/L
Tetrachloroethene	93		2000	760	100	90
Toluene	0.5 U		0.5 U	5 U	5 U	2 U
Trichloroethene	0.7		3	3 J	6	0.6 J
Vinyl chloride	1 U		1 U	10 U	10 U	5 U
Xylene (total)	0.5 U		0.5 U	5 U	5 U	2 U
cis-1,2-Dichloroethene	0.5 U		0.5 U	5 U	5 U	2 U
cis-1,3-Dichloropropylene	0.5 U		0.5 U	5 U	5 U	2 U
trans-1,2-Dichloroethene	0.5 U		0.5 U	5 U	5 U	2 U
trans-1,3-Dichloropropene	0.5 U		0.5 U	5 U	5 U	2 U
Total VOCs	94.2		2003	763	106	90.6

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, (FF) - Field Filtered, R - unusable.
* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

**Water semivolatile organic
compound data**

Table 22
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Ground Water

Semivolatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area Units	HG-W-24 08/11/99 DPW ug/L	HG-W-24D 08/11/99 DPW ug/L	HG-W-25 08/11/99 DPW ug/L	MW-1 08/11/99 AT ug/L	MW-2 08/12/99 AT ug/L	MW-3 08/12/99 AT ug/L	MW-4 08/12/99 AT ug/L	MW-5 08/12/99 AT ug/L	TW-1 08/09/99 GD ug/L
1,2,4-Trichlorobenzene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bis(2-chloroisopropyl) ether	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	50 U	50 U	50 U	51 U	50 U	50 U	51 U	52 U	51 U	50 U
2,4,6-Trichlorophenol	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	50 U	50 U	50 U	51 U	50 U	50 U	51 U	52 U	51 U	50 U
2,4-Dinitrotoluene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	50 U	50 U	50 U	51 U	50 U	50 U	51 U	52 U	51 U	50 U
2-Nitrophenol	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3,3-Dichlorobenzidine	20 U	20 U	20 U	20 U	20 U	20 U	20 U	21 U	20 U	20 U
3-Nitroaniline	50 U	50 U	50 U	51 U	50 U	50 U	51 U	52 U	51 U	50 U
4,6-Dinitro-2-methylphenol	50 U	50 U	50 U	51 U	50 U	50 U	51 U	52 U	51 U	50 U
4-Bromophenyl phenyl ether	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl phenyl ether	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, (FF) - Field Filtered, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Backgroud, DPW - Department of Public Works.

Semivolatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area Units	HG-W-24 08/11/99 DPW ug/L	HG-W-24D 08/11/99 DPW ug/L	HG-W-25 08/11/99 DPW ug/L	MW-1 08/11/99 AT ug/L	MW-2 08/12/99 AT ug/L	MW-3 08/12/99 AT ug/L	MW-4 08/12/99 AT ug/L	MW-5 08/12/99 AT ug/L	TW-1 08/09/99 GD ug/L
4-Methylphenol	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	50 U	50 UJ	51 UJ	51 UJ	50 UJ	50 UJ	51 UJ	52 UJ	51 UJ	50 U
4-Nitrophenol	50 U	50 UJ	50 UJ	51 UJ	50 UJ	50 UJ	51 UJ	52 UJ	51 UJ	50 U
Acenaphthene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(ghi)perylene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Butyl benzyl phthalate	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbazole	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-butyl phthalate	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-octyl phthalate	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenzo(a,h)anthracene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenzofuran	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Diethyl phthalate	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dimethyl phthalate	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	10 U	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 U

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, (FF) - Field Filtered, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Table 22
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Ground Water

Semivolatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	HG-W-24 08/11/99 DPW ug/L	HG-W-24D 08/11/99 DPW ug/L	HG-W-25 08/11/99 DPW ug/L	MW-1 08/11/99 AT ug/L	MW-2 08/12/99 AT ug/L	MW-3 08/12/99 AT ug/L	MW-4 08/12/99 AT ug/L	MW-5 08/12/99 AT ug/L	TW-1 08/09/99 GD ug/L
Hexachloroethane		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Isophorone		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodipropylamine		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodiphenylamine		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Nitrobenzene		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol		50 U	50 U	51 U	50 U	50 U	51 U	52 U	51 U	50 U
Phenanthrene		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Phenol		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bis(2-chloroethoxy)methane		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bis(2-chloroethyl)ether		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bis(2-ethylhexyl)phthalate (BEHP)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, (FF) - Field Filtered, R - unusable.
 * Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Table 22
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Ground Water

Semivolatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	TW-2 08/09/99 GD ug/L	TW-3 08/10/99 AT ug/L	TW-4 08/10/99 AT ug/L	TW-5 08/10/99 GD ug/L
1,2,4-Trichlorobenzene		10 U	10 U	10 U	10 U
1,2-Dichlorobenzene		10 U	10 U	10 U	10 U
1,3-Dichlorobenzene		10 U	10 U	10 U	10 U
1,4-Dichlorobenzene		10 U	10 U	10 U	10 U
Bis(2-chloroisopropyl) ether		10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol		52 U	50 U	50 U	50 U
2,4,6-Trichlorophenol		10 U	10 U	10 U	10 U
2,4-Dichlorophenol		10 U	10 U	10 U	10 U
2,4-Dimethylphenol		10 U	10 U	10 U	10 U
2,4-Dinitrophenol		52 U	50 U	50 U	50 U
2,4-Dinitrotoluene		10 U	10 U	10 U	10 U
2,6-Dinitrotoluene		10 U	10 U	10 U	10 U
2-Chloronaphthalene		10 U	10 U	10 U	10 U
2-Chlorophenol		10 U	10 U	10 U	10 U
2-Methylnaphthalene		10 U	10 U	10 U	10 U
2-Methylphenol		10 U	10 U	10 U	10 U
2-Nitroaniline		52 U	50 U	50 U	50 U
2-Nitrophenol		10 U	10 U	10 U	10 U
3,3-Dichlorobenzidine		21 U	20 U	20 U	20 U
3-Nitroaniline		52 U	50 U	50 U	50 U
4,6-Dinitro-2-methylphenol		52 U	50 U	50 U	50 U
4-Bromophenyl phenyl ether		10 U	10 U	10 U	10 U
4-Chloro-3-methylphenol		10 U	10 U	10 U	10 U
4-Chloroaniline		10 U	10 U	10 U	10 U
4-Chlorophenyl phenyl ether		10 U	10 U	10 U	10 U

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, (FF) - Field Filtered, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Semivolatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area Units	TW-2 08/09/99 GD ug/L	TW-3 08/10/99 AT ug/L	TW-4 08/10/99 AT ug/L	TW-5 08/10/99 GD ug/L
4-Methylphenol	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	52 U	50 UJ	50 UJ	50 UJ	50 UJ
4-Nitrophenol	52 U	50 UJ	50 UJ	50 UJ	50 UJ
Acenaphthene	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	10 U	10 U	10 U	10 U	10 U
Anthracene	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	10 U	10 U	10 U	10 U	10 U
Benzo(ghi)perylene	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	10 U	10 U	10 U	10 U	10 U
Butyl benzyl phthalate	10 U	10 U	10 U	10 U	10 U
Carbazole	10 U	10 U	10 U	10 U	10 U
Chrysene	10 U	10 U	10 U	10 U	10 U
Di-n-butyl phthalate	10 U	10 U	10 U	3 J	10 U
Di-n-octyl phthalate	10 U	10 U	10 U	10 U	10 U
Dibenzo(a,h)anthracene	10 U	10 U	10 U	10 U	10 U
Dibenzofuran	10 U	10 U	10 U	10 U	10 U
Diethyl phthalate	10 U	10 U	10 U	10 U	10 U
Dimethyl phthalate	10 U	10 U	10 U	10 U	10 U
Fluoranthene	10 U	10 U	10 U	10 U	10 U
Fluorene	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	10 U	10 U	10 UJ	10 UJ	10 UJ

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, (FF) - Field Filtered, R - unusable.
* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Semivolatile Organic Compound Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area	TW-2 08/09/99 GD ug/L	TW-3 08/10/99 AT ug/L	TW-4 08/10/99 AT ug/L	TW-5 08/10/99 GD ug/L
Hexachloroethane		10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene		10 U	10 U	10 U	10 U
Isophorone		10 U	10 U	10 U	10 U
N-Nitrosodipropylamine		10 U	10 U	10 U	10 U
N-Nitrosodiphenylamine		10 U	10 U	10 U	10 U
Naphthalene		10 U	10 U	10 U	10 U
Nitrobenzene		10 U	10 U	10 U	10 U
Pentachlorophenol		52 U	50 U	50 U	50 U
Phenanthrene		10 U	10 U	10 U	10 U
Phenol		10 U	10 U	10 U	10 U
Pyrene		10 U	10 U	10 U	10 U
Bis(2-chloroethoxy)methane		10 U	10 U	10 U	10 U
Bis(2-chloroethyl)ether		10 U	10 U	10 U	10 U
Bis(2-ethylhexyl)phthalate (BEHP)		10 U	10 U	10 U	10 U

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, (FF) - Field Filtered, R - unusable.

* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Water metals data

Table 23
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Ground Water
Metals Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area Units	HG-W-24 08/11/99 DPW mg/L	HG-W-24D 08/11/99 DPW mg/L	HG-W-25 08/11/99 DPW mg/L	HG-W-25 (FF) 08/11/99 AT mg/L	MW-1 08/12/99 AT mg/L	MW-2 08/12/99 AT mg/L	MW-3 08/12/99 AT mg/L	MW-4 08/12/99 AT mg/L	MW-5 08/12/99 AT mg/L
Aluminum	0.449	0.186	1.34	0.0326 J	0.894	0.265	2.24	1.54	0.166	0.0016 U
Antimony	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.002 J	0.0018 J	0.0016 U	0.0016 U	0.0016 U	0.0016 U
Arsenic	0.0028 UJ	0.002 UJ	0.002 UJ	0.0019 U	0.0022 UJ	0.0019 U	0.005 U	0.0031 UJ	0.0035 UJ	0.0035 UJ
Barium	0.0854 J	0.114	0.0673 J	0.0631 J	0.0107 J	0.0049 J	0.018 J	0.016 J	0.0041 J	0.0041 J
Beryllium	0.00013 U	0.00013 U	0.00013 U	0.00013 U	0.00013 U	0.00013 U	0.00013 U	0.00013 U	0.00013 U	0.00013 U
Cadmium	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00042 U
Calcium	17.8	19.4	10.5	10.9	14.9	40.2	8.66	11.1	17.8	17.8
Chromium	0.0056 J	0.0053 J	0.0136	0.0069 J	0.0132	0.0044 J	0.0188	0.0117	0.0111	0.0111
Cobalt	0.0397 J	0.0016 U	0.0018 J	0.0021 J	0.0016 U	0.0016 U	0.0016 U	0.0114 J	0.0058 J	0.0058 J
Copper	0.0061 J	0.0011 J	0.0087 J	0.0019 J	0.0023 J	0.001 J	0.0031 J	0.0188	0.0015 J	0.0015 J
Iron	8.99	0.295	2.64	0.121	0.659	0.278	0.839	0.578	0.259	0.259
Lead	0.0037 J	0.0011 U	0.0134	0.0011 U	0.002 J	0.0011 J	0.0016 J	0.002 J	0.0011 U	0.0011 U
Magnesium	4.03	5.7	3.13	3.03	1.33	4.02	1.57	2.69	1.48	1.48
Manganese	11.8	0.0111 J	0.0936	0.0772	0.0078 J	0.0052 J	0.0123 J	0.0102 J	0.0118 J	0.0118 J
Mercury	0.00011 U	0.0006	0.00011 U	0.00011 U	0.00011 U	0.00011 U	0.00011 U	0.00011 U	0.00011 U	0.00011 U
Nickel	0.0041 J	0.0049 J	0.0094 J	0.0134 J	0.516	0.0624	0.018 J	0.0306 J	0.0496 J	0.0496 J
Potassium	1.71 J	6.35	1.15 J	1.18 J	0.898 J	2.83 J	1.6 J	3.28 J	4.33 J	4.33 J
Selenium	0.0036 U	0.0036 U	0.0036 U	0.0036 U	0.0036 U	0.0036 U	0.0036 U	0.0036 U	0.0036 U	0.0036 U
Silver	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Sodium	156	48.7	118	117	4.41	11.6	12.6	15.4	27.7	27.7
Thallium	0.0038 U	0.0038 U	0.0038 U	0.0038 U	0.0038 U	0.0038 U	0.0038 U	0.0038 U	0.0038 U	0.0038 U
Cyanide	0.01 U	0.01 U	0.01 U	0.05	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Vanadium	0.0013 J	0.00082 J	0.0055 J	0.00074 J	0.0012 J	0.0006 U	0.0044 J	0.0038 J	0.00083 J	0.00083 J
Zinc	0.0257 U	0.0115 U	0.0518	0.0427 U	0.0204 U	0.0136 U	0.0113 U	0.17	0.0067 UJ	0.0067 UJ

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, (FF) - Field Filtered, R - unusable.
* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Table 23
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Ground Water
Metals Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area Units	TW-1 08/09/99 GD mg/L	TW-1 (FF) 08/09/99 GD mg/L	TW-2 08/09/99 GD mg/L	TW-2 (FF) 08/09/99 GD mg/L	TW-3 08/10/99 AT mg/L	TW-3 (FF) 08/10/99 AT mg/L	TW-4 08/10/99 AT mg/L	TW-4 (FF) 08/10/99 AT mg/L	TW-5 08/10/99 GD mg/L
Aluminum	24.8	0.0136 U	0.0136 U	120	0.0314 J	47.4	0.0136 U	183	0.0136 U	88.8
Antimony	0.0023 J	0.0016 J	0.0016 U	0.0016 U	0.0016 U	0.0034 J	0.0021 J	0.0016 U	0.0016 U	0.0016 U
Arsenic	0.0197	0.0019 U	0.0019 U	0.0365	0.0019 U	0.0445	0.0019 U	0.0862	0.0019 UJ	0.0404
Barium	0.138	0.0317 J	0.0317 J	0.974	0.0711 J	0.0772 J	0.001 UJ	0.281	0.0047 J	0.572
Beryllium	0.0017 J	0.00013 U	0.00013 U	0.007 J	0.00013 U	0.0027 J	0.00013 U	0.009 J	0.00013 U	0.0061 J
Cadmium	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00042 U	0.00042 U
Calcium	9.92	9.25	0.0014 U	15.1	12	16.1	12	24.2	17.9	14
Chromium	0.0211	0.0016 U	0.0016 U	0.123	0.0014 U	0.124	0.0014 U	0.16	0.0014 U	0.0614
Cobalt	0.0093 J	0.00069 J	0.00069 J	0.0194 J	0.0016 U	0.0222 J	0.0029 J	0.126	0.0016 U	0.0227 J
Copper	0.0261	0.00084 UJ	0.00084 UJ	0.42	0.00082 J	0.0604	0.00056 J	0.327	0.00049 U	0.0931
Iron	28	0.0011 U	0.0011 U	126	0.0279 UJ	71.3	0.0171 UJ	199	0.0065 U	111
Lead	0.0136	0.0011 U	0.0011 U	0.0786	0.0012 J	0.0331	0.0011 U	0.163	0.0011 U	0.0587
Magnesium	2.01	0.072	0.072	4.76	1.72	4.16	1.8	5.82	2.29	3.8
Manganese	0.318	0.00011 U	0.00011 U	0.608	0.0801	1.26	0.146	6.25	0.0494 J	0.892
Mercury	0.00011 U	0.00011 U	0.00011 U	0.00011 U	0.00011 U	0.00035	0.00026	0.00023	0.00019 J	0.00034
Nickel	0.0506	0.0256 J	0.0256 J	0.23	0.0076 J	0.0446 J	0.0039 J	1.56	0.0214 J	0.0819
Potassium	3.02 J	1.79 J	1.79 J	6.13	2.21 J	4.61 J	1.84 J	6.74	0.989 J	6.32
Selenium	0.0037 J	0.0036 U	0.0036 U	0.0068	0.0036 U	0.0045 J	0.0036 U	0.0112	0.0036 U	0.0057
Silver	0.001 U	0.001 U	0.001 U	0.0087 J	0.001 U	0.0013 J	0.001 U	0.0018 J	0.001 U	0.0027 J
Sodium	7.88	6.98	6.98	46.5	39.4	11	9.32	13	10.1	9.26
Thallium	0.0038 U	0.0038 U	0.0038 U	0.0083 J	0.0038 U	0.0038 U	0.0038 U	0.0038 U	0.0038 U	0.0038 U
Cyanide	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Vanadium	0.0404 J	0.0006 U	0.0006 U	0.13	0.0006 U	0.116	0.00067 J	0.241	0.0006 U	0.123
Zinc	0.0498	0.0149 U	0.0149 U	0.146	0.0104 U	0.0735	0.0094 UJ	0.246	0.0144 U	0.104

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, (FF) - Field Filtered, R - unusable.
 * Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.



Table 23
GTE Operations Support Incorporated
Former Sylvania Electric Products Facility - Hicksville, NY
Ground Water
Metals Data

Compound	Sample ID Depth Interval Sample Date Property * Excavation Area Units	TW-5 (FF) 08/10/99 GD mg/L
Aluminum		0.0136 U
Antimony		0.0016 U
Arsenic		0.0019 U
Barium		0.0243 J
Beryllium		0.00013 U
Cadmium		0.00042 U
Calcium		10.8
Chromium		0.0014 U
Cobalt		0.0016 U
Copper		0.00049 U
Iron		0.0065 U
Lead		0.0011 U
Magnesium		1.64
Manganese		0.0488 J
Mercury		0.00025
Nickel		0.0013 J
Potassium		2.69 J
Selenium		0.0036 U
Silver		0.001 U
Sodium		7.7
Thallium		0.0038 U
Cyanide		0.01 U
Vanadium		0.0006 U
Zinc		0.0121 U

NOTES: U - not detected, J - estimated value, --- - not detected/analyzed, NC - no criteria, (FF) - Field Filtered, R - unusable.
* Properties are: AT - Air Techniques, GD - Gilbert Displays, MD - Magazine Distributors, GC - Golf Course, BK - Background, DPW - Department of Public Works.

Radium calculation data

Table 24
Verification of Reported Laboratory Results for Radium 226, per U235 Peak Methodology (NYSDEC - JK)

Former Sylvania Electric Products Incorporated Facility
Hicksville, New York

Sample ID	Range Depth (inches)	Reported "Area" U235 (cps)	Elapsed Time (seconds)	Constant	Lab Efficiency (graph)	Intensity (fraction)	Sample Weight Quantity (g)	Peak/Activity (pCi/g)	Energy Peak (keV)	Lab Efficiency (graph)	Intensity (fraction)	Reported "Area" U235 (cps)	Calculated "Area" U235 (cps)	Peak Activity (pCi/g)	For Accounting (percent)	Reported Peak in 100 (percent)	Potential Peak in 100 (percent)
SB-045	12-18	144.03	7393	27.03	0.0565	0.11	88	2166	185.83	0.049	0.57	1340.027	1340.027	2.388	75%	25%	741
SB-024	66-84	143.77	7200	27.03	0.0565	0.11	83	660	185.39	0.049	0.57	805.926	805.926	1.310	50%	50%	649
SB-030	12-18	143.65	7393	27.03	0.0565	0.11	127	421	185.84	0.049	0.57	733.541	733.541	768	55%	45%	344
SB-105	54-60	143.82	7200	27.03	0.0565	0.11	101	824	185.77	0.049	0.57	770.952	770.952	1.031	80%	20%	208
SB-030	12-18	143.74	7393	27.03	0.0565	0.11	82	84	185.78	0.049	0.57	46.815	46.815	87	53%	48%	133
SB-009	46-48	144.38	7200	27.03	0.0565	0.11	119	58	185.67	0.049	0.57	51.712	51.712	79	74%	26%	20
SB-105	70-78	143.43	7393	27.03	0.0565	0.11	103	78	185.73	0.049	0.57	72.765	72.765	85	80%	20%	18
SB-004A	2-3	143.81	7200	27.03	0.0565	0.11	59	18	185.98	0.049	0.57	7.667	7.667	36	49%	51%	18
SB-030	46-60	144.31	7393	27.03	0.0565	0.11	155	22	185.71	0.049	0.57	25.211	25.211	30	73%	28%	23
SB-003	12-18	144.46	7200	27.03	0.0565	0.11	102	15	185.77	0.049	0.57	11.284	11.284	19	78%	22%	4.3
SB-077	126-132	144.35	7200	27.03	0.0565	0.11	144	58	185.82	0.049	0.57	83.127	83.127	83	84%	16%	3.8
SB-030	74-78	144.34	7393	27.03	0.0565	0.11	119	13	185.79	0.049	0.57	11.734	11.734	17	80%	20%	3.3
SB-025	3-4	144.2	7200	27.03	0.0565	0.11	42	4	186.64	0.049	0.57	2.104	2.104	7	65%	35%	2.4
SB-004A	0-18	144.28	7393	27.03	0.0565	0.11	81	12	185.81	0.049	0.57	7.029	7.029	14	84%	16%	2.3
SB-29	0-18	144.29	7200	27.03	0.0565	0.11	81	12	185.81	0.049	0.57	8.402	8.402	14	84%	16%	2.3
SB-030	0-30	144.34	7393	27.03	0.0565	0.11	137	48	185.83	0.049	0.57	12.053	12.053	12	85%	15%	2.9
SB-107	84-96	143.79	7200	27.03	0.0565	0.11	107	2	186.16	0.049	0.57	2.499	2.499	3	62%	38%	1.2
SB-030	72-74	143.83	7393	27.03	0.0565	0.11	77	26	185.85	0.049	0.57	18.511	18.511	30	86%	14%	1.2
SB-041	12-18	143.86	7200	27.03	0.0565	0.11	118	27	185.84	0.049	0.57	23.414	23.414	28	96%	4%	1.1
SB-105	32-38	143.82	7393	27.03	0.0565	0.11	166	40	185.74	0.049	0.57	8.378	8.378	11	80%	20%	1.1
SB-078	126-138	144.45	7200	27.03	0.0565	0.11	163	3	185.79	0.049	0.57	5.322	5.322	4	75%	25%	1.1
SB-078	72-78	144.53	7393	27.03	0.0565	0.11	162	4	185.77	0.049	0.57	4.222	4.222	6	80%	20%	1.1
SB-015	12-24	143.81	7200	27.03	0.0565	0.11	128	6	185.80	0.049	0.57	5.977	5.977	7	88%	12%	0.9
SB-030	6-15	143.83	7393	27.03	0.0565	0.11	107	1	186.08	0.049	0.57	1.584	1.584	2	59%	41%	0.8
SB-009E	12-24	143.92	7200	27.03	0.0565	0.11	91	15	185.82	0.049	0.57	10.350	10.350	16	96%	4%	0.6
SB-030	30-32	144.5	7393	27.03	0.0565	0.11	152	1	185.89	0.049	0.57	2.241	2.241	2	78%	22%	0.5
SB-010B	24-48	143.94	7200	27.03	0.0565	0.11	128	1	186.35	0.049	0.57	9.21	9.21	1	72%	28%	0.4
SB-010B	12-24	143.89	7393	27.03	0.0565	0.11	164	2	185.87	0.049	0.57	1.849	1.849	2	81%	19%	0.2
SB-040	0-24	144.28	7200	27.03	0.0565	0.11	127	3	185.51	0.049	0.57	3.221	3.221	3	98%	2%	0.1
SB-40	0-24	144.28	7393	27.03	0.0565	0.11	127	3	185.51	0.049	0.57	3.221	3.221	3	98%	2%	0.1
SB-041	78-90	144.33	7200	27.03	0.0565	0.11	162	3	185.80	0.049	0.57	3.197	3.197	3	100%	0%	0.0

FIGURE 1

Site location map

FIGURE 1

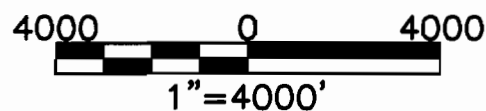


SOURCE: USGS 7.5 MINUTES HICKSVILLE QUADRANGLE MAP, 1967.



STATE LOCATION MAP

**GTE OPERATIONS SUPPORT INCORPORATED
FORMER SYLVANIA ELECTRIC PRODUCTS
INCORPORATED FACILITY
HICKSVILLE, NEW YORK
SITE LOCATION MAP**



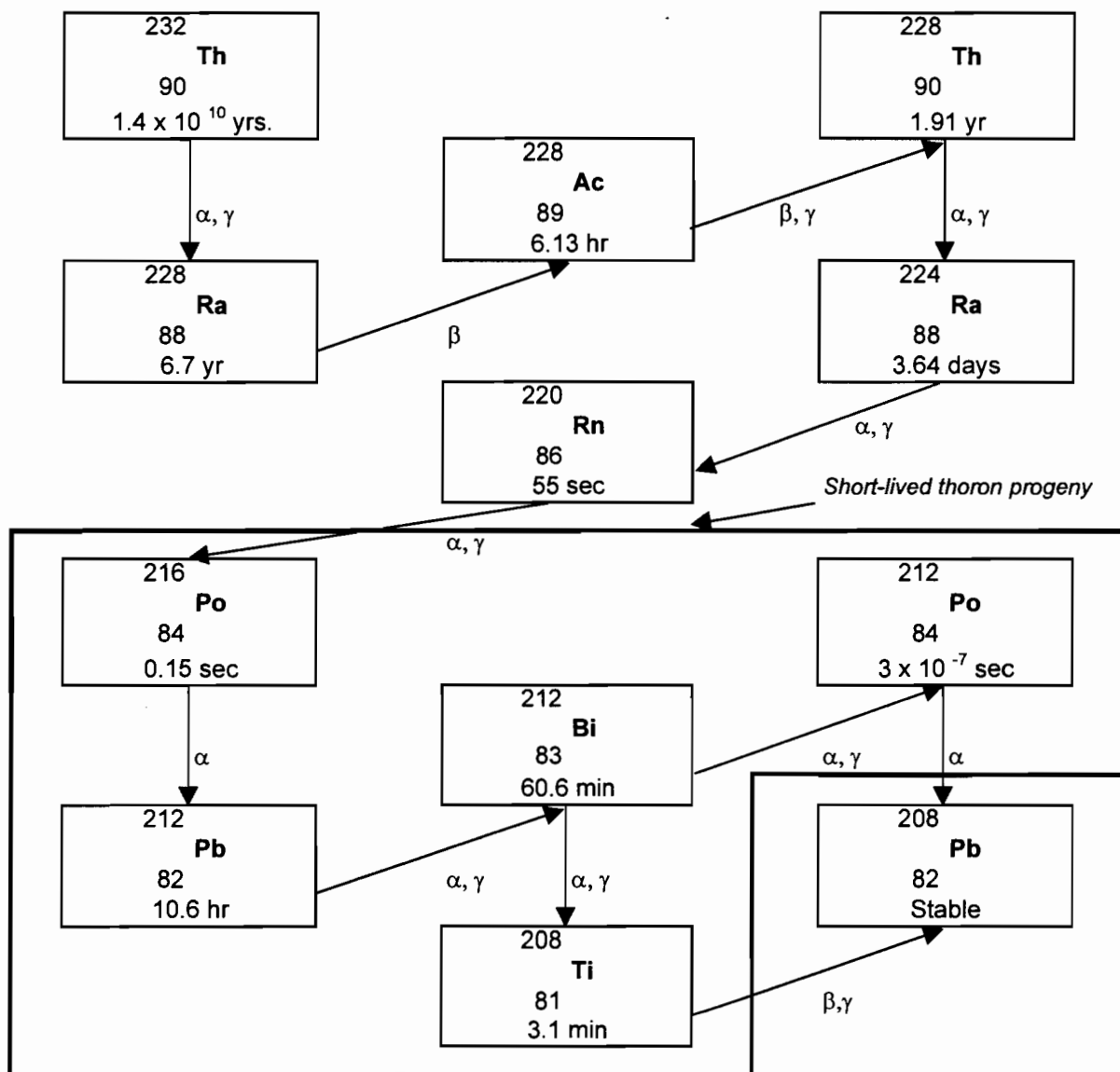
5816.001.701
DEC. 1999

G **ORRINSON**
ENGINEERS INC.

Current site map

FIGURE 12

Thorium series



Abbreviation

Element

Th	Thorium
Ra	Radium
Ac	Actinium
Rn	Radon
Po	Polonium
Pb	Lead
Bi	Bismuth
Tl	Thallium

α	alpha particle
β	beta particle
γ	gamma particle

FIGURE 12

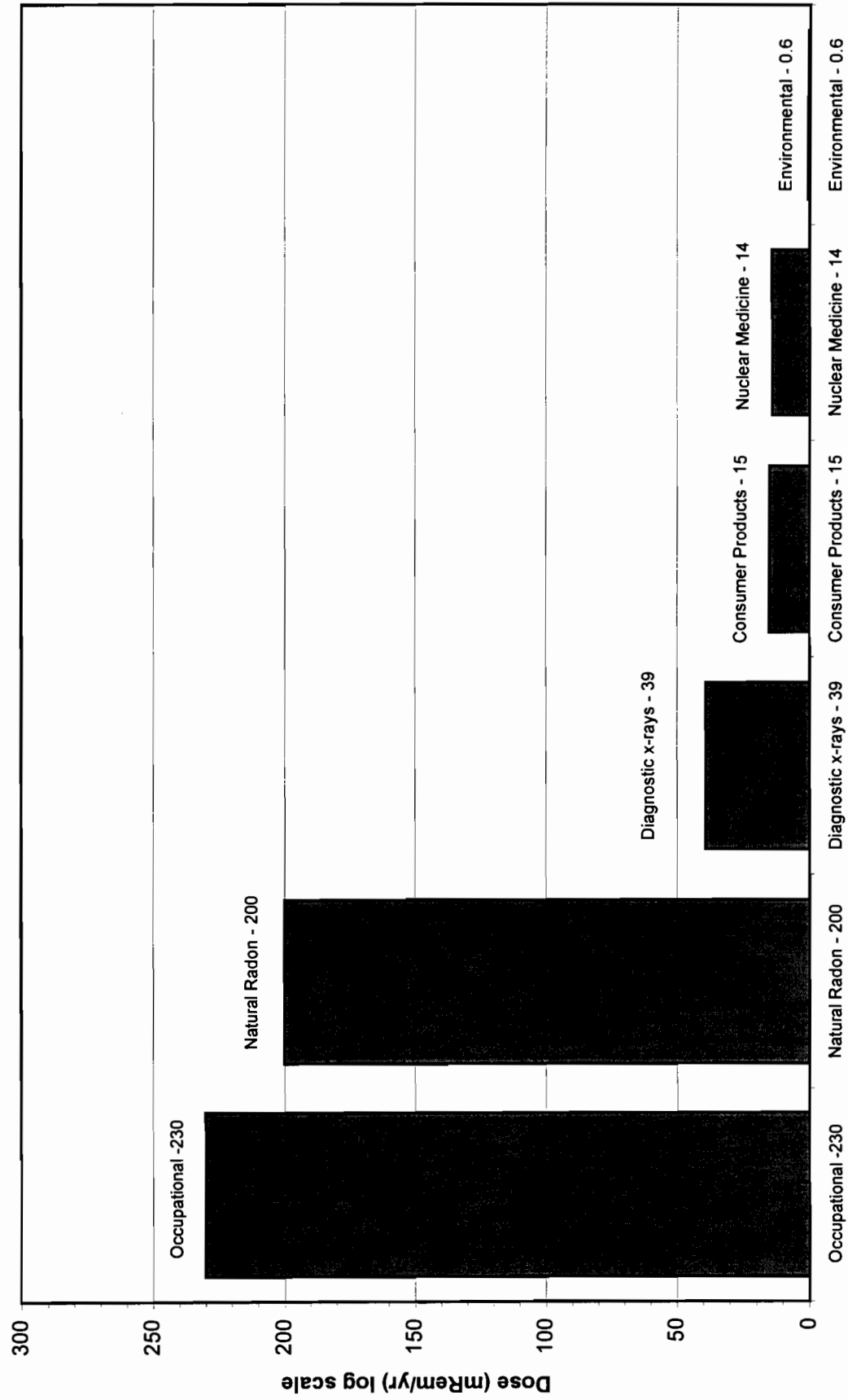
THORIUM SERIES

FIGURE 13

Uranium series

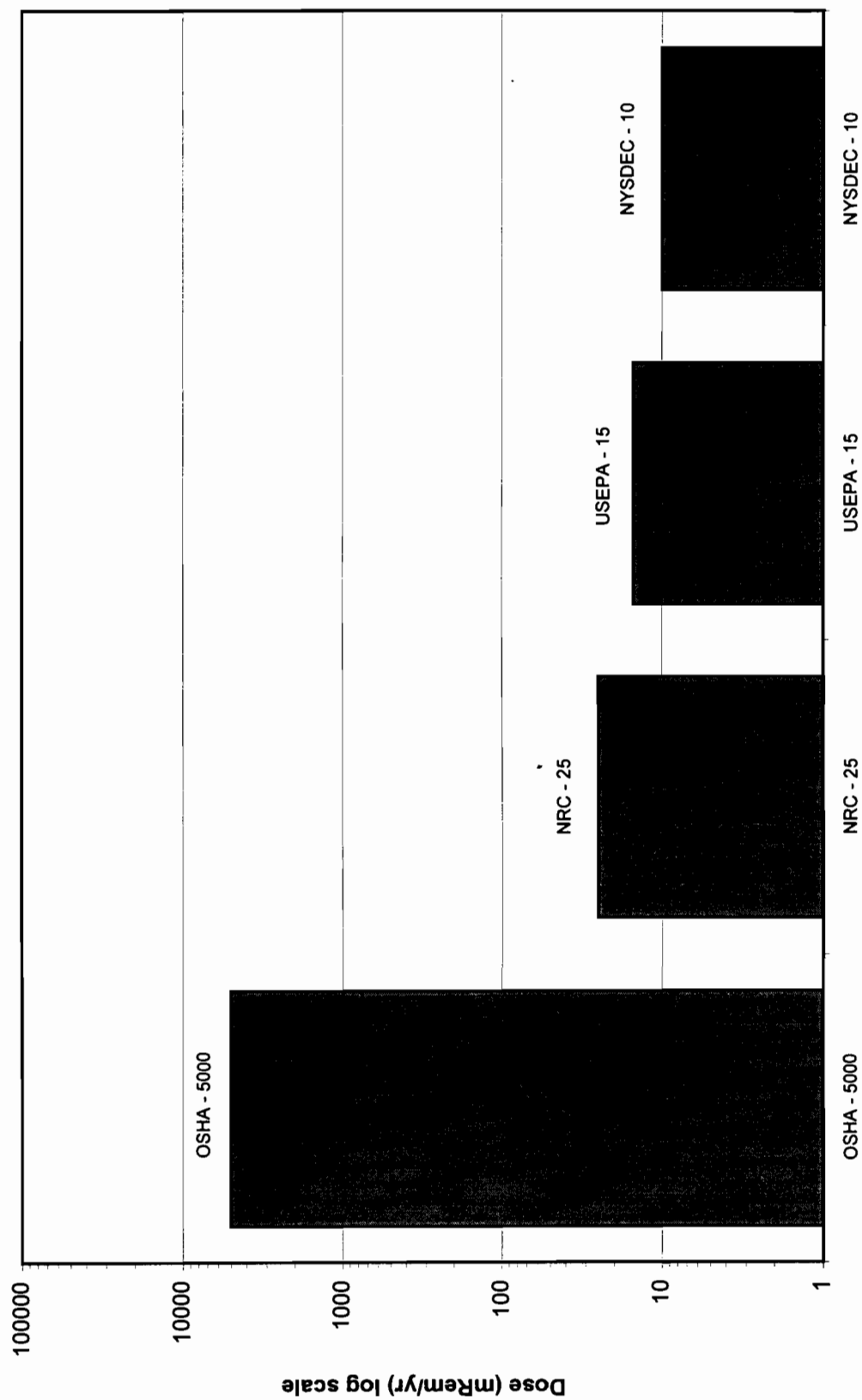
**Comparisons of radiological dose for
background exposures**

Figure 14. Comparison of Radiological Dose for Background Exposures



**Comparisons of acceptable
radiological dose by
regulatory agency**

Figure 15. Comparison of Acceptable Radiological Dose by Regulatory Agency



APPENDIX A

Photographs



Picture illustrating the utility markouts in front of Air Techniques.



Survey markings at the rear of Gilbert Displays.



Entrance to Magazine Distributors. Air Techniques on the right. View is from Cantiague Rock Road.



South side of Air Techniques (Camera pointing east). General Semiconductor is on the right side of the photograph.



South side of Air Techniques.



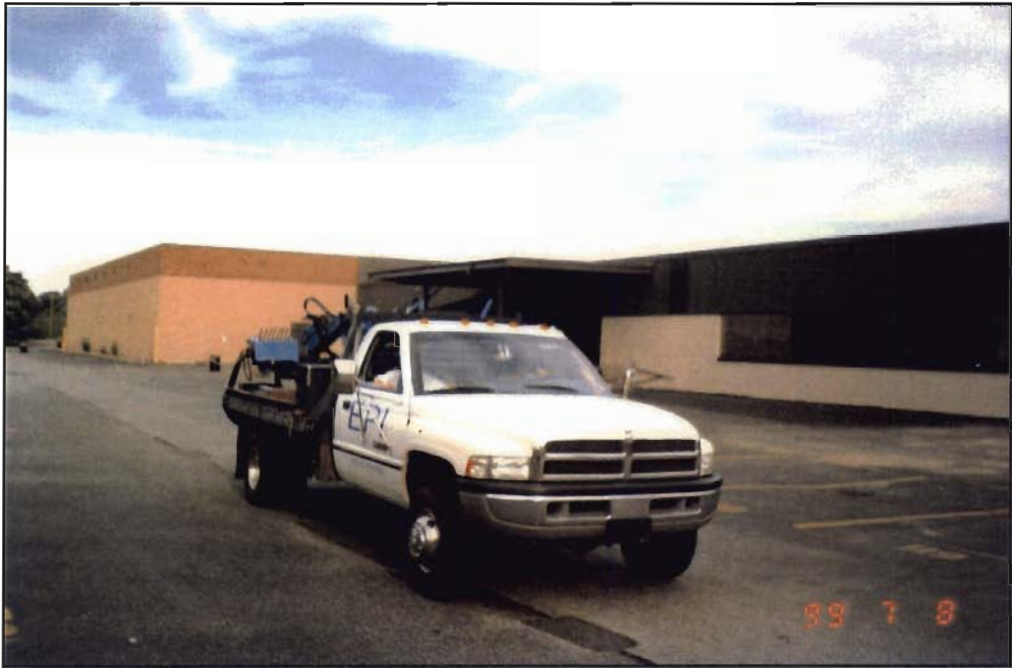
North side of Air Techniques.



Area between Gilbert Displays and the Nassau Co. Parks Department Golf Course Driving Range.



NAEVA personnel marking the underground utilities and other objects at the rear of Gilbert Displays.



The Hurricane Drill Rig.



The Hurricane Drill Rig.



Hollow-stem auger drill rig used for the temporary well points.



Sample soil core. This core from SB-024 (4-8 feet) exhibited layering indicative of a disposal area.



SB-024 contained pale yellow and green areas of significant above background readings of radiation.



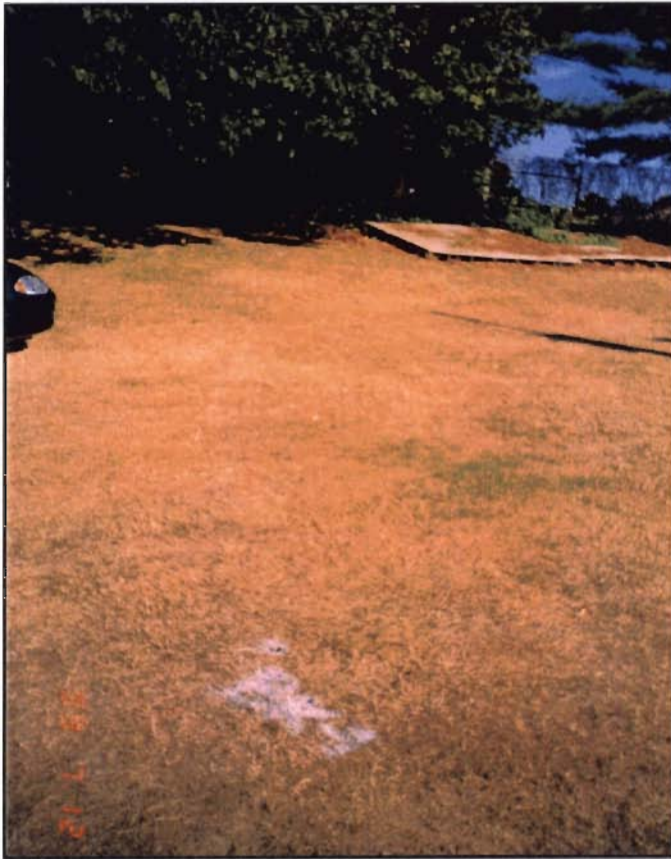
In field trailer radiation measurements were collected. (Note: pan-cake probe and 2" x 2" NaI probe)



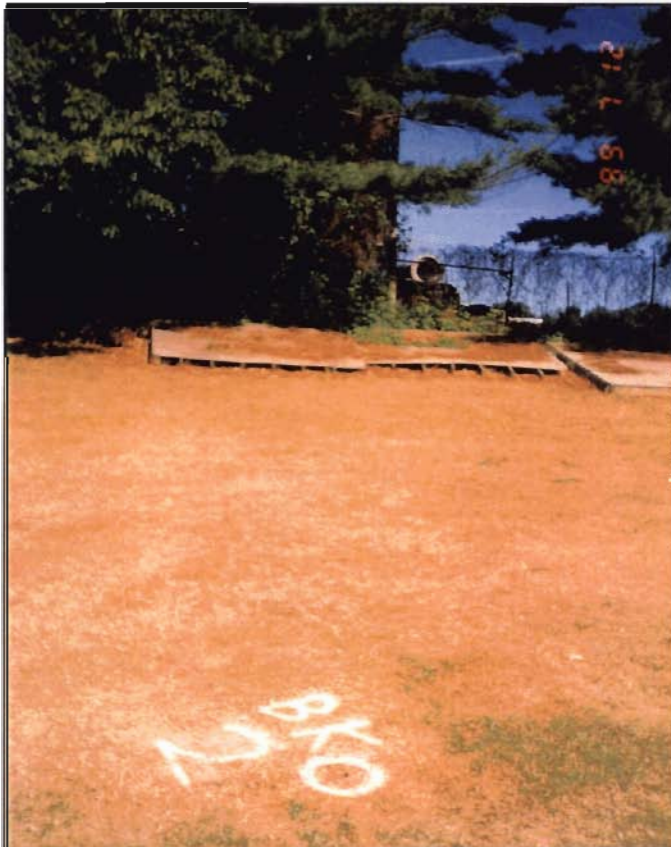
Trailer interior showing Model 2929 alpha/beta detector, film badge storage locations and other equipment.



Core descriptions and sample containerization as performed by an O'Brien & Gere Geologist.



Boring BK-001 was advanced to obtain a background sample from the Nassau County Parks Department Golf Course Driving Range, an area in close proximity to the site, but unaffected by former site processes.



BK-002 was used to obtain a background soil sample and background cores from an area in close proximity to the site, but unaffected by former site processes (Nassau County Parks Department Golf Course Driving Range).



SB-001 was installed on the north side of the Air Techniques Building to penetrate the footprint of the former the Special Nuclear Material Storage #1 Building.



SB-002 was situated adjacent to an underground anomaly and penetrated the footprint of the former isostatic pressing building, near a drywell that once may have been in the building.



SB-003 was used to evaluate subsurface conditions in the footprint of former Recharge Basin #1-2. The boring was immediately downgradient of underground structures on Magazine Distributors, Inc. and between MW-01 and MW-02.



SB-004A - C were placed directly over an area of above background radiation readings found during the USRADs survey.



SB-005 was placed on Air Techniques, Inc. to evaluate subsurface conditions associated with Recharge Basin #4.



SB-006 was placed at Air Techniques, Inc. to evaluate subsurface conditions near the former leaching pool.



SB-007 was placed at Air Techniques, Inc. to evaluate subsurface conditions near the historic leaching pool.



SB-008 was used to evaluate subsurface conditions adjacent to a historic catch basin and down gradient of a historic leaching pool.



SB-009A - E were placed directly over an area of above background radiation readings found during the USRADs survey.



Many of the borings were located within close proximity (i.e. SB-009 and SB-010).



SB-010A & B were used to evaluate subsurface conditions associated with former Recharge Basin #4. Refusal was encountered in boring 10A therefore boring 10B was advanced (Air Techniques, Inc.).



SB-011 was used to evaluate the subsurface near the transformer pad on the south side of Air Techniques. Note: SB-006 and utility markings.



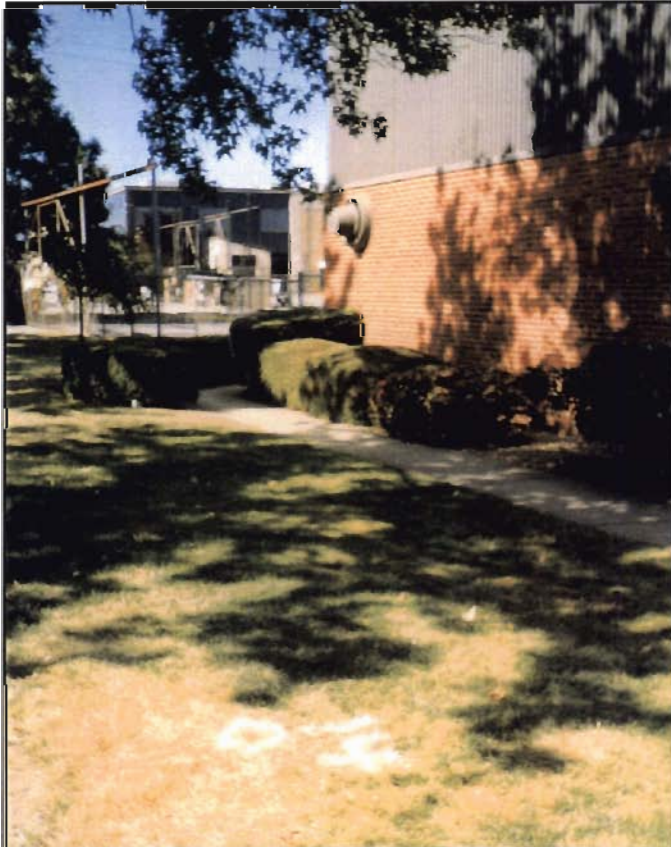
SB-012 was used to evaluate subsurface conditions within the footprint of former Recharge Basin #1-2.



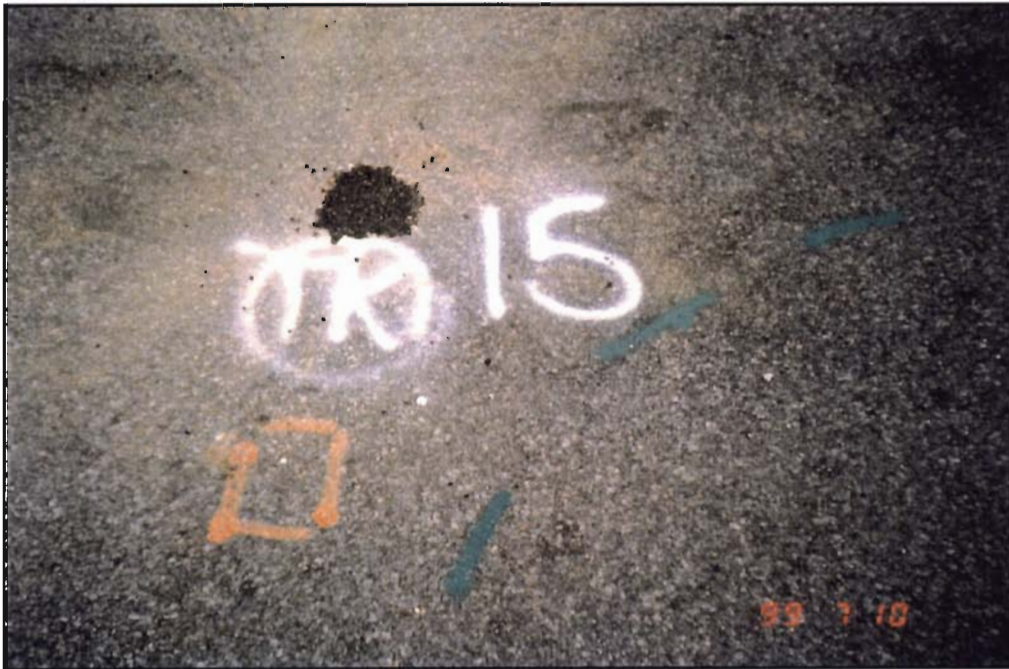
SG-01 was installed at the request of NYSDEC to evaluate the area for BTEX compounds.



SB-013 was used to evaluate subsurface conditions associated with a series of historic cesspools.



SB-014 was used to evaluate subsurface conditions adjacent to a series of septic tanks historically used at the site (Air Techniques, Inc.).



SB-015 was used to evaluate subsurface conditions adjacent to several historic underground structures (Magazine Distributors).



SB-016 was used to evaluate subsurface conditions adjacent to several historic underground structures (Magazine Distributors).



SB-019 was used to evaluate subsurface conditions adjacent to a historic leaching pool.



SB-020 was used to evaluate subsurface conditions beneath the footprint of a historic above ground tank.



SB-021 was used to evaluate subsurface conditions for the purposes of areal representation.



SB-022 was used to evaluate subsurface conditions near a historic inlet/leaching pool.



SB-023A & B was used to evaluate subsurface conditions near the center of the footprint of historic Recharge Basin #3.



SB-024 was used to evaluate subsurface conditions in an area with above background radiation (USRADs survey).



SB-025 was used to evaluate subsurface conditions in shallow soils at the rear of Gilbert Displays in response to earlier NRC and NYSDEC findings of above background radionuclides.



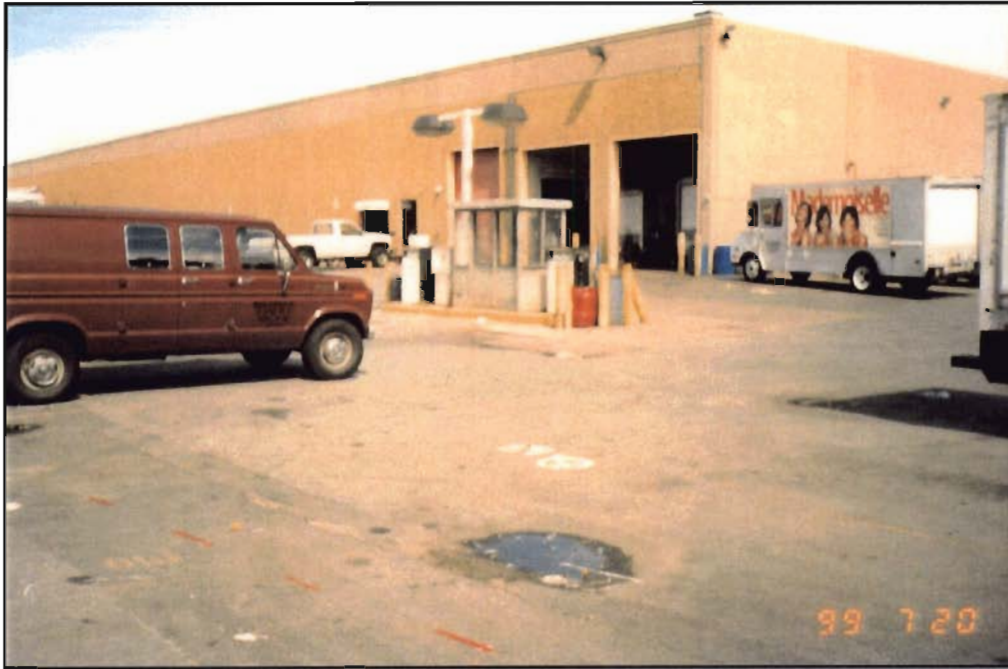
SB-026 was used to evaluate subsurface conditions at the rear of Gilbert Displays in response to NRC and NYSDEC findings.



SB-027 and SB-028 were used to evaluate subsurface conditions in shallow soils on the Nassau Co. Parks Department Golf Course Driving Range near those at the rear of Gilbert Displays. The soils in this area were previously found to exhibit above background levels of radioactivity by NRC and NYSDEC.



SB-030A and SB-030B were placed to evaluate subsurface conditions in shallow soils at the rear of Magazine Distributors, Inc., in response to earlier NRC and NYSDEC findings of above background radiation in this area.



SB-063 penetrated the footprint of historic Recharge Basin #1-2 to evaluate subsurface conditions in this area.



SB-064 penetrated the footprint of the historic reservoir at the rear of Magazine Distributors.



SB-065 was used to evaluate subsurface conditions immediately downgradient of historic Recharge Basin #1-2 and for the purposes of areal representation (Magazine Distributors).



SB-067 and SB-068 were used to delineated above background levels of radiation associated with borings SB-30 through 34 (Magazine Distributors).



SB-070 was used to delineate subsurface soil conditions associated with above background radiation.



SB-072 was used to delineate subsurface soil conditions associated with above background radiation.



SB-073 was used to delineate subsurface soil conditions associated with above background radiation.



SB-074 was used to delineate subsurface soil conditions associated with above background radiation.



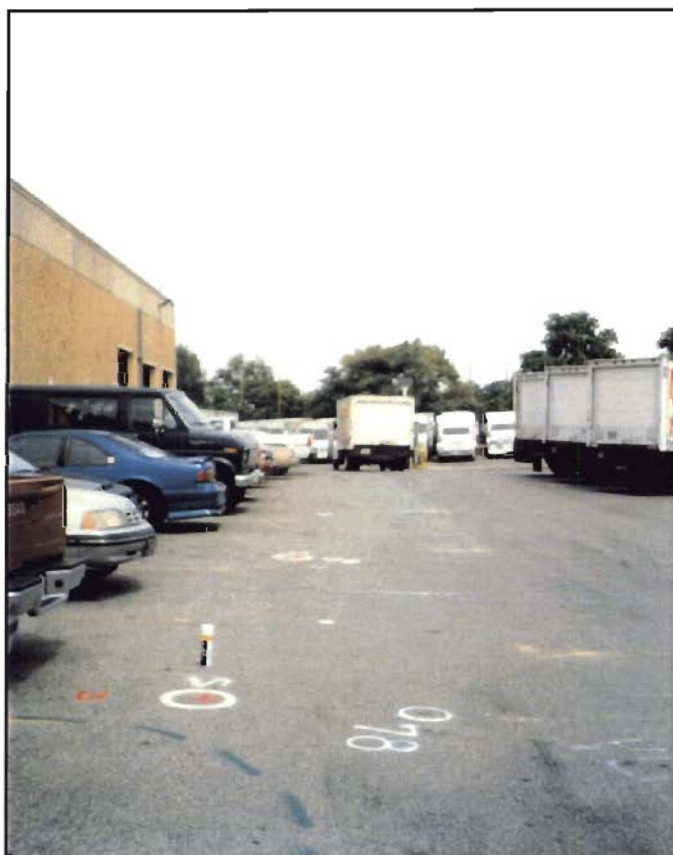
SB-075 was used to evaluate subsurface conditions associated with a historic leaching pool (Magazine Distributors).



SB-076 was used to evaluate subsurface conditions associated with a historic leaching pool (Magazine Distributors).



SB-077 was used to evaluate subsurface conditions in the footprint of historic Recharge Basin #1-2 and immediately downgradient of several former structures centered at boring SB-017 (Magazine Distributors).



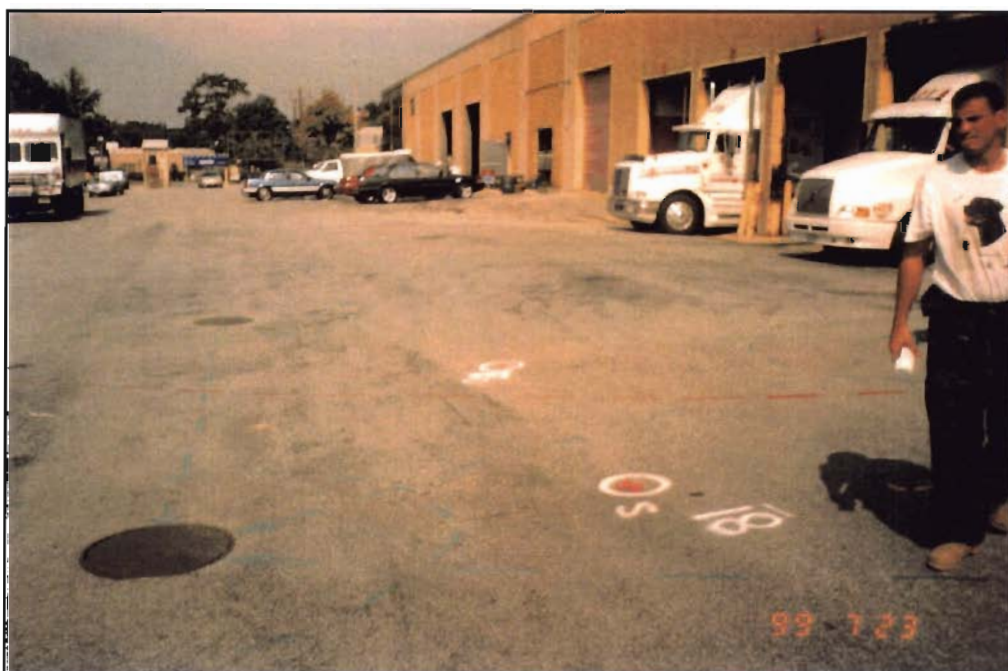
SB-078 was used to evaluate subsurface conditions near several historic underground structures.



SB-079 was used to evaluate subsurface conditions near several historic underground structures (Magazine Distributors).



SB-080 was used to evaluate subsurface conditions near several historic underground structures (Magazine Distributors).



SB-081 was used to evaluate subsurface conditions near several historic underground structures (Magazine Distributors).



SB-082 was used to evaluate subsurface conditions near several historic underground structures (Magazine Distributors).



SB-083 was located immediately over an area of above background radiation found during the USRADs survey (Magazine Distributors).



SB-084 was located immediately over an area of above background radiation found during the USRADs survey (Magazine Distributors).



SB-085A and B were located to evaluate subsurface conditions in the footprint of the historic solvent storage building and for areal coverage.



SB-087 was used to evaluate subsurface conditions associated with an historic leaching pool.



SB-088 was used to evaluate subsurface conditions associated with a historic leaching pool.



SB-089 was used to evaluate subsurface conditions associated with a historic leaching pool.



SB-090A and B was used to evaluate subsurface conditions associated with a historic leaching pool and used for areal representation.



SB-091 was used to evaluate subsurface conditions associated with a historic leaching pool.



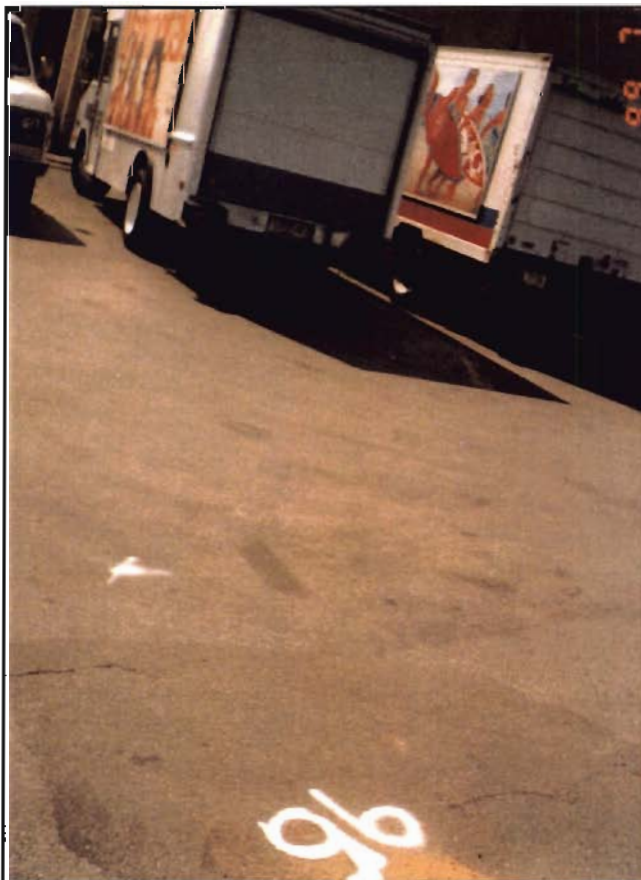
SB-092 was used to evaluate subsurface conditions near several historical subsurface structures on the south side of Magazine Distributors.



SB-095 was used to evaluate subsurface conditions near several historical subsurface structures on the south side of Magazine Distributors.



SB-094 was used to delineate the area of elevated soil vapor defined by SB-067 east of Magazine Distributors.



SB-096 was used to delineate the area of elevated soil vapor defined by SB-067 east of Magazine Distributors.



SB-105 through Sb-109 were used to evaluate subsurface conditions associated with elevated radioactivity and VOCs found at approximately 9 feet below grade during the installation of TW-02.



Several truck bays are located on the south side of Magazine Distributors.

Aerial photographs



The EDR-Aerial Photography Print Service

**Cantiague Rock Road
Cantiague Rock Road
Hicksville, NY 11801**

October 28, 1999

Inquiry Number: 426338-3

The Source For Environmental Risk Management Data

**3530 Post Road
Southport, Connecticut 06490**

Nationwide Customer Service

**Telephone: 1-800-352-0050
Fax: 1-800-231-6802**











Boring logs

: The soil boring was backfilled with soil cuttings and bentonite chips.

REPORT OF BORING SB-006

Client: GTE Operations Support Incorporated
Former Sylvania Electric Products
Incorporated Facility
Loc: Hicksville, NY
No.: 5816.009

Drill Method:	Geoprobe
Sampler:	2-inch acetate core
Hammer:	NA
Fall:	NA

Start Date: 7/8/99
End Date: 7/8/99

Boring Company: Environmental Probing Investigations, Inc.
Foreman: Paul Barkalow
Drill Rig: Geoprobe (Hurricane Dual Sampling System)
OBG Geologist: Chawn O'Dell

Screen	=		Grout
Riser			Sand Pack
Steel	//		Bentonite

[illegible]

div82/projects/5816.009/4 notes/sb-06

REPORT OF BORING SB-007

Drill Method:	Geoprobe
Sampler:	2-inch acetate core
Hammer:	NA
Fall:	NA

Start Date: 7/8/99
End Date: 7/8/99

Screen	=		Grout
Riser			Sand Pack
Steel	//		Bentonite

: The soil boring was backfilled with soil cuttings and bentonite chips.

REPORT OF BORING SB-009

Page 1 of 1
Location:
Start Date: 7/8/99
End Date: 7/8/99

Screen	=		\	Grout
Riser				Sand Pack
Steel	//			Bentonite

[illegible]

div82/projects/5816.009/4 notes/sb-09

TEST BORING LOG

REPORT OF BORING SB-009B

OBRIEN CEMENT ENGINEERS INC.

Client: GTE Operations Support Incorporated
Former Sylvania Electric Products
Incorporated Facility
Loc: Hicksville, NY
No.: 5816.009

Drill Method:	Geoprobe
Sampler:	2-inch acetate core
Hammer:	NA
Fall:	NA

Page 1 of 1
Location:

Start Date: 7/8/99
End Date: 7/8/99

Boring Company: Environmental Probing Investigations, Inc.

Foreman: Paul Barkalow

Drill Rig: Geoprobe (Hurricane Dual Sampling System)

OBG Geologist: Chawn O'Dell

Screen	=		\	Grout
Riser				Sand Pack
Steel	//			Bentonite

[illegible]

: The soil boring was backfilled with soil cuttings and bentonite chips.

div82/projects/5816.009/4 notes/sb-09e

REPORT OF BORING SB-011

Page 1 of 1
Location:
Start Date: 7/8/99
End Date: 7/8/99

Screen	=			Grout
Riser				Sand Pack
Steel	//			Bentonite

[illegible]

div82/projects/5816.009/4 notes/sb-11

REPORT OF BORING SB-013

Screen	=	Grout Sand Pack Bentonite
Riser		
Steel	//	

5: The soil boring was backfilled with soil cuttings and bentonite chips.

TEST BORING LOG

REPORT OF BORING SB-014

Client: GTE Operations Support Incorporated
Former Sylvania Electric Products
Incorporated Facility
Loc: Hicksville, NY
No.: 5816.009

Drill Method:	Geoprobe
Sampler:	2-inch acetate core
Hammer:	NA
Fall:	NA

Page 1 of 1
Location:
Start Date: 7/9/99
End Date: 7/9/99

End Date: 7/9/99

Foreman: Paul Barkalow
Drill Rig: Geoprobe (Hurricane Dual Sampling System)
OBG Geologist: Chawn O'Dell

Drill Rig: Geoprobe (Hurricane Dual Sampling System)
OBG Geologist: Chawn O'Dell

OBG Geologist: Chawn O'Dell

Screen	=		Grout
Riser			Sand Pack
Steel			Bentonite

Screen	=		Grout
Riser			Sand Pack
Steel	//		Bentonite

[illegible]

Notes: The soil boring was backfilled with soil cuttings and bentonite chips.

div82/projects/5816.009/4_notes/sb-14

div82/projects/5816.009/4_notes/sb-14

[illegible]

REPORT OF BORING SB-017A

Page 1 of 1
Location:
Start Date: 7/10/99
End Date: 7/10/99

Screen	=		Grout
Riser			Sand Pack
Steel	//		Bentonite

The soil boring was backfilled with soil cuttings and bentonite chips.

REPORT OF BORING SB-017B

Page 1 of 1
Location:
Start Date: 7/10/99
End Date: 7/10/99

Screen	=		Grout
Riser			Sand Pack
Steel	//		Bentonite

The soil boring was backfilled with soil cuttings and bentonite chips.

REPORT OF BORING

SB-021

**Client: GTE Operations Support Incorporated
Former Sylvania Electric Products
Incorporated Facility**

Drill Method:	Geoprobe
Sampler:	2-inch acetate core
Hammer:	NA

Page 1 of 1

Location:**Start Date: 7/11/99****End Date: 7/11/99**

i. Loc: Hicksville, NY

No.: 5816.009

Fall: NA

Boring Company: Environmental Probing Investigations, Inc.

Foreman: Martin Pepper

Drill Rig: Geoprobe (Hurricane Dual Sampling System)

OBG Geologist: Chawn O'Dell

Screen =

Rise

Steel

— — —

Grout

Sand Pack

Bentonite

Discussion

[illegible]

5: The soil boring was backfilled with soil cuttings and bentonite chips.

**REPORT OF BORIN
SB-022**

Client: GTE Operations Support Incorporated
Former Sylvania Electric Products
Incorporated Facility
i. Loc: Hicksville, NY
No.: 5816.009

Drill Method:	Geoprobe
Sampler:	2-inch acetate core
Hammer:	NA
Fall:	NA

Page 1 of 1
Location:

Start Date: 7/11/99
End Date: 7/11/99

Boring Company: Environmental Probing Investigations, Inc.
Foreman: Martin P
Drill Rig: Geoprobe (Hurricane Dual Sampling System)
OBG Geologist: Chawn O'Dell

Screen	=			Grout
Riser				Sand
Steel	//			Bento

[illegible]

5: The soil boring was backfilled with soil cuttings and bentonite chips.

TEST BORING LOG

REPORT OF BORING SB-023A

Client: GTE Operations Support Incorporated
Former Sylvania Electric Products
Incorporated Facility
Loc: Hicksville, NY
No.: 5816.009

Drill Method:	Geoprobe
Sampler:	2-inch acetate core
Hammer:	NA
Fall:	NA

Page 1 of 1
Location:

Start Date: 7/11/99
End Date: 7/11/99

Boring Company: Environmental Probing Investigations, Inc.
Foreman: Martin Pepper
Drill Rig: Geoprobe (Hurricane Dual Sampling System)
OBG Geologist: Chawn O'Dell

Screen	=		\	Grout
Riser				Sand Pack
Steel	//			Bentonite

[illegible]

∴ The soil boring was backfilled with soil cuttings and bentonite chips.

O'BRIEN & GERHART ENGINEERS, INC.

Client: GTE Operations Support Incorporated
Former Sylvania Electric Products
Incorporated Facility
i. Loc: Hicksville, NY
No.: 5816.009

Drill Method:	Geoprobe
Sampler:	2-inch acetate core
Hammer:	NA
Fall:	NA

Page 1 of 1
Location:

Start Date: 7/11/99
End Date: 7/11/99

Boring Company: Environmental Probing Investigations, Inc.
Foreman: Martin Pepper
Drill Rig: Geoprobe (Hurricane Dual Sampling System)
OBG Geologist: Chawn O'Dell

Screen	=		Grout
Riser			Sand Pack
Steel	//		Bentonite

[illegible]

3: The soil boring was backfilled with soil cuttings and bentonite chips.

REPORT OF BORING

SB-024

Client: GTE Operations Support Incorporated
Former Sylvania Electric Products
Incorporated Facility

Drill Method:	Geoprobe
Sampler:	2-inch acetate core
Hammer:	NA

Page 1 of 1

Location:

Start Date: 7/11/99**End Date: 7/11/99**

Boring Company: Environmental Probing Investigations, Inc.

Foreman: Martin Pepper

Drill Rig: Geoprobe (Hurricane Dual Sampling System)

OBG Geologist: Chawn O'Dell

Screen Riser Steel	=
	//

Grout
Sand Pack
Bentonite

[illegible]

s: The soil boring was backfilled with soil cuttings and bentonite chips.

TEST BORING LOG

REPORT OF BORING SB-026

Client: GTE Operations Support Incorporated
Former Sylvania Electric Products
Incorporated Facility
Loc: Hicksville, NY
No.: 5816.009

Drill Method:	Geoprobe
Sampler:	2-inch acetate core
Hammer:	NA
Fall:	NA

Page 1 of 1
Location:

Start Date: 7/11/99
End Date: 7/11/99

Boring Company: Environmental Probing Investigations, Inc.
Foreman: Martin Pepper
Drill Rig: Geoprobe (Hurricane Dual Sampling System)
OBG Geologist: Chawn O'Dell

Screen	=		\	Grout
Riser				Sand Pack
Steel	//			Bentonite

[illegible]

3: The soil boring was backfilled with soil cuttings and bentonite chips.

TEST BORING LOG

REPORT OF BORING SB-027

O'Brien & Gere Engineers, Inc.

**Client: GTE Operations Support Incorporated
Former Sylvania Electric Products
Incorporated Facility**

i. Loc: Hicksville, NY

No.: 5816.009

Drill Method: Geoprobe
Sampler: 2-inch acetate core
Hammer: NA

Fall: NA

Page 1 of 1

Location:

Start Date: 7/12/99

End Date: 7/12/99

Boring Company: Environmental Probing Investigations, Inc.

Foreman: Martin Pepper

Drill Rig: Geoprobe (Hurricane Dual Sampling System)

OBG Geologist: Chawn O'Dell

Screen	=
Riser	
Steel	//

Grout	
Sand Pack	
Bentonite	

[illegible]

s: The soil boring was backfilled with soil cuttings and bentonite chips.

TEST BORING LOG

REPORT OF BORING

SB-028

Client: GTE Operations Support Incorporated
Former Sylvania Electric Products
Incorporated Facility
j. Loc: Hicksville, NY
No.: 5816.009

Drill Method:	Geoprobe
Sampler:	2-inch acetate core
Hammer:	NA
Fall:	NA

Page 1 of 1
Location:

Start Date: 7/12/99
End Date: 7/12/99

Boring Company: Environmental Probing Investigations, Inc.
Foreman: Martin Pepper
Drill Rig: Geoprobe (Hurricane Dual Sampling System)
OBG Geologist: Chawn O'Dell

Screen	=		Grout
Riser			Sand Pack
Steel	//		Bentonite

[illegible]

s: The soil boring was backfilled with soil cuttings and bentonite chips.

TEST BORING LOG

REPORT OF BORING SB-033

Page 1 of 1
Location:
Start Date: 7/12/99
End Date: 7/12/99

Drill Method:	Geoprobe
Sampler:	2-inch acetate core
Hammer:	NA
Fall:	NA

Screen	=		Grout
Riser			Sand Pack
Steel	//		Bentonite

[illegible]

Notes: The soil boring was backfilled with soil cuttings and bentonite chips.

TEST BORING LOG

REPORT OF BORING SB-034

Page 1 of 1
Location:
Start Date: 7/12/99
End Date: 7/12/99

O'BRIEN & GERE ENGINEERS, INC.
Client: **GTE Operations Support Incorporated**
Former Sylvania Electric Products
Incorporated Facility
i. Loc: **Hicksville, NY**
No.: **5816.009**

Drill Method:	Geoprobe
Sampler:	2-inch acetate core
Hammer:	NA
Fall:	NA

Boring Company: Environmental Probing Investigations, Inc.
Foreman: Martin Pepper
Drill Rig: Geoprobe (Hurricane Dual Sampling System)
OBG Geologist: Chawn O'Dell

Screen	=		Grout
Riser			Sand Pack
Steel	//		Bentonite

[illegible]

div82/projects/5816.009/4_notes/sb-34

TEST BORING LOG

REPORT OF BORING

SB-035A

Client: GTE Operations Support Incorporated
Former Sylvania Electric Products
Incorporated Facility
Loc: Hicksville, NY
No.: 5816.009

Drill Method:	Geoprobe
Sampler:	2-inch acetate core
Hammer:	NA
Fall:	NA

Page 1 of 1
Location:
Start Date: 7/12/99
End Date: 7/12/99

Boring Company: Environmental Probing Investigations, Inc.

Foreman: Martin Pepper

Drill Rig: Geoprobe (Hurricane Dual Sampling System)

OBG Geologist: Chawn O'Dell

Screen	=		Grout
Riser			Sand Pack
Steel	//		Bentonite

[illegible]

; The soil boring was backfilled with soil cuttings and bentonite chips.

TEST BORING LOG

REPORT OF BORING SB-036

O'BREN & GER ENGINEERS INC.

Client: GTE Operations Support Incorporated
Former Sylvania Electric Products
Incorporated Facility
j. Loc: Hicksville, NY
No.: 5816.009

Drill Method:	Geoprobe
Sampler:	2-inch acetate core
Hammer:	NA
Fall:	NA

Page 1 of 1
Location:

Start Date: 7/12/99
End Date: 7/12/99

Boring Company: Environmental Probing Investigations, Inc.
Foreman: Martin Pepper
Drill Rig: Geoprobe (Hurricane Dual Sampling System)
OBG Geologist: Chawn O'Dell

Screen	=		Grout
Riser			Sand Pack
Steel	//		Bentonite

[illegible]

Notes: The soil boring was backfilled with soil cuttings and bentonite chips.

REPORT OF BORING SB-037

Client: GTE Operations Support Incorporated
Former Sylvania Electric Products
Incorporated Facility

Drill Method:	Geoprobe
Sampler:	2-inch acetate core
Hammer:	NA
Fall:	NA

Page 1 of 1
Location:

Start Date: 7/13/99
End Date: 7/13/99

Boring Company: Environmental Probing Investigations, Inc.
Foreman: Martin Pepper
Drill Rig: Geoprobe (Hurricane Dual Sampling System)
OBG Geologist: Chawn O'Dell

Screen	=		Grout
Riser			Sand Pack
Steel	//		Bentonite

s: The soil boring was backfilled with soil cuttings and bentonite chips.

TEST BORING LOG

REPORT OF BORING

SB-039

**Client: GTE Operations Support Incorporated
Former Sylvania Electric Products
Incorporated Facility**

Drill Method:	Geoprobe
Sampler:	2-inch acetate core
Hammer:	NA

Page 1 of 1

Location:

Start Date: 7/13/99**End Date: 7/13/99**

j. Loc: Hicksville, NY

No.: 5816.009

Fall: NA

Boring Company: Environmental Probing Investigations, Inc.

Foreman: Martin Pepper

Drill Rig: Geoprobe (Hurricane Dual Sampling System)

OBG Geologist: Chawn O'Dell

Screen	=

Riser	

Steel ☐

Grout	

Sand Pack

Bentonite

[illegible]

s: The soil boring was backfilled with soil cuttings and bentonite chips.

TEST BORING LOG

REPORT OF BORING SB-040

O'BRIEN & GEE ENGINEERS, INC.

Client: GTE Operations Support Incorporated
Former Sylvania Electric Products
Incorporated Facility
j. Loc: Hicksville, NY
No.: 5816.009

Drill Method:	Geoprobe
Sampler:	2-inch acetate core
Hammer:	NA
Fall:	NA

Page 1 of 1
Location:

Start Date: 7/13/99
End Date: 7/13/99

Boring Company: Environmental Probing Investigations, Inc.
Foreman: Martin Pepper
Drill Rig: Geoprobe (Hurricane Dual Sampling System)
OBG Geologist: Chawn O'Dell

Scree	=	\	Grout
Riser			Sand Pack
Steel	//		Bentonite

[illegible]

s: The soil boring was backfilled with soil cuttings and bentonite chips.

REPORT OF BORING SB-041

Screen	=	Grout
Riser		Sand Pack
Steel	//	Bentonite

s: The soil boring was backfilled with soil cuttings and bentonite chips.

REPORT OF BORING SB-042

Grout	
Sand Pack	
Bentonite	

div82/projects/5816.009/4_notes/sb-42

TEST BORING LOG

REPORT OF BORING SB-043

O'BRIEN & HERGENROTHERS INC.

Client: GTE Operations Support Incorporated
Former Sylvania Electric Products
Incorporated Facility

Drill Method:	Geoprobe
Sampler:	2-inch acetate core
Hammer:	NA

Page 1 of 1
Location:

Start Date: 7/13/99
End Date: 7/13/99

j. Loc: Hicksville, NY

Fall:	NA

Boring Company: Environmental Probing Investigations, Inc.

Foreman: Martin Pepper

Drill Rig: Geoprobe (Hurricane Dual Sampling System)

OBG Geologist: Chawn O'Dell

Screen	=		Grout
Riser			Sand Pack
Steel	//		Bentonite

[illegible]

s: The soil boring was backfilled with soil cuttings and bentonite chips.

O'BRIEN & GERE ENGINEERS, INC.						TEST BORING LOG		REPORT OF BORING SB-045		
Client: GTE Operations Support Incorporated Former Sylvania Electric Products Incorporated Facility Loc: Hicksville, NY No.: 5816.009						Drill Method: Geoprobe Sampler: 2-inch acetate core Hammer: NA Fall: NA		Page 1 of 1 Location: Start Date: 7/14/99 End Date: 7/14/99		
Boring Company: Environmental Probing Investigations, Inc. Foreman: Martin Pepper Drill Rig: Geoprobe (Hurricane Dual Sampling System) OBG Geologist: Chawn O'Dell								Screen = ☐ Grout Riser ☐ Sand Pack Steel ☐ Bentonite		
Depth Below Grade	No.	Depth (in.)	Blows /6"	Penetr/ Recovery	"N" Value	Sample Description	Stratum Change General Descript	Sample Interval	Field Testing PID (ppm)	
0	1	0-48	--	48/36	--	0 - 3" Asphalt				
						Dark yellowish brown 10YR 4/2 to grayish brown 5YR 3/2, damp, SILT, some fine to coarse sand, little fine to coarse gravel (subrounded to angular)		0 - 18"	3.2	
								18 - 36"	15.1	
48	2	48-96	--	48/40	--	48 - 70" Dark yellowish brown 10YR 4/2 to grayish brown 5YR 3/2, damp, SILT, some fine to coarse sand, little fine to coarse gravel (subrounded to angular)		48 - 70"	210	
						70 - 74" Dark greenish yellow 10Y 6/6, damp, SILT (like), little clay (waste)		70 - 78"	--	
						74 - 78" Yellowish gray 5Y 7/2 to pale greenish yellow 10Y 8/2, saturated, SILT, some clay (like material), little coarse sand and fine gravel		79 - 88"	810.0	
						78 - 88 NL				
96	3	96-144	--	48/42	--	96 - 100" Yellowish gray 5Y 7/2 to dark greenish yellow 10Y 6/6, SILT (like), little fine gravel (subangular) - fall in?		69 - 100"	--	
						100 - 138" Pale yellowish brown 10YR 6/2 to very pale orange 10YR 8/2, damp to saturated, SILT and fine GRAVEL (angular), little medium to coarse sand, trace medium gravel (subangular)		100 - 138"	650	
144	4	144-192	--	48/39	--	144 - 163" Pale yellowish brown 10YR 6/2 to very pale orange 10YR 8/2, damp to saturated, SILT and fine GRAVEL (angular), little medium to coarse sand, trace medium gravel (subangular)		144 - 163"	580	
						163 - 183" Grayish brown 5YR 3/2, saturated, SILT, some fine to coarse sand, little fine to coarse gravel (subrounded to angular), little clay		163 - 183"	170	
192	5	192-240	--	48/30	--	Moderate yellowish brown 10YR 5/4 to pale yellowish brown 10YR 6/2, damp, fine to coarse SAND and GRAVEL (subrounded to angular)		192 - 202"	7.5	
								202 - 212"	--	
								212 - 222"	1.3	

Notes: The soil boring was backfilled with soil cuttings and bentonite chips.

TEST BORING LOG

REPORT OF BORING SB-049B

Client: GTE Operations Support Incorporated
Former Sylvania Electric Products
Incorporated Facility
j. Loc: Hicksville, NY
File No.: 5816.009

Drill Method:	Geoprobe
Sampler:	2-inch acetate core
Hammer:	NA
Fall:	NA

Page 1 of 1
Location:

Start Date: 7/15/99
End Date: 7/15/99

Boring Company: Environmental Probing Investigations, Inc.
Foreman: Paul Barkalow
Drill Rig: Geoprobe (Hurricane Dual Sampling System)
OBG Geologist: Chawn O'Dell

Screen	=		Grout
Riser			Sand Pack
Steel	//		Bentonite

[illegible]

s: The soil boring was backfilled with soil cuttings and bentonite chips.

TEST BORING LOG

REPORT OF BORING

SB-050

**Client: GTE Operations Support Incorporated
Former Sylvania Electric Products
Incorporated Facility**

Drill Method:	Geoprobe
Sampler:	2-inch acetate core
Hammer:	NA

Page 1 of 1
Location:

Start Date: 7/14/99
End Date: 7/14/99

Loc: Hicksville, NY

No.: 5816.009

Fall: NA

Boring Company: Environmental Probing Investigations, Inc.

Foreman: Martin Pepper

Drill Rig: Geoprobe (Hurricane Dual Sampling System)

OBG Geologist: Chawn O'Dell

Screen	=
Riser	
Steel	//

Grout	
Sand Pack	
Bentonite	

[illegible]

∴ The soil boring was backfilled with soil cuttings and bentonite chips.

[illegible]

The soil boring was backfilled with soil cuttings and bentonite chips.

REPORT OF BORING SB-059

OBG Geologist: Chawn O'Dell

The soil boring was backfilled with soil cuttings and bentonite chips.

[illegible]

The soil boring was backfilled with soil cuttings and bentonite chips.

REPORT OF BORING SB-062

Page 1 of 1
Location:
Start Date: 7/16/99
End Date: 7/16/99

Screen	=		\	Grout
Riser				Sand Pack
Steel	//			Bentonite

The soil boring was backfilled with soil cuttings and bentonite chips.

REPORT OF BORING SB-067

Client: GTE Operations Support Incorporated
Former Sylvania Electric Products
Incorporated Facility

Loc: Hicksville, NY
No.: 5816.009

Drill Method:	Geoprobe
Sampler:	2-inch acetate core
Hammer:	NA
Fall:	NA

Page 1 of 1
Location:
Start Date: 7/19/99
End Date: 7/19/99

Boring Company: Environmental Probing Investigations, Inc.
Foreman: Martin Pepper
Drill Rig: Geoprobe (Hurricane Dual Sampling System)
OBG Geologist: Chawn O'Dell

Screen	=		\	Grout
Riser				Sand Pack
Steel	//			Bentonite

[illegible]

The soil boring was backfilled with soil cuttings and bentonite chips.

	Grout
	Sand Pack
	Bentonite

[illegible]

REPORT OF BORING

SB-071

Page 1 of 1
Location:

Start Date: 7/20/99**End Date: 7/20/99**

Screen	=		Grout
Riser			Sand Pack
Steel	//		Bentonite

OBG Geologist: Chawn O'Dell

The soil boring was backfilled with soil cuttings and bentonite chips.

div82/projects/5816.009/4 notes/sb-74

REPORT OF BORING SB-079

Page 1 of 1
Location:**End Date: 7/21/99**

Screen	=
Riser	
Steel	//

Grout
Sand Pack
Bentonite

OBG Geologist: Chawn O'Dell

No. 1 The soil boring was backfilled with soil cuttings and bentonite chips.

REPORT OF BORING SB-081

Page 1 of 1
Location:**Start Date: 7/21/99**

End Date: 7/21/99

Screen	=		\	Grout
Riser				Sand Pack
Steel	//			Bentonite

Drill Rig: Geoprobe (Hurricane Dual Sampling System)

OBG Geologist: Chawn O'Dell

[illegible]

div82/projects/5816.009/4 notes/sb-81

REPORT OF BORING SB-082

Page 1 of 1
Location:
Start Date: 7/21/99
End Date: 7/21/99

Screen	=		Grout
Riser			Sand Pack
Steel	//		Bentonite

[illegible]

div82/projects/5816.009/4 notes/sb-82

REPORT OF BORING SB-085

Screen	=		Grout
Riser			Sand Pack
Steel	//		Bentonite

The soil boring was backfilled with soil cuttings and bentonite chips.

REPORT OF BORING SB-085B

Page 1 of 1
Location:

Start Date: 7/21/99
End Date: 7/21/99

Screen	=			Grout
Riser				Sand Pack
Steel	//			Bentonite

OBG Geologist: Chawn O'Dell

The soil boring was backfilled with soil cuttings and bentonite chips.

div82/projects/5816.009/4 notes/sb-86

REPORT OF BORING SB-088

Screen	=		Grout
Riser			Sand Pack
Steel	//		Bentonite

The soil boring was backfilled with soil cuttings and bentonite chips.

REPORT OF BORING SB-090

Page 1 of 1
Location:
Start Date: 7/22/99
End Date: 7/22/99

Screen	=		\	Grout
Riser				Sand Pack
Steel	//			Bentonite

The soil boring was backfilled with soil cuttings and bentonite chips.

REPORT OF BORING

SB-091

**Client: GTE Operations Support Incorporated
Former Sylvania Electric Products
Incorporated Facility**

Loc: Hicksville, NY

No.: 5816.009

Drill Method: Geoprobe
Sampler: 2-inch acetate core
Hammer: NA

Fall: NA

Page 1 of 1

Location:

Start Date: 7/22/99

End Date: 7/22/99

Boring Company:	Environmental Probing Investigations, Inc.

Foreman: Paul Barkalow

Drill Rig: Geoprobe (Hurricane Dual Sampling System)

OBG Geologist: Chawn O'Dell

Screen Riser Steel

	Grout
	Sand Pack
	Bentonite

[illegible]

The soil boring was backfilled with soil cuttings and bentonite chips.

**Client: GTE Operations Support Incorporated
Former Sylvania Electric Products
Incorporated Facility**

Loc: Hicksville, NY

No.: 5816.009

Drill Method: Geoprobe
Sampler: 2-inch acetate core
Hammer: NA

Fall: NA

Page 1 of 1

Location:

Start Date: 7/23/99

End Date: 7/23/99

Boring Company: Environmental Probing Investigations, Inc.

Foreman: Paul Barkalow

Drill Rig: Geoprobe (Hurricane Dual Sampling System)

OBG Geologist: Chawn O'Dell

Screen	=
Riser	
Steel	//

Grout	
Sand Pack	
Bentonite	

[illegible]

The soil boring was backfilled with soil cuttings and bentonite chips.

REPORT OF BORING SB-094

Grout
Sand Pack
Bentonite

The soil boring was backfilled with soil cuttings and bentonite chips.

GIBRIEN & GERE ENGINEERS, INC.

Client: GTE Operations Support Incorporated
Former Sylvania Electric Products
Incorporated Facility

P Loc: Hicksville, NY
F No.: 5816.009

Page 1 of 1
Location:
Start Date: 7/23/99
End Date: 7/23/99

Screen	=		Grout
Riser			Sand Pack
Steel	//		Bentonite

The soil boring was backfilled with soil cuttings and bentonite chips.

div82/projects/5816.009/4 notes/sb-100

REPORT OF BORING SB-101A

**Client: GTE Operations Support Incorporated
Former Sylvania Electric Products
Incorporated Facility**

Loc: Hicksville, NY

Folio: 5816.009

Drill Method:	Geoprobe
Sampler:	2-inch acetate core
Hammer:	NA

Fall:	NA

Page 1 of 1

Location:

Start Date: 8/10/99**End Date: 8/10/99**

Boring Company: Environmental Probing Investigations, Inc.

Foreman: Martin Pepper

Drill Rig: Geoprobe (Hurricane Dual Sampling System)

OBG Geologist: Chawn O'Dell

Screen	=
Riser	
Steel	//

Grout
Sand Pack
Bentonite

[illegible]

The soil boring was backfilled with soil cuttings and bentonite chips.

REPORT OF BORING SB-102

Page 1 of 1
Location:

End Date: 8/10/99

Screen	=		Grout
Riser			Sand Pack
Steel	//		Bentonite

OBG Geologist: Chawn O'Dell

[illegible]

The soil boring was backfilled with soil cuttings and bentonite chips.

REPORT OF BORING SB-103

**Client: GTE Operations Support Incorporated
Former Sylvania Electric Products
Incorporated Facility**

P Loc: Hicksville, NY
F No.: 5816.009

Drill Method:	Geoprobe
Sampler:	2-inch acetate core
Hammer:	NA
Fall:	NA

Page 1 of 1
Location:

Start Date: 8/10/99
End Date: 8/10/99

Boring Company: Environmental Probing Investigations, Inc.
Foreman: Martin Pepper
Drill Rig: Geoprobe (Hurricane Dual Sampling System)
OBG Geologist: Chawn O'Dell

Screen	=		\	Grout
Riser				Sand Pack
Steel	//			Bentonite

[illegible]

Notes: The soil boring was backfilled with soil cuttings and bentonite chips.

REPORT OF BORING SB-104

Page 1 of 1
Location:
Start Date: 8/10/99
End Date: 8/10/99

Screen	=		\	Grout
Riser				Sand Pack
Steel	//			Bentonite

[illegible]

The soil boring was backfilled with soil cuttings and bentonite chips.

Notes: The soil boring was backfilled with soil cuttings and bentonite chips.

**Client: GTE Operations Support Incorporated
Former Sylvania Electric Products
Incorporated Facility**

P Loc: Hicksville, NY

No.: 5816.009

Drill Method:	Geoprobe
Sampler:	2-inch acetate core
Hammer:	NA

Fall: NA

Page 1 of 1

Location:

Start Date: 8/11/99**End Date: 8/11/99**

Boring Company: Environmental Probing Investigations, Inc.

Foreman: Martin Pepper

Drill Rig: Geoprobe (Hurricane Dual Sampling System)

OBG Geologist: Chawn O'Dell

Screen	=
Riser	
Steel	//

Grout	
Sand Pack	
Bentonite	

[illegible]

The soil boring was backfilled with soil cuttings and bentonite chips.

Film badge analytical results



RADIATION DOSIMETRY REPORT

ACCOUNT NO.	SERIES CODE	ANALYTICAL WORK ORDER	REPORT DATE	DOSIMETER RECEIVED	REPORT TIME IN WORK DAYS	PAGE NO.
162833		9921100032	08/09/99	07/30/99	6	1

PARTICIPANT NUMBER	NAME		DOSIMETER	USE	RADIATION QUALITY	DOSE EQUIVALENT (MREM) FOR PERIODS SHOWN BELOW			QUARTERLY ACCUMULATED DOSE EQUIVALENT (MREM)			YEAR TO DATE DOSE EQUIVALENT (MREM)			LIFETIME DOSE EQUIVALENT (MREM)			RECORDS FOR YEAR	INCEPTION DATE (MM/YY)		
	ID NUMBER	BIRTH DATE				SEX	DEEP DDE	EYE LDE	SHALLOW SDE	DEEP DDE	EYE LDE	SHALLOW SDE	DEEP DDE	EYE LDE	SHALLOW SDE	DEEP DDE	EYE LDE			SHALLOW SDE	
FOR MONITORING PERIOD:																					
00000	CONTROL		U	CNTRL																1	06/99
00001			U	RFNGR																1	06/99
00002			U	RFNGR																1	06/99
00003			U	RFNGR																1	06/99
00004			U	RFNGR																1	06/99
00005			U	RFNGR																1	06/99
00006			U	RFNGR																1	06/99
00007			U	RFNGR																1	06/99
00008			U	RFNGR																1	06/99
00009			U	RFNGR																1	06/99
00010			U	RFNGR																1	06/99
FOR MONITORING PERIOD:																					
00000	CONTROL		U	CNTRL																2	06/99
00001			U	RFNGR																2	06/99
00002			U	RFNGR																2	06/99
00003			U	RFNGR																2	06/99
00004			U	RFNGR																2	06/99
00005			U	RFNGR																2	06/99
00006			U	RFNGR																2	06/99
00007			U	RFNGR																2	06/99



RADIATION DOSIMETRY REPORT

ACCOUNT NO.	SERIES CODE	ANALYTICAL WORK ORDER	REPORT DATE	DOSIMETER RECEIVED	REPORT TIME IN WORK DAYS	PAGE NO.
162833		9921100032	08/09/99	07/30/99	6	2

PARTICIPANT NUMBER	NAME		SEX	DOSIMETER	USE	RADIATION QUALITY	DOSE EQUIVALENT (MREM) FOR PERIODS SHOWN BELOW			QUARTERLY ACCUMULATED DOSE EQUIVALENT (MREM)			DOSE EQUIVALENT (MREM) YEAR TO DATE			LIFETIME DOSE EQUIVALENT (MREM)			RECORDS FOR YEAR	INCEPTION DATE (MM/YY)	
	ID NUMBER	BIRTH DATE					DEEP DDE	EYE LDE	SHALLOW SDE	DEEP DDE	EYE LDE	SHALLOW SDE	DEEP DDE	EYE LDE	SHALLOW SDE	DEEP DDE	EYE LDE	SHALLOW SDE			
FOR MONITORING PERIOD:																					
00008				U	RFINGER																2 06/99
00009				U	RFINGER																2 08/99
00010				U	RFINGER																2 06/99
FOR MONITORING PERIOD:																					
00000		CONTROL		U	CNTRL																3 06/99
00001				U	RFINGER																3 08/99
00002				U	RFINGER																3 06/99
00003				U	RFINGER																3 08/99
00004				U	RFINGER																3 06/99
00005				U	RFINGER																3 08/99
00006				U	RFINGER																3 06/99
00007				U	RFINGER																3 08/99
00008				U	RFINGER																3 06/99
00009				U	RFINGER																3 08/99
00010				U	RFINGER																3 06/99
FOR MONITORING PERIOD:																					
00000		CONTROL		P	CNTRL																4 06/99
00001				P	WHBODY																4 07/99
00002				P	WHBODY																4 07/99

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RADIATION DOSIMETRY REPORT

ACCOUNT NO. 162833	SERIES CODE	ANALYTICAL WORK ORDER 9921100032	REPORT DATE 08/09/99	DOSIMETER RECEIVED 07/30/99	REPORT TIME IN WORK DAYS 6	PAGE NO. 3

** LAST PAGE **

PARTICIPANT NUMBER	NAME		DOSIMETER	USE	RADIATION QUALITY	DOSE EQUIVALENT (MREM) FOR PERIODS SHOWN BELOW			QUARTERLY ACCUMULATED DOSE EQUIVALENT (MREM)			DOSE EQUIVALENT (MREM) YEAR TO DATE			DOSE EQUIVALENT (MREM) LIFETIME			RECORDS FOR YEAR	INCEPTION DATE (MM/YY)		
	ID NUMBER	BIRTH DATE				SEX	DEEP DDE	EYE LDE	SHALLOW SDE	DEEP DDE	EYE LDE	SHALLOW SDE	DEEP DDE	EYE LDE	SHALLOW SDE	DEEP DDE	EYE LDE			SHALLOW SDE	
FOR MONITORING PERIOD:																					
00003				P WHBODY		07/01/99	07/31/99	M												4	07/99
00004				P WHBODY				M												4	07/99
00005				P WHBODY				M												4	07/99
00006				P WHBODY				M												4	07/99
00007				P WHBODY				M												4	07/99
00008				P WHBODY				M												4	07/99
00009				P WHBODY				M												4	07/99
00010				P WHBODY				M												4	07/99
				NOTE		UNUSED															

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07/07/2000

Data validation

DATA VALIDATION REPORT

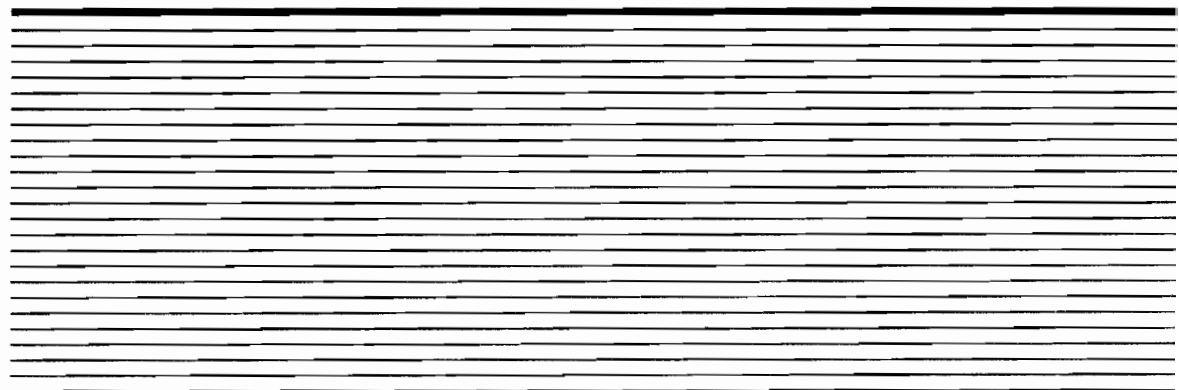
**Former Sylvania Electric Products
Incorporated Facility
Cantiague Rock Road
Hicksville, New York**

GTE Operations Support Incorporated

December 1999



O'BRIEN & GERE
ENGINEERS, INC.



Data Validation Report

Former Sylvania Electric Products Incorporated Facility Cantiague Rock Road Hicksville, New York

Swiatoslav W. Kaczmar, Ph.D., C.I.H.
Vice President, Environmental Toxicology
and Industrial Hygiene

December 1999



O'Brien & Gere Engineers, Inc.
5000 Brittonfield Parkway
Syracuse, New York 13221

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Executive summary

This report addresses data quality for soil and ground water samples collected at the former Sylvania Electric Products Incorporated facility in Hicksville, New York. Sample collection activities were conducted by O'Brien & Gere Engineers, Inc. (O'Brien & Gere) from 7/7/99 to 7/16/99, from 7/19/99 to 7/23/99, and from 8/9/99 to 8/12/99.

The environmental samples collected for this investigation were submitted to O'Brien & Gere Laboratories, Inc. of Syracuse, New York for analysis of volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), metals, mercury, and cyanide using United States Environmental Protection Agency (USEPA) Methods with New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Exhibit E Protocol; and for radiochemistry analyses including gamma spectrometry, gross alpha/gross beta, thorium 228, 230, and 232, and uranium 234, 235, and 238 using Los Alamos National Laboratory (LANL), and United States Department of Energy (USDOE) Methods. The analytical data generated for this investigation were evaluated by O'Brien & Gere using the quality assurance/quality control (QA/QC) criteria established in NYSDEC ASP, USEPA, LANL and USDOE Methods as guidance. Excursions from the QA/QC criteria were qualified based on guidance provided in the USEPA *Region II Contract Laboratory Program (CLP) Organics Data Review*, SOP No. HW-6, Revision #11, the USEPA *Region II Evaluation of Metals Data for the Contract Laboratory Program (CLP)*, the USDOE *Guidance For Radiochemical Data Validation*, RD4, and the Science Applications International Corporation (SAIC) *Laboratory Data Validation Guidelines For Evaluating Radionuclide Analyzes*, 143-ARCS-92.01, Revision 05.

Overall, 100 percent of the metals data and approximately 98.9 percent of the VOC data; 99.6 percent of the SVOC data; and 100 percent of the PCB, metal, cyanide, mercury, and radiochemistry data were determined to be usable for qualitative and quantitative purposes.

1. Introduction

1.1. Sample identification

This report addresses the results of a data quality evaluation for soil and ground water samples collected at the former Sylvania Electric Products Incorporated facility in Hicksville, New York. Sample collection activities were conducted by O'Brien & Gere Engineers, Inc. (O'Brien & Gere) from 7/7/99 to 7/16/99, from 7/19/99 to 7/23/99, and from 8/9/99 to 8/12/99. The quantity and types of samples that were submitted for data validation are presented in Table 1-1 below.

Table 1-1. Sample cross reference list

Package Identification	Date Collected	Sample Identification		
		Client ID	Laboratory ID	Analysis Requested
July 7, 1999 - July 23, 1999	7/7/99	SB-03 (12-18")	M6195	Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids
July 7, 1999 - July 23, 1999	7/7/99	SB-03 (18-24")	M6196	Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids
July 7, 1999 - July 23, 1999	7/7/99	SB-04A (2-3")	M6197	Gross alpha, Gross beta, Gamma Spectrometry, Thorium, Uranium, Percent Solids
July 7, 1999 - July 23, 1999	7/7/99	SB-04A (3-4")	M6198	Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids
July 7, 1999 - July 23, 1999	7/7/99	SB-04A (4-5")	M6199	Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids
July 7, 1999 - July 23, 1999	7/7/99	SB-04A (5-6")	M6200	Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids
July 7, 1999 - July 23, 1999	7/7/99	SB-04A (6-15")	M6201	Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids
July 7, 1999 - July 23, 1999	7/7/99	SB-04B (0-6")	M6202	Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids

Table 1-1. Sample cross reference list

Package Identification	Date Collected	Sample Identification			Analysis Requested
		Client ID	Laboratory ID		
July 7, 1999 - July 23, 1999	7/8/99	SB-09 (24-36")	M6401		Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids
July 7, 1999 - July 23, 1999	7/9/99	SB-11 (72-96")	M6543		Pesticide/PCBs, Percent Solids
July 7, 1999 - July 23, 1999	7/9/99	SB-12 (120-144")	M6544		Gross alpha, Gross beta, Gamma Spectrometry, VOCs, SVOCs, Pesticide/PCBs, Mercury, Cyanide, Percent Solids
July 7, 1999 - July 23, 1999	7/9/99	SB-13 (0-24")	M6545		VOCs, Percent Solids
July 7, 1999 - July 23, 1999	7/9/99	SB-13 (120-144")	M6546		Gross alpha, Gross beta, Gamma Spectrometry, VOCs, SVOCs, Pesticide/PCBs, Mercury, Cyanide, Percent Solids
July 7, 1999 - July 23, 1999	7/9/99	SB-10B (48-72")	M6547		Gross alpha, Gross beta, Gamma Spectrometry, VOCs, SVOCs, Pesticide/PCBs, Mercury, Cyanide, Percent Solids
July 7, 1999 - July 23, 1999	7/9/99	SB-14 (96-132")	M6548		Gross alpha, Gross beta, Gamma Spectrometry, VOCs, SVOCs, Pesticide/PCBs, Mercury, Cyanide, Percent Solids
July 7, 1999 - July 23, 1999	7/9/99	SB-09 (0-12")	M6553		Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids
July 7, 1999 - July 23, 1999	7/9/99	SB-09 (12-24")	M6554		Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids
July 7, 1999 - July 23, 1999	7/9/99	SB-09 (24-36")	M6555		Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids
July 7, 1999 - July 23, 1999	7/9/99	SB-09 (36-48")	M6556		Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids
July 7, 1999 - July 23, 1999	7/9/99	SB-09C (48-60")	M6557		Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids
July 7, 1999 - July 23, 1999	7/9/99	SB-09C (60-72")	M6558		Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids
July 7, 1999 - July 23, 1999	7/9/99	SB-09E (0-12")	M6559		Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids, Thorium, Uranium

Table 1-1. Sample cross reference list

Package Identification	Date Collected	Sample Identification		
		Client ID	Laboratory ID	Analysis Requested
July 7, 1999 - July 23, 1999	7/10/99	SB-15 (48-66")	M6908	Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids
July 7, 1999 - July 23, 1999	7/10/99	SB-15 (66-84")	M6909	Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids
July 7, 1999 - July 23, 1999	7/10/99	SB-15 (144-159")	M6910	Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids
July 7, 1999 - July 23, 1999	7/10/99	SB-15 (159-174")	M6898	Gross alpha, Gross beta, Gamma Spectrometry, SVOCs, Mercury, Cyanide, Percent Solids
July 7, 1999 - July 23, 1999	7/10/99	SB-15 (96-108")	M6911	Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids
July 7, 1999 - July 23, 1999	7/10/99	SB-15 (108-120")	M6912	Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids
July 7, 1999 - July 23, 1999	7/10/99	SB-16 (0-12")	M6913	Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids
July 7, 1999 - July 23, 1999	7/10/99	SB-16 (12-30")	M6914	Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids
July 7, 1999 - July 23, 1999	7/10/99	SB-16 (30-42")	M6915	Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids
July 7, 1999 - July 23, 1999	7/10/99	SB-16 (48-60")	M6916	Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids
July 7, 1999 - July 23, 1999	7/10/99	SB-16 (60-72")	M6917	Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids
July 7, 1999 - July 23, 1999	7/10/99	SB-16 (72-96")	M6918	Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids
July 7, 1999 - July 23, 1999	7/10/99	SB-16 (108-132")	M6919	Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids
July 7, 1999 - July 23, 1999	7/10/99	SB-16 (168-192")	M6899	SVOCs, Mercury, Cyanide, Percent Solids
July 7, 1999 - July 23, 1999	7/10/99	SB-17A (18-36")	M6920	Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids
July 7, 1999 - July 23, 1999	7/10/99	SB-17A (36-46")	M6921	Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids
July 7, 1999 - July 23, 1999	7/10/99	SB-17A (30-36")	M6922	VOCs, Percent Solids

Table 1-1. Sample cross reference list

Package Identification	Date Collected	Sample Identification		
		Client ID	Laboratory ID	Analysis Requested
July 7, 1999 - July 23, 1999	7/11/99	SB-25 (0-18")	M6932	Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids
July 7, 1999 - July 23, 1999	7/11/99	SB-25 (18-30")	M6933	Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids
July 7, 1999 - July 23, 1999	7/12/99	BK-1 (0-3")	M6950	Mercury, Cyanide, Percent Solids
July 7, 1999 - July 23, 1999	7/12/99	BK-2 (0-3")	M6951	Mercury, Cyanide, Percent Solids
July 7, 1999 - July 23, 1999	7/12/99	BK-2 (84-96")	M6952	Gross alpha, Gross beta, Gamma Spectrometry, Mercury, Cyanide, Percent Solids
July 7, 1999 - July 23, 1999	7/12/99	BK-1 (68-88")	M6953	Gross alpha, Gross beta, Gamma Spectrometry, SVOCs, Mercury, Cyanide, Percent Solids
July 7, 1999 - July 23, 1999	7/12/99	SB-27 (28-42")	M6954	Gross alpha, Gross beta, Gamma Spectrometry, SVOCs, Mercury, Cyanide, Percent Solids
July 7, 1999 - July 23, 1999	7/12/99	SB-32 (15-33")	M6955	Gross alpha, Gross beta, Gamma Spectrometry, SVOCs, Mercury, Cyanide, Percent Solids
July 7, 1999 - July 23, 1999	7/12/99	SB-35 (120-144")	M6956	SVOCs, Pesticide/PCBs, Mercury, Cyanide, Percent Solids
July 7, 1999 - July 23, 1999	7/12/99	SB-28 (32-46")	M6957	Gross alpha, Gross beta, Gamma Spectrometry, SVOCs, Mercury, Cyanide, Percent Solids
July 7, 1999 - July 23, 1999	7/12/99	SB-29 (30-42")	M6958	Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids
July 7, 1999 - July 23, 1999	7/12/99	SB-30A (8-27")	M6959	Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids
July 7, 1999 - July 23, 1999	7/12/99	SB-30B (20-33")	M6960	Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids
July 7, 1999 - July 23, 1999	7/12/99	SB-31 (24-30")	M6961	Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids
July 7, 1999 - July 23, 1999	7/12/99	SB-33 (24-36")	M6962	Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids

Table 1-1. Sample cross reference list

Package Identification	Date Collected	Sample Identification			Analysis Requested
		Client ID	Laboratory ID		
July 7, 1999 - July 23, 1999	7/13/99	SB-37 (168-192")	M7079		Uranium, Thorium, VOCs, SVOCs, Pesticide/PCBs, Mercury, Cyanide, Percent Solids
July 7, 1999 - July 23, 1999	7/13/99	SB-40 (80-90")	M7080		SVOCs, Mercury, Cyanide, Percent Solids
July 7, 1999 - July 23, 1999	7/13/99	SB-41 (100-108")	M7081		SVOCs, Mercury, Cyanide, Percent Solids
July 7, 1999 - July 23, 1999	7/13/99	SB-42 (96-117")	M7082		SVOCs, Mercury, Cyanide, Percent Solids
July 7, 1999 - July 23, 1999	7/13/99	SB-43 (66-84")	M7083		SVOCs, Mercury, Cyanide, Percent Solids
July 7, 1999 - July 23, 1999	7/13/99	SB-44 (48-72")	M7084		VOCs, SVOCs, Mercury, Cyanide, Percent Solids
July 7, 1999 - July 23, 1999	7/14/99	SB-45 (72-78")	M7210		Gross alpha, Gross beta, Gamma Spectrometry, Thorium, Uranium, Percent Solids
July 7, 1999 - July 23, 1999	7/14/99	SB-23B (108-120")	M7211		Gross alpha, Gross beta, Gamma Spectrometry, Thorium, Uranium, Percent Solids
July 7, 1999 - July 23, 1999	7/14/99	SB-45 (202-212")	M7212		Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids
July 7, 1999 - July 23, 1999	7/14/99	SB-45 (212-222")	M7213		VOCs, SVOCs, Mercury, Cyanide, Percent Solids
July 7, 1999 - July 23, 1999	7/14/99	SB-47 (116-136")	M7214		VOCs, SVOCs, Mercury, Cyanide, Percent Solids
July 7, 1999 - July 23, 1999	7/14/99	SB-48 (96-114")	M7215		VOCs, SVOCs, Mercury, Cyanide, Percent Solids
July 7, 1999 - July 23, 1999	7/14/99	SB-49 (144-156")	M7216		Uranium, Thorium, VOCs, Percent Solids
July 7, 1999 - July 23, 1999	7/14/99	SB-50 (144-156")	M7217		VOCs, Percent Solids
July 7, 1999 - July 23, 1999	7/15/99	SB-51 (72-84")	M7485		Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids
July 7, 1999 - July 23, 1999	7/15/99	SB-53 (12-24")	M7486		Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids

Table 1-1. Sample cross reference list

Package Identification	Date Collected	Sample Identification		
		Client ID	Laboratory ID	Analysis Requested
July 7, 1999 - July 23, 1999	7/19/99	SB-67 (72-88")	M7619	VOCs, Percent Solids
July 7, 1999 - July 23, 1999	7/19/99	SB-69 (168-180")	M7615	SVOCs, Pesticide/PCBs, Mercury, Cyanide, Percent Solids
July 7, 1999 - July 23, 1999	7/19/99	SB-66 (144-156")	M7616	SVOCs, Mercury, Cyanide, Percent Solids
July 7, 1999 - July 23, 1999	7/19/99	SB-68 (84-94")	M7617	SVOCs, Mercury, Cyanide, Percent Solids
July 7, 1999 - July 23, 1999	7/19/99	SB-64 (96-108")	M7618	SVOCs, Percent Solids
July 7, 1999 - July 23, 1999	7/20/99	SB-71 (18-30")	M7664	Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids
July 7, 1999 - July 23, 1999	7/20/99	SB-72 (72-78")	M7665	Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids
July 7, 1999 - July 23, 1999	7/20/99	SB-71 (66-72")	M7666	Gross alpha, Gross beta, Gamma Spectrometry, Uranium, Thorium, Percent Solids
July 7, 1999 - July 23, 1999	7/20/99	BLD DUP [SB-71 (66-72")]	M7667	Gross alpha, Gross beta, Gamma Spectrometry, Uranium, Thorium, Percent Solids
July 7, 1999 - July 23, 1999	7/20/99	SB-76 (48-64")	M7668	Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids
July 7, 1999 - July 23, 1999	7/20/99	SB-77 (126-132")	M7669	Gross alpha, Gross beta, Gamma Spectrometry, Uranium, Thorium, Percent Solids
July 7, 1999 - July 23, 1999	7/20/99	SB-72 (48-60")	M7670	SVOCs, Mercury, Cyanide, Percent Solids
July 7, 1999 - July 23, 1999	7/20/99	SB-71 (144-160")	M7671	VOCs, SVOCs, Mercury, Cyanide, Percent Solids
July 7, 1999 - July 23, 1999	7/20/99	SB-73 (168-192")	M7672	VOCs, SVOCs, Mercury, Cyanide, Percent Solids
July 7, 1999 - July 23, 1999	7/20/99	SB-74 (168-192")	M7673	VOCs, Percent Solids
July 7, 1999 - July 23, 1999	7/20/99	SB-75 (168-180")	M7674	VOCs, SVOCs, Mercury, Cyanide, Percent Solids

Table 1-1. Sample cross reference list

Package Identification	Date Collected	Sample Identification		
		Client ID	Laboratory ID	Analysis Requested
July 7, 1999 - July 23, 1999	7/22/99	SB-85B (156-168")	M7884	VOCs, SVOCs, Mercury, Cyanide, Percent Solids
July 7, 1999 - July 23, 1999	7/22/99	SB-86 (168-180")	M7885	VOCs, SVOCs, Mercury, Cyanide, Percent Solids
July 7, 1999 - July 23, 1999	7/22/99	SB-87 (156-180")	M7886	VOCs, SVOCs, Mercury, Cyanide, Percent Solids
July 7, 1999 - July 23, 1999	7/22/99	BLD DUP [SB-87 (156-180")]	M7887	VOCs, SVOCs, Mercury, Cyanide, Percent Solids
July 7, 1999 - July 23, 1999	7/22/99	SB-88 (168-192")	M7888	VOCs, SVOCs, Mercury, Cyanide, Percent Solids
July 7, 1999 - July 23, 1999	7/22/99	SB-89 (168-192")	M7889 (MS, MSD)	Uranium, Thorium, VOCs, SVOCs, Mercury, Cyanide, Percent Solids
July 7, 1999 - July 23, 1999	7/22/99	SB-90 (144-168")	M7890	VOCs, SVOCs, Mercury, Cyanide, Percent Solids
July 7, 1999 - July 23, 1999	7/22/99	SB-91 (174-192")	M7891	VOCs, SVOCs, Mercury, Cyanide, Percent Solids
July 7, 1999 - July 23, 1999	7/23/99	SB-92 (168-192")	M8030 (MS, MSD)	VOCs, SVOCs, Mercury, Cyanide, Percent Solids
July 7, 1999 - July 23, 1999	7/23/99	SB-93 (168-192")	M8031	VOCs, SVOCs, Mercury, Cyanide, Percent Solids
July 7, 1999 - July 23, 1999	7/23/99	SB-94 (72-96")	M8032	VOCs, SVOCs, Mercury, Cyanide, Percent Solids
July 7, 1999 - July 23, 1999	7/23/99	SB-95 (72-90")	M8033	VOCs, SVOCs, Mercury, Cyanide, Percent Solids
July 7, 1999 - July 23, 1999	7/23/99	BLD DUP [SB-95 (72-90")]	M8034	VOCs, SVOCs, Mercury, Cyanide, Percent Solids
July 7, 1999 - July 23, 1999	7/23/99	SB-96 (72-84")	M8035	VOCs, SVOCs, Mercury, Cyanide, Percent Solids
July 7, 1999 - July 23, 1999	7/23/99	SB-97 (168-192")	M8036	VOCs, SVOCs, Pesticide/PCBs, Mercury, Cyanide, Percent Solids
August 8, 9, 10, 11, and 12, 1999	8/9/99	SB-98 (6-12")	M9312	Gross alpha, Gross beta, Percent Solids
August 8, 9, 10, 11, and 12, 1999	8/9/99	SB-98 (12-24")	M9313	Gross alpha, Gross beta, Percent Solids

Table 1-1. Sample cross reference list

Package Identification	Date Collected	Sample Identification			Analysis Requested
		Client ID	Laboratory ID		
August 8, 9, 10, 11, and 12, 1999	8/11/99	SB-106 (60-72")	M9414		Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids
August 8, 9, 10, 11, and 12, 1999	8/11/99	SB-107 (84-96")	M9415		Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids
August 8, 9, 10, 11, and 12, 1999	8/11/99	SB-108 (84-96")	M9418		Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids
August 8, 9, 10, 11, and 12, 1999	8/11/99	SB-109 (84-96")	M9421		Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids
August 8, 9, 10, 11, and 12, 1999	8/11/99	SB-105 (30-40")	M9422		Gross alpha, Gross beta, Gamma Spectrometry, Percent Solids
August 8, 9, 10, 11, and 12, 1999	8/11/99	SB-105 (54-60")	M9423		Gross alpha, Gross beta, Gamma Spectrometry, VOCs, SVOCs, Mercury, Cyanide, Percent Solids
August 8, 9, 10, 11, and 12, 1999	8/11/99	SB-105 (70-76")	M9424		Gross alpha, Gross beta, Gamma Spectrometry, VOCs, SVOCs, Mercury, Cyanide, Percent Solids
August 8, 9, 10, 11, and 12, 1999	8/11/99	SB-108 (40-60")	M9417 (MS, MSD)		VOCs, Percent Solids
August 8, 9, 10, 11, and 12, 1999	8/11/99	SB-106 (48-60")	M9419		VOCs, Percent Solids
August 8, 9, 10, 11, and 12, 1999	8/11/99	SB-109 (48-60")	M9420		VOCs, Percent Solids
August 8, 9, 10, 11, and 12, 1999	8/11/99	HG-W-24D	M9425		Gross alpha, Gross beta, Thorium, Uranium, VOCs, SVOCs, Mercury, Cyanide
August 8, 9, 10, 11, and 12, 1999	8/11/99	HG-W-24	M9426		Gross alpha, Gross beta, Thorium, Uranium, VOCs, SVOCs, Mercury, Cyanide
August 8, 9, 10, 11, and 12, 1999	8/11/99	HG-W-25/FF	M9427/M9430		Gross alpha, Gross beta, Thorium, Uranium, VOCs, SVOCs, Mercury, Cyanide
August 8, 9, 10, 11, and 12, 1999	8/11/99	MW-1	M9428		Gross alpha, Gross beta, Thorium, Uranium, VOCs, SVOCs, Mercury, Cyanide
August 8, 9, 10, 11, and 12, 1999	8/11/99	TRIP BLANK	M9429		VOCs

report outlines deviations from the applicable QC criteria outlined in the following documents:

- APHA, AWWA, WPCF. 1992. *Standard Methods for the Examination of Water and Wastewater*, 18th Edition, Washington, D.C.
- Los Alamos National Laboratory (LANL). 1995. *Health and Environmental Chemistry: Analytical Techniques, Data Management, and Quality Assurance*, LA-10300-M, Vol.II, Los Alamos, New Mexico.
- New York State Department of Conservation (NYSDEC). 1995. *Analytical Services Protocol (ASP)*, October 1995 Revisions. Albany, NY.
- O'Brien & Gere Engineers, Inc. 1999. *Former Sylvania Electric Products Incorporated Facility Cantiague Rock Road, Hicksville, New York*, Syracuse, New York.
- United States Department of Energy (USDOE). 1990. *Environmental Measurements Laboratory (EML) Procedures Manual*, 27th Edition, Volume I, New York, New York.
- United States Environmental Protection Agency (USEPA). 1980. *Prescribed Procedures for the Measurement of Radioactivity in Drinking Water*, EPA-600/4-80-032. Washington D.C.

Excursions from the QA/QC criteria were qualified based on guidance provided in the following documents:

- Science Applications International Corporation (SAIC). 1992. *Laboratory Data Validation Guidelines For Evaluating Radionuclide Analyzes*, 143-ARCS-92.01, Revision 05, Oak Ridge, Tennessee.
- USDOE. 1995. *Guidance For Radiochemical Data Validation*, RD4, Gaithersburg, Maryland.
- USEPA. 1992b. *USEPA Region II Evaluation of Metals Data for the CLP 3/90*. New York, NY.
- USEPA. 1996. *USEPA Region II CLP Organics Data Review, SOP No. HW-6, Revision #11*. New York, NY.

2. Data validation protocols

2.1. Sample analysis parameters

The validation of analyses for this project utilized guidance presented in the QAPP (O'Brien & Gere 1990), the analytical methodology, and the data validation guidelines referenced in Chapter 1 herein.

The following QA/QC parameters were evaluated for the VOC and SVOC analyses:

- Holding times, sample preservation, and percent solids,
- GC/MS tuning criteria,
- Initial and continuing calibration,
- Blank analysis,
- Surrogate recovery,
- Matrix spike/matrix spike duplicate (MS/MSD) analysis,
- Field duplicate analysis,
- Laboratory control sample (LCS) and matrix spike blank analysis,
- Internal standards performance,
- Analyte identification, quantitation, and reported detection limits,
- System performance, and
- Documentation completeness.

The following QA/QC parameters were evaluated for the PCB analyses:

- Holding times, sample preservation, and percent solids,
- Analytical sequence,
- Initial and continuing calibration,
- Blank analysis,
- Surrogate recovery,
- MS/MSD analysis,
- Field duplicate analysis,
- LCS and matrix spike blank analysis,
- Analyte identification, quantitation, and reported detection limits,

2.2. Data validation qualifiers

The following guidelines are used regarding the assignment of qualifiers and the use of qualified data:

- The data quality evaluation results in only one qualifier for each analyte; in a case when several qualifiers are applicable to the same analyte, the cumulative effect of the various QA/QC excursions is employed in assigning the final data qualifier.
- QA/QC excursions which do not result in the qualification of an analyte, or which result in additional qualification if the analyte was previously qualified, are not discussed.
- The use of approximated analytical data for quantitative uses is consistent with the guidance presented in the *USEPA Risk Assessment Guidance for Superfund* (USEPA 1992a).

The following qualifiers have been used in this data validation.

- "R" Indicates that the reporting limit or sample result has been determined to be unusable due to a major deficiency in the data generation process. The data should not be used for any qualitative or quantitative purposes. For radiochemistry, the result is not usable for the intended purpose.
- "U" Indicates that the analyte was analyzed for, but was not detected. The sample quantitation limit is presented. This qualifier is also used to signify that the detection limit of an analyte was raised due to blank contamination. For radiochemistry data, this qualifier indicates that the result is so uncertain that it is not appropriate to make numerical decision based on its value.
- "J" Indicates that the result should be considered approximate. This qualifier is used when the data validation process identifies a deficiency in the data generation process. This qualifier is also applied when the analyte concentration was greater than the method detection limit (MDL) but less than the reporting limit (RL). For radiochemistry, an unusually uncertain result is assigned a J qualifier.
- "JI" Indicates that the result should be considered approximate due to the presence of peak interferences in the gamma spectrometry data.

3. Data quality evaluation

3.1. Summary

This chapter summarizes the QA/QC parameters, validation criteria, and qualifications performed on the sample data when the QA/QC parameters specified in Chapter 2 did not meet criteria. Samples that required qualification are described in the following sections, and are identified by the description documented on the sample chain-of-custody records.

3.2. Document completeness

The cooler temperature for the samples received 7/23/99 was not recorded by the laboratory. The sample custodian indicated that, although not documented, the cooler temperature was within the required temperature of $4^{\circ}\text{C} \pm 2^{\circ}\text{C}$.

Samples collected 7/10/99 and 7/11/99 were received by the laboratory on 7/13/99 since the samples were kept in the field until 7/12/99. While in the field, the samples were kept in a secured area and in a cooler that contained ice. This was documented in the case file in a memo dated 11/1/99.

Approximately twenty transcription errors between the raw data and the sample results were detected in the gamma spectrometry data. The errors were corrected during the data validation process.

3.3. VOC analyses

Table 3-2. Blank excursions for VOC analyses

Blank ID	Analyte	Detected Concentration	Affected Sample Results	Action
PB071599S1/S3	methylene chloride	1.1 $\mu\text{g/Kg}$	SB10B(48-72")	5U
Trip Blank (8/11/99)	methylene chloride	0.2 $\mu\text{g/L}$	SB105(70-76")	37U
Equipment Blank	methylene chloride	0.1 $\mu\text{g/L}$	MW-3	4U
Trip Blank (8/12/99)	methylene chloride	0.1 $\mu\text{g/L}$	MW-3	4U

Note: PB indicates method (preparation) blank.

3.3.4. Surrogate recovery

The surrogate recoveries for several samples were outside of the method control limits. As a result, the target analytes in the samples were qualified as approximate (UJ,J). The following table presents the target analytes qualified as a result of surrogate excursions:

Table 3-3. Surrogate excursions for VOC analyses

Sample ID	Surrogate	Excursion	Affected analytes	Action
SB-54(96-120")	p-bromofluorobenzene	51%R	VOCs with the exception of tetrachloroethene	UJ,J
BLDDUP [SB-65(125-135")DL	1,2-dichloroethane-d4 toluene-d8	66%R 83%R	tetrachloroethene	J
SB-67(72-88")DL	toluene-d8	79%R	tetrachloroethene	J

Note: %R indicates percent recovery.

DL indicates dilution analysis was performed.

3.3.5. MS/MSD analysis

The criterion for the analysis of trichloroethene in one MS/MSD sample was exceeded. As a result of the MS/MSD excursion, the target analyte in the sample associated with the MS/MSD was qualified as approximate (J). The following table presents the target analyte qualified as a result of the MS/MSD excursion:

Table 3-5. Initial calibration excursions for VOC analyses

Initial Calibration ID	Analyte	Excursion	Affected Samples	Action
7/22/99	methylene chloride	38.4 %RSD	SB-63(140-16") SB-73(168-192") SB-74(168-192") SB-75(168-180") SB-76(168-192") SB-77(156-180") SB-78(68-89") SB-78(175-189") SB-85(72-91") SB-81(174-186") SB-82(180-192") SB-83(72-96") SB-84(72-96") SB-80(180-192") SB-79(144-156") SB-80(24-44") SB-85B(156-168") SB-86(168-180") SB-87(168-180") SB-88(168-192") SB-89(168-192") BLDDUP[SB-87(156-180") SB-91(174-192") SB-90(144-168") SB-71(144-160") SB-92(168-192") SB-93(168-192") SB-94(72-96") SB-95(72-90") BLDDUP[SB-95(72-90")] SB-96(72-84") SB-97(168-192")	UJ

Table 3-6. Continuing calibration excursions for VOC analyses

Continuing calibration ID	Analyte	Excursion	Affected Sample	Action
7/12/99 (J4831)	2-butanone	33.1 %D	SB-05(96-120") SB-06(0-24") SB-12(120-144") SB-13(120-144")	UJ
7/15/99 (J4904)	acetone 2-butanone 2-hexanone	30.8 %D 41.5 %D 31.7 %D	SB-10B(48-72") SB-14(96-132")	UJ
7/16/99 (J4945)	2-butanone	29.6 %D	SB-18(48-96") SB-20(72-90") SB-23B(160-177") SB-37(168-192") SB-44(48-72")	UJ
7/20/99 (J4998)	acetone bromomethane 2-butanone 4-methyl-2-pentanone 2-hexanone	54 %D 36.8 %D 69.7 %D 35.1 %D 58.7 %D	SB-48(96-114") SB-50(144-156") SB-54(96-120") SB-49B(18-20")	UJ,J
7/26/99 (J5090)	methylene chloride	27.7 %D	SB-73(168-192") SB-74(168-192") SB-75(168-180") SB-76(168-192") SB-77(156-180") SB-78(68-89") SB-78(175-189") SB-85(72-91")	UJ
7/19/99 (J4961)	bromomethane	29.8 %D	SB-13(0-24") SB-37(48-60") SB-45(212-222")	UJ
7/26/99 (J5111)	1,1,2,2-tetrachloroethane	26.9 %D	SB-81(174-186") SB-82(180-192") SB-83(72-96") SB-84(72-96")	UJ
7/29/99 (J5195)	2-butanone	25.4 %D	SB-91(174-192") SB-90(144-168") SB-71(144-160")	UJ,J
8/3/99 (M5245)	acetone 2-butanone	25.6 %D 29.4 %D	SB-97(168-192")	UJ
7/22/99 (G5251)	2-butanone	0.048 RRF	SB-49(144-156")	R
8/3/99 (G5345)	bromomethane	30.3 %D	SB-24(66-84")	UJ

Table 3-7. LCS or matrix spike blank excursions for VOC analyses

LCS ID	Analyte	Excursion	Affected Samples	Action
L072699S3	1,1-dichloroethene	87 %R	SB-73(168-192")	UJ
	trans-1,2-dichloroethene	85 %R	SB-74(168-192")	
	benzene	88 %R	SB-75(168-180")	
	toluene	90 %R	SB-76(168-192")	
			SB-77(156-180")	
L072699S4	1,1-dichloroethene	88 %R	SB-81(174-186")	UJ
	trans-1,2-dichloroethene	86 %R	SB-82(180-192")	
	trichloroethene	89 %R	SB-83(72-96")	
	toluene	89 %R	SB-84(72-96")	
L072799S1	1,1-dichloroethene	88 %R	SB-80(180-192")	UJ
	methylene chloride	76 %R	SB-79(144-156")	
	trans-1,2-dichloroethene	85 %R		
	benzene	89 %R		
	toluene	89 %R		
L072899S4	methylene chloride	78 %R	SB-86(168-180")	UJ
			SB-80(24-44")	
			SB-85B(156-168")	
			SB-87(156-180")	
			SB-88(168-192")	
			SB-89(168-192")	
L072999S1	methylene chloride	75 %R	SB-91(174-192")	
			SB-90(144-168")	
			SB-71(144-160")	

Note:

L indicates LCS.

%R indicates percent recovery.

3.3.9. Internal standards performance

The recoveries for several internal standards in samples analyzed for VOCs were lower than the control limits. Repeated analyses confirmed the internal standard excursions. In accordance with NYSDEC Region II data validation guidelines, the results for target analytes associated with internal standard area recoveries greater than 25% but less than the lower control limit were qualified as approximate, and the results for target analytes associated with internal standard area recoveries less than 25% were rejected. The internal standard areas excursions are summarized in the following table:

Table 3-9. Analytes reported from diluted VOC analyses

Sample ID	Reason for dilution
SB-24(48-60") combined	High concentration of target analytes
SB-17A(30-36") medium	High concentration of target analytes
SB-24(66-84") combined, medium	High concentration of target analytes
SB-47(116-136") medium	High concentration of target analytes
SB-54(96-120") combined, medium	High concentration of target analytes
SB-49(144-156") medium	High concentration of target analytes
BLDDUP[SB65(125-135)] combined, medium	High concentration of target analytes
SB-64(98-108") medium	High concentration of target analytes
SB-67(72-88") combined, medium	High concentration of target analytes
SB-79(144-156") combined	High concentration of target analytes
SB-80(24-44")	High concentration of target analytes
TW-1 combined	High concentration of target analytes
TW-2 combined	High concentration of target analytes
TW-3 combined	High concentration of target analytes
TW-4	High concentration of target analytes
TW-5	High concentration of target analytes
SB-106(48-60") combined	High concentration of target analytes
SB-105(54-60") combined, medium	High concentration of target analytes
SB-105(70-76") combined, medium	High concentration of target analytes
MW-1	High concentration of target analytes
MW-2	High concentration of target analytes
MW-5	High concentration of target analytes
MW-3	High concentration of target analytes
MW-4	High concentration of target analytes
BLDDUP[MW-5]	High concentration of target analytes
Drum composite	High concentration of target analytes

Note:

Combined indicates that the results from two dilutions were combined together and reported for that sample.

Medium level indicates that the medium level soil analysis was performed on the sample.

Table 3-10. Continuing calibration excursions for SVOC analyses

Continuing calibration ID	Analyte	Excursion	Affected Sample Results	Action
7/23/99 (F1522)	hexachlorocyclopentadiene	64.7 %D	SB-40(80-90") SB-41(100-108") SB-42(96-117") SB-43(66-84") SB-44(48-72") SB-45(212-222") SB-47(116-136") SB-48(96-114") SB-22(48-96") SB-19(48-96")	UJ
7/26/99 (F1541)	hexachlorocyclopentadiene pyrene 3,3'-dichlorobenzidine di-n-octyl phthalate	60.6 %D 26.9 %D 34.7 %D 34.6 %D	SB-55(72-96") SB-56(72-96") SB-57(72-96") SB-59(120-144") SB-49B(18-20") SB-32(15-33")	UJ
7/27/99 (F1561)	hexachlorocyclopentadiene 3,3'-dichlorobenzidine di-n-octyl phthalate	67.9 %D 32.7 %D 25.1 %D	SB-54(96-120")	UJ
7/28/99 (F1579)	hexachlorocyclopentadiene	48.5 %D	SB-63(14-16")	UJ
7/29/99 (F1599)	pentachlorophenol	25.4 %D	SB-69(168-180") SB-65(125-135") BLDDUP[SB-65(125-135")] SB-66(144-156") SB-68(84-94") SB-71(144-160") SB-73(168-192") SB-75(168-180") SB-76(168-192") SB-77(156-180") SB-72(48-60") SB-64(96-108")	UJ
7/30/99 (F1613)	benzo(g,h,i)perylene	30.3 %D	SB-78(175-189")	UJ
8/2/99 (F1632)	2,2'-oxybis(1-chloropropane) benzo(g,h,i)perylene	25.3 %D 30.3 %D	SB-80(180-192") SB-81(174-186") SB-83(72-96")	UJ
8/3/99 (F1651)	2,2'-oxybis(1-chloropropane) pentachlorophenol	25.5 %D 33.6 %D	SB-79(144-156") SB-82(180-192") SB-84(72-96") SB-85(72-91") SB-85B(156-168") SB-86(168-180") SB-87(156-180") BLDDUP[SB-87(156-180")] SB-06(0-24")	UJ

Table 3-11. Blank excursions for SVOC analyses

Blank ID	Analyte	Detected Concentration	Affected Sample Results	Action
PB081799S1	bis(2-ethyl hexyl) phthalate	51 μ g/Kg	SB-105(70-76")	350U

Note:
PB indicates method (preparation) blank.

3.4.4. LCS analysis

The recoveries for analytes in the LCSs analyzed for this investigation were outside of the laboratory control limits. As a result of these excursions the results were qualified as approximate (UJ,J). The following table presents the target analytes qualified as a result of the LCS excursions:

Table 3-12. LCS excursions for SVOC analyses

LCS ID	Analyte	Excursion	Affected Sample	Action
L070999S1	2,4-dinitrophenol	25 %R	SB-05(96-120")	UJ
L071499S2	indeno(1,2,3-cd)pyrene	58 %R	SB-07(156-180") SB-08(168-192") SB-12(120-144") SB-13(120-144") SB-10B(48-72") SB-14(96-132") SB-15(159-174") SB-16(168-192") SB-18(48-96") SB-20(72-90") SB-23B(160-177") SB-24(66-84") BK-1(68-88") SB-27(28-42") SB-32(15-33")	UJ

Table 3-12. LCS excursions for SVOC analyses

LCS ID	Analyte	Excursion	Affected Sample	Action
L072899S1	2,4-dinitrophenol	21 %R	SB-85B(156-168") SB-86(168-180") SB-87(156-180") BLDDUP[SB-87(156-180")]	UJ

Note:

%R indicates percent recovery.

3.4.5. Internal standards performance

The recoveries for internal standards in samples analyzed for SVOCs were lower than the lower control limit. Repeated analyses confirmed the internal standard excursions. In accordance with NYSDEC Region II data validation guidelines, the results for target analytes associated with internal standard area recoveries greater than 25% but less than the lower control limit were qualified as approximate, and the results for target analytes associated with internal standard area recoveries less than 25% were rejected. The internal standard areas excursions are summarized in the following table:

Table 3-13. Internal standard area excursions for SVOC analyses

Sample ID	Internal standard	Analyte	Action
SB-24(66-84")	phenanthrene-d10 chrysene-d12 perylene-d12	For affected analytes see below	UJ,J, *R (7)
SB-18(48-96")	perylene-d12	For affected analytes see below	UJ
SB-06(0-24")RE	chrysene-d12 perylene-d12	For affected analytes see below	UJ,J
SB-24(48-60")RE	chrysene-d12 perylene-d12	For affected analytes see below	UJ,J, *R (2)
SB-47(116-136")	phenanthrene-d10 chrysene-d12 perylene-d12	For affected analytes see below	UJ,J, *R (7)
SB-22(48-96")	perylene-d12	For affected analytes see below	UJ
SB-19(48-96")	phenanthrene-d10 perylene-d12	For affected analytes see below	UJ
SB-54(96-120")RE	1,4-dichlorobenzene-d4 chrysene-d12 perylene-d12	For affected analytes see below	UJ,J, *R (3)
SB-72(48-60")	perylene-d12	For affected analytes see below	UJ

The results for benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, indeno(1,2,3-cd)pyrene, and benzo(g,h,i)perylene in sample SB-54(96-120") which were reported by the laboratory as detected concentrations were corrected to the detection limit values due to a laboratory transcription error.

3.5. PCB analyses

3.5.1. Criteria

The QA/QC parameters presented in Section 2.1 for were applied to environmental samples listed in Table 1-1.

The following QA/QC parameters were found to meet validation criteria:

- Holding times, sample preservation, and percent solids,
- Analytical sequence,
- Initial and continuing calibration,
- Blank analysis,
- Surrogate recovery,
- MS/MSD analysis,
- Field duplicate analysis,
- LCS and matrix spike blank analysis,
- Analyte quantitation,
- System performance.

Deviations from QA/QC criteria presented in Section 2.1 are summarized below.

3.5.2. Analyte identification

The %D values calculated for the positive results for both chromatographic columns (RTX-5, DB608) used in sample analyses were greater than 25%. As a result, in accordance with the Region II data validation guidelines the results for samples with a %D less than 100% were qualified as approximate (J). The analyte identification excursions are summarized in the following table:

and cyanide were applied to environmental samples listed in Table 1-1. The following QA/QC parameters were found to meet validation criteria:

- Holding times, sample preservation, and percent solids,
- CRDL standard analysis criteria,
- Initial and continuing calibration,
- ICP interference check sample analysis,
- Field duplicate analysis,
- LCS and matrix spike blank analysis,
- Furnace atomic absorption analysis,
- Verification of instrument parameters,
- Instrument detection limits,
- Linear ranges,
- Analyte quantitation, and reported detection limits, and
- Documentation completeness.

Deviations from QA/QC criteria presented in Section 2.1 are summarized below.

3.6.2. Blank analysis

Target analytes were detected in preparation blanks analyzed for metals in this investigation. The samples which contained the target analytes at less than five times the associated blank concentration were qualified as undetected due to the blank contamination, as required by the USEPA Region II data validation guidelines. The blank excursions are summarized in the following table:

Table 3-17. Blank excursions for metal analyses

Blank ID	Analyte	Detected Concentration	Affected Sample Results	Action (mg/L)
PB082399W2	arsenic	0.002 mg/L	TW-4FF	0.0019U
			HG-W-24D	0.002U
			HG-W-24	0.0028U
			HG-W-25	0.002U
			MW-1	0.002U
			MW-5	0.003U
			MW-3	0.005U
			MW-4	0.003U
PB082399W2	barium	0.0004 mg/L	TW-3FF	0.001U
Equipment Blank	iron	0.0199mg/L	TW-1FF	0.008U
			TW-2FF	0.027U
			TW-3FF	0.017U

Table 3-18. MS excursions for metal analyses

Sample ID	Analyte	Excursion	Affected Sample Results	Action
SB-63(14-16")	aluminum	181 %R	SB-24(66-84")	J
			SB-54(96-120")	
			SB-49B(18-20")	
			SB-55(72-96")	
			SB-56(72-96")	
			SB-57(72-96")	
			SB-59(120-144")	
			SB-63(14-16")	
			BLDDUP[SB-65(125-135")]	
			SB-65(125-135")	
			SB-69(168-180")	
			SB-66(144-156")	
			SB-68(84-94")	
			SB-64(96-108")	
			SB-72(48-60")	
			SB-71(144-160")	
			SB-73(168-192")	
			SB-75(168-182")	
			SB-76(168-192")	
			SB-77(156-180")	
SB-20(72-90")	manganese	128 %R	SB-05(96-120")	J
			SB-06(0-24")	
			SB-07(156-180")	
			SB-08(168-192")	
			SB-12(120-144")	
			SB-13(120-144")	
			SB-10B(48-72")	
			SB-14(96-132")	
			SB-15(159-174")	
			SB-16(168-192")	
			SB-18(48-96")	
			SB-19(48-96")	
			SB-20(72-90")	
			SB-23B(160-177")	
			SB-24(48-60")	
			SB-21(74-81")	
			SB-22(48-96")	

Table 3-19. Laboratory duplicate excursions for metal analyses

Serial dilution ID	Analyte	Excursion	Affected samples	Action
SB-63(14-16")	aluminum iron	22 RPD 28 RPD	SB-24(66-84")	J
			SB-54(96-120")	
			SB-49B(18-20")	
			SB-55(72-96")	
			SB-56(72-96")	
			SB-57(72-96")	
			SB-59(120-144")	
			SB-63(14-16")	
			BLDDUP[SB-65(125-135")]	
			SB-65(125-135")	
			SB-69(168-180")	
			SB-66(144-156")	
			SB-68(84-94")	
			SB-64(96-108")	
			SB-72(48-60")	
			SB-71(144-160")	
			SB-73(168-192")	
			SB-75(168-182")	
			SB-76(168-192")	
			SB-77(156-180")	
SB-92(168-192")	copper	25 RPD	SB-92(168-192")	J
			SB-93(168-192")	
			SB-94(72-96")	
			SB-95(72-90")	
			BLDDUP[SB-95(72-90")]	
			SB-96(72-84")	
			SB-97(168-192")	
SB-20(72-90")	zinc	25 RPD	SB-05(96-120")	J
			SB-06(0-24")	
			SB-07(156-180")	
			SB-08(168-192")	
			SB-12(120-144")	
			SB-13(120-144")	
			SB-10B(48-72")	
			SB-14(96-132")	
			SB-15(159-174")	
			SB-16(168-192")	
			SB-18(48-96")	
			SB-19(48-96")	
			SB-20(72-90")	
			SB-23B(160-177")	
			SB-24(48-60")	
			SB-21(74-81")	
			SB-22(48-96")	

Table 3-20. ICP serial dilution excursions for metal analyses

Serial dilution ID	Analyte	Excursion	Affected samples	Action
SB-63(14-16")	barium calcium	45 %D 15 %D	SB-24(66-84")	J
			SB-54(96-120")	
			SB-49B(18-20")	
			SB-55(72-96")	
			SB-56(72-96")	
			SB-57(72-96")	
			SB-59(120-144")	
			SB-63(14-16")	
			BLDDUP[SB-65(125-135")]	
			SB-65(125-135")	
			SB-69(168-180")	
			SB-66(144-156")	
			SB-68(84-94")	
			SB-64(96-108")	
			SB-72(48-60")	
			SB-71(144-160")	
			SB-73(168-192")	
			SB-75(168-180")	
			SB-76(168-192")	
			SB-77(156-180")	
SB-89(168-192")	barium calcium	45 %D 15 %D	SB-78(175-189")	J
			SB-79(144-156")	
			SB-80(180-192")	
			SB-81(174-186")	
			SB-82(180-192")	
			SB-83(72-96")	
			SB-84(72-96")	
			SB-85(72-91")	
			SB-85B(156-168")	
			SB-86(168-180")	
			SB-87(156-180")	
			BLDDUP[SB87(156-180")]	
			SB-88(168-192")	
			SB-89(168-192")	
			SB-90(144-168")	
SB-89(168-192")	barium	45 %D	SB-91(174-192")	J
SB-92(168-192")	sodium	10.9 %D	SB-92(168-192")	J
			SB-105(54-60")	
			SB-105(70-76")	

Note:

%D indicates percent difference.

Table 3-21. Blank evaluation for gross alpha/ gross beta analyses

Blank ID	Radionuclide	Blank Concentration $\pm$ Uncertainty (pCi)	Affected Sample Results	Action
PB081999S1	gross alpha	9.0E-03 $\pm$ 4.5E-02	SB-100(68-90") SB-101B(40-46")	BU
PB082399W1	gross alpha	6.4E-02 $\pm$ 6.5E-02	TW-1FF	BU
PB082399W2	gross alpha	9.0E-03 $\pm$ 4.5E-02	HG-W-24D HG-W-24 HG-W-25 HG-W-25FF MW-5 MW-3 MW-4 BLDDUP[MW-5]	BU
PB082399W2	gross beta	1.0E-01 $\pm$ 9.4E-02	HG-W-24 HG-W-25 MW-1 HG-W-25FF MW-3 MW-4	BU

Note:

pCi indicates picocuries.

Uncertainty indicates total propagated uncertainty which includes counting error and non-counting error.

PB indicates method (preparation) blank.

3.7.3. LCS evaluation

The LCS results were evaluated using the following statistical approach: if the absolute value of the recovery value minus its expected value is greater than 2 times the quadratic sum of the percent errors of the recovery and the sample being qualified, apply the "J" qualifier to the sample. The percent error of the recovery is the quadratic sum of the percent errors of the spiked result and its expected value. The statistical evaluation of the LCS results are summarized in the following table:

Table 3-22. LCS evaluation for gross alpha / gross beta analyses

LCS ID	Radionuclide	Recovery/ Expected value*	Affected sample results	Action
L071399S1	gross beta	128.8/115	SB-03(18-24") SB-04A(6-15") SB-04B(0-6") SB-04B(6-12") SB-04C(0-6") SB-04C(6-12") SB-05(12-24") SB-05(96-120")	J

Table 3-22. LCS evaluation for gross alpha / gross beta analyses

LCS ID	Radionuclide	Recovery/ Expected value*	Affected sample results	Action
L072799S1	gross beta	126.9/115	SB-38(48-60") SB-40(48-60") SB-41(108-120") SB-51(72-84") SB-53(12-24")	J
L072899S1	gross beta	129.2/115	SB-68(54-66")	J
L081999S1	gross beta	128.2/115	SB-98(6-12") SB-98(24-30") SB-99(72-78") SB-100(68-90") SB-101B(40-46") SB-102(60-66") SB-103(118-130") SB-104(72-84") SB-108(84-96")	J
L082399W1	gross beta	130.2/115	TW-1 TW-1FF TW-2FF TW-3 TW-3FF TW-4FF TW-5FF	J
L082399W2	gross beta	131/115	HG-W-24D HG-W-24 HG-W-25 MW-1 HG-W-25FF MW-2 MW-5 MW-3 MW-4 BLDDUP[MW-5]	J

Note:

* indicates unit is picocuries per gram for soils (S) and picocuries per liter for water (W).

3.7.4. Duplicate analysis

The duplicate results were evaluated using the following statistical approach: if the ratio of the absolute value of the difference between the duplicate results to the quadratic sum of the errors of the results, or relative error ratio (RER) is greater than 3, apply the qualifier "J" to the associated sample. In the case that there is a result for one of the samples and the other was 'not found' but no result is computed, use the not found's minimal detectable concentration

Table 3-23. Duplicate evaluation for gamma spectrometry analyses

Duplicate ID	Radionuclide	RER	Affected sample results	Action
TW-5FF	gross alpha	5.7	TW-1	J
			TW-2	
			TW-1FF	
			TW-2FF	
			TW-3	
			TW-4	
			TW-5	
			TW-3FF	
			TW-4FF	
			TW-5FF	
MW-2	gross alpha	9.4	HG-W-24D	J
		3.7	HG-W-24	
	gross beta		HG-W-25	
			MW-1	
			HG-W-25FF	
			MW-2	
			MW-5	
			MW-3	
			MW-4	
			BLDDUP[MW-5]	

Note:

RER indicates relative error ratio.

3.7.5. Field duplicate analysis

The field duplicate results were evaluated using the following statistical approach: if the ratio of the absolute value of the difference between the duplicate results to the quadratic sum of the errors of the results, or relative error ratio (RER) is greater than 3, apply the qualifier "J" to the field duplicate and the associated sample. In the case that there is a result for one of the samples and the other was 'not found' but no result is computed, use the not found's minimal detectable concentration (MDC) for the result. The statistical evaluation of the field duplicate results is summarized in the following table:

Table 3-24. Field duplicate evaluation for gamma spectrometry analyses

Field Duplicate ID	Radionuclide	RER	Affected sample results	Action
SB-71(66-72") / BLDDUP[SB-71(66-72")]	gross alpha	4.97	SB-71(66-72")	J
	gross beta	7.98	BLDDUP[SB-71(66-72")]	

Note:

RER indicates relative error ratio.

Table 3-2. Blank evaluation for gamma spectrometry analyses

Blank ID	Radionuclide	Blank Concentration $\pm$ Uncertainty (pCi)	Affected Sample Results	Action
PB071299S1	lead 210	4.7E0 $\pm$ 7.9E01	SB-04A(2-3") SB-04A(3-4")	BU
PB071699S1	potassium 40	5.8E01 $\pm$ 8.6E01	SB-15(159-174") SB-17A(36-46") SB-17B(0-24") SB-17B(24-48")	BU
PB072699S1	lead 210	1.0E02 $\pm$ 4.9 E02	SB-32(15-33") SB-33(24-36") SB-38(48-60")	BU
PB072699S1	cesium 137	7.1E-01 $\pm$ 4.4E0	SB-38(0-18")	BU
PB072799S1	cesium 137	8.3E-01 $\pm$ 4.6E0	SB-62(6-12") SB-64(18-24")	BU
PB090999S3	potassium 40	2.5E01 $\pm$ 5.6E01	SB-105(54-60")	BU
PB0917PPW1	potassium 40	5.9E01 $\pm$ 1.3E02	TW-2FF TW-5FF	BU

Note:

pCi indicates picocuries.

Uncertainty indicates total propagated uncertainty which includes counting error and non-counting error .

PB indicates method (preparation) blank.

3.8.3. Duplicate analysis

The duplicate results were evaluated using the following statistical approach: if the ratio of the absolute value of the difference between the duplicate results to the quadratic sum of the errors of the results, or relative error ratio (RER) is greater than 3, apply the qualifier "J" to the associated sample result. In the case that there is a result for one of the samples and the other was 'not found' but no result is computed, use the not found's minimal detectable concentration (MDC) for the result. The statistical evaluation of the duplicate results are summarized in the following table:

Table 3-26. Duplicate evaluation for gamma spectrometry analyses

Duplicate ID	Radionuclide	RER	Affected sample results	Action
SB-25(0-18")	lead 212	3.7	SB-24(120-132") SB-25(0-18") SB-25(18-30")	J

Note:

RER indicates relative error ratio.

Table 3-28. Gamma spectrometry interference evaluation

Sample ID	Radionuclide	Action
SB-09(6-12")	potassium 40 thorium 234 radium 224 protactinium 231	Jl
SB-12(120-144")	thorium 234	Jl
SB-04A(2-3")	thorium 234 radium 224 protactinium 231 bismuth 211	Jl
SB-04A(3-4")	thorium 234 radium 224 protactinium 231 bismuth 211	Jl
SB-04B(0-6")	thorium 234 radium 224 bismuth 211	Jl
SB-04C(0-6")	radium 224	Jl
SB-04E(0-12")	thorium 234 radium 224 bismuth 211	Jl
SB-09D(0-6")	thorium 234 radium 224	Jl
SB-09(0-6")	thorium 234 protactinium 231 bismuth 211	Jl
SB-09(0-12")	thorium 234 radium 224	Jl
SB-03(12-18")	thorium 234 protactinium 231	Jl
SB-03(18-24")	thorium 234 thorium 231 radium 224	Jl
SB-04A(4-5")	thorium 234 radium 224 bismuth 211	Jl
SB-04A(5-6")	thorium 234 radium 224 protactinium 231 bismuth 211	Jl

Table 3-28. Gamma spectrometry interference evaluation

Sample ID	Radionuclide	Action
SB-09(36-48")	thorium 234 bismuth 211	JI
SB-09C(48-60")	thorium 234 radium 224	JI
SB-09E(12-24")	thorium 234 radium 224 protactinium 231 bismuth 211	JI
SB-09E(24-36")	thorium 234 radium 224	JI
SB-09E(36-48")	thorium 234 radium 224 bismuth 211	JI
SB-09E(48-60")	thorium 234 radium 224	JI
SB-09E(60-72")	thorium 234	JI
SB-09D(48-60")	thorium 234 protactinium 231	JI
SB-09D(60-72")	thorium 234 radium 224 protactinium 231 bismuth 211	JI
SB-09D(6-12")	thorium 234 radium 224 protactinium 231 bismuth 211	JI
SB-09D(12-18")	thorium 234	JI
SB-09(18-24")	thorium 234 protactinium 231	JI
SB-09D(24-30")	thorium 234 thorium 231 radium 224 protactinium 231 bismuth 211	JI
SB-09D(30-36")	thorium 234 radium 224	JI
SB-15(159-174")	thorium 234 thorium 231 protactinium 231	JI
SB-15(3-12")	thorium 234	JI

Table 3-28. Gamma spectrometry interference evaluation

Sample ID	Radionuclide	Action
SB-17A(36-46")	thorium 234 radium 224 bismuth 211	JI
SB-17A(48-54")	thorium 234 radium 224 protactinium 231	JI
SB-17A(54-60")	thorium 234	JI
SB-17B(0-24")	thorium 234 thorium 231	JI
SB-17B(24-28")	thorium 234	JI
SB-17B(144-196")	thorium 234 thorium 231 radium 224 bismuth 211	JI
SB-24(66-84")	thorium 234 thorium 231 radium 224 protactinium 231	JI
SB-24(120-132")	thorium 234	JI
SB-25(0-18")	thorium 234 radium 224 bismuth 211	JI
SB-25(18-30")	thorium 234 radium 224 bismuth 211	JI
BK-2(84-96")	thorium 234	JI
BK-1(68-88")	radium 226	JI
SB-27(28-42")	thorium 234 bismuth 211	JI
SB-32(15-33")	thorium 234 radium 224	JI
SB-28(32-46")	thorium 234 radium 224 bismuth 211	JI
SB-29(30-42")	radium 224	JI
SB-30A(8-27")	thorium 234 radium 224 protactinium 231 bismuth 211	JI

Table 3-28. Gamma spectrometry interference evaluation

Sample ID	Radionuclide	Action
SB-41(12-18")	thorium 234 thorium 231 radium 224 protactinium 231 bismuth 211	Jl
SB-41(78-90")	thorium 234	Jl
SB-41(108-120")	thorium 234 radium 224	Jl
SB-45(72-78")	thorium 234 thorium 231 radium 224 protactinium 231	Jl
SB-23B(108-120")	thorium 234 thorium 231	Jl
SB-45(202-212")	thorium 234	Jl
SB-51(72-84")	thorium 234 protactinium 231 bismuth 211	Jl
SB-53(12-24")	thorium 234 radium 224	Jl
SB-62(6-12")	thorium 234 thorium 231 radium 224 protactinium 231 bismuth 211	Jl
SB-62(12-18")	thorium 234	Jl
SB-64(18-24")	thorium 234 thorium 231 radium 224 protactinium 231 bismuth 211	Jl
SB-64(48-60")	thorium 234	Jl
SB-68(54-66")	thorium 234	Jl
SB-68(18-30")	thorium 234 radium 224	Jl
SB-71(18-30")	thorium 234 radium 224 bismuth 211	Jl
SB-72(72-78")	thorium 234	Jl

Table 3-28. Gamma spectrometry interference evaluation

Sample ID	Radionuclide	Action
SB-106(60-72")	thorium 234 thorium 231 protactinium 231 bismuth 211	Jl
SB-107(84-96")	thorium 234 radium 224	Jl
BLDDUP[SB-107(84-96")]	thorium 234	Jl
SB-108(84-96")	thorium 234	Jl
SB-109(84-96")	thorium 234 thorium 231 bismuth 211	Jl
SB-105(30-40")	thorium 234	Jl
SB-105(70-76")	thorium 234	Jl
SB-105(56-60")	thorium 234 thorium 231	Jl

3.8.6. Detection evaluation

Evaluations of detection for each sample result were performed using the following statistical approach: if a sample result is less than its total propagated error, apply the qualifier "U" to the sample result. The laboratory applied the "J" qualifier for sample results that were less than the MDC. Qualifiers applied to sample results as a result of the detection evaluation are summarized in the following table:

Table 3-29. Detection evaluation for gamma spectrometry analyses

Sample ID	Radionuclide	Action
SB-38(0-18")	protactinium 231 radium 223	U
SB-38(48-60")	lead 214	U
SB-40(48-60")	bismuth 211	U
SB-40(0-24")	lead 214 protactinium 231 radium 226	U

Table 3-29. Detection evaluation for gamma spectrometry analyses

Sample ID	Radionuclide	Action
SB-36(48-60")	bismuth 211 radium 224	U
SB-37(0-12")	bismuth 211 lead 214 radium 226	U
SB-37(12-24")	bismuth 211 radium 223 radium 226	U
SB-37(96-126")	bismuth 211	U
SB-16(72-96")	bismuth 211 bismuth 212 thorium 234	U
SB16(108-132")	bismuth 211 lead 210	U
SB-17A(18-36")	bismuth 211 lead 214	U
SB-17A(36-46")	bismuth 211 lead 214	U
SB-17A(48-54")	bismuth 212 radium 224	U
SB-17A(54-60")	bismuth 211	U
SB-17B(0-24")	bismuth 214 radium 223 thorium 231	U
SB-17B(24-28")	radium 226	U
SB-17B(144-196")	bismuth 211 lead 214 radium 223	U
SB-24(120-132")	bismuth 211	U
SB-25(0-18")	lead 212	U
SB-25(18-30")	bismuth 211 lead 214 radium 224	U
BK-2(84-96")	bismuth 211	U
SB15(159-174")	bismuth 211 protactinium 231 radium 223 uranium 235	U

Table 3-29. Detection evaluation for gamma spectrometry analyses

Sample ID	Radionuclide	Action
SB-09E(36-48")	bismuth 211 radium 224	U
SB-09E(48-60")	thallium 208	U
SB-09D(48-60")	bismuth 211	U
SB-09D(60-72)"	bismuth 211 lead 214 protactinium 231	U
SB-09D(6-12")	bismuth 211 lead 214 protactinium 231	U
SB-09D(12-18")	bismuth 211	U
SB-09D(24-30")	lead 214 protactinium 231	U
SB-05(96-120")	lead 214 radium 224 thallium 208 thorium 234	U
SB-06(0-24")	bismuth 211 lead 214 thorium 234	U
SB-09(72-96")	bismuth 211 protactinium 231	U
SB-09B(12-24")	bismuth 211 lead 214 protactinium 231 radium 223	U
SB-09(12-24")	bismuth 211 protactinium 231	U
SB-09(24-36")	radium 226	U
SB-12(120-144")	bismuth 211	U
SB-13(120-144")	lead 212 thorium 234	U
SB-10B(48-72")	bismuth 212 lead 214 protactinium 231 radium 224 radium 226 uranium 235	U
SB-14(96-132")	thorium 234	U

Table 3-29. Detection evaluation for gamma spectrometry analyses

Sample ID	Radionuclide	Action
SB-09(0-6")	bismuth 211 protactinium 231	U
SB-09(0-12")	radium 224	U
SB-09E(0-12")	bismuth 211 radium 224	U
SB-71(18-30")	bismuth 211	U
SB-72(72-78")	bismuth 211 thorium 234	U
SB-71(66-72")	bismuth 211 protactinium 231	U
BLDDUP[SB-71(66-72")]	bismuth 211 protactinium 231 thorium 231	U
SB-76(48-64")	bismuth 211 radium 226	U
SB-77(126-132")	radium 224	U
SB-79(72-74")	bismuth 211 protactinium 231	U
SB-98(24-30")	bismuth 211 bismuth 212 radium 224	U
TW-2FF	thorium 234	U
SB-99(72-78")	radium 224	U
SB-100(68-90")	bismuth 211 radium 226 thallium 208 uranium 235	U
SB-101B(40-46")	bismuth 211 cesium 137 radium 224 thorium 234	U
SB-102(60-66")	bismuth 211 lead 212	U
SB-103(118-130")	bismuth 211 radium 224	U
SB-104(72-84")	radium 224	U

3.9.2. Blank analysis

The blank results were evaluated using the following statistical approach: if the sample result minus the blank result is less than 2 times the quadratic sum of the sample and blank errors, apply the qualifier "BU" to the associated sample result. The 2 factor can be interpreted in terms of a confidence limit that the true sample result is greater than the true blank result. Assuming a Gaussian distribution for the errors, the 2 factor corresponds to a 99% confidence limit that the true sample result is greater than the true blank result. The statistical evaluation of the blank results are summarized in the following table:

Table 3-30. Blank evaluation for thorium/ uranium analyses

Blank ID	Radionuclide	Blank Concentration $\pm$ Uncertainty (pCi)	Affected Sample Results	Action
PB081199M1	thorium 228	6.5E-01 $\pm$ 6.4E-01	SB-22(48-96") SB-37(168-192") SB-49(144-156") SB-59(120-144") SB-82(180-192") SB-89(168-192")	BU
PB081199M1	thorium 230	3.2E-01 $\pm$ 6.2E-01	SB-22(48-96") SB-37(168-192") SB-49(144-156") SB-59(120-144") SB-82(180-192") SB-89(168-192")	BU
PB081199M1	thorium 232	1.2E-01 $\pm$ 6.3E-01	SB-22(48-96") SB-37(168-192") SB-59(120-144") SB-82(180-192") SB-89(168-192")	BU
PB081699S1	thorium 228 thorium 230	1.5E-01 $\pm$ 9.5E-01 7.5E-02 $\pm$ 9.5E-01	SB-09E(0-12") SB-37(12-24") SB-40(0-24") SB-41(12-18") SB-23B(108-120")	BU
PB081699S1	thorium 232	-1.0E-01 $\pm$ 1.0E0	SB-09E(0-12")	BU
PB071999S1	uranium 235/236	-3.6E-03 $\pm$ 7.1E-01	SB-09E(0-12")	BU
PB080499S1	uranium 235/236	3.5E-02 $\pm$ 6.4E-01	SB-82(180-192")	BU
PB080499S1	uranium 233/234 uranium 235/236 uranium 238	9.6E-02 $\pm$ 5.2E-01 3.5E-02 $\pm$ 6.4E-01 5.5E-02 $\pm$ 5.9E-01	SB-89(169-192")	BU

3.9.3. Tracer recovery

The tracer recovery in samples was less than the 50-100% recovery criteria. In accordance with the radiochemistry guidelines, samples with tracer recoveries outside of the control limits were qualified as "J". The samples qualified due to tracer recovery excursions are summarized in the following table:

Table 3-31. Tracer recovery evaluation for thorium/ uranium analyses

Sample ID	Analysis	Recovery	Action
SB-24(66-84")	thorium	37.2%	J
SB-04A(2-3")	thorium	9.55%	J
SB-37(12-24")	thorium	10%	J
SB-40(0-24")	thorium	20.9%	J
SB-37(12-24")	uranium	43.2%	J
SB-41(12-18")	uranium	16.8%	J
SB-23B(108-120")	uranium	33.7%	J
SB-49(144-156")	uranium	36.8%	J
TW-2	uranium	33.1%	J
HG-W-24	uranium	248%	J
Note: RER indicates relative error ratio.			

4. Summary and data useability

This chapter summarizes the analytical data in terms of its completeness and usability. Data completeness is defined as the percentage of sample results that have been determined to be usable during the data validation process. Overall, 100 percent of the PCB, metal, cyanide, mercury, and radiochemistry data and approximately 98.9 percent of the VOC data and 99.6 percent of the SVOC data were determined to be usable for qualitative and quantitative purposes.

The samples collected from the former Sylvania Electric Products Incorporated facility in Hicksville, New York were evaluated based on QA/QC criteria established by methods as listed in Section 1.2, by the data validation guidelines listed in Section 1.2, and by the QAPP (O'Brien & Gere 1999) established for this project. Major deficiencies in the data generation process resulted in data being rejected, indicating that the data is considered unusable for either quantitative or qualitative purposes. Minor deficiencies in the data generation process resulted in some sample data being characterized as approximate. Identification of a data point as approximate indicates uncertainty in the reported concentration of the chemical, but not its assigned identity.

The following paragraphs present the adherence of the data to the precision, sensitivity, accuracy, representativeness, comparability, and completeness (PSARCC) parameters.

Precision is measured through the evaluation of field duplicate samples and MS/MSD samples. For the analyses, none of the data were rejected due to laboratory duplicate excursions.

Sensitivity is established by reported detection limits which represent measurable concentrations of analytes which can be determined with a designated level of confidence. Sensitivity requirements were met for the sample data in this project.

Matrix spike samples, internal standard recoveries, surrogate recoveries, LCS recoveries, and initial and continuing calibration criteria indicate the accuracy of the data. For the VOC analyses, 0.04 percent of the data were rejected due

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