DRAFT

FOCUSED SUBSURFACE SITE INVESTIGATION
DURST – WEST 57TH STREET PROJECT
601-657 WEST 57TH STREET
NEW YORK, NEW YORK

FOR
GCI ENVIRONMENTAL ADVISORY
ATC PROJECT NUMBER 16374-0002
DECEMBER 10, 1998

Prepared by: ATC Associates Inc.
104 East 25th Street
New York, New York 10010
(212) 353-8280

ATC ASSOCIATES INC.

104 East 25th Street
10th Floor
New York, NY 10010
Tel 212.353.8280
Fax 212.353.8306

December 11, 1998

GCI Environmental Advisory, Inc.
655 Third Avenue
New York, New York 10017
Attention: Mr. James Grond

Subject: Focused Subsurface Site Investigation
Durst-West 57th Street Project
New York, New York
ATC Project No. 16374-0002

Dear Mr. Grond:

Attached is the Draft copy of the Focused Subsurface Site Investigation Report for the subject property. This report includes the following an Executive Summary, Scope of Work Completed, Soil and Groundwater Sample Results, Conclusions and Recommendations, and cost estimates for additional investigation, and site remediation. This report also includes Summary Tables, Figures, Soil Boring Logs, and Laboratory Analysis Results as appendices.

If you have any questions regarding this report, please feel free to call our office.

Sincerely yours,
ATC ASSOCIATES INC.

Curt Schmidt, P.G.
Project Manager

Frank Galdun
Technical Director

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EXECUTIVE SUMMARY

At the request of GCI Environmental Advisory, ATC Associates Inc. (ATC) has completed a Focused Subsurface Site Investigation of the entire block bordered by West 58th Street to the north, West 57th Street to the south, 11th Avenue to the east, and 12th Avenue to the west, in the Borough of Manhattan, New York, New York (the "Subject Property"). The Subject Property contains multiple attached buildings that are occupied by various commercial tenants. Previous Phase I Environmental Site Assessments conducted at the Subject Property reported the presence of numerous underground petroleum storage tanks (USTs), the majority of which have been abandoned in-place. This study was focused to the areas where USTs were known or suspected to be present. The purpose of the Focused Subsurface Site Investigation was to determine subsurface soil and groundwater quality in these areas through sample collection and laboratory analysis using "Geoprobe" drilling equipment.

This investigation has revealed significant areas of soil and groundwater contamination at the Subject Property. These conditions are the result of historical releases (primarily gasoline) from multiple on-site existing and removed USTs at several locations. The NYSDEC will require further investigation of the extent of both soil and groundwater contamination, as well as remediation to reduce contaminant levels. Soil contamination can be addressed through excavation, segregation, and proper disposal during site development. ATC recommends implementing groundwater remediation at site development by modifying planned construction dewatering systems to concurrently treat water through large-scale activated carbon filtration prior to discharge.

Additional Investigation

ATC recommends UST and contaminated soil removal, and groundwater treatment during construction dewatering in the paragraphs below. Prior to this work, ATC recommends additional investigation to further define the extent of contamination, and to fill data voids where samples could not be collected during this Focused Subsurface Site Investigation. ATC proposes the installation of up to ten 2-inch monitoring wells, soil and groundwater sample collection from borings and wells, and analysis to more precisely determine the delineated extent of groundwater contamination. Sample analyses will also further define contaminant sources. The estimated cost of this task is **$72,750**.

Petroleum-Contaminated Soil Removal

Based on the results of this study, the estimated amount of petroleum-contaminated soil beneath the Subject Property is 20,600 tons. This estimate includes soil that has contaminant concentrations below regulatory clean-up guidance values, but exhibits petroleum odors necessitating special handling an disposal if removed during construction excavation work. The tenant areas that contain the largest amount of impacted soil are the Potamkin Service and Airborne Express facilities. ATC recommends that qualified professionals be retained to monitor soil quality as it is being excavated during construction. On-site segregation of contaminated soil from unaffected material will be performed through field-screening techniques. ATC has been informed that construction excavation at the Subject Property will be approximately 6 weeks in duration.

As requested, ATC has generated a cost estimate to conduct on-site field screening, UST removal, contaminated soil transportation and disposal, and post-excavation site assessments at the Subject Property. This estimate is based upon the following assumptions:

1. All structures will be removed to the floor slabs prior to UST removal;

2. A total of 34 USTs will be removed;

3. An environmental excavation contractor will be retained to remove petroleum-contaminated soil from the Subject Property (to eliminate potential regulatory or exposure issues with the general construction contractor); and

4. Excavation, stockpiling, and off-site transportation of the contaminated soil will be approximately 45 days in duration.

The estimated cost to complete tank removal, petroleum-contaminated soil excavation, transportation and disposal is **$1,600,000**. This estimate is based on a unit cost of $65/ton for transportation and disposal of nonhazardous petroleum-contaminated soil. The cost estimate also includes professional environmental consulting services.

Petroleum-Contaminated Groundwater Removal

An extensive area of petroleum-contaminated groundwater is present primarily beneath the Airborne Express and Potamkin Service facilities at the Subject Property. ATC has been informed that excavation open-hole construction for proposed site development will be approximately three months in duration. ATC recommends that any dewatering system that operates during that period be modified to treat contaminated groundwater as it is removed from the construction areas. Treatment can be performed using large carbon-filtration units during dewatering. The estimated cost to install and operate carbon filtration tanks, perform weekly

removal and replacement of activated carbon, obtain permits, and monitor discharges for a period of three months is approximately **$220,000**. This cost estimate could change significantly if hydrologic data indicates that a higher volume of water will need to be removed to adequately depress the water table.

Residual groundwater contamination will require in-situ remediation following site development (based on the directives of the NYSDEC). Long-term in-situ remediation costs could approach $500,000.

Limitations of Subsurface Site Investigation

ATC has prepared this Limited Subsurface Investigation in accordance with the contract scope of work, using reasonable efforts to attempt to identify areas of potential liability associated with soil and groundwater contamination at the Subject Property. Any survey for the presence of soil or ground water contamination in the Project Area was limited in nature. The survey may not be relied upon as a comprehensive investigation for the presence of such contamination in all areas of the Subject Property, or as meeting any standards established for conducting such surveys. Unless limited sampling or physical testing of materials was expressly provided for in the scope of work, the conclusions in this report were based solely on a visual inspection and on readily available records, interviews and other secondary sources. ATC has made no independent investigation of the accuracy of these secondary sources and has assumed them to be accurate and complete. ATC does not warrant the accuracy or completeness of information provided by secondary sources. ATC does not warrant that contamination that may exist on the Subject Property has been discovered, that the Subject Property is suitable for any particular purpose or that the Subject Property is clean or free of liability. Any cost estimates are based on general comparisons with past projects of similar scope and size, and actual costs or design-phase estimates may vary substantially from these estimates.

1.0 INTRODUCTION

1.1 Project Scope of Work

At the request of the GCI Environmental Advisory (GCI), ATC performed a Focused Subsurface Site Investigation of the Subject Property, which is the full city block bordered West 57th Street and West 58th Street, and 11th Avenue and 12th Avenue in the city of New York, borough of Manhattan (Figure 1). The Subject Property is rectangular, approximately 160,000 square feet in size, and contains eleven (11) parcels leased by various occupants. The purpose of the investigation was to assess possible adverse environmental impact due to the historical use of the Subject Property. A Phase 1 Environmental Site Assessment (ESA) performed by GCI in July 1998, indicated a history of automotive and truck sales and service conducted at multiple locations on the Subject Property. The database investigation, site visits and historical records indicated the presence of multiple underground storage tanks (USTs) at locations throughout the Subject Property. Most of the USTs were reportedly not in use and were reportedly filled and abandoned in the 1960s. GCI recommended a subsurface soil and groundwater investigation program to determine if contamination is present in the vicinity of the USTs.

1.2 Subject Property Description

The GCI ESA, and a 1991 report prepared for Gaston & Snow by Certified Engineering & Testing Company, Inc. (CETC) of New York provide information about historical occupancy and presence of USTs at each of the leased facilities at the Subject Property. Figure 2 is a schematic drawing of Subject Property buildings and existing tenants within those buildings. A brief summary of the information in the two reports is provided below on a tenant basis:

- **Artkraft Strauss Sign Company Facility**, 820-838 12th Avenue, designs, constructs, and repairs all types of signs. The first floor of the two-story concrete structure is used for parts storage, metalworking and woodworking equipment, painting, and storage of vehicles. The property, the westernmost portion of the Subject Property, was originally part of a large lumberyard until the existing structure was built in 1925, and originally contained the Brockway Motor Truck Company and Stutz (or State) Service Station. A private garage and repair shop occupied the building by 1951. Artkraft had occupied the building by 1976. GCI reports that up to 14 USTs and a single AST were historically present at the property.

- **Airborne Express Facility**, 631-649 West 57th Street, is an L-shaped, one-story concrete building used for parcel package receiving, routing and delivery. The structure, built in 1916, originally housed the Colt Stewart Co./Chrysler Service Station. United Parcel Service, Inc. occupied the building by 1940. A gasoline leak was reported in 1948. The New York City Fire Department (NYFD) ordered hydrostatic test tightness testing, the tests were performed, and the tanks passed to the NYFD's satisfaction. The order also directed the occupant to "clean oil separator" and "repair floor drains and keep same clean." A notarized sworn statement, dated October 1963, from Gas Service Maintenance, on behalf of Don Allen Pontiac, states that the former "discontinued use of 6 underground buried tanks; removed all gasoline and filled with water; and capped, and sealed and cemented all lines." A crankcase waste oil tank was reportedly installed in 1964, although its size and location are unknown.

- **Airborne Express Facility**, 640-648 West 57th Street, is presently a paved parking area occupied by Airborne Express vehicles. It was originally part of the S. E. Kellar Lumber Company. The 1926 Sanborn Map identifies a single story Auto Repair Shop at the location. In 1972, this lot, along with the Airborne building noted above, was occupied by New York Telephone, that, according to CETC, installed two (2) USTs present in the area of the present Airborne parking area. One is reported to be a 1,080-diesel fuel UST, the other a 2,500-gallon unleaded gasoline UST. The USTs are presently inactive. The pumps have been removed.

- **Potamkin Toyota Service Facility**, 622 West 58th Street, 623-629 West 57th Street, is a three-story building utilized for car service (ground floor) and auto storage. The building occupies the former site of Lieberman and Sanford Iron Works, which was housed in a steel-framed skeleton shed built prior to 1907. By 1951 Bell Transportation System operated a garage and repair facility at the site in a building built in 1928. The Sanborn Maps of the early 1990s describe site use as "Taxi Garage and Repair." The GCI ESA and CETC reports state that there may be up to 13 USTs beneath the Potamkin Service Area floor, including a 4,000 gallon waste oil tank which was reportedly recently cleaned out and taken out of service.

- **The Copacabana Facility**, 615-621 West 57th Street, is a single-story building that traverses the block between 57th Street and 58th Street. Present in the 57th Street end of the building is a second story office area. The Copacabana property was also part of the lumberyard in the early part of the century. The 58th Street side was a wooden storage building in 1926, while the 57th Street side was part of a garage. In 1980, both sections apparently were garages. The Copacabana is first identified in the 1995 Sanborn Map. Two 550-gallon gas tanks were identified as buried at the 58th Street side of the building as early as the 1926 Sanborn Map. ATC was unable to access to the building to assess evidence of UST locations, or to drill and collect samples.

- **The Goodyear Tire and Rubber Company Facility**, 607-613 West 57th Street, occupies a "single-story building" next to the Copacabana, although there is a second floor over the sales and office area on the west side of the structure. Originally part of the New York Lumber Yard, the 1926 Sanborn map indicates the presence of an auto service station with two buried 550-gallon gasoline tanks. The building was listed as a tire service and storage operation by 1951. Two to four USTs were identified in the GCI Report, along with eight to ten hydraulic lifts and associated underground hydraulic oil tanks.

- **Manhattan Mini Storage Facility**, 847-853 Eleventh Avenue, consists of a six story concrete framed structure at the corner of West 58th Street and 11th Avenue. The structure is presently utilized as rented storage lockers/rooms. The GCI Report indicates no USTs have been located on this parcel. There is an adjacent parking area on West 58th Street. The parcels originally were part of the New York Lumber & Storage Co. A railroad siding entered the parcel at the corner of West 57th Street and 11th Avenue and to the western side of the present parking area.

- **Dynasty Auto Body Facility**, 616-618 West 58th Street, occupies a small two-story wood-framed building next to the Copacabana. This property was originally part of a "rented stalls and wagon yard" in 1907. An auto repair shop is shown on the 1926 Sanborn map, with notation of two buried 550-gallon gasoline tanks. The site has reportedly been used as an auto body repair and painting facility since at least 1980.

- **Potamkin Toyota Sales Facility**, 601 West 57th Street and 839-845 11th Avenue, consists of one three-story concrete building and one single-story building. These parcels were originally part of the Lilpatrick and Roylance Lumber Co. operation, and subsequently as the New York Lumber Yard Co. and W.H. Sidway Lumber Yard operations at the turn of the century. A General Motors Truck Co. parts and service operation occupied both parcels by 1926. The 1926 Sanborn Map noted two buried 550-gallon gasoline tanks present on the site. Sanborn Maps subsequent to 1951, identify the parcel only as "Auto Sales & Service." A heating oil tank is reportedly present as an above ground storage tank (AGST) placed on the basement concrete slab. The location and deposition of the two USTs is not known. ATC was unable to access the building to assess evidence of UST locations, or to drill and collect samples.

The GCI and CETC reports conclude that, beyond the few active USTs at the Subject Property, little is known about the actual closure of the USTs reported in the early Sanborn Maps and other records. The locations of the USTs were not recorded in site plans or NYFD documentation for the Subject Property. ATC focused this investigation on known and suspected UST locations based on the presence of vent pipes, old fill ports, and recollections of on-site personnel. Soil boring locations were also controlled by space and access limitations. Due to access restrictions, ATC did not advanc soil borings in the following tenant spaces: the Copacabana, Goodyear Sales Office, and Potamkin Toyota Sales. Parts of the Goodyear Service Area overlay a subbasement with limited access. Therefore this subsurface site investigation focused on the

USTs reported at the Artkraft Strauss Sign Company, Airborne Express, Potamkin Toyota Service, Goodyear Tire & Rubber Service, and Dynasty Auto Body facilities.

2.0 LIMITED SUBSURFACE SITE INVESTIGATION

2.1 Soil Sample Collection and Field Observations

Vertical soil samples were obtained via Geoprobe technology utilizing a Macro Core (MC) open sampler to collect discrete soil cores. This equipment has the capability to penetrate unconsolidated sediments and allows the investigator to collect soil and ground water samples for laboratory analysis. The device does not generate drill cuttings and does not require the installation of any permanent tubing, well screens, filter sands or casings. Geoprobe equipment is small enough to be installed on a standard-sized pick-up truck or van, or a 4-wheel drive all-terrain vehicle. Disposable acetate sampling sleeves are inserted into the Geoprobe equipment in order to obtain soil samples from selected depths. These samplers utilize open tube design and are capable of retrieving a 1.5" diameter by 44" long soil sample. After each soil sample core was retrieved, the core was visually observed for staining, obvious odors, and screened with a portable photoionization detector (PID). The soil interval determined by field evaluation to be representative of soil contamination was collected for PID headspace analysis. Soil samples exhibiting the highest headspace readings were retained for laboratory analysis. If the PID exhibited no instrument response for the entire length of the boring, a sample was collected from the six inches above the first wet zone (groundwater or perched groundwater). The PID was also used to monitor the general ambient air quality of the work zone. A total of 135 soil samples were screened, with 46 samples being retained for laboratory analyses.

On October 28 through October 30, 1998, November 2 through 4, 1998, and November 14, 1998, Mr. Curt Schmidt, Senior Geologist with ATC and Zebra Environmental Corporation, an environmental drilling contractor, mobilized to the Subject Property. The field observations follows, arranged by the facility in which the borings were advanced.

2.1.1 Artkraft Strauss Sign Company Facility

A preliminary site visit to the Artkraft facility by Messrs. David Spader, Frank Galdun, and Curt Schmidt of ATC, and Mr. Jim Grond of GCI on October 22, 1998 indicated the presence of four (4) USTs. Two fill ports and vent pipes were observed on the south side of the Artkraft shop area. Another pair fill ports and vent pipes belonging to abandoned USTs were observed on the north side of the Artkraft shop (Figure 2). No other evidence of USTs was observed.

On October 30, 1998, under the supervision of Mr. Schmidt of ATC, Zebra advanced three borings around the pair of USTs on the south side of the facility (Figure 3). Drilling in this area was hampered by refusals on cobbles or concrete. A faint petroleum/solvent/creosote odor was encountered between 2 and 5 feet below ground surface (bgs) in these three borings. Black

organic clay and silt was encountered starting at between four and five feet bgs in two of the three borings. The third encountered multiple refusals on concrete and brick at 5.5 feet. The organic clay and silt continued to the total depths of 16 to 20 feet. The clay and silt unit did not yield groundwater, so a groundwater sample was not collected from this area.

Four borings were advanced around the pair of abandoned 550-gallon USTs observed on the north side of the Artkraft facility. Another boring, AKSS-8, was installed near the garage door to the west of this area. Moderate PID readings and faint petroleum odors were noted between seven and eight feet bgs in AKSS-4, AKSS-5 and AKSS-7. Boring AKSS-6 exhibited elevated PID readings from two to six feet, eight to nine and a half feet, and twelve to thirteen feet bgs. A strong gasoline odor was noted at 3.5 feet bgs, with faint petroleum odors noted at the other depths. Soil samples were selected from zones with higher PID readings. Groundwater samples were collected from borings AKSS-5 and AKSS-8.

2.1.2 Airborne Express Facility

A preliminary site visit to the Airborne Express facility by Messrs. Spader, Galdun, and Schmidt of ATC, and Mr. Grond of GCI on October 22, 1998 indicated the presence of three (3) USTs with fill ports. One UST was observed inside the parcel handling area, and was reported to be a 550-gallon UST last used for waste oil storage. The other two were observed at the building exterior in the parking area (Figure 2). One is a inactive 1,000-gallon gasoline UST that may have contained diesel fuel. The other UST is reportedly an inactive 2,400-gallon gasoline tank. These two tanks, although inactive, have not been filled and properly abandoned.

Twelve vent pipes were observed along the east wall of the interior of the parcel handling area. The concrete floor in the vicinity of the vent pipes had approximately 12 round patches, which may indicate the locations of the former fill ports for the abandoned 550-gallon gasoline USTs. Three sealed and abandoned hydraulic lifts were observed in the middle of the parcel handling area (see Figure 2).

On October 29, 1998, under the supervision of Mr. Schmidt, Zebra advanced five borings around the suspected area with twelve USTs on the east side of the package handling area inside the Airborne Express facility (Figure 3). The Geoprobe was allowed to operate only during periods in which the parcel handling area was in limited use and drilling operations were limited to late morning and early afternoon. Soil cores exhibited both gasoline odors and elevated PID readings starting at approximately five to ten feet bgs in AIRX-1, -2, and -3, and extending to the deepest sample of 20 feet. Groundwater was encountered at approximately 15 feet bgs. The soils encountered in AIRX-4 exhibited strong petroleum odors and elevated PID readings as shallow as three (3) feet bgs. AIRX-5 was moved from its planned location to a point farther away and to the north of the suspected location of the dozen USTs. Elevated PID readings and

gasoline odors were not encountered until 10 to 11 feet bgs. An odor of burnt rubber as noted at approximately four feet bgs. The soils in this area were consisted of sand, rubble and incinerator cinder.

Borings AIRX-6 and AIRX-7 were advanced on either end of the 550-gallon former waste oil UST in the middle of the parcel handling area. Petroleum odors and elevated PID readings were encountered at 14 and 15 feet in the two borings. Contamination was encountered within a foot of the saturated zone directly above the groundwater table.

On October 30, 1998, Zebra advanced two borings in the vicinity of existing sealed and abandoned hydraulic lifts the center of the package handling area inside the Airborne Express facility (Figure 3). Petroleum odors and elevated PID readings were encountered at 12 feet bgs in AIRX-8, and 13 feet bgs in AIRX-9. The contamination was encountered two to three feet above the groundwater table. Low to non-detected PID readings were noted above the nine-foot depth in both borings.

On November 2, 1998, Zebra returned to Airborne Express facility to advance AIRX-10 on the southwest side of the pair of USTs in the outside parking area. On November 4, 1998, Zebra returned to the same area to advance borings on the north and east sides of the pair of USTs (AIRX-11 and AIRX-12), and AIRX-13 in the parking area just east of the outside of the Artkraft Strauss facility (see Figure 3). AIRX-10 encountered petroleum/gasoline odors at six feet bgs. AIRX-11 encountered petroleum/gasoline odors below five feet bgs. AIRX-12, on the north side of the USTs did not have evidence of petroleum odors and elevated PID readings until approximately 14 to 16 feet bgs. The drillers reported a void, or very soft sediment between 12 and 16 feet bgs at this location. The soil from the pavement to 12 feet bgs yielded no PID response and no odors in AIRX-12. AIRX-13 was attempted several times in the west corner of the parking area, but encountered multiple refusals at 18 inches bgs. After moving farther from the building walls, the Geoprobe sampler advanced to groundwater. The soil from AIRX-13 yielded no odors and PID readings between zero and 1.0 ppm to total depth at 20 feet bgs. The organic clay and silt sediment encountered at the south side of Artkraft Strauss was encountered at 18 feet bgs in AIRX-13. Groundwater samples were collected from AIRX-1, AIRX-8, AIRX-10, and AIRX-13.

2.1.3 Potamkin Toyota Service Facility

A preliminary site visit to the Potamkin Service facility by Messrs. Spader, Galdun, and Schmidt of ATC, and Mr. Grond of GCI on October 22, 1998 indicated the presence of up to two USTs with fill ports. An existing UST just inside the entrance of the service area is reported to be a 5,000-gallon waste oil tank. The tank was reportedly recently pumped out and its use

discontinued. A metal fixture was observed on the floor to the south of the auto elevator, which may be the remains of a fill port to an UST. Five vent pipes were noted at the interior wall between the driveway entrance and exit (Figure 2). No other visual evidence of USTs was noted.

On Saturday, November 14, 1998, under the supervision of Mr. Schmidt of ATC, Zebra advanced four borings in the service area of Potamkin Toyota. POTK-1 was advanced just to the north of the waste oil UST at the West 58th Street entrance to the service area. The soil encountered was mostly cinder fill: incinerator ash, cinder, slag and coal mixed with sand. Petroleum odors and elevated PID readings were first encountered at 10 feet below the concrete floor. Groundwater was encountered at 16 feet below floor grade. The petroleum odors and elevated PID readings continued to 20 feet, the end of boring.

POTK-2 was advanced in the northwest quadrant of the service area to the northwest of the metal floor fixture. A Potamkin service employee indicated to Mr. Schmidt that the concrete floor in this area seemed to be "hollow" when tapped on with a heavy rod. The boring was completed to 16 feet bgs. The Geoprobe encountered petroleum odors and elevated PID readings immediately below the six-inch-thick concrete floor. Groundwater was encountered at 15.8 feet bgs. The third boring, POTK-3, was installed in the southwest quadrant of the service area, and to the west of an area where the five vent pipes were observed. No odors or high PID readings were noted in the upper six feet of the soil cores. A faint gasoline odor was noted from six to seven feet, then a stronger gasoline odor from seven to nine feet bgs. The odor and PID readings decreased from nine to approximately ten feet. The final core, from 12 to 16 feet exhibited a very strong gasoline odor. The fourth boring was advanced near the West 57th Street exit of the garage. No odors or elevated PID readings were encountered until approximately 17 feet bgs in POTK-4. From 17 to 19 feet bgs , a slight fuel oil odor and moderate PID readings were documented. The odors ceased at approximately 19 feet below floor grade. Groundwater samples were collected from POTK-1 and POTK-4. Additional borings could not be advanced due to site access restrictions.

2.1.4 Goodyear Service Facility

A preliminary site visit to the Goodyear Service facility by Messrs. Spader, Galdun, and Schmidt of ATC and Mr. Grond of GCI on October 22, 1998 indicated the presence of two USTs in the center of the south side of the service area. The two USTs are reportedly used to store waste oil, and are reportedly 250-gallon tanks. (Figure 2). Two additional abandoned 550-gallon USTs may be present beneath the service area. No other visual evidence of USTs was noted. Several hydraulic lifts were noted and concrete patches were observed that indicate the presence of former subsurface lifts.

On November 3, 1998, under the supervision of Mr. Curt Schmidt of ATC, Zebra advanced five borings in the service area of Goodyear Tire & Rubber Company. The drilling was difficult with multiple refusals in the rear of the service area. GDYR-1 encountered two refusals at 1.5 feet below floor grade in the northwest corner of the service area. A third attempt reached eight feet before the Geoprobe core barrel sustained damage at the eight-foot depth after encountering multiple solid objects at different angles. No odors were noted emanating from the soil in the upper eight feet, and the PID readings were low. Because space constraints limited equipment maneuvering, the Geoprobe was relocated to the east corner of the rear of the service area to attempt GDYR-2. GDYR-2 encountered two refusals at six feet below floor grade. The soils in the upper six feet exhibited no odors and very low PID readings. Space constraints precluded additional borings attempts in this area.

The Geoprobe was moved to a point immediately north-northeast of a pair of reported 550-gallon USTs, one of which is used to store waste oil for Goodyear operation. GDYR-3 encountered refusals at 5.5 and 13 feet below floor grade. The third attempt also encountered refusal at 13 feet. PID readings were low in all three attempts. Creosote odors were noted in thin seams or layers containing wood at 3.0 feet and 10.5 feet below floor grade. Further borings were not attempted due to maneuvering limitations. GDYR-4 was attempted immediately to the southeast of the pair of USTs. The boring was advanced to 16 feet below floor grade when it encountered refusal at 16 feet. The saturated zone was not encountered. PID readings were very low, or zero, and no odors were noted during the examination of the soil cores. A second boring was note attempted due to the depth reached. The soils in this area consisted primarily of fine sands with wood, brick fragments, and deteriorated mica schist.

GDYR-5 was advanced just inside one of the entrances to the service area, and adjacent to the sidewalk. There was a refusal on a deeper concrete pad at one foot bgs. The second attempt encountered multiple layers of concrete in the upper two feet of the cores. The PID readings were zero from two feet to refusal at 16.2 feet below floor grade. No odors were detected. Saturated soil was encountered at approximately 11.5 feet. The soil observed was silty, mostly fine to medium sand, with schist fragments. Refusal was encountered at a cobble or boulder. A groundwater sampled was collected from GDYR-5.

2.1.5 Manhattan Mini Storage Parking/Dynasty Auto Body Facilities

On November 4, 1998, under the supervision of Mr. Schmidt of ATC, Zebra advanced three borings in the parking area of between Manhattan Mini Storage and Dynasty Auto Body on West 58th Street. Two USTs reportedly exist just inside the east corner of the body shop. This area was not accessible to the Geoprobe due to the presence of air compressor equipment permanently installed above the location of the suspected UST. Therefore, two borings were attempted in the parking lot immediately to the southeast of Dynasty Auto Body. A third boring

was planned for inside the body shop, but facility operations (auto body painting) precluded sampling at that location[1]. Two advanced borings at the body shop exterior encountered multiple refusals. BODY-1 encountered refusals at 1.0, 4.0, 2.0, 4.0, 9.0, 7.0, and 8.0 feet bgs. BODY-2 encountered refusals at 4.5, 4.5 and 4.1 feet. The Geoprobe was unable to penetrate what appeared to be concrete footings beneath that location. The PID detected zero VOCs in the upper eight feet cored in BODY-1 and the upper 4.5 feet cored in BODY-2. No odors were detected in any samples from these two locations. Additional borings were attempted along the north-facing exterior wall of the Goodyear Service Area. The Geoprobe was unable to penetrate beyond one foot bgs due to a solid concrete base. A boring was attempted in the center of the parking area (MINI-1). After three refusals at two feet bgs, the Geoprobe was able to penetrate to 18 feet bgs. No odors were noted, and the PID readings were zero to total depth. The soil consisted of cinder fill, deteriorated schist, silty sand and gravel, and an occasional cobble. A slight, unrecognizable odor was noted at approximately three feet bgs. The soil was not saturated, and a groundwater sample was not be collected.

2.2 Ground Water Sample Collection and Field Observations

Geoprobe equipment was used to install temporary groundwater-sampling devices within nine (9) of the soil borings. Zebra utilized an extendible, screened stainless steel water sampler attached to the Geoprobe boring rods to collect ground water samples. A dedicated flexible Teflon tube, to which a check valve was attached, was inserted through the hollow drilling rods into ground water in all borings. Water was then hand pumped to appropriate sample containers. All Geoprobe sampling equipment which contacts soil or ground water was decontaminated between soil borings using an alconox wash, water rinse, second alconox wash and water rinse.

Groundwater samples were collected from the following borings:

AKSS-5
AKSS-8
AIRX-1
AIRX-8
AIRX-10
AIRX-13
GDYR-4
POTK-1
POTK-1

2.3 Sample Analysis Methods

All soil and groundwater samples were placed in appropriate containers supplied by the laboratory with necessary preservatives. ATC completed all chain of custody documents prior to sample shipment. The samples were cooled to 4 degrees centigrade (wet ice) during shipment to the laboratory. All soil samples collected (a total of 59 samples were collected for this investigation) were submitted for laboratory analysis for volatile organic compounds (VOCs)

[1] Elevated ambient concentrations of VOCs from painting operations would likely have contaminated any samples collected within the space.

using EPA Method 8260. In addition, 33 soil samples were selected for analysis for semi-volatile organic compounds (SVOCs) using EPA Method 8270. Thirteen of the soil samples were also analyzed for the Resource Conservation and Recovery (RCRA) list of eight (8) heavy metals (hereafter "RCRA metals"). A select number of samples with obvious gasoline contamination were also analyzed for total lead. All groundwater samples collected were submitted for VOC analysis under EPA SW-846 Method 8260 and SVOCs under EPA SW-846 Method 8270. In addition, water samples were analyzed for RCRA metals and polychlorinated biphenyls (PCBs). The metal samples were not filtered. The specific analyses were performed in accordance with methods described in EPA publication SW-846. All samples were submitted to Scilab Albany, Inc. in Latham, New York (New York State Department of Health Environmental Laboratory Approval Program ID No. 10356). Insufficient groundwater yield in boring AIRX-8 precluded analysis for SVOCs or PCBs.

3.0 RESULTS OF LABORATORY ANALYSES

Analytical reports of soil and groundwater samples (as submitted by Scilab Albany, Inc.) are attached as Appendix B. Appendix B is organized by day of submittal to the laboratory.

3.1 Soil Sample Results

Soil sample analytical results are discussed below. They are organized by facility, and then by analytical parameter (VOCs, SVOCs, PCBs and RCRA metals).

3.1.1 Artkraft Strauss Sign Company Facility

Eight borings were advanced at the Artkraft Strauss Sign Company facility. Sixteen samples were collected and submitted for VOC analyses. The results are summarized in Table 1. Laboratory analysis indicates that VOCs were present at levels above the New York State guidelines (Spill Technology and Remediation Series (STARS) Memo #1 or Technical and Administrative Guidance Memorandum (TAGM) Memo HWR-94-4046) in AK1-10, AK3-2.5, AK5-7, AK6-3.5, and AK7-7.7. Elevated method detection limits (MDLs) due to matrix interference in AK4-7, AK5-7, and AK7-7.7, indicate organic contamination in those samples. AK3-2.5, AK5-7, and AK7-7.7 have compounds indicative of gasoline contamination. AK1-10 contains benzene equal to the NYSDEC STARS Memo Alternative Guidance Value (AGV). AK6-3.5 was collected from a thin layer with a solvent odor, and was found to contain trichloroethene, a common solvent and degreaser, above the NYSDEC TAGM Soil Cleanup Objective.

Table 1
Detected Volatile Organic Compounds in Soil
Artkraft Sign Company Facility

All results expressed in micrograms per kilogram (µg/kg)

SAMPLE NO.>>	AK1-3	AK1-10	AK2-5	AK3-2.5	AK3-10	AK4-7	AK4-12	AK5-7	AK5-7	AK5-11	AK6-3.5	AK6-11	AK7-7.7	AK7-7.7	AK7-9.5	AK8-11	STARS AGV/
BORING NO.>>	AKSS-1	AKSS-1	AKSS-2	AKSS-3	AKSS-3	AKSS-4	AKSS-4	AKSS-5	AKSS-5	AKSS-5	AKSS-6	AKSS-6	AKSS-7	AKSS-7	AKSS-7	AKSS-8	TAGM SCO
Depth (ft)>>	3.0-4.0	10.0-11.0	5.0-5.5	2.5-3.5	10.0-11.0	7.0-8.0	12.0-13.0	7.0-8.0	7.0-8.0	11.0-12.0	3.5-4.0	11.0-11.5	7.7-8.0	7.7-8.0	9.5-10.0	11.0-12.0	
									*					*			
VOCS: (µg/kg)																	
Acetone	<140	120	87	<1,400	180	<2,900	25	<1,500	NA	<13	<2,700	65	<1,400	NA	16	86	200(TAGM)
2-Butanone (MEK)	<140	36	69	<1,400	55	<2,900	<12	<1,500	NA	<13	<2,700	16	<1,400	NA	<12	12	300(TAGM)
Benzene	<68	**14**	<6	**1,500**	<9	<1,500	<6	<730	<290	<6	<1,300	<6	<700	<280	<6	<6	14(STARS)
Trichloroethene	<68	<9	<6	<720	<9	<1,500	<6	<730	NA	<6	**2,100**	<6	<700	NA	<6	<6	700(TAGM)
Toluene	<68	<9	<6	<720	<9	<1,500	<6	<730	<580	<6	<1,300	<6	<700	<570	<6	<6	100(STARS)
Tetrachloroethene	<68	<9	<6	<720	<9	<1,500	<6	<730	NA	<6	<1,300	<6	<700	NA	<6	<6	1400(TAGM)
1,3,5-Trimethylbenzene	<68	<9	<6	<720	<9	<1,500	<6	<730	NA	<6	<1,300	<6	<700	NA	<6	<6	100(STARS)
Ethylbenzene	<68	<9	<6	<720	<9	<1,500	<6	<730	<580	<6	<1,300	<6	<700	<570	<6	<6	100(STARS)
Total Xylenes	<68	<9	22	**1,100**	<9	<1,500	<6	<730	**2,600**	<6	<1,300	<6	<700	**4,000**	<6	<6	100(STARS)
m- & p-Xylenes	NA	NA	NA	NA	NA	NA	NA	NA	<580	NA	NA	NA	NA	**1,100**	NA	NA	100(STARS)
o-Xylene	NA	NA	NA	NA	NA	NA	NA	NA	**2,600**	NA	NA	NA	NA	**2,900**	NA	NA	100(STARS)
isopropylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	**1,600**	NA	NA	NA	NA	**2,100**	NA	NA	100(STARS)
n-Propylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	**5,200**	NA	NA	NA	NA	**10,000**	NA	NA	100(STARS)
1,2,4-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	**1,700**	NA	NA	NA	NA	**3,300**	NA	NA	100(STARS)
sec-Butylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	**4,300**	NA	NA	NA	NA	**7,400**	NA	NA	100(STARS)
p-Isopropyltoluene	NA	NA	NA	NA	NA	NA	NA	NA	**910**	NA	NA	NA	NA	**1,400**	NA	NA	100(STARS)
Naphthalene	NA	NA	NA	NA	NA	NA	NA	NA	**3,000**	NA	NA	NA	NA	<570	NA	NA	200(STARS)
MTBE	NA	NA	NA	NA	NA	NA	NA	NA	<580	NA	NA	NA	NA	<570	NA	NA	1000(STARS)

*** These samples were analyzed under EPA 8260 and EPA 8021.**

STARS AGV - New York State Department of Environmental Conservation (NYSDEC) Spill Technology and Remediation Series Memo #1: Petroleum-Contaminated Soil Guidance Policy - Alternative Soil Guidance Values. The Alternative Soil Guidance values are applied to petroleum-based VOCs.

TAGM SCO - NYSDEC Technical and Administrative Guidance Memorandum #HWR-94-4046: Determination of Soil Cleanup Objective to Protect Groundwater Quality.
TAGM SCOs are applied to non-petroleum VOCs not listed under the NYSDEC STARS Memo.

NA - Not Analyzed

Shaded boxes with bold results indicate VOC concentrations above NYSDEC STARS Memo Alternative Soil Guidance Values, or NYSDEC TAGM Soil Cleanup Objectives to Protect Groundwater Quality.

Any numerical result with a "less than" symbol indicates a concentration below the laboratory detection limit.

Nine of the samples collected at the Artkraft facility were submitted to the lab for SVOC analysis. Table 2 summarizes the results of the analyses. All but two of the sample analyses indicate SVOC levels exceeding NYSDEC STARS AGVs. AK1-10 and AK8-11 were collected from the organic clayey silt found at depth beneath Artkraft facility. AK4-12 was collected from a silty fine to medium sand immediately above the saturated zone. No odors or elevated PID readings were associated with these samples. AK2-5 was collected from a layer containing wood with oil and/or creosote. AK1-3, AK3-2.5, and AK3-10 exhibited petroleum/solvent odors and high PID readings associated with the sample. The two "clean" samples exhibited elevated MDLs due to matrix interference. Please refer to Table 2 on the following page for SVOC results.

Table 2
Detected Semi-Volatile Organic Compounds in Soil
Artkraft Sign Company Facility

All results expressed in micrograms per kilogram (µg/kg)

SAMPLE NO.>>	AK1-3	AK1-10	AK2-5	AK3-2.5	AK3-10	AK4-7	AK4-12	AK5-7	AK5-7	AK5-11	AK6-3.5	AK6-11	AK7-7.7	AK7-7.7	AK7-9.5	AK8-11	STARS AGV/
BORING NO.>>	AKSS-1	AKSS-1	AKSS-2	AKSS-3	AKSS-3	AKSS-4	AKSS-4	AKSS-5	AKSS-5	AKSS-5	AKSS-6	AKSS-6	AKSS-7	AKSS-7	AKSS-7	AKSS-8	TAGM SCO
Depth (ft)>>	3.0-4.0	10.0-11.0	5.0-5.5	2.5-3.5	10.0-11.0	7.0-8.0	12.0-13.0	7.0-8.0	7.0-8.0	11.0-12.0	3.5-4.0	11.0-11.5	7.7-8.0	7.7-8.0	9.5-10.0	11.0-12.0	
SVOCs: (µg/kg)																	
Naphthalene	<230	750	<2,200	800	370	<980	<200	<970	NA	NA	NA	NA	NA	NA	NA	<970	200
Acenaphthylene	<230	<310	<2,200	NA	NA	<980	NA	NA	NA	NA	NA	NA	NA	NA	NA	<970	50,000
Acenapthene	<230	980	76,000	<190	<280	<980	<200	<970	NA	NA	NA	NA	NA	NA	NA	<970	400
Fluorene	<230	620	8,400	<190	<280	<980	<200	<970	NA	NA	NA	NA	NA	NA	NA	<970	1,000
Phenanthrene	<230	2,500	26,000	520	1,100	<980	510	<970	NA	NA	NA	NA	NA	NA	NA	5,200	1,000
Anthracene	<230	1,100	9,900	<190	450	<980	<200	<970	NA	NA	NA	NA	NA	NA	NA	21,100	1,000
Fluoranthene	340	1,400	21,000	600	800	<980	710	<970	NA	NA	NA	NA	NA	NA	NA	46,000	1,000
Pyrene	<230	2,000	20,000	670	1,100	<980	660	<970	NA	NA	NA	NA	NA	NA	NA	14,200	330
Benzo(a)anthracene	<230	1,200	14,000	480	<280	<980	420	<970	NA	NA	NA	NA	NA	NA	NA	3,400	330
Chrysene	<230	1,100	12,000	500	<280	<980	380	<970	NA	NA	NA	NA	NA	NA	NA	3,000	330
Benzo(b)fluoranthene	430	950	13,000	600	470	<980	360	<970	NA	NA	NA	NA	NA	NA	NA	23,200	330
Benzo(k)fluoranthene	<230	370	5,000	250	<280	<980	<200	<970	NA	NA	NA	NA	NA	NA	NA	1,200	330
Benzo(a)pyrene	<230	1,100	11,000	520	<280	<980	330	<970	NA	NA	NA	NA	NA	NA	NA	2,400	330
Benzo(g,h,i)perylene	<230	690	<2,200	<90	<280	<980	<200	<970	NA	NA	NA	NA	NA	NA	NA	3,100	330
Indeno-(1,2,3-cd)Pyrene	<230	470	6,200	<190	<280	<980	<200	<970	NA	NA	NA	NA	NA	NA	NA	1,400	330
2-Methyl Naphthalene	<230	490	22,000	NA	NA	2,700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36,400
Dibenzofuran	<230	<310	5,000	<190	<280	<980	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	620

STARS AGV - New York State Department of Environmental Conservation (NYSDEC) Spill Technology and Remediation Series Memo #1: Petroleum-Contaminated Soil Guidance Policy - Alternative Soil Guidance Values. The Alternative Soil Guidance values are applied to petroleum-based SVOCs.

TAGM SCO - NYSDEC Technical and Administrative Guidance Memorandum #HWR-94-4046: Determination of Soil Cleanup Objective to Protect Groundwater Quality.
TAGM SCOs are applied to non-petroleum SVOCs not listed under the NYSDEC STARS Memo.

NA - Not Analyzed

Shaded boxes with bold results indicate SVOC concentrations above NYSDEC STARS Memo Alternative Soil Guidance Values, or NYSDEC TAGM Soil Cleanup Objectives to Protect Groundwater Quality.

Any numerical result with a "less than" symbol indicates a concentration below the laboratory detection limit.

Five soil samples collected from the Artkraft facility were analyzed for PCBs. The results are summarized in Table 3. No PCBs were detected in any of the samples collected. RCRA metals were analyzed for in AK4-7 and AK8-11, and total lead was analyzed for in AK4-12. The NYSDEC TAGM Eastern USA Background level mercury was exceeded in both samples, and lead was exceeded in AK8-11.

Table 3
PCB and RCRA Heavy Metal Compounds in Soil
Artkraft Sign Company Facility

All results expressed in micrograms per kilogram (µg/kg)

SAMPLE NO.>>	AK1-3	AK1-10	AK2-5	AK3-2.5	AK3-10	AK4-7	AK4-12	AK5-7	AK5-7	AK5-11	AK6-3.5	AK6-11	AK7-7.7	AK7-7.7	AK7-9.5	AK8-11	STARS AGV/
BORING NO.>>	AKSS-1	AKSS-1	AKSS-2	AKSS-3	AKSS-3	AKSS-4	AKSS-4	AKSS-5	AKSS-5	AKSS-5	AKSS-6	AKSS-6	AKSS-7	AKSS-7	AKSS-7	AKSS-8	TAGM SCO
Depth (ft)>>	3.0-4.0	10.0-11.0	5.0-5.5	2.5-3.5	10.0-11.0	7.0-8.0	12.0-13.0	7.0-8.0	7.0-8.0	11.0-12.0	3.5-4.0	11.0-11.5	7.7-8.0	7.7-8.0	9.5-10.0	11.0-12.0	
PCBs:																	
PCB-1016	<0.7	<0.9	NA	NA	NA	<0.6	NA	<0.6	NA	NA	NA	NA	NA	NA	NA	<0.6	10,000
PCB-1221	<0.7	<0.9	NA	NA	NA	<0.6	NA	<0.6	NA	NA	NA	NA	NA	NA	NA	<0.6	10,000
PCB-1232	<0.7	<0.9	NA	NA	NA	<0.6	NA	<0.6	NA	NA	NA	NA	NA	NA	NA	<0.6	10,000
PCB-1242	<0.7	<0.9	NA	NA	NA	<0.6	NA	<0.6	NA	NA	NA	NA	NA	NA	NA	<0.6	10,000
PCB-1248	<0.7	<0.9	NA	NA	NA	<0.6	NA	<0.6	NA	NA	NA	NA	NA	NA	NA	<0.6	10,000
PCB-1254	<0.7	<0.9	NA	NA	NA	<0.6	NA	<0.6	NA	NA	NA	NA	NA	NA	NA	<0.6	10,000
PCB-1260	<0.7	<0.9	NA	NA	NA	<0.6	NA	<0.6	NA	NA	NA	NA	NA	NA	NA	<0.6	10,000
RCRA Heavy Metals																	
Arsenic	NA	NA	NA	NA	NA	2.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.2	3-12
Barium	NA	NA	NA	NA	NA	81.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	88.4	15-600
Cadmium	NA	NA	NA	NA	NA	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.2	0-1.75
Chromium	NA	NA	NA	NA	NA	15.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	15.4	1.5-40
Lead	NA	NA	NA	NA	NA	50.5	NA	19.4	NA	NA	NA	NA	NA	NA	NA	**540.0**	200-500
Mercury	NA	NA	NA	NA	NA	**0.3**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.7**	0.001-0.2
Selenium	NA	NA	NA	NA	NA	<8.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	<9.2	0.1-3.9
Silver	NA	NA	NA	NA	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.1	SB

TAGM SCO - **NYSDEC Technical and Administrative Guidance Memorandum #HWR-94-4046: Determination of Soil Cleanup Objectives and Cleanup Levels; Recommended Soil Cleanup Objectives. ATC used the TAGM SCO to protect groundwater for PCBs. ATC used Eastern USA Background Levels listed in TAGM for heavy metals.**

SB - **Site Background**

NA - **Not Analyzed**

Any numerical result with a "less than" symbol indicates a concentration below the laboratory detection limit.

Shaded boxes with bold results indicate PCB or heavy metal concentrations above NYSDEC TAGM Eastern USA Background Levels for metals or the TAGM Soil Cleanup Objective to protect groundwater for PCBs.

3.1.2 Airborne Express Facility

Thirteen borings were advanced at the Airborne Express facility. Eighteen samples were collected and submitted for VOC analyses. The results are summarized in Table 4. Laboratory analyses indicates that VOCs were present at levels above the NYSDEC STARS AGVs in AX1-15, AX3-14, AX4-14.5 AX5-11, AX10-7 and AX11-6.5. Detected compounds include benzene, ethylbenzene, and xylenes, are indicative of gasoline contamination. Elevated MDLs due to matrix interference in AX1-9, AX2-6, AX6-15, AX7-15, AX8-15, and AX9-14.5, indicate SVOC and/or VOC contamination in those samples.

Seven samples collected at Airborne Express were submitted to the lab for SVOC analysis. Table 5 summarizes the results of the analyses. Two of the sample analyses, AX6-15 and AX10-7, indicate SVOC levels exceeding NYSDEC STARS AGVs. AX6-15 was collected from soil adjacent to the former waste oil UST. AX10-7 was collected near a UST that may have stored diesel fuel at one time. AX13-11 contained detected SVOCs, but below the NYSDEC STARS AGVs.

PCBs were analyzed for in six samples at Airborne Express. As seen in Table 6, no PCB compounds were detected. Total lead analysis was performed on eight samples collected from the facility. None of the concentrations exceeded the NYSDEC TAGM Eastern USA Background levels for lead. RCRA metals were tested in three samples. Only mercury exceeded the NYSDEC TAGM Eastern USA Background levels in the sample AX12-18.

Table 4
Detected Volatile Organic Compounds in Soil
Airborne Express Facility

All results expressed in micrograms per kilogram (µg/kg)

SAMPLE NO.>>	AX1-9	AX1-15	AX2-6	AX3-14	AX4-3	AX4-14.5	AX5-11	AX6-15	AX7-13	AX7-15	AX8-15	AX9-14.5	AX10-7	AX10-14	AX11-6.5	AX12-11	AX12-18	AX13-11	STARS AGV/
BORING NO.>>	AIRX-1	AIRX-1	AIRX-2	AIRX-3	AIRX-4	AIRX-4	AIRX-5	AIRX-6	AIRX-7	AIRX-7	AIRX-8	AIRX-9	AIRX-10	AIRX-10	AIRX-11	AIRX-12	AIRX-12	AIRX-13	TAGM SCO
Depth (ft)>>	9.0-10.0	15.0-16.0	6.0-7.0	14.0-15.0	3.0-4.0	14.5-15.5	11.0-12.0	15.0-16.0	13.0-14.0	15.0-16.0	15.0-16.0	14.5-15.5	7.0-8.0	14.0-15.0	6.5-7.5	11.0-12.0	18.0-19.0	11.0-12.0	
VOCs: (µg/kg)																			
Acetone	<1,500	<7,300	<1,400	11,000	<1,500	<1,600	<1,600	<3,000	28	<1,500	<5,700	<5,900	<1,400	22	<1,500	<11	33	<12	200 (TAGM)
2-Butanone (MEK)	<1,500	<7,300	<1,400	<3,300	<1,500	<1,600	<1,600	<3,000	<11	<1,500	<5,700	<5,900	<1,400	<12	<1,500	<11	<13	<12	300 (TAGM)
Benzene	<760	<3,700	<690	**2,900**	<740	**1,000**	<800	<1,500	<6	<740	<2,900	<3,000	<710	<5	<740	<6	<6	<6	14 (STARS)
Trichloroethene	<760	<3,700	<690	<1,700	<740	<800	<800	<1,500	<6	<740	<2,900	<3,000	<710	<5	<740	<6	<6	<6	700 (TAGM)
Toluene	<760	<3,700	<690	<1,700	<740	<800	<800	<1,500	<6	<740	<2,900	<3,000	<710	<5	<740	<6	<6	<6	100 (STARS)
1,3,5-Trimethylbenzene	<760	<3,700	<690	<1,700	<740	<800	<800	<1,500	<6	<740	<2,900	<3,000	<710	<5	<740	<6	<6	<6	100 (STARS)
Ethylbenzene	<760	<3,700	<690	**4,100**	<740	**13,000**	**910**	<1,500	<6	<740	<2,900	<3,000	**2,200**	<5	**7,300**	<6	<6	<6	100 (STARS)
Total Xylenes	<760	**4,700**	<690	**5,000**	**950**	**5,100**	**920**	<1,500	<6	<740	<2,900	<3,000	**40,000**	<5	**100,000**	<6	<6	<6	100 (STARS)

STARS AGV - **New York State Department of Environmental Conservation (NYSDEC) Spill Technology and Remediation Series Memo #1: Petroleum-Contaminated Soil Guidance Policy - Alternative Soil Guidance Values. The Alternative Soil Guidance values are applied to petroleum-based VOCs.**

TAGM SCO - **NYSDEC Technical and Administrative Guidance Memorandum #HWR-94-4046: Determination of Soil Cleanup Objective to Protect Groundwater Quality. TAGM SCOs are applied to non-petroleum VOCs not listed under the NYSDEC STARS Memo.**

Shaded boxes with bold results indicate VOC concentrations above NYSDEC STARS Memo Alternative Soil Guidance Values, or NYSDEC TAGM Soil Cleanup Objectives to Protect Groundwater Quality.

Any numerical result with a "less than" symbol indicates a concentration below the laboratory detection limit.

Table 5
Detected Semi-Volatile Organic Compounds in Soil
Airborne Express Facility

All results expressed in micrograms per kilogram (µg/kg)

SAMPLE NO.>>	AX1-9	AX1-15	AX2-6	AX3-14	AX4-3	AX4-14.5	AX5-11	AX6-15	AX7-13	AX7-15	AX8-15	AX9-14.5	AX10-7	AX10-14	AX11-6.5	AX12-11	AX12-18	AX13-11	STARS AGV/
BORING NO.>>	AIRX-1	AIRX-1	AIRX-2	AIRX-3	AIRX-4	AIRX-4	AIRX-5	AIRX-6	AIRX-7	AIRX-7	AIRX-8	AIRX-9	AIRX-10	AIRX-10	AIRX-11	AIRX-12	AIRX-12	AIRX-13	TAGM SCO
Depth (ft)>>	9.0-10.0	15.0-16.0	6.0-7.0	14.0-15.0	3.0-4.0	14.5-15.5	11.0-12.0	15.0-16.0	13.0-14.0	15.0-16.0	15.0-16.0	14.5-15.5	7.0-8.0	14.0-15.0	6.5-7.5	11.0-12.0	18.0-19.0	11.0-12.0	
SVOCs: (µg/kg)																			
Naphthalene	NA	<1,200	NA	NA	NA	NA	<210	<990	<180	NA	NA	NA	**6,600**	NA	NA	NA	<210	<210	200 (STARS)
Acenaphthylene	NA	<1,200	NA	NA	NA	NA	<210	<990	<180	NA	NA	NA	NA	NA	NA	NA	<210	NA	41,000 (TAGM)
Acenapthene	NA	<1,200	NA	NA	NA	NA	<210	<990	<180	NA	NA	NA	<940	NA	NA	NA	<210	<210	400 (STARS)
Fluorene	NA	<1,200	NA	NA	NA	NA	<210	<990	<180	NA	NA	NA	<940	NA	NA	NA	<210	<210	1,000 (STARS)
Phenanthrene	NA	<1,200	NA	NA	NA	NA	<210	**1,000**	<180	NA	NA	NA	<940	NA	NA	NA	<210	360	1,000 (STARS)
Anthracene	NA	<1,200	NA	NA	NA	NA	<210	<990	<180	NA	NA	NA	<940	NA	NA	NA	<210	<210	1,000 (STARS)
Fluoranthene	NA	<1,200	NA	NA	NA	NA	<210	**1,100**	<180	NA	NA	NA	<940	NA	NA	NA	490	370	1,000 (STARS)
Pyrene	NA	<1,200	NA	NA	NA	NA	<210	<990	<180	NA	NA	NA	<940	NA	NA	NA	580	360	1,000 (STARS)
Benzo(a)anthracene	NA	<1,200	NA	NA	NA	NA	<210	<990	<180	NA	NA	NA	<940	NA	NA	NA	290	<210	330 (STARS)
Chrysene	NA	<1,200	NA	NA	NA	NA	<210	<990	<180	NA	NA	NA	<940	NA	NA	NA	310	<210	330 (STARS)
Benzo(b)fluoranthene	NA	<1,200	NA	NA	NA	NA	<210	<990	<180	NA	NA	NA	<940	NA	NA	NA	310	<210	330 (STARS)
Benzo(k)fluoranthene	NA	<1,200	NA	NA	NA	NA	<210	<990	<180	NA	NA	NA	<940	NA	NA	NA	<210	<210	330 (STARS)
Benzo(a)pyrene	NA	<1,200	NA	NA	NA	NA	<210	<990	<180	NA	NA	NA	<940	NA	NA	NA	280	<210	330 (STARS)
Benzo(g,h,i)perylene	NA	<1,200	NA	NA	NA	NA	<210	<990	<180	NA	NA	NA	NA	NA	NA	NA	<210	NA	36,400 (TAGM)
2-Methyl Naphthalene	NA	<1,200	NA	NA	NA	NA	<210	<990	<180	NA	NA	NA	NA	NA	NA	NA	<210	NA	36,400 (TAGM)

STARS AGV - New York State Department of Environmental Conservation (NYSDEC) Spill Technology and Remediation Series Memo #1: Petroleum-Contaminated Soil Guidance Policy - Alternative Soil Guidance Values. The Alternative Soil Guidance values are applied to petroleum-based SVOCs.

TAGM SCO - NYSDEC Technical and Administrative Guidance Memorandum #HWR-94-4046: Determination of Soil Cleanup Objective to Protect Groundwater Quality. TAGM SCOs are applied to non-petroleum SVOCs not listed under the NYSDEC STARS Memo.

NA - Not Analyzed

Shaded boxes with bold results indicate SVOC concentrations above NYSDEC STARS Memo Alternative Soil Guidance Values, or NYSDEC TAGM Soil Cleanup Objectives to Protect Groundwater Quality.

Any numerical result with a "less than" symbol indicates a concentration below the laboratory detection limit.

Table 6
PCB and RCRA Heavy Metal Compounds in Soil
Airborne Express Facility

All results expressed in micrograms per kilogram (µg/kg)

SAMPLE NO.>>	AX1-9	AX1-15	AX2-6	AX3-14	AX4-3	AX4-14.5	AX5-11	AX6-15	AX7-13	AX7-15	AX8-15	AX9-14.5	AX10-7	AX10-14	AX11-6.5	AX12-11	AX12-18	AX13-11	
BORING NO.>>	AIRX-1	AIRX-1	AIRX-2	AIRX-3	AIRX-4	AIRX-4	AIRX-5	AIRX-6	AIRX-7	AIRX-7	AIRX-8	AIRX-9	AIRX-10	AIRX-10	AIRX-11	AIRX-12	AIRX-12	AIRX-13	TAGM SCO
Depth (ft)>>	9.0-10.0	15.0-16.0	6.0-7.0	14.0-15.0	3.0-4.0	14.5-15.5	11.0-12.0	15.0-16.0	13.0-14.0	15.0-16.0	15.0-16.0	14.5-15.5	7.0-8.0	14.0-15.0	6.5-7.5	11.0-12.0	18.0-19.0	11.0-12.0	
PCBs:	<0.6	NA	NA	NA	NA	NA	<0.6	<0.5	NA	NA	NA	NA	<0.5	NA	NA	NA	<0.6	<0.6	10000
RCRA Heavy Metals:																			
Arsenic	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.5	NA	NA	NA	NA	NA	<5.7	<9.8	3-12
Barium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	70.9	NA	NA	NA	NA	NA	95.0	89.8	15-600
Cadmium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.87	NA	NA	NA	NA	NA	1.7	1.1	0-1.75
Chromium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13.9	NA	NA	NA	NA	NA	14.1	13.7	1.5-40
Lead	129	289	NA	226	NA	141	104	96.6	NA	NA	59.5	NA	11.2	NA	9.9	NA	398.0	165	200-500
Mercury	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.2	NA	NA	NA	NA	NA	**0.7**	<0.1	0.001-0.2
Selenium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<7.3	NA	NA	NA	NA	NA	<10.0	<6	0.1-3.9
Silver	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.1	NA	NA	NA	NA	NA	<1.2	<1.1	SB

TAGM SCO - **NYSDEC Technical and Administrative Guidance Memorandum #HWR-94-4046: Determination of Soil Cleanup Objectives and Cleanup Levels; Recommended Soil Cleanup Objectives. ATC used the TAGM SCO to protect groundwater for PCBs. ATC used Eastern USA Background Levels listed in TAGM for heavy metals.**

SB - **Site Background**

NA - **Not Analyzed**

Any numerical result with a "less than" symbol indicates a concentration below the laboratory detection limit.

Shaded boxes with bold results indicate PCB or heavy metal concentrations above NYSDEC TAGM Eastern USA Background Levels for metals or the TAGM Soil Cleanup Objective to protect groundwater for PCBs.

3.1.3 Potamkin Toyota Service Facility

Four borings were advanced at the Potamkin Toyota Service facility. Eight samples were collected and submitted for VOC analyses. The results are summarized in Table 7. Laboratory analyses indicates that VOCs were present at levels well above the NYSDEC STARS AGVs in PO1-10, PO1-15, PO-2-3, PO2-15, PO3-15, and PO4-17. These samples all exhibited high to very high PID readings measured in the field. Laboratory analyses of samples PO3-5 and PO4-11 did not detect VOCs (other than acetone, a common lab contaminant).

SVOCs exceeded NYSDEC STARS AGVs in six of the eight samples collected and analyzed from the Potamkin facility. The results are summarized in Table 8. Naphthalene, a major compound found in fuel oils was present in PO1-10, PO1-15, PO2-3, PO2-15, and PO3-15. PO3-15 contained other SVOCs well above the NYSDEC STARS AGVs. PO4-11, which exhibited no petroleum odor, and contained cinder fill, contained three SVOCs slightly above the AGV. PO4-17 exhibited very high MDLs due to matrix interference due to high levels of contaminants.

PCB analysis was performed on five of the eight samples. The results as summarized in Table 9, indicate that no PCBs were detected. Six of the eight samples were analyzed for RCRA metals, and total lead was analyzed for in the remaining two samples. As illustrated in Table 9, arsenic was detected slightly above the NYSDEC TAGM Eastern USA Background levels in PO4-11. Mercury exceeded the NYSDEC TAGM Eastern USA Background levels in POTK1-10 and PO4-11. Lead concentrations exceeded the NYSDEC TAGM Eastern USA Background levels in PO4-11 and PO4-17. The samples were collected from soil containing incinerator ash, cinders and slag.

Table 7
Detected Volatile Organic Compounds in Soil
Potamkin Toyota Service Facility

All results expressed in micrograms per kilogram (µg/kg)

SAMPLE NO.>>	PO 1-10	PO 1-15	PO 2-3	PO 2-15	PO 3-5	PO 3-15	PO 4-11	PO 4-17	STARS AGV/
BORING NO.>>	POTK-1	POTK-1	POTK-2	POTK-2	POTK-3	POTK-3	POTK-4	POTK-4	TAGM SCO
Depth>>	10.0-11.0	15.0-16.0	3.0-4.0	15.0-16.0	3.0-4.0	15.0-16.0	11.0-12.0	17.0-18.0	
VOCs: (µg/kg)									
Acetone	<16000	<65,000	<27,000	<3,600	19	<36,000	<12	<2,200	200(TAGM)
2-Butanone (MEK)	<16000	<65,000	<27,000	<3,600	<12	<36,000	<12	<2,200	300(TAGM)
Benzene	<7900	<33,000	<14,000	3,300	<6	<18,000	<6	<1,100	14(STARS)
Trichloroethene	<7900	<33,000	<14,000	<1,800	<6	<18,000	<6	<1,100	700(TAGM)
Toluene	<7900	300,000	50,000	80,000	<6	<18,000	<6	<1,100	100(STARS)
1,3,5-Trimethylbenzene	260,000	<33,000	260,000	<1,800	<6	<18,000	<6	<1,100	100(STARS)
Ethylbenzene	9,000	660,000	101,000	18,000	<6	360,000	<6	1,900	100(STARS)
Total Xylenes	180,000	4,200,000	650,000	102,000	<6	1,000,000	<6	1,900	100(STARS)

STARS AGV - New York State Department of Environmental Conservation (NYSDEC) Spill Technology and Remediation Series Memo #1: Petroleum-Contaminated Soil Guidance Policy - Alternative Soil Guidance Values. The Alternative Soil Guidance values are applied to petroleum-based VOCs.

TAGM SCO - NYSDEC Technical and Administrative Guidance Memorandum #HWR-94-4046: Determination of Soil Cleanup Objective to Protect Groundwater Quality.

TAGM SCOs are applied to non-petroleum VOCs not listed under the NYSDEC STARS Memo.

Shaded boxes with bold results indicate VOC concentrations above NYSDEC STARS Memo Alternative Soil Guidance Values, or NYSDEC TAGM Soil Cleanup Objectives to Protect Groundwater Quality.

Any numerical result with a "less than" symbol indicates a concentration below the laboratory detection limit.

Table 8
Detected Semi-Volatile Organic Compounds in Soil
Potamkin Toyota Service Facility

All results expressed in micrograms per kilogram (µg/kg)

SAMPLE NO.>>	PO 1-10	PO 1-15	PO 2-3	PO 2-15	PO 3-5	PO 3-15	PO 4-11	PO 4-17	STARS AGV/
BORING NO.>>	POTK-1	POTK-1	POTK-2	POTK-2	POTK-3	POTK-3	POTK-4	POTK-4	TAGM SCO
Depth>>	10.0-11.0	15.0-16.0	3.0-4.0	15.0-16.0	5.0-6.0	15.0-16.0	11.0-12.0	17.0-18.0	
SVOCs: (µg/kg)									
Naphthalene	**170,000**	**110,000**	**33,000**	**33,000**	<190	**20,000**	<190	<3,000	200(STARS)
Acenaphthylene	<11,000	NA	NA	NA	NA	NA	NA	<3,000	50000(TAGM)
Acenapthene	<11,000	<11,000	<3,600	<4,800	<190	**1,800**	<190	<3,000	400(STARS)
Fluorene	<11,000	<11,000	<3,600	<4,800	<190	**4,400**	<190	<3,000	1000(STARS)
Phenanthrene	<11,000	<11,000	<3,600	<4,800	<190	**15,000**	<190	<3,000	1000(STARS)
Anthracene	<11,000	<11,000	<3,600	<4,800	<190	**1,900**	<190	<3,000	1000(STARS)
Fluoranthene	<11,000	<11,000	<3,600	<4,800	<190	**5,000**	460	<3,000	1000(STARS)
Pyrene	<11,000	<11,000	<3,600	<4,800	<190	**4,900**	550	<3,000	1000(STARS)
Benzo(a)anthracene	<11,000	<11,000	<3,600	<4,800	<190	<1,200	**380**	<3,000	330(STARS)
Chrysene	<11,000	<11,000	<3,600	<4,800	<190	<1,200	**330**	<3,000	330(STARS)
Benzo(b)fluoranthene	<11,000	<11,000	<3,600	<4,800	<190	<1,200	**390**	<3,000	330(STARS)
Benzo(k)fluoranthene	<11,000	<11,000	<3,600	<4,800	<190	<1,200	200	<3,000	330(STARS)
Benzo(a)pyrene	<11,000	<11,000	<3,600	<4,800	<190	<1,200	<190	<3,000	330(STARS)
Benzo(g,h,i)perylene	<11,000	<11,000	<3,600	<4,800	<190	<1,200	<190	<3,000	330(STARS)
2-Methyl Naphthalene	<11,000	NA	NA	NA	NA	NA	NA	<3,000	36400(TAGM)
Dibenzofuran	<11,000	NA	NA	NA	NA	NA	NA	<3,000	620(TAGM)

STARS AGV - New York State Department of Environmental Conservation (NYSDEC) Spill Technology and Remediation Series Memo #1: Petroleum-Contaminated Soil Guidance Policy - Alternative Soil Guidance Values. The Alternative Soil Guidance values are applied to petroleum-based SVOCs.

TAGM SCO - NYSDEC Technical and Administrative Guidance Memorandum #HWR-94-4046: Determination of Soil Cleanup Objective to Protect Groundwater Quality. TAGM SCOs are applied to non-petroleum SVOCs not listed under the NYSDEC STARS Memo.

NA - Not Analyzed

Shaded boxes with bold numbers indicate SVOC concentrations above NYSDEC STARS Memo Alternative Soil Guidance Values, or NYSDEC TAGM Soil Cleanup Objectives to Protect Groundwater Quality.

Any numerical result with a "less than" symbol indicates a concentration below the laboratory detection limit.

Table 9
PCB abd RCRA Heavy Metal Compounds in Soil
Potamkin Toyota Service Facility

All results expressed in micrograms per kilogram (µg/kg)

SAMPLE NO.>>	PO 1-10	PO 1-15	PO 2-3	PO 2-15	PO 3-5	PO 3-15	PO 4-11	PO 4-17	
BORING NO.>>	POTK-1	POTK-1	POTK-2	POTK-2	POTK-3	POTK-3	POTK-4	POTK-4	TAGM SCO
Depth>>	10.0-11.0	15.0-16.0	3.0-4.0	15.0-16.0	5.0-6.0	15.0-16.0	11.0-12.0	17.0-18.0	
PCBs:	<21	<22	NA	<24	NA	NA	<19	<30	10000
RCRA Heavy Metals:									
Arsenic	10.6	<0.1	NA	<0.1	4.4	<0.1	**16.3**	NA	3-12
Barium	210.0	1.7	NA	2.4	13.9	1.8	498.0	NA	15-600
Cadmium	<2.2	<0.005	NA	<0.005	<2.6	<0.010	<2.2	NA	0-1.75
Chromium	10.9	<0.01	NA	<0.01	5.0	<0.01	10.4	NA	1.5-40
Lead	149.0	0.083	69.9	0.15	4.8	2.4	**605.0**	**760.00**	200-500
Mercury	**0.7**	<0.0002	NA	<0.0002	<0.1	<0.0002	**3.1**	NA	0.001-0.2
Selenium	<6.7	<0.10	NA	<0.10	<6.6	<0.10	<6.5	NA	0.1-3.9
Silver	<1.1	<0.020	NA	<0.020	<1.1	<0.020	<1.1	NA	SB

TAGM SCO - NYSDEC Technical and Administrative Guidance Memorandum #HWR-94-4046: Determination of Soil Cleanup Objectives and Cleanup Levels; Recommended Soil Cleanup Objectives. ATC used the TAGM SCO to protect groundwater for PCBs. ATC used Eastern USA Background Levels listed in TAGM for heavy metals.

SB - Site Background

NA - Not Analyzed

Any numerical result with a "less than" symbol indicates a concentration below the laboratory detection limit.

Shaded boxes with bold results indicate PCB or heavy metal concentrations above NYSDEC TAGM Eastern USA Background Levels for metals or the TAGM Soil Cleanup Objective to protect groundwater for PCBs.

3.1.4 Goodyear Service Facility

Five borings were advanced at the Goodyear Service facility. Five samples were collected and submitted for VOC analyses. The results are summarized in Table 10. The VOC analyses indicate that only acetone and 2-butanone (common lab contaminants) were detected in a single sample, and at levels well below NYSDEC TAGM Soil Cleanup Objectives to Protect Groundwater Quality.

The SVOC results are summarized in Table 11. SVOCs above the NYSDEC STARS AGV were detected in both GY3-11 and GY5-11. These samples were collected close to the saturated zone in silty sand fill with brick and deteriorated schist gravel fill.

PCB and RCRA metals analyses were performed on two of the five soil samples. The results are summarized in Table 12. Cadmium was detected at levels slightly above the NYSDEC TAGM Eastern USA Background levels in sample: GY1-5. The soil at this location and depth consisted of cinders and slag.

Table 10
Detected Volatile Organic Compounds in Soil
Goodyear Service Facility

All results expressed in micrograms per kilogram (µg/kg)

SAMPLE NO.>>	GY1-5	GY2-5	GY3-11	GY4-11.5	GY5-11	STARS AGV/
BORING NO.>>	GDYR-1	GDYR-2	GDYR-3	GDYR-4	GDYR-5	TAGM SCO
Depth (ft)>>	5.0-6.0	5.0-6.0	11.0-12.0	11.5-12.5	11.0-12.0	
VOCs: (µg/kg)						
Acetone	80	<11	<11	<11	<12	200(TAGM)
2-Butanone (MEK)	19	<11	<11	<11	<12	300(TAGM)
Benzene	<5	<6	<6	<5	<6	14(STARS)
Trichloroethene	<5	<6	<6	<5	<6	700(TAGM)
Toluene	<5	<6	<6	<5	<6	100(STARS)
Tetrachloroethene	6	<6	<6	<5	<6	1400(TAGM)
1,3,5-Trimethylbenzene	<5	<6	<6	<5	<6	100(STARS)
Ethylbenzene	<5	<6	<6	<5	<6	100(STARS)
Total Xylenes	<5	<6	<6	<5	<6	100(STARS)

STARS AGV - New York State Department of Environmental Conservation (NYSDEC) Spill Technology and Remediation Series Memo #1: Petroleum-Contaminated Soil Guidance Policy - Alternative Soil Guidance Values. The Alternative Soil Guidance values are applied to petroleum-based VOCs.

TAGM SCO - NYSDEC Technical and Administrative Guidance Memorandum #HWR-94-4046: Determination of Soil Cleanup Objective to Protect Groundwater Quality. TAGM SCOs are applied to non-petroleum VOCs not listed under the NYSDEC STARS Memo.

Shaded boxes with bold results indicate VOC concentrations above NYSDEC STARS Memo Alternative Soil Guidance Values, or NYSDEC TAGM Soil Cleanup Objectives to Protect Groundwater Quality.

Any numerical result with a "less than" symbol indicates a concentration below the laboratory detection limit.

Table 11
Detected Semi-Volatile Compounds in Soil Goodyear Service Facility

All results expressed in micrograms per kilogram (µg/kg)

SAMPLE NO.>>	GY1-5	GY2-5	GY3-11	GY4-11.5	GY5-11	STARS AGV/
BORING NO.>>	GDYR-1	GDYR-2	GDYR-3	GDYR-4	GDYR-5	TAGM SCO
Depth (ft)>>	5.0-6.0	5.0-6.0	11.0-12.0	11.5-12.5	11.0-12.0	
SVOCs: (µg/kg)						
Naphthalene	<180	<190	<930	<180	<1,000	200(STARS)
Acenaphthylene	<180	NA	NA	NA	NA	50000(TAGM)
Acenapthene	<180	<190	<930	<180	<1,000	400(STARS)
Fluorene	<180	<190	<930	<180	<1,000	1000(STARS)
Phenanthrene	<180	<190	**1,200**	<180	<1,000	1000(STARS)
Anthracene	<180	<190	<930	<180	<1,000	1000(STARS)
Fluoranthene	<180	<190	960	<180	**2,200**	1000(STARS)
Pyrene	<180	<190	<930	<180	**1,600**	1000(STARS)
Benzo(a)anthracene	<180	<190	<930	<180	**1,200**	330(STARS)
Chrysene	<180	<190	<930	<180	**1,000**	330(STARS)
Benzo(b)fluoranthene	<180	<190	<930	<180	**1,200**	330(STARS)
Benzo(k)fluoranthene	<180	<190	<930	<180	<1,000	330(STARS)
Benzo(a)pyrene	<180	<190	<930	<180	**1,000**	330(STARS)
Benzo(g,h,i)perylene	<180	<190	<930	<180	<1,000	330(STARS)
2-Methyl Naphthalene	<180	NA	NA	NA	NA	36400(TAGM)
Dibenzofuran	<180	NA	NA	NA	NA	620(TAGM)

STARS AGV - New York State Department of Environmental Conservation (NYSDEC) Spill Technology and Remediation Series Memo #1: Petroleum-Contaminated Soil Guidance Policy - Alternative Soil Guidance Values. The Alternative Soil Guidance values are applied to petroleum-based SVOCs.

TAGM SCO - NYSDEC Technical and Administrative Guidance Memorandum #HWR-94-4046: Determination of Soil Cleanup Objective to Protect Groundwater Quality.
TAGM SCOs are applied to non-petroleum SVOCs not listed under the NYSDEC STARS Memo.

Shaded boxes with bold numbers indicate SVOC concentrations above NYSDEC STARS Memo Alternative Soil Guidance Values, or NYSDEC TAGM Soil Cleanup Objectives to Protect Groundwater Quality.

Any numerical result with a "less than" symbol indicates a concentration below the laboratory detection limit.

Table 12
PCB and RCRA Heavy Metal Compounds in Soil
Goodyear Service Facility

All results expressed in micrograms per kilogram (µg/kg)

SAMPLE NO.>>	GY1-5	GY2-5	GY3-11	GY4-11.5	GY5-11	STARS AGV/
BORING NO.>>	GDYR-1	GDYR-2	GDYR-3	GDYR-4	GDYR-5	TAGM SCO
Depth (ft)>>	5.0-6.0	5.0-6.0	11.0-12.0	11.5-12.5	11.0-12.0	
VOCs: (µg/kg)						
Acetone	80	<11	<11	<11	<12	200(TAGM)
2-Butanone (MEK)	19	<11	<11	<11	<12	300(TAGM)
Benzene	<5	<6	<6	<5	<6	14(STARS)
Trichloroethene	<5	<6	<6	<5	<6	700(TAGM)
Toluene	<5	<6	<6	<5	<6	100(STARS)
Tetrachloroethene	6	<6	<6	<5	<6	1400(TAGM)
1,3,5-Trimethylbenzene	<5	<6	<6	<5	<6	100(STARS)
Ethylbenzene	<5	<6	<6	<5	<6	100(STARS)
Total Xylenes	<5	<6	<6	<5	<6	100(STARS)

STARS AGV - New York State Department of Environmental Conservation (NYSDEC) Spill Technology and Remediation Series Memo #1: Petroleum-Contaminated Soil Guidance Policy - Alternative Soil Guidance Values. The Alternative Soil Guidance values are applied to petroleum-based VOCs.

TAGM SCO - NYSDEC Technical and Administrative Guidance Memorandum #HWR-94-4046: Determination of Soil Cleanup Objective to Protect Groundwater Quality. TAGM SCOs are applied to non-petroleum VOCs not listed under the NYSDEC STARS Memo.

Shaded boxes with bold results indicate VOC concentrations above NYSDEC STARS Memo Alternative Soil Guidance Values, or NYSDEC TAGM Soil Cleanup Objectives to Protect Groundwater Quality.

Any numerical result with a "less than" symbol indicates a concentration below the laboratory detection limit.

3.1.5 Manhattan Mini Storage Parking Area/Dynasty Auto Body Facilities

Five samples were collected from three borings in the parking area between Dynasty Auto Body and Manhattan Mini Storage. VOCs were analyzed in four of the samples. The results are summarized in Table 13. No VOCs were detected.

SVOCs were analyzed in four of the five soil samples collected. The results are shown in Table 14. SVOCs exceeded, or equaled, the NYSDEC STARS AGV in all samples. The BD2-3.5 sample was collected from sand fill without visible cinders or slag. The other samples contained fill with cinders, incinerator slag, and coal. The MI1-3 sample, that exhibited the highest levels of SVOCs exhibited a slight unrecognizable odor.

MI1-3 and MI1-15.5 were analyzed for PCB content. The results (as indicated in Table 15) were below detection limits. RCRA metals were analyzed in three of the five samples collected. Mercury, cadmium and arsenic were detected above the NYSDEC TAGM Eastern USA Background levels in MI1-3. Laboratory analyses indicated that lead exceeded NYSDEC TAGM Eastern USA Background levels in MI1-3 and MI1-15.5. Likewise, chromium exceeded the NYSDEC TAGM Eastern USA Background levels in BD2-3.5.

Table 13
Detected Volatile Organic Compounds in Soil
Mini Storage and Dynasty Autobody Parking Lot

All results expressed in micrograms per kilogram (µg/kg)

SAMPLE NO.>>	BD1-6	BD2-3.5	MI1-2.5	MI1-3	MI1-15.5	STARS AGV/
BORING NO.>>	BODY-1	BODY-2	MINI-1	MINI-1	MINI-1	TAGM SCO
Depth (ft)>>	6.0-7.0	3.5-4.5	2.5-3.0	3.0-4.0	15.5-16.0	
VOCs: (µg/kg)						
Acetone	<11	<12	NA	<11	<11	200
2-Butanone (MEK)	<11	<12	NA	<11	<11	300
Benzene	<6	<6	NA	<5	<6	14
Trichloroethene	<6	<6	NA	<5	<6	700
Toluene	<6	<6	NA	<5	<6	100
1,3,5-Trimethylbenzene	<6	<6	NA	<5	<6	100
Ethylbenzene	<6	<6	NA	<5	<6	100
Total Xylenes	<6	<6	NA	<5	<6	100

STARS AGV - New York State Department of Environmental Conservation (NYSDEC) Spill Technology and Remediation Series Memo #1: Petroleum-Contaminated Soil Guidance Policy - Alternative Soil Guidance Values. The Alternative Soil Guidance values are applied to petroleum-based VOCs.

TAGM SCO - NYSDEC Technical and Administrative Guidance Memorandum #HWR-94-4046: Determination of Soil Cleanup Objective to Protect Groundwater Quality. TAGM SCOs are applied to non-petroleum VOCs not listed under the NYSDEC STARS Memo.

NA - Not Analyzed

Shaded boxes with bold results indicate VOC concentrations above NYSDEC STARS Memo Alternative Soil Guidance Values, or NYSDEC TAGM Soil Cleanup Objectives to Protect Groundwater Quality.

Any numerical result with a "less than" symbol indicates a concentration below the laboratory detection limit.

Table 14
Detected Semi-Volatile Organic Compounds in Soil
Mini Storage and Dynasty Autobody Parking Lot

All results expressed in micrograms per kilogram (µg/kg)

SAMPLE NO.>>	BD1-6	BD2-3.5	MI1-2.5	MI1-3	MI1-15.5	STARS AGV/
BORING NO.>>	BODY-1	BODY-2	MINI-1	MINI-1	MINI-1	TAGM SCO
Depth (ft)>>	6.0-7.0	3.5-4.5	2.5-3.0	3.0-4.0	15.5-16.0	
SVOCs: (µg/kg)						
Naphthalene	NA	<990	<930	**91,000**	<920	200(STARS)
Acenaphthylene	NA	NA	NA	<18,000	<920	50000(TAGM)
Acenapthene	NA	<990	<930	**84,000**	<920	400(STARS)
Fluorene	NA	<990	<930	**99,000**	<920	1000(STARS)
Phenanthrene	NA	<990	**1,900**	**240,000**	**1,000**	1000(STARS)
Anthracene	NA	<990	<930	**120,000**	<920	1000(STARS)
Fluoranthene	NA	**1,200**	**2,000**	**200,000**	970	1000(STARS)
Pyrene	NA	<990	**1,700**	**180,000**	<920	1000(STARS)
Benzo(a)anthracene	NA	<990	<930	**170,000**	<920	330(STARS)
Chrysene	NA	<990	**940**	<18,000	<920	330(STARS)
Benzo(b)fluoranthene	NA	<990	<930	**130,000**	<920	330(STARS)
Benzo(k)fluoranthene	NA	<990	<930	**58,000**	<920	330(STARS)
Benzo(a)pyrene	NA	<990	<930	<18,000	<920	330(STARS)
Benzo(g,h,i)perylene	NA	<990	<930	<18,000	<920	330(STARS)
2-Methyl Naphthalene	NA	NA	NA	**40,000**	<920	36400(TAGM)
Dibenzofuran	NA	NA	NA	**83,000**	<920	620(TAGM)

STARS AGV - New York State Department of Environmental Conservation (NYSDEC) Spill Technology and Remediation Series Memo #1: Petroleum-Contaminated Soil Guidance Policy - Alternative Soil Guidance Values. The Alternative Soil Guidance values are applied to petroleum-based SVOCs.

TAGM SCO - NYSDEC Technical and Administrative Guidance Memorandum #HWR-94-4046: Determination of Soil Cleanup Objective to Protect Groundwater Quality.
TAGM SCOs are applied to non-petroleum SVOCs not listed under the NYSDEC STARS Memo.

NA - Not Analyzed

Shaded boxes with bold numbers indicate SVOC concentrations above NYSDEC STARS Memo Alternative Soil Guidance Values, or NYSDEC TAGM Soil Cleanup Objectives to Protect Groundwater Quality.

Any numerical result with a "less than" symbol indicates a concentration below the laboratory detection limit.

Table 15
PCB and RCRA Heavy Metal Compounds in Soil
Mini Storage and Dynasty Autobody Parking Lot

All results expressed in micrograms per kilogram (µg/kg)

SAMPLE NO.>>	BD1-6	BD2-3.5	MI1-2.5	MI1-3	MI1-15.5	
BORING NO.>>	BODY-1	BODY-2	MINI-1	MINI-1	MINI-1	TAGM SCO
Depth (ft)>>	6.0-7.0	3.5-4.5	2.5-3.0	3.0-4.0	15.5-16.0	
PCBs:	NA	NA	NA	<0.5	<0.5	10,000
RCRA Heavy Metals						
Arsenic	NA	<4.8	NA	**27.8**	<5.5	3-12
Barium	NA	87.7	NA	204.0	71.6	15-600
Cadmium	NA	1.6	NA	**5.0**	0.91	0-1.75
Chromium	NA	**48.6**	NA	11.9	14.2	1.5-40
Lead	NA	64.4	NA	**2,083**	**653.0**	200-500
Mercury	NA	0.2	NA	**0.6**	0.2	0.001-0.2
Selenium	NA	<9.6	NA	<28.4	<6	0.1-3.9
Silver	NA	<1.0	NA	<1.0	<1.9	SB

TAGM SCO - NYSDEC Technical and Administrative Guidance Memorandum #HWR-94-4046: Determination of Soil Cleanup Objectives and Cleanup Levels; Recommended Soil Cleanup Objectives. ATC used the TAGM SCO to protect groundwater for PCBs. ATC used Eastern USA Background Levels listed in TAGM for heavy metals.

SB - Site Background

NA - Not Analyzed

Any numerical result with a "less than" symbol indicates a concentration below the laboratory detection limit.

Shaded boxes with bold results indicate PCB or heavy metal concentrations above NYSDEC TAGM Eastern USA Background Levels for metals or the TAGM Soil Cleanup Objective to protect groundwater for PCBs.

3.2 *Groundwater Sample Analysis Results*

The summary of the results of the groundwater analyses is given in Table 16. VOCs were detected in the groundwater from borings AKSS-8, AIRX-1, AIRX-8, AIRX-10, POTK-1 and POTK-4 at levels exceeding the NYSDEC Ambient Groundwater Quality Standards and Guidance Values. The VOCs that exceeded this standard are compounds typically found in gasoline.

Naphthalene (an SVOC) was detected in AIRX-10 and POTK-1 at levels exceeding the NYSDEC Ambient Groundwater Quality Standards and Guidance Values. As indicated in Table 16, no other SVOCs were not detected in any of the groundwater samples.

PCBs were analyzed in eight of the nine water samples. The analyses indicated that all PCB compounds were below detection limits. RCRA metals were analyzed in seven of the nine water samples. Total Lead was analyzed in the remaining two samples. The lead concentrations in the groundwater samples from AIRX-8 and AIRX-10 were slightly above the NYSDEC Ambient Groundwater Quality Standards and Guidance Values. The PCB and RCRA metal groundwater analyses are summarized in Table 16.

Table 16
Summary of Groundwater Analytical Results

SAMPLE NO.>>		AK-GW-5	AK-GW-8	AX-GW-1	AX-GW-8	AX-GW-10	AX-GW-13	GY-GW-4	PO GW-1	PO GW-4	NYSDEC
BORING NO.>>		AKSS-5	AKSS-8	AIRX-1	AIRX-8	AIRX-10	AIRX-13	GDYR-4	POTK-1	POTK-4	Standards*
VOCs:	UNITS										
Acetone	µg/l	<50	<50	42	22	<10	<50	<10	<500	<100	50
2-Butanone (MEK)	µg/l	<50	<50	<10	26	<10	<50	<10	<500	<100	50
Benzene	µg/l	<25	<25	25	11	<5	<25	<5	<250	160	0.7
Trichloroethene	µg/l	<25	<25	<5	<5	<5	<25	<5	<250	<50	3
Toluene	µg/l	<25	<25	15	<5	<5	<25	<5	2000	<50	5
Ethylbenzene	µg/l	<25	<25	13	<5	12	<25	<5	3800	<50	5
Total Xylenes	µg/l	<25	130	14	<5	190	<25	<5	16000	<50	5
T.I.C.'s:	µg/l							None Found			
Ethyl Benzene	µg/l								780		5
Propyl Benzene	µg/l								520	80	5
1H-Indene, 2,3-dihydro-	µg/l			760	250				500	80	
1-methyl Napthalene	µg/l									50	
Phenanthrene, 1-methyl-7-(methyl ethyl)	µg/l						2.0				
Cyclohexane Methyl-	µg/l			380	120						
Cyclohexane Ethyl-	µg/l				49						
SVOCs:	µg/l										
Naphthalene	µg/l	<5	<5	<5	NA#	20	<5	<5	390	<50	10
Acenaphthylene	µg/l	<5	<5	<5	NA#	<6	<5	<5	<50	<50	
Acenapthene	µg/l	<5	<5	<5	NA#	<6	<5	<5	<50	<50	20
Fluorene	µg/l	<5	<5	<5	NA#	<6	<5	<5	<50	<50	50
Phenanthrene	µg/l	<5	<5	<5	NA#	<6	<5	<5	<50	<50	50
Anthracene	µg/l	<5	<5	<5	NA#	<6	<5	<5	<50	<50	50
Fluoranthene	µg/l	<5	<5	<5	NA#	<6	<5	<5	<50	<50	50
Pyrene	µg/l	<5	<5	<5	NA#	<6	<5	<5	<50	<50	50
Benzo(a)anthracene	µg/l	<5	<5	<5	NA#	<6	<5	<5	<50	<50	0.002
Chrysene	µg/l	<5	<5	<5	NA#	<6	<5	<5	<50	<50	0.002
Benzo(b)fluoranthene	µg/l	<5	<5	<5	NA#	<6	<5	<5	<50	<50	0.002
Benzo(k)fluoranthene	µg/l	<5	<5	<5	NA#	<6	<5	<5	<50	<50	0.002
Benzo(a)pyrene	µg/l	<5	<5	<5	NA#	<6	<5	<5	<50	<50	0.002
Benzo(g,h,i)perylene	µg/l	<5	<5	<5	NA#	<6	<5	<5	<50	<50	0.002
T.I.C.'s:											
1H-Indene, 2,3-dihydro-5-methyl	µg/l			14							
PCBs:	µg/l	all <0.5	all <0.6	all <0.5	NA	all <0.7	all <0.5	all <0.5	all <0.5	all <0.5	0.01
HEAVY METALS:											
Arsenic	µg/l	0.18	0.24	NA	NA	0.90	0.27	<0.05	0.34	0.6	25
Barium	µg/l	6.1	7.1	NA	NA	24.2	2.8	2.7	6.6	4.6	1000
Cadmium	µg/l	0.096	0.13	NA	NA	0.37	0.081	0.044	<0.060	<0.060	10
Chromium	µg/l	1.2	1.8	NA	NA	5.2	0.97	0.96	0.82	0.4	50
Lead	µg/l	7.4	5.8	7.4	38.1	26.4	3.2	3.9	17.4	24.1	25
Mercury	µg/l	0.016	0.046	NA	NA	0.025	0.035	0.0055	0.1	0.15	2
Selenium	µg/l	<0.10	<0.10	NA	NA	<0.10	<0.10	<0.10	<0.10	<0.10	10
Silver	µg/l	<0.01	<0.025	NA	NA	<0.01	<0.01	<0.01	0.021	0.018	50

NA# = Not Analyzed - insufficient volume

* NYSDEC (1993) Ambient Water Quality Standards and Guidance Values

4.0 DISCUSSION AND CONCLUSIONS

This investigation revealed areas of significant soil and groundwater contamination at the Subject Property. These conditions were primarily the result of gasoline releases from multiple abandoned USTs at several locations on the Subject Property. The NYSDEC will require further delineation of both the soil and groundwater contamination, as well as remediation to reduce contaminant levels. ATC recommends that soil contamination be addressed through excavation and proper disposal during site development. It may also be possible to remove the majority of contaminated groundwater by modifying planned construction dewatering systems to concurrently treat water through activated carbon filtration prior to discharge.

ATC did not access the interiors of two buildings at the eastern edge of the Subject Property (occupied by the Manhattan Mini Storage and Potamkin Toyota Sales facilities). Therefore, soil or groundwater quality data was not generated for these areas. ATC did not gain access into the Copacabana facility, and cannot speculate on soil or groundwater quality beneath this facility. Further, a limited amount of data was obtained from the Artkraft facility due to refusal at several attempted boring locations. Additional investigation is recommended for all of these areas prior to site development. Any subsequent study should include additional soil borings and installation of groundwater monitoring wells. Figure 4 provides the recommended number and locations of borings and wells to obtain additional data.

Below are summaries, discussions and conclusions for each facility investigated within the Subject Property.

4.1 Artkraft Strauss Sign Company Facility

Field observations and laboratory results indicate what appears to be limited gasoline contamination in soil in the vicinity of two borings advanced near two USTs on the south side of the facility. Elevated levels of gasoline constituents (VOCs) were detected in a thin soil layer in boring AKSS-3 at the 2.5 to 3.0-foot depth, and at the seven-foot depth in AKSS-1. VOC contamination originating from gasoline was found in borings advanced in the vicinity of two USTs at the north side of the facility. The VOC contamination was present in soils between seven and nine feet in AKSS-5, and in a thin layer between 7.7 and 8.0 feet in AKSS-7. Trichloroethene at a level exceeding the TAGM Recommended Soil Cleanup Level to Protect Ground Water was detected in the shallow sample from AKSS-6. Since laboratory analysis of a deeper sample collected from this boring did not detect trichloroethene, ATC concludes that this condition is localized in extent both laterally and vertically.

SVOCs were detected by the laboratory in seven soil samples at concentrations exceeding NYSDEC STARS AGVs. The remaining two samples exhibited high MDLs for SVOCs because

of matrix interference. This indicates that SVOC contamination is present above NYSDEC STARS AGVs, but below the laboratory MDL. ATC detected distinct petroleum odors in several of the soil samples collected from borings advanced at this facility. In addition, ATC detected a creosote-like odor in soils collected from AKSS-4.

Soil contamination beneath the Artkraft facility does not appear to be extensive. However, this material require special handling and disposal if proposed development of the Subject Property includes excavation in this area. Further, at least four USTs will require removal prior to construction excavation activities. On-site characterization will be required to isolate contaminated soil from unaffected soil for proper disposal.

ATC found only a low level of VOC contamination in one of two groundwater samples collected from beneath Artkraft. ATC recommends additional investigation of groundwater quality by installing monitoring wells to confirm this finding, and to further delineate the extent and severity of contamination in the shallow aquifer in other areas of the Subject Property.

4.2 Airborne Express Facility

This investigation revealed the presence of severe VOC contamination in soils collected from five borings advanced near 12 gasoline USTs at the southeast quadrant of the facility. The investigation in the vicinity of the waste oil UST and the former hydraulic lifts in the center of the facility indicate that SVOC and VOC contaminants are present in the soil just above the water table. The SVOC contamination is indicative of a discharge from the waste oil tank. Since the VOC contamination was found in soils directly above the water table, ATC concludes that this condition was caused by migration of VOCs with groundwater flow from the 12 USTs to the west of this area. The data indicates an extensive plume of VOC contamination in groundwater that likely originates from the 12 abandoned gasoline USTs.

Two of the soil samples collected from the vicinity of the two USTs in the Airborne parking area exhibited VOCs exceeding NYSDEC STARS AGVs by at least one order of magnitude. SVOCs were detected in these samples at concentrations were below NYSDEC STARS AGVs. Laboratory analysis of soil samples from AIRX-13 (southwest section, near the Artkraft facility, at a greater distance from the USTs) exhibited undetected VOC concentrations, and SVOC levels below NYSDEC STARS AGVs. Since soil samples with VOC contamination were collected near the USTs from relatively shallow depths (8 feet or less), it is likely that one or both of the USTs in the parking area have discharged gasoline to the environment. Because VOC contamination was well above the water table, ATC concludes that this condition was not caused by another source, such as the 12 USTs inside the Airborne building. In addition, groundwater data collected from near the two USTs in the parking lot shows that elevated VOC contamination is present and will required remediation.

In summary, significant areas of soil contamination from on-site USTs sources are present at this facility. This material will require special handling and disposal prior to site development. Groundwater contamination is also present and the NYSDEC will require remediation of this condition. However, if proposed site development includes construction excavation dewatering, the impacted groundwater can be treated as it is removed

4.3 Potamkin Service Facility

This investigation revealed severe VOC contamination in each of the four borings installed within in the Potamkin Service facility, that were likely caused by gasoline releases from abandoned USTs. SVOC contamination in soil was also found and indicates an unknown source of fuel oil or diesel fuel. The contamination near POTK-1 is likely from the known waste oil UST, but SVOCs found in POTK-3 and POTK-4 indicate another source. ATC recommends additional subsurface delineation in this area.

Significant areas of contaminated soil will require special handling and disposal in the Potamkin facility. In addition, the NYSDEC will require further investigation and remediation of the contaminated groundwater. ATC recommends additional groundwater monitoring using monitoring wells installed at locations indicated Figure 4. The impacted groundwater can be treated during construction dewatering.

4.4 Goodyear Service Facility

The operating service area, the presence of a subbasement, and concrete rubble beneath the floor slab limited the investigation at the Goodyear facility. No VOCs were detected in the limited soil sampling conducted but samples collected in the vicinity of the waste oil USTs (in the center of the facility) indicate SVOC contamination in the soil just above the water table. This contamination indicates possible leakage from the waste oil UST.

It is possible that special handling and disposal of contaminated soil will be necessary during proposed site development. Further investigation of both soil and groundwater quality should be performed at Goodyear to obtain additional data.

4.5 Manhattan Mini Storage Parking/Dynasty Auto Body Facilities

Soil samples from BODY-2 and MINI-1 contained SVOC concentrations above NYSDEC STARS AGVs, and heavy metal concentrations well above NYSDEC TAGM Eastern USA Background Levels. Laboratory analysis of soil samples found no VOC contamination. It appears that SVOCs and heavy metals detected reflects the composition of the fill material in this area, and was not caused by leaking USTs. However, ATC recommends field screening of soil be conducted to confirm that soil exhibiting petroleum odors or other evidence of contamination is not removed during site development.

ATC has prepared and presented preliminary cost estimates for the following work:

- TASK 1: Additional Soil and Groundwater Investigation,
- TASK 2: UST/Soil Excavation and Disposal,
- TASK 3: Groundwater Treatment during Construction Site Dewatering.

The cost estimates and assumptions for the costs are presented in Section 1.0 herein. The conclusions and recommendations presented in this report are subject to change as additional data is collected.

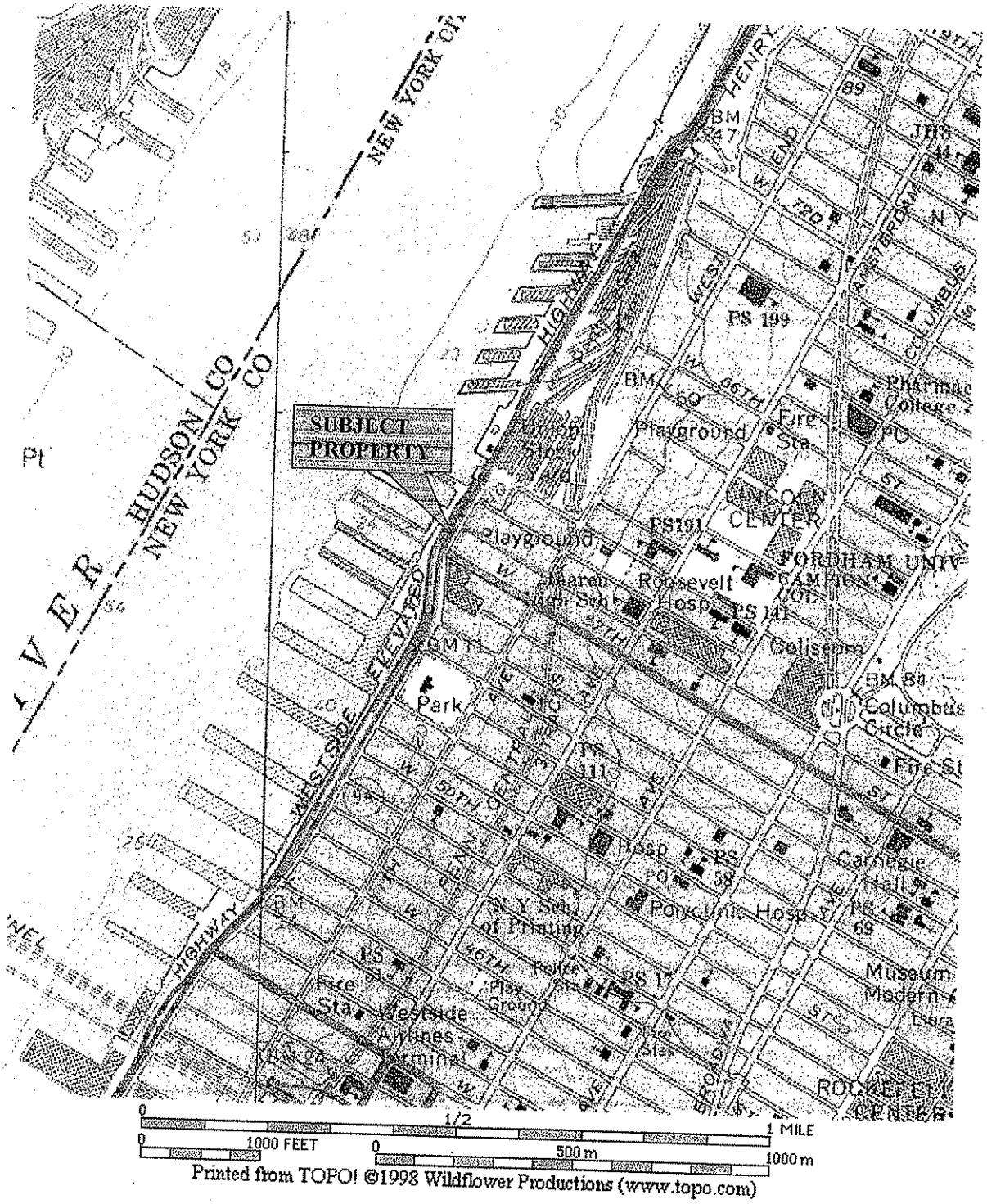

FIGURE 1 – SUBJECT PROPERTY LOCATION MAP

Client: GCI Environmental Advisory	ATC ASSOCIATES INC. 104 East 25th Street, New York, NY 10010-2917
Site Address: W. 57th - W. 58th St./11th and 12th Aves. New York, NY	
Project Number: 16374-0002	**Scale:** As Indicated

Copied From: US Department of the Interior Geological Survey Topographic Map 7.5 Minute Series, Central Park – NY (1966/1979) and Weehawken – NJ (1967/1981) Quadrangles

WEST 58th STREET

12th AVENUE

11th AVENUE

Artkraft Strauss Sign Co.

Airborne Express Parking Area

Airborne Express

Potamkin Service

Driveway

(INACCESSIBLE)

Parking Area

Sidewalk

(INACCESSIBLE)

Goodyear Service Area (2–550gal USTs unknown)

(INACCESSIBLE)

WEST 57th STREET

LEGEND

- SUSPECTED UST
- KNOWN UST
- UST VENT PIPE
- HYDRAULIC LIFT
- UST FILL PORT

0 50' 100' 150' 200'

APPROXIMATE SCALE

VATC ASSOCIATES INC.
ENVIRONMENTAL, GEOTECHNICAL AND MATERIALS PROFESSIONALS
104 E. 25th Street, 10th Floor • New York, NY 10010-2917
(212) 353-8280 • FAX: (212) 353-8306

Title:
AREA OF CONCERN PLAN

Client:
CGI ENVIRONMENTAL ADVISORY

Date:
12/04/98

ATC PROJECT No. 16374.002

Project Name
DURST WEST 57th STREET
NEW YORK N. Y.
FOCUSED SUBSURFACE SITE INVESTIGATION
INVESTIGATION

FIGURE 2

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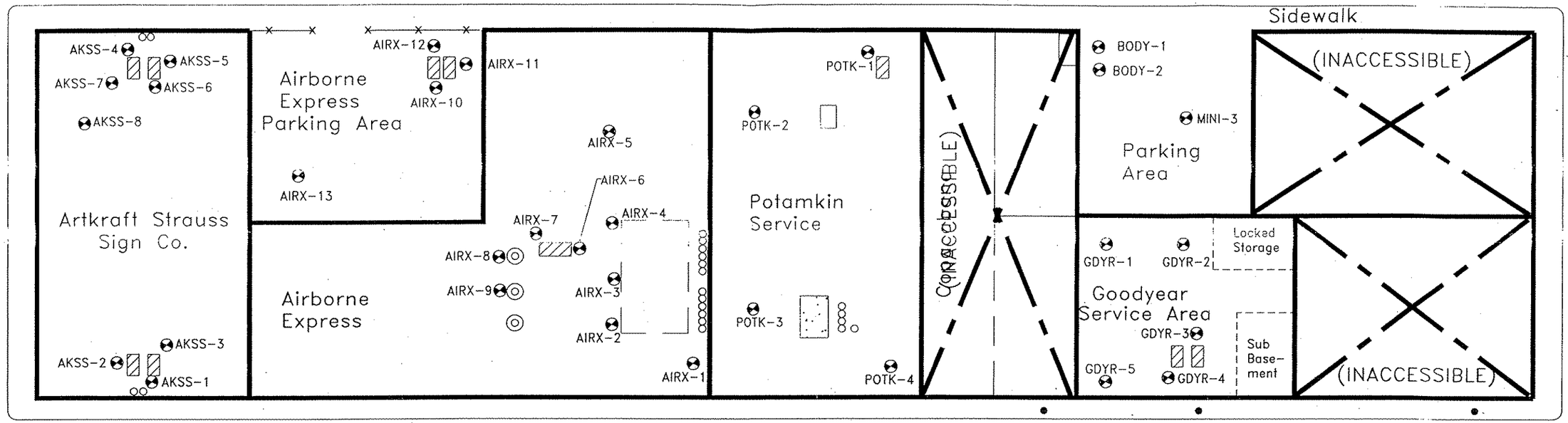
WEST 58th STREET

12th AVENUE

11th AVENUE



WEST 57th STREET

LEGEND

- SUSPECTED UST
- KNOWN UST
- UST VENT PIPE
- HYDRAULIC LIFT
- UST FILL PORT
- SOIL BORING

0 50' 100' 150' 200'

APPROXIMATE SCALE

ATC ASSOCIATES INC.
ENVIRONMENTAL, GEOTECHNICAL AND MATERIALS PROFESSIONALS
104 E. 25th Street, 10th Floor • New York, NY 10010-2917
(212) 353-8280 • FAX: (212) 353-8306

Title:
SOIL BORING LOCATION PLAN

Client:
CGI ENVIRONMENTAL ADVISORY

Date:
12/04/98

ATC PROJECT No. 16374.002

Project Name
DURST WEST 57th STREET
NEW YORK N. Y.
FOCUSED SUBSURFACE SITE INVESTIGATION
INVESTIGATION

FIGURE 3

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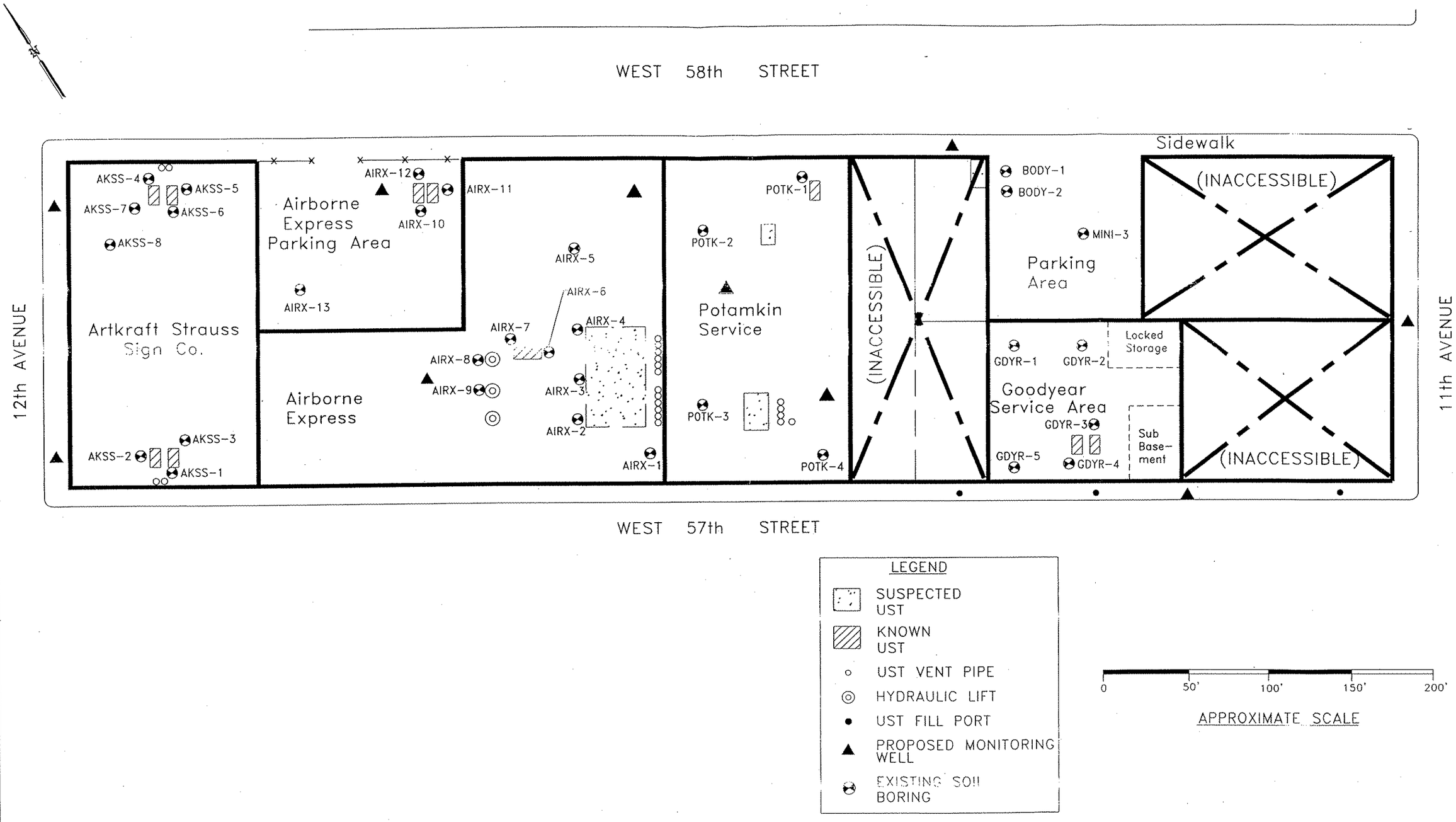

LEGEND

- SUSPECTED UST
- KNOWN UST
- UST VENT PIPE
- HYDRAULIC LIFT
- UST FILL PORT
- PROPOSED MONITORING WELL
- EXISTING SOIL BORING

0 50' 100' 150' 200'

APPROXIMATE SCALE

VATC ASSOCIATES INC.
ENVIRONMENTAL, GEOTECHNICAL AND MATERIALS PROFESSIONALS
104 E. 25th Street, 10th Floor • New York, NY 10010-2917
(212) 353-8280 • FAX: (212) 353-8306

Title:
PROPOSED MONITORING WELL LOCATION PLAN

Client:
CGI ENVIRONMENTAL ADVISORY

Date:
12/04/98

ATC PROJECT No. 16374.002

Project Name
DURST WEST 57th STREET
NEW YORK N. Y.
FOCUSED SUBSURFACE SITE INVESTIGATION
INVESTIGATION

FIGURE 4

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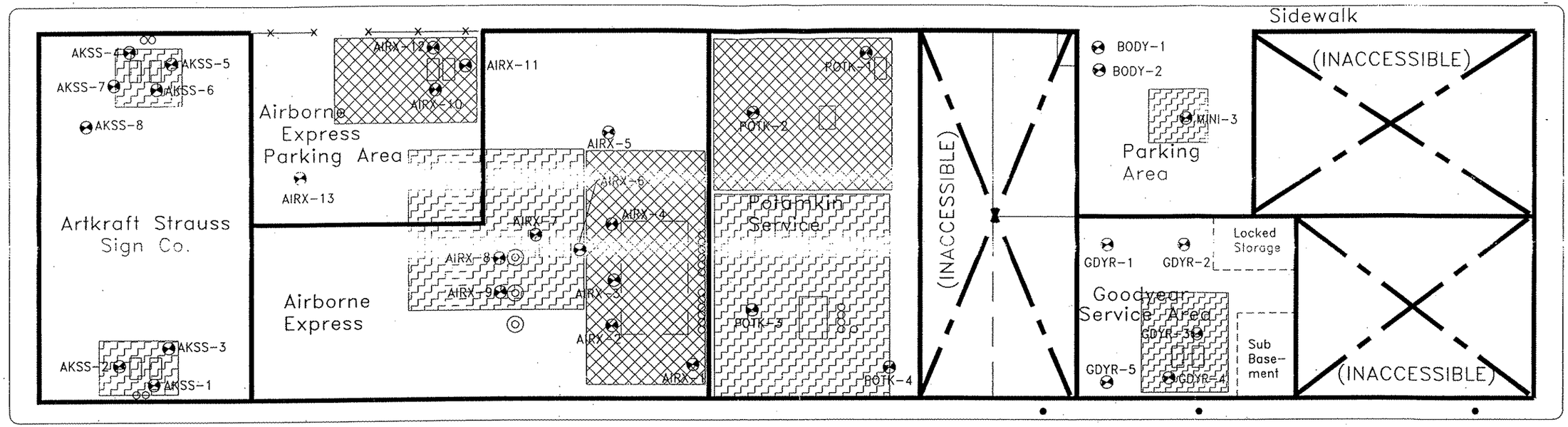
WEST – 58th STREET



WEST – 57th STREET

LEGEND

- CONTAMINATED LAYER (> 10' THICKNESS)
- CONTAMINATED LAYER (<10' THICKNESS)
- UST VENT PIPE
- HYDRAULIC LIFT
- UST FILL PORT
- SOIL BORING

0 50' 100' 150' 200'

APPROXIMATE SCALE

ATC ASSOCIATES INC.
ENVIRONMENTAL, GEOTECHNICAL AND MATERIALS PROFESSIONALS
104 E. 25th Street, 10th Floor • New York, NY 10010-2917
(212) 353-8280 • FAX: (212) 353-8306

Title:
CONTAMINATED SOIL LOCATION PLAN

Client:
CGI ENVIRONMENTAL ADVISORY

Date:
12/04/98

ATC PROJECT No. 16374.002

Project Name
DURST WEST 57th STREET
NEW YORK N. Y.
FOCUSED SUBSURFACE SITE INVESTIGATION
INVESTIGATION

FIGURE 5

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APPENDIX A: FIELD BORING LOGS

DRAFT

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client GCI Project Number 16374-0002	Boring No. B- AKSS-1 Boring location
Driller: Zebra Geologist: Curt Schmidt, P.G.	Location W 57th & 12th Ave NY NY	
Groundwater Observations NA ft AFTER NA hours	casing sampler Type Size I.D. Hammer wt. Hammer Fall	Date Start 10/30/98 Date Complete Surface Elev. Groundwater Elev. NA

Depth	Sample #	Sample Type	Blows per 6" 0-6	6-12	12-18	18-24	density or moist	PID	Field Identification of soil remarks
0									concrete
				18	11		Moist	4.9	brown - HK m-f GRAVEL and coarse SAND, little silt
								33.4	
								111.9	black clayey SILT, little m-f G, little - fine sand some petroleum solvent odor
	AK1-3						very Moist	33.5	same only some - m-f G
4							soft	0.4	
5				43	4				black - dk gray clayey SILT
								1.0	occ. lenses/seams of SILT and sand
								0.3	wood
8									
								0.1	
	AK2-7 -10			34	5				
10							very	0	
							Moist		
12							almost wet	0.1	
				38				0	
							slightly wet		
15							Moist	0	15.5 dk greenish gray clayey SILT
16							V.		occ. Shell frags
									18'
									black - v dk gy CLAY and SILT
				43			very soft		
20									

ground surface to _____ft. used _____ casing then _____ casing to _____ft

A= auger ss: split spoon sampler mc: macrocore HSA: hollow stem auger HA: Hand Auger

Trace: 0-10% Little: 10-20% some: 20-10% c= course m=medium f=fine

DRAFT

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client: GCI W 57th St	Boring No. B- AKSS-2
Driller: ~~[illegible]~~ Zebra Geologist: Curt Schmidt	Project Number 16374-0002	Boring location
Groundwater Observations — ft	Location W 57th & 12th Ave NY, NY	Date Start 10/30/98 Date Complete " Surface Elev. Groundwater Elev.
	casing sampler Type: Size I.D. Hammer wt. Hammer Fall	

	Depth	Sample #	Sample Type	Blows per 6" 0-6	Blows per 6" 6-12	Blows per 6" 12-18	density or moist	PID	Field Identification of soil remarks
									Concrete
							Moist	ø	vdk gy
	1			20" rec			~~wet~~	3.3	dk grayish brown clayey SILT little c-f S, little f S G (slight odor oil/creosote)
5	2						sl. Moist		gray-vdk gy CLAY and SILT
	3								black c-f SAND, some m-f G
10	4						Wet	3.3	-tr silt
	5	AK2-5	-	17"					-5.5 concrete
	6								
15	7								
	8								
20	9								
	10								
	11								
25	12								
	13								
30	14								
	15								
35	16								
	17								
	18								
	19								

refusal @ [illegible] move 3.5 [illegible]
2nd Refusal @ 3'. woo[illegible]
Move [illegible] 3'-4'
3rd refus[illegible] 4.5'
-lots of concrete & Brick[illegible] in 3[illegible]

ground surface to ______ft. used ________ casing then ________ casing to ________ ft
A= auger ss: split spoon sampler mc: macrocore HSA: hollow stem auger HA: Hand Auger
Trace: 0-10% Little: 10-20% some: 20-10%
C= course M=medium F=fine

DRAFT

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client: GCI Project Number 16374-0002	Boring No. B-AK55 3 Boring location 12th 57th 58th
Driller: Geologist: Curt Schmidt	Location W 57th St NY, NY	
Groundwater Observations _____ ft	Type: casing sampler MC Size I.D. Hammer wt. N.A Hammer Fall N.A.	Date Start 10-30-98 Date Complete 10-30-98 Surface Elev. Groundwater Elev.

Depth	Sample #	Sample Type	Blows per 6" 0-6	6-12	12-18	density or moist	PID	Field Identification of soil remarks
								CONCRETE
	1					Very Moist	21.3	grayish brown - dk gray cmf SAND, some cmf G, little silt
5	2		7	11			142.8	2.5-3.5
	3	AK3-2.5				Moist	83.1	black cmf SAND some mf G trace S; dk gray cmf(+) SAND some(+) mf G, 1.5
	4					Firm Sl. Moist	0	same becoming dark gray - dk gy SILT & CLAY
10	5		4	4				occ shell material
	6					Moist Soft	1.4	
15	7						0.5	
	8						0.3	
	9					Very Moist Soft	15.0	lens of dk br. gy SILT & SAND w/some odor at 9
20	10	AK3-3-10					10.0	
	11						8.0	
25	12						1.7	black CLAY and SILT
	13					Very Moist	33.6	w/occ seams/lens of dk brown/dk gray cmf SAND and clayey silt, some f. gravel
30	14						13.1	
	15							
35	16							
	17							
	18							
	19							

ground surface to _____ ft. used _____ casing then _____ casing to _____ ft

A= auger ss: split spoon sampler mc: macrocore HSA: hollow stem auger HA: Hand Auger

Trace: 0-10% Little: 10-20% some: 20-10%

C= course M=medium F=fine

DRAFT

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client: GCI	Boring No. B- AK3S-4
Driller: Geologist:	Project Number 16374.0002 Location W 57th St & 12th Ave NY, NY	Boring location 57th ← USTs → X4 58th ↗N
Groundwater Observations — ft	casing sampler Type: Size I.D. Hammer wt. Hammer Fall	Date Start 10-30-98 Date Complete 10-30-98 Surface Elev. Groundwater Elev.

Depth	Sample #	Sample Type	Blows per 6" 0-6	Blows per 6" 6-12	Blows per 6" 12-18	density or moist	PID	Field Identification of soil remarks
							0	Concrete
1			19"	1st			0	lt grayish brown - dk gy c/m/f SAND, l. m/f G, t(+) S
2			32				0	mica, det. schist
8 3							6.4	becoming brown
4							11.1	same dark gray clayey SILT,
10 5			44"				7.2	some m/f SAND
6								
15 7	AK4-7		37"			wet	61.6 101.8	
8							7.6	v. dk gy c/m/f SAND, l.(+) m/f S(+) G
9								l. S mica & schist frag
20 10						Moist	16.8	dk gy brown c/m/f(+) SAND, l. m/f G, l. S becoming
11							4.3	m/f S and S, some c/m/f G
25 12	AK4-12					very moist w/ wet seams	0	dark gray m/f SAND, little silt & rare fine gravel
13			44"				1.4	mica, det. schist
14							6.8	
30 15							8.5	15.4 - black CLAY and SILT
							0	16 to silty CLAY
16								
35 17								
18								
19								

refusal @

ground surface to ______ft. used__________ casing then________casing to __________ft

A= auger ss: split spoon sampler mc: macrocore HSA: hollow stem auger HA: Hand Auger

Trace: 0-10% Little: 10-20% some: 20-10%

C= course M=medium F=fine

DRAFT

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client: G-CI - Durst W 57th St Project Number: 16374-0002	Boring No. B- AKSS-5 Boring location: (sketch: points 1, 2, 3, 4, 5; ↙N; 57th St)
Driller: Scott Geologist: Curt Schmidt Groundwater Observations _______ ft	Location: W 57th St & 12th Ave, NY, NY casing sampler Type: Size I.D. Hammer wt. Hammer Fall	Date Start 11/2/98 Date Complete 11/2/98 Surface Elev. Groundwater Elev.

Depth	Sample #	Sample Type	Blows per 6" 0-6	6-12	12-18	density or moist	PID	Field Identification of soil remarks
							0.2	Concrete dk br-gray cmf SAND l. cf G, t. a5
1				31		Moist soft	0.3	brick frags, mica
2							0.3	dkgy-brown cmf SAND, l.(-) cmf G, l. 5 schist frags
3							0	mica - No
4				36				Same
5							14.4	brick frags, dkgray cmf SAND becoming
6							36.1 / 63	vdkgy cmf(+) SAND, l.+5, trace cfG
7	AK5-7						57.3	faint odor gasoline
8						very moist / moist firm	7.1	same but more wet dk gray (7.5YR 4/1) cmf(+) SAND
9				37			8.5	l.(+) cf S, l. cmf G laminate
10						Wet	0.4	dk gray - vdk gray mf SAND, l. mf G, l.(-) Silt No odor, tr. c sand
11	AK5-11						0	
12							0	
13				41		Wet	0	
14						Soft	0	
15								↓
16								
17				9"		Wet	4.6	Same only w/slight sheen - maybe collapse
18								
19								EOB = 20'

ground surface to _______ ft. used__________ casing then_________casing to __________ft

A= auger ss: split spoon sampler mc: macrocore HSA: hollow stem auger HA: Hand Auger

Trace: 0-10% Little: 10-20% some: 20-10%

C= course M=medium F=fine

DRAFT

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client: GCI	Boring No. B- AKSS-6
Driller: Scott Geologist: Curt S.	Project Number 16374-0002	Boring location 57th St / 12th Ave
Groundwater Observations ~~[illegible]~~ ft 12-13	Location W. 57th & 12th Ave New York, NY casing sampler Type: MC Size I.D. Hammer wt. NA Hammer Fall NA	Date Start 11/2/98 Date Complete 11/2/98 Surface Elev. Groundwater Elev.

Depth	Sample #	Type	Blows per 6" 0-6	6-12	12-18	density or moist	PID	Field Identification of soil remarks
								concrete
						sl. Moist	21.3	dk gy c-m-f SAND, some c-m-f G, tr S
1			18" Rec 1st				86.9 / 13.4	brick
			27" " 2nd					concrete
2							~~[illegible]~~ 134.3	~~red~~ yellow c-m-f SAND, l. c-m-f G, l.(-) S
3							~~[illegible]~~ 194.8	black-dk gy c-m-f SAND, some c-m-f G
4	AK6 3.5					sl. Moist	138.6	same
5				33		soft	97.2	gray-dk gy c-m-f SAND and c-m-f GRAVEL l. S - mica, deteriorated schist
6						moist compacted stiff	35.0	dk gy m-f SAND and SILT little(-) m-f g.
7							6.6	
8							123.7	dk gy (dk gy brown) c-m-f SAND, l. m-f G l.(-) S mica
				37			137.2	
9						Moist	~~[illegible]~~ 7.2	dk greenish gray SILT and CLAY
10						~~[illegible]~~	7.2	black-dk gy c-m-f SAND and c-m-f GRAVEL, tr S schist
						wet	0.5	
11	AK6-11					very Moist		
12						wet	110.5	black c-m-f GRAVEL and c-m-f SAND slight gas
13				37		wet loose	33.3	~~brown c-m-f SAND, l. S - no odor~~ dk gy-black c-m-f SAND, l.(+) m-f G l. S schist, mica No odor
14							8.2	
15							1.8	
16								No Recovery - driller says there is minimal resistance 16-22', resistance 22-24' but no sample recovered, just water - no sheen
17				0				
18								
19								
20								

refusal @ 2'

strong gasoline odor

ground surface to ____ ft. 0 used ________ casing then ________ casing to ________ ft

A= auger ss: split spoon sampler mc: macrocore HSA: hollow stem auger HA: Hand Auger

Trace: 0-10% Little: 10-20% some: 20-10%

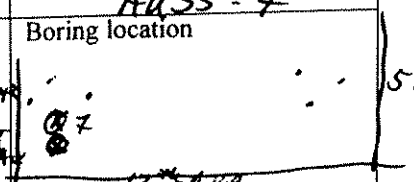
C= course M=medium F=fine

24

EOB = 24'

DRAFT

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client: GCT - W57th St Project Number 16374-0002 Location W 57th - W 58th & 12th Ave New York, NY	Boring No. B-AKSS-7 Boring location Date Start 11-2-98 Date Complete 11/2/98 Surface Elev. Groundwater Elev.
Driller: Zebra (Scott) Geologist: Curt Schmidt Groundwater Observations _____ ft	casing sampler Type: Size I.D. Hammer wt. Hammer Fall	



Depth	Sample #	Sample Type	Blows per 6" 0-6	6-12	12-18	density or moist	PID	Field Identification of soil remarks
1							0	Concrete
			30"			SL. Moist	0	dk gray c m f SAND
2						loose	0	little m f G, tr S
							0	brown c m (f) SAND, some m f gravel, tr S
3							0.1	becoming black - dk gray c m f SAND, some m f (c) G, l.S No Odor
4							0.2	same
5			42"			Moist	0.4	5-8 r. dk gy clayey SILT, some m f sand, l center of micaceous sand/gravel
6							7.8	
7							105.1	7.7-8.0 black c m f S, s. m f G tr S odor
8	AK7-7.7							same as 5-8-7.7 no odor
9			58"			Moist very slow	0.7	r. dk gy - dk gy c m f SAND, some c l S, little m f G
10	AK7-9.5						1.0	
11						Wet Moist	0.9	black - dk gy c m f S l. m f G mica ... slight odor in brown - dk gy c m f S SAND, l.S, tr f G mica ~1" seam
12							27.2	
13			48"			Wet very Soft	0	dk gray (c) m f SAND, l.S
14							0	l. (-) m f G
15							0	
16								
17			0 rec.					
18								
19								
20								

ground surface to _____ft. used _____ casing then _____ casing to _____ft

A= auger ss: split spoon sampler mc: macrocore HSA: hollow stem auger HA: Hand Auger

Trace: 0-10% Little: 10-20% some: 20-10%

C= course M=medium F=fine

DRAFT

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client: GCI - W 57th St.	Boring No. B-AKSS-8
Driller: Geologist:	Project Number 16374-0002 Location 12th Ave, between W 57th & W 58th NY, NY	Boring location
Groundwater Observations _______ ft	Type: casing sampler MC Size I.D. Hammer wt. Hammer Fall	Date Start 12th Ave Date Complete 11/2/88 Surface Elev. Groundwater Elev.

Depth	Sample #	Sample Type	Blows per 6" 0-6	6-12	12-18	density or moist	PID	Field Identification of soil remarks
								Concrete
1							0.7	white-gray cmf(+) SAND some mfG l. S - det. concrete
2				34"		sl. Moist	0.5	brown cmf SAND, l(+) mfG, tr S
3						Loose	0.5	black cmf SAND, l. mf(+)G tr(+) S
							0.5	to dk gray mica on bottom 3"
4								same
5				37"			0.6	
6							0.5	dk gray cmf(+) SAND l(+) cl S, l. mfG
7						Moist soft	0.4	brown-v dk gy cm(+)mf SAND, l. mfG, tr S
8						very Moist to wet	0.5	
9				37.5"			0	dk gray cmf SAND, l. mf(+)G, l. S mica
10						Moist	0	
11	AK 8-11					very moist	0.1	
12						Wet	0.2	Same
13						Wet	0.1	black - dk gray cmf SAND, l.-s. cmf gravel, tr S no od
14							0.3	gray to brown cmf(+) SAND, little(-) silt, trace fG
15						very Moist	0.1	
16							0	black - dk gy cmf SAND some mfG, tr S
17						Wet	0	
18							0.1	dk gray - cmf(+) SAND, l(-) S, dk brownish gy tr fG
19						very Moist	0	
20								

ground surface to _______ ft. used __________ casing then ________ casing to __________ ft

A= auger ss: split spoon sampler mc: macrocore HSA: hollow stem auger HA: Hand Auger

Trace: 0-10% Little: 10-20% some: 20-10%

C= course M=medium F=fine

DRA[illegible]

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client GCI	Boring No. B-AIRX-1
	Project Number 16374-0002	Boring location
Driller: Zebra Geologist: Curt Schmidt, P.G.	Location Airborne Express W 57th St. NY NY	Date Start 10/29/98 Date Complete Surface Elev. Groundwater Elev. NA
Groundwater Observations NA ft AFTER NA hours	casing sampler Type Size I.D. Hammer wt. Hammer Fall	

Depth	Sample #	Type	Blows per 6" (0-6 / 6-12 / 12-18 / 18-24)	density or moist	PID	Field Identification of soil remarks
0						Concrete
			15" rec/3'	sl. moist	0	v dk gy c+m+f S, little f G, tr S
					0	brownish yellow c+m+f S, little (+) m+f G, tr S — 1st refusal 3' move ~3'
					0	gray c+m+f S, l. S, l. m+f G
4				dry	0	brown m+f S l. S, tr m+f G
5				Moist	0	mica
			23"		1.1	to black - v dk gy same w/ shell material
					0	
8					6.9	same w/concrete
			42"		23	
				Moist to v. moist	95	blk to dk gray c+m+f S little (+) m+f G, little silt
10	AX-1-9				76	sulfur odor @ 10' gasoline @ 11-12
12			30"	Moist to v. moist	111	v dk gy - dk brown c+m+f S and m+f G, tr S gas odor
					89	
	~~AX-1-15~~			wet @ 15'	85.8	dk gy to black
15	AX-1-15				79.6	c+m+f (+) S, s. m+f G,
					83.7	little silt
			23"		23.4	cinders & ash
					~~27.6~~	gas odor
					16.7	
						EOB = 20'
20						

ground surface to ____ ft. used ____ casing then ____ casing to ____ ft

A= auger ss: split spoon sampler mc: macrocore HSA: hollow stem auger HA: Hand Auger

Trace: 0-10% Little: 10-20% some: 20-10% c= course m=medium f=fine

DRAFT

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client GCI Project Number 16374-0002	Boring No. B- AIRX-2 Boring location
Driller: Zebra Geologist: Curt Schmidt, P.G.	Location Airborne Express W 57th St, NY, NY	
Groundwater Observations NA ft AFTER NA hours	casing sampler Type Size I.D. Hammer wt. Hammer Fall	Date Start 10/29/98 Date Complete Surface Elev. Groundwater Elev. NA

Depth	Sample #	Type	Blows per 6" 0-6	6-12	12-18	18-24	density or moist	PID	Field Identification of soil remarks
0								0	~~concrete~~ v dk gy c-m-f S, l. SG, tr S
			34"					0	~~to~~ brown
								2.3	gray c-m-f SAND, some(-) m-f G, tr silt, mica schist frags
								11.3	brown m-f SAND, l. S
4							sl. moist	18.9	gray c-m-f S and c-m-f G, tr S, sl. odor of old gasoline
5			40"					42.3	
	~~AX-2-6~~							12.6	to dk brown black c-m-f(-) SAND, l. SG, tr S
8							Moist	79	gray to v dk gy c-m-f SAND, little(+) c-m-f G, little silt, cinders & ash, gasoline odor
								85	
10			38"				v. moist	98	
								72	
12								64	
			31"					58	
								111	
15									EOB = 16'
20									

ground surface to ______ft. used ______ casing then ______ casing to ______ ft
A= auger ss: split spoon sampler mc: macrocore HSA: hollow stem auger HA: Hand Auger
Trace: 0-10% Little: 10-20% some: 20-10% c= course m=medium f=fine

DRAFT

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client GCI	Boring No. B-AIRX-3
	Project Number 16374-0002	Boring location
Driller: Zebra Geologist: Curt Schmidt, P.G.	Location Airborne Express W. 57th St	
Groundwater Observations NA ft AFTER NA hours	casing sampler Type Size I.D. Hammer wt. Hammer Fall	Date Start 10/22/98 Date Complete Surface Elev. Groundwater Elev. NA

Depth	Sample #	Sample Type	Blows per 6" 0-6	6-12	12-18	18-24	density or moist	PID	Field Identification of soil remarks
0									Concrete
							Vr. Moist	0	rdkg-blk CHMS sand mS + GRAVEL +f3, schist No odor
			31	27				35.8	dk gray crs-fine SAND, little f G, trace S
							Moist	12.0	gasoline odor
4								76	rdk gray to gray crs-f SAND, some crs C to S occ brick frags, schist & mica
5			9	14					
8							Moist	112.0	black to dk gray crs(f) SAND, little organic clays silt, trace fine gravel
10			6	5	4	4			dk gray to blk brownish gray
								119.7	crs-f SAND, little(+) crs-f G, little silt cinders, ash, coal, metal scrap
12									gasoline odor
							Very Moist		
	A+3-14		20	11				108.7	becoming CHMS SAND and mS GRAVEL trace m silt
15							Wet		
16									EOB = 16'
20									

ground surface to _____ft. used_____ casing then_____casing to _____ft

A= auger ss: split spoon sampler mc: macrocore HSA: hollow stem auger HA: Hand Auger

Trace: 0-10% Little: 10-20% some: 20-10% c= course m=medium f=fine

DRAFT

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client GCI	Boring No. B-AIRX-4
	Project Number 16374-0002	Boring location
Driller: Zebra Geologist: Curt Schmidt, P.G.	Location Airborne Express W. 57th St. NY NY	
Groundwater Observations NA ft AFTER NA hours	casing sampler Type Size I.D. Hammer wt. Hammer Fall	Date Start 10/29/98 Date Complete Surface Elev. Groundwater Elev. NA

Depth	Sample #	Sample Type	Blows per 6" 0-6	6-12	12-18	18-24	density or moist	PID	Field Identification of soil remarks
0									Concrete
							Moist	0	dk gy cmS, some mSHG to 3
			32					30.3	brown mSSAND, little S
	AX4-3								dk gray cmS, l. mSG to S
								128.6	dk gray-gray cmS(H) SAND, l. S trace
5			35						v dk gray cmS SAND l(H) mSG (in layers), l. S
									= concrete
									Same
									= layer under
10			37"						gray to v. dk gy to dk brown cmS SAND, some mSG little S
							Wet @ 13'		
			34"				moist	14.5	dk gray mSSAND, little silt
15							V.	81.0	(less odor
20									

ground surface to _____ft. used_____ casing then_____ casing to _____ft

A= auger ss: split spoon sampler mc: macrocore HSA: hollow stem auger HA: Hand Auger

Trace: 0-10% Little: 10-20% some: 20-30% c= course m=medium f=fine

DRAFT

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client GCI	Boring No. B-AIRX 5
	Project Number 16374-0002	Boring location
Driller: Zebra Geologist: Curt Schmidt, P.G.	Location Airborne Express W. 57th St	
Groundwater Observations NA ft AFTER NA hours	casing sampler Type Size I.D. Hammer wt. Hammer Fall	Date Start 10/29/98 Date Complete 10/29/98 Surface Elev. Groundwater Elev. NA

Depth	Sample #	Sample Type	Blows per 6" 0-6	6-12	12-18	18-24	density or moist	PID	Field Identification of soil remarks
0								0	4" Concrete little f-m SG
								2.8	dk gray cmSGS, little S brick frags
			40"				Most	2.2	gray cmSSAND, little S
								3.9	blackcmfSAND, l.fG, l.S
								25.8	old concrete cmSSaG overtrabbag odor
5								31.6	white gray
			37"				Moist	23.4	olive gray cmSS, l.S, tr mSG
								5.7	to wet
								10.4	Same
			34"				Wet to very wet	75.9	
10								125	black to gray
								121.7	cmS SAND, some f-m cmSGravel, little silt
								135.8	odors coal ash
			36"				~13.5		
							Wet	134.3	
15									
16									EOB = 16'
20									

AX 5-11

ground surface to _____ft. used_____ casing then_____casing to _____ft

A= auger ss: split spoon sampler mc: macrocore HSA: hollow stem auger HA: Hand Auger

Trace: 0-10% Little: 10-20% some: 20-10% c= course m=medium f=fine

DRAFT

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client GEI	Boring No. B-AIRX-6
	Project Number 16374-0002	Boring location Fuel Oil 6 x 0 UST
Driller: Zebra Geologist: Curt Schmidt, P.G.	Location Airborne Express W 57th St. NY, NY	
Groundwater Observations NA ft AFTER NA hours	casing sampler Type Size I.D. Hammer wt. Hammer Fall	Date Start Date Complete Surface Elev. Groundwater Elev. NA

Depth	Sample #	Sample Type	Blows per 6" 0-6	6-12	12-18	18-24	density or moist	PID	Field Identification of soil remarks
0			29	4			sl. moist	0.5	black-brown cr-f SAND, little m-c G, trace S
								0.4	brown m-f SAND, little f-c G, trace S, ground
								0.5	
								0.7	gray-dk gray cr-f SAND, little m-c G, trace S w/brick frags
5			44	4				53.5	
								1.2	dk gray m-f SAND little silt
			23	11				6.7	
10								10.2	
								123	
							very moist	133	gray to dk gray cr-f SAND, little f-c G, little silt
15	AX6= 15						wet in tip	137	ground.
20									

ground surface to _____ ft. used _____ casing then _____ casing to _____ ft

A= auger ss: split spoon sampler mc: macrocore HSA: hollow stem auger HA: Hand Auger

Trace: 0-10% Little: 10-20% some: 20-10% c= course m=medium f=fine

DRAFT

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client GCI	Boring No. B-AIRX-7
	Project Number 16374-0002	Boring location
Driller: Zebra Geologist: Curt Schmidt, P.G.	Location Airborne Express W. 57th St. NY, NY	
Groundwater Observations NA ft AFTER NA hours	casing sampler Type Size I.D. Hammer wt. Hammer Fall	Date Start 10/30/98 Date Complete 10/30/98 Surface Elev. Groundwater Elev. NA

Depth	Sample #	Sample Type	Blows per 6" 0-6	6-12	12-18	18-24	density or moist	PID	Field Identification of soil remarks
0								0.1	dk gy - v dk gy c m f SAND, some (+) c m f gravel, tr f
				27"				0	brown - dk brown c m f (+) SAND, little silt, little GM f G
								0	
4							sl. moist compact	0.7	brown to dk gy c m f SAND little silt trace m f gravel
5								16.7	olive gray to dk gy c m f SAND, little f to c G
				44"				0.6	trace silt, mica, schist frags
8								4.0	Same
								16.0	
10				35"				1.0	
12								16.7	
	AX7-13			30"				26.7	
15	AX7-15						Very Moist to Wet	201.9	Black c m f SAND, some f to c G, little odor (gasoline
16									
				33"			Wet		v dk gy m f SAND, little (+) silt trace f G
20									EOB = 20'

ground surface to _____ft. used _____ casing then _____ casing to _____ft

A= auger ss: split spoon sampler mc: macrocore HSA: hollow stem auger HA: Hand Auger

Trace: 0-10% Little: 10-20% some: 20-10% c= course m=medium f=fine

DRAFT

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client: GCI	Boring No. B-AIRX 8
	Project Number 16374-0002	Boring location
Driller: Geologist:	Location AIRBORNE EXPRESS W 57TH ST NY NY	
Groundwater Observations _____ ft	casing sampler Type: Size I.D. Hammer wt. Hammer Fall	Date Start 10-30-98 Date Complete Surface Elev. Groundwater Elev.

Depth	Sample #	Sample Type	Blows per 6" 0-6	6-12	12-18	density or moist	PID	Field Identification of soil remarks
							0	Concrete
	1			31		soft dry	0.1	Asphalt PVMNT
	2							dk gray cmSASAND
5	3						0	brown little silt, little cmSG
	4						0.2	brown (same)
10	5			44			4.6	same
	6						8.4	dk gray mSSAND, little occ. cm gravel
	7						4.9	red cmSS, trS, (def. brick
15	8						9.4	same dk gr trSG
	9			36			8.6	same
20	10							red brick frags
	11					very moist compacted from moist loose	11.4	gray-dk gray cmSAND some mSG, little gravel
25	12						125.2	same
	13			25			2200	
	14						140.8	
30	15					becoming wet	133.3	same
	16					very moist	136.6	
35	17			33				dk brown gray cmSSAND, some cmSG, trS
	18					wet	19.9	
	19						3.6	
	20							

ground surface to _____ft. used_____ casing then_____ casing to _____ft

A= auger ss: split spoon sample mc: macrocore HSA: hollow stem auger HA: Hand Auger

Trace: 0-10% Little: 10-20% some: 20-10%

C= course M=medium F=fine

DRAFT

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client: G.C.I. Project Number: 16374-0002	Boring No. B- AIRX-9 Boring location
Driller: Geologist:	Location: AIRBORNE EXPRESS W 57th St, NY NY	
Groundwater Observations _______ ft	casing sampler Type: Size I.D. Hammer wt. Hammer Fall	Date Start 10-30-98 Date Complete Surface Elev. Groundwater Elev.

	Depth	Sample #	Sample Type	Blows per 6" 0-6	Blows per 6" 6-12	Blows per 6" 12-18	density or moist	PID	Field Identification of soil remarks
									Concrete
	1						dry - sl M	0	vdk gy - blk c m f SAND, l S G (C) S
	2			27			loose	0	br gray - gy brown c m f SAND, l. c m f G, 1.5
6	3							0	brn dry gy c m f + l S, 1.5 tr m S G
	4							0	mica flecks
10	5						Sl	0	gray - brngy m f SAND 1.5
	6			36			Moist	.9	
15	7						loose	1.1	gray - dkgray c m f SAND, gray (occ. red) l. m f + G, tr S
	8						Moist	13.3	mica, brick, concrete
	9							35.8	
20	10			37			very	42.8	
	11						Moist compacted	150	dk gray m f SAND 1.5 slight gasoline odor
25	12						firm	4.2	gray - dkgray c m f + SAND, l. c m f G
	13						Moist	62.2	1.5 strong gasoline odor
	14							211.6	
30	15							219.8	
	16						wet	130.8	Same only coarser & wetter
35	17							131.2	
	18							110.8	
	19							4.8	

ground surface to _______ ft. used __________ casing then ________ casing to _________ ft

A= auger ss: split spoon sampler mc: macrocore HSA: hollow stem auger HA: Hand Auger

Trace: 0-10% Little: 10-20% some: 20-10%

C= course M=medium F=fine

DRAFT

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client: G.C.I	Boring No. B- AIRX-10
	Project Number 16374-0002	Boring location
Driller: Geologist:	Location AIRBORNE EXPRESS W 57th St. NY, NY	
Groundwater Observations _______ ft	casing sampler Type: Size I.D. Hammer wt. Hammer Fall	Date Start } 11/2/98 Date Complete } Surface Elev. Groundwater Elev.

Depth		Sample #	Type	Blows per 6" 0-6	6-12	12-18	density or moist	PID	Field Identification of soil remarks
									3" pvmnt
	1			15"			dry - sl moist	1.3	black-brown cmf S, some mf G, tr S yellow m(+)f SAND
	2							0.9	coarse gravel in tip
	3								
	4								brown grayish brown cmf(+) SAND, l.(+) mfG, tr S
10	5			35"			Moist loose	1.2	
	6							62.9	dk gy - brownish gray c-m f(+) SAND, l.(+) S, l. mfG gasoline odor
15	7						Moist	128.6	
	8							69.4	dk grayish brown, c(-)mf SAND l. S, tr(+) f G
	9			33"					
20	10							23.0	dk gray cmf SAND, l. S mica
	11							6.4	gray - dk gray mf(+) SAND, l.(+)S
								2.7	to gray " " c(-)mf SAND, l.(-)S, l. mfG mica
25	12							5.0	same slight odor 15-13.5'
	13			42"				86.3	grayish brown mf SAND, l.(+) mfG l. S No odor
30	14						v. moist	8.1	
	15							31'	grayish brown to dk gray cmf SAND, l.(+) mfG tr(+) S
	16						very moist	0	
35	17			30"			to wet	0	
	18						firm	0	
	19						↓		
	20								

ground surface to ______ ft. used ________ casing then ________ casing to ________ ft

A= auger ss: split spoon sampler mc: macrocore HSA: hollow stem auger HA: Hand Auger

Trace: 0-10% Little: 10-20% some: 20-10%

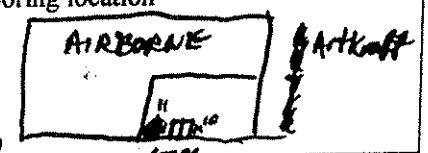
C= course M=medium F=fine

28" wet soft 0 0 0

dk gray c(-)mf SAND, l.(+) mfG, l.(-)S

24

DRAFT

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client GCI (W57th St)	Boring No. B-AIRK-11
	Project Number 16374-0002	Boring location 
Driller: Zebra Geologist: Curt Schmidt, P.G.	Location Airborne Express W. 58th St New York NY	
Groundwater Observations NA ft AFTER NA hours	Type MC casing sampler Size I.D. Hammer wt. Hammer Fall	Date Start Date Complete 11/4/08 Surface Elev. Groundwater Elev. NA

Depth	Sample #	Sample Type	Blows per 6" 0-6	6-12	12-18	18-24	density or moist	PID	Field Identification of soil remarks
0									3-4" Asphalt
									bluestone
1							dry loose	0	v dk gy to dk gy cmSSAND, some cmSG tr S
2			18	1/3					
3							loose	0	brick gray-dk gy cmS SAND and cmS GRAVEL det. schist
4							sl. Moist Firm	4.5	brown cmS(f-t) SAND, l(t) mSTRG, l.5
5								50.8	concrete frags
									some, only w gasoline odor
6								162.3	
7							very moist	174.0	brown/gray cmS SAND, some f-cmS G tr. S, brick, schist strong gasoline odor
8								103.6	
9									mottled gray & brown cmS(f-t) SAND
								81.6	l, 5, tr f-mSG
10								85.5	
							very moist	63.6	dark gray mS SAND, l.5
11									
12								60	refusal @ 12'
13									
14									
15									
16									
17									
18									
19									
20									
21									

ground surface to _____ ft. used _____ casing then _____ casing to _____ ft

A= auger ss: split spoon sampler mc: macrocore HSA: hollow stem auger HA: Hand Auger

Trace: 0-10% Little: 10-25% Some: 25-35% And: 35-50% c= course m=medium f=fine

DRAFT

ATC Associates Inc.
104 East 25th Street
New York, NY 10010
212-353-8280

Driller: Zebra
Geologist: Curt Schmidt, P.G.

Groundwater Observations
NA ft AFTER NA hours

Client GCT

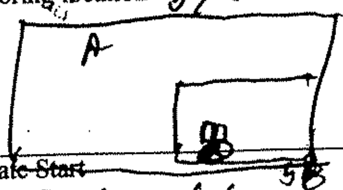
Project Number 16374-0002

Location Airborne Express W 57th Street, NY, NY

	casing	sampler
Type		
Size I.D.		
Hammer wt.		
Hammer Fall		

Boring No. B- ARX 12

Boring location 57th



~~Date Start~~
Date Complete 11/4/98
Surface Elev.
Groundwater Elev. NA

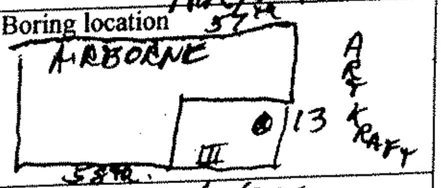
Depth	Sample #	Type	Blows per 6" 0-6	6-12	12-18	18-24	density or moist	PID	Field Identification of soil remarks
0									Asphalt pvmnt / stone
1							sl. moist loose	0	black-dkgy c-f SAND, some m-f G, tr S
2							stiff moist	0	
3				22"				0	
4								0	brick / gray-dk gray c-f SAND, l. m-f G, tr. S mica & schist frags
5								0	
6				35"				0	
7							very moist	0	brown (mottled) m-f SAND, l. S, tr. f G tr C sand
8							stiff moist	0	gray-brownish gray c-f SAND l. m-f G, l. S, schist frags & mica
9				30"			soft		
10							stiff		
11							very moist	2.3	
12								0.5	driller reports void or soft sediment sampler drops under weight of rods
13									
14									
15								13.4	
16								126	vdk gy c-f SAND and c-f GRAVEL strong odor
17					28"		wet	102.4	
18									
19								118.1	
20									

Note soft or void 13-? So sample 12-2[illegible]

ground surface to ______ ft. used ______ casing then ______ casing to ______ ft
A= auger ss: split spoon sampler mc: macrocore HSA: hollow stem auger HA: Hand Auger
Trace: 0-10% Little: 10-25% Some: 25-35% And: 35-50% c= course m=medium f=fine

DRAFT

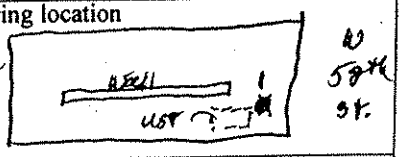
ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client GCI Project Number 16374-0002	Boring No. B- AIRX-13 Boring location
Driller: Zebra Geologist: Curt Schmidt, P.G.	Location Airborne Express W. 57th St, NY, NY	
Groundwater Observations NA ft AFTER NA hours	casing sampler Type Size I.D. Hammer wt. Hammer Fall	Date Start 11/4/98 Date Complete Surface Elev. Groundwater Elev. NA



Depth	Sample #	Sample Type	Blows per 6" 0-6	6-12	12-18	18-24	density or moist	PID	Field Identification of soil remarks
0									ASPHALT No soil samp Concrete ↓
							loose sl. moist	0	dk gray c-m-f SAND, some c-m-f gravel tr. S
5	25								
6								0	overlying black c-m-f SAND and m-f G to clayey silt
7									cobble or c-m-f G
8							sl. moist soft loose	0 / 1.0	
9								0	cobble or c-m-f G grayish brown-gray c-m-f SAND, some (-) m-f G, tr. S mica, saturated
10								0	reddish brown-brown c-m-f SAND, l. c-m-f G, l. d S
11								0	gray-gy brown c-m-f SAND, l. m-f G, tr. S mica
12									again sample sank to 16-20'
15							wet	0	gray-dk gray c-m-f SAND, some (-) c-m-f G, trace silt
							very moist sl. firm stiff	0	-18'- black to gray (mottled CLAY and SILT
20									

ground surface to ______ ft. used __________ casing then ________ casing to ________ ft
A= auger ss: split spoon sampler mc: macrocore HSA: hollow stem auger HA: Hand Auger
Trace: 0-10% Little: 10-25% Some: 25-35% And: 35-50% c= course m=medium f=fine

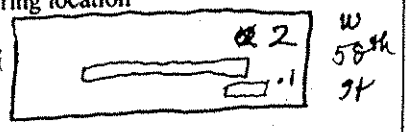
DRAFT

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client: G.C.I. Environmental Advisory	Boring No. B- POTK-1
	Project Number: 16374-0002	Boring location 
Driller: Zebra Environmental Geologist: Curt Schmidt, P.G.	Location: West 57th Street New York, NY	
Groundwater Observations NA ft AFTER NA hours	casing sampler Type MC Size I.D. 1.5"	Date Start: 11/14/98 Date Complete: 11/14/98 Surface Elev. Groundwater Elev. NA

Depth (feet)	Sample #	Sample Type	Recovery	density moist	PID	Field Identification of Soil	Remarks
0			6"	loose dry	0 0 0 0	CONCRETE FLOOR (6") brownish yellow cm(+)f SAND, little mf gravel, trace silt; concrete frags	No Odor
4			23"	loose Moist	0 0 0 0	brownish gray cmf SAND, some(-) mf gravel, trace silt; wood, cinders, slag	No Odor
8	PO1-10		30"	loose Moist	2.3 10.6 317.8 472	grayish brown cmf(+) SAND, some(-) cmf gravel, little(-) silt; cinders, ash, coal	No Odor Petroleum Odor below 10'
12	PO1-15		36"	loose Moist very Moist	199.9 364 1400	Same as above dark gray to very dark gray cmf SAND, some mf gravel, little silt; cinders, ash, coal	Very Strong Petroleum/Solvent Odor
16			20"	Wet	398 1460	Same as 15' above	liner stuck in corer
20						END OF BORING = 20 ft.	

MC: macrocore
tr.=trace = 0-10% l.=little = 10-20% s.=some = 20-35% and = 35-50%; c = course m = medium f = fine

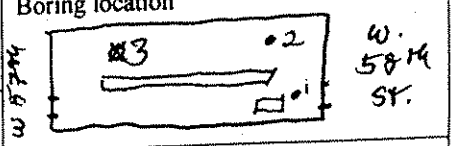
DRAFT

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client: G.C.I. Environmental Advisory	Boring No. B-POTK-2
	Project Number: 16374-0002	Boring location 
Driller: Zebra Environmental Geologist: Curt Schmidt, P.G.	Location: West 57th Street New York, NY	
Groundwater Observations NA ft AFTER NA hours	casing sampler Type MC Size I.D. 1.5"	Date Start: 3 11/14/98 Date Complete: Surface Elev. Groundwater Elev. NA

Depth (feet)	Sample #	Sample Type	Recovery	density moist	PID	Field Identification of Soil	Remarks
0			28"	Loose Moist	536	6" Concrete gray cmf SAND over 1.5" Wood brown cmf SAND, trace silt	
					732	very dark gray to gray cmf SAND, little silt, little(c) mf gravel; mica flakes	petroleum odor
	PO 2-3				976		
					950		
4			40"	Loose Moist	1152		
					789	dark gray to black cmf SAND, some(c) mf gravel, little silt cinders, ash, wood	
					772		Strong Odor of Petroleum
					563		
8			42"	Moist	983		
					1052	Same as above	
					752		
					205		
12			41"	Very Moist Loose wet @ 15.8'	493	Same as above	
					944		
					78.8		
	PO 2-15				152		
16						END OF BORING = 16 ft.	
20							

MC: macrocore
tr.=trace = 0-10% l.=little = 10-20% s.=some = 20-35% and = 35-50%; c = course m = medium f = fine

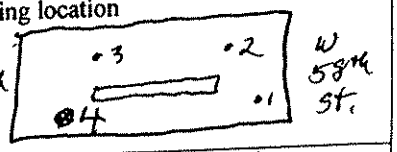
DRAFT

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client: G.C.I. Environmental Advisory	Boring No. B- POTK-3
	Project Number: 16374-0002	Boring location 
Driller: Zebra Environmental Geologist: Curt Schmidt, P.G.	Location: West 57th Street New York, NY	
Groundwater Observations NA ft AFTER NA hours	casing sampler Type MC Size I.D. 1.5"	Date Start: 11/14/98 Date Complete: 11/14/98 Surface Elev. Groundwater Elev. NA

Depth (feet)	Sample #	Sample Type	Recovery	density moist	PID	Field Identification of Soil	Remarks
0			27"	loose Moist	22.4 6.2 0 39.5	6-8" CONCRETE very dark gray to dark brownish gray c-m-f(+) SAND, little f-m gravel, little silt; cinders, coal gray-brown c-m-f SAND, some c-m-f gravel, little f-c silt; mica flakes, schist	No Odor No Odor
4	PO 3-5	MC	42"	loose Moist	0 0 57.6 38.8	brown m-f SAND, little silt	faint odor Gasoline odor
8			12"		191 250.0 112	Same as above large piece coal	less odor
12	PO 3-15	MC	23"	Very Moist Wet	199 265 754 905	dark gray to black c-m-f(+) SAND some c-m-f gravel, little f-c silt coal, cinders, strong	Strong gasoline odor
16						END OF BORING = 16 ft.	
20							

MC: macrocore
tr.=trace = 0-10% l.=little = 10-20% s.=some = 20-35% and = 35-50%; c = course m = medium f = fine

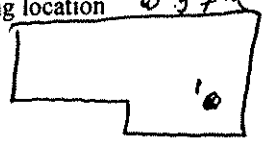
DRAFT

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client: G.C.I. Environmental Advisory	Boring No. B-POTK-4
	Project Number: 16374-0002	Boring location 
Driller: Zebra Environmental Geologist: Curt Schmidt, P.G.	Location: West 57th Street New York, NY	
Groundwater Observations NA ft AFTER NA hours	casing sampler Type MC Size I.D. 1.5"	Date Start: 11/14/98 Date Complete: 11/14/98 Surface Elev. Groundwater Elev. NA

Depth (feet)	Sample #	Sample Type	Recovery	density moist	PID	Field Identification of Soil	Remarks
0			32"	Loose Moist occ. Firm	0 0 0 0	4" Concrete dark gray c m f SAND, little f. gravel trace silt, mixed w/ brown, yellow brown, reddish brown, dark brown brownish yellow to dark gray m f SAND, little silt occ. slag and cinders	c m f SAND and c m f GRAVEL No Odor
4			25"	Loose occ. firm Moist	0 0 0 0	Very dark gray to dark brown to dark reddish brown c m f SAND, little (+) m f GRAVEL, little silt, cinders, ash, slag, coal	Incinerator/ Cinder Fill
8	PO4-11		28"	Soft, loose Moist	0 0 0 0	Same as Above	
12			5"	loose Wet	0 0 0 0	very dark gray to dark grayish brown m f GRAVEL, some c m f sand	Probably sluff from above
16	PO4-17		33"	very soft Wet soft	28 105 283 0	very dark gray c m f (+) SAND and little (+) silt, same, only little c m f gravel dark gray c m f (+) SAND, little fine gravel, little silt	c m f GRAVEL, No odor slight fuel oil odor No Odor
20						END OF BORING = 20 ft.	

MC: macrocore
tr.=trace = 0-10% l.=little = 10-20% s.=some = 20-35% and = 35-50%; c = course m = medium f = fine

DRAFT

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client: G.C.I. Environmental Advisory Project Number: 16374-0002	Boring No. B-GDYR-1 Boring location W 57th 
Driller: Zebra Environmental Geologist: Curt Schmidt, P.G.	Location: West 57th Street New York, NY	
Groundwater Observations NA ft AFTER NA hours	casing sampler Type MC Size I.D. 1.5"	Date Start: 11/3/98 Date Complete: 11/3/98 Surface Elev. Groundwater Elev. NA

Depth (feet)	Sample #	Sample Type	Recovery	density moist	PID	Field Identification of Soil	Remarks
0			16"	Slightly Moist	0.6	CONCRETE gray to dark gray c m f(t) SAND, little m f gravel, little silt	1st two attempts - refusals @ 1.5' - soical
				loose	1.1	reddish brown - reddish gray c m(t) f SAND, little c m f gravel, trace silt	No Odors
4	GY 1-5		15"	dry - sl. Moist	3.5 18.9	black to dark red (rust) m f GRAVEL and c m f SAND, trace silt; (slag cinders) brown m f SAND, little silt;	
				Slightly Moist	3.3 2.8	w/layers of very pale brown c m f GRAVEL and c m f SAND	
8						REFUSAL @ 8 ft.	3rd Refusal due to bent Probe after squeezing between two solid immovable objects
12							
16							
20							

MC: macrocore
tr.=trace = 0-10% l.=little = 10-20% s.=some = 20-35% and = 35-50%; c = course m = medium f = fine

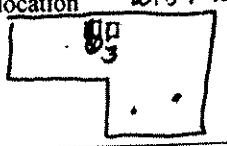
DRAFT

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client: G.C.I. Environmental Advisory Project Number: 16374-0002	Boring No. B- GDYR-2 Boring location ~~40 5PH~~
Driller: Zebra Environmental Geologist: Curt Schmidt, P.G.	Location: West 57th Street New York, NY	
Groundwater Observations NA ft AFTER NA hours	casing sampler Type MC Size I.D. 1.5"	Date Start: 3 U/3/98 Date Complete: Surface Elev. Groundwater Elev. NA

Depth (feet)	Sample #	Sample Type	Recovery	density moist	PID	Field Identification of Soil	Remarks
0			2.5'(1st)	dry	2.2	CONCRETE	
					8.0	brown cmf SAND, little (+) mf gravel	
			17"(2nd)		1.1	tr. silt/gray cmf SAND, some cmf gravel	tr. silt MICA & SCHIST
					1.9	brown cmf SAND, l. mf gravel, tr silt	
4						reddish brown cmf SAND, s. cmf gravel,	
	GY 2-5		23"/2'	dry/slightly moist	0.1	tr. silt/brown cmf SAND, little silt	
					0	very dark gray cmf SAND, some cmf gravel little silt layer of gray fine SAND and SILT	
						CONCRETE	Two (2) REFUSALS @ 6 ft.
8						REFUSAL @ 6 ft	
12							
16							
20							

MC: macrocore
tr.=trace = 0-10% l.=little = 10-20% s.=some = 20-35% and = 35-50%; c = course m = medium f = fine

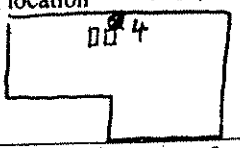
DRAFT

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client: G.C.I. Environmental Advisory	Boring No. B- GDYR-3
	Project Number: 16374-0002	Boring location W. 57th St 
Driller: Zebra Environmental Geologist: Curt Schmidt, P.G.	Location: West 57th Street New York, NY	
Groundwater Observations NA ft AFTER NA hours	casing sampler Type MC Size I.D. 1.5"	Date Start: 11/3/98 Date Complete: Surface Elev. Groundwater Elev. NA

Depth (feet)	Sample #	Sample Type	Recovery	density moist	PID	Field Identification of Soil	Remarks
0			18" (1st)	Slightly Moist	16.4	3" Concrete dark gray c(f)m-f SAND, little m-f gravel, trace silt	No odor
					6.4	becoming cm-f(c) SAND, l. cm-f gravel, l.(-) silt	
			28" (2nd)	Soft	0.5	= 2" layer black w/creosote odor	Creosote Odor
					1.6	black to brownish gray cm-f SAND, l. m-f gravel, trace silt	
4			14" (1st)	Soft	1.3	very dark gray - dark brown cm-f SAND little f. gravel, tr. silt, cinders, mica, deteriorated schist	1st Refusal @ 5.5'
			15 (3rd)	Sl. Moist	0.7		
			39" (2nd)		1.0	grayish brown m-f SAND, l.(f) silt, tr. m-f. gravel	
					0.3		
					0.7		
8			37" (1st)	loose Moist	0.1	grayish brown cm-f(c) SAND, l. m-f gravel, little silt; mica	
			35" (2nd)		3.8		
			44" (3rd)	becoming wet	1.0	brownish gray m-f SAND, l.(f) silt	2nd Refusal @ 12-13'
	G43-11				1.8	= thin seam black wood w/creosote	
					1.0	brown - reddish brown cm(c) f SAND l. m-f gravel, trace silt	3rd Refusal 12-13'
12						REFUSAL @ 13 ft.	
16							
20							

MC: macrocore
tr.=trace = 0-10% l.=little = 10-20% s.=some = 20-35% and = 35-50%; c = course m = medium f = fine

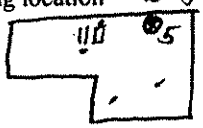
DRAFT

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client: G.C.I. Environmental Advisory Project Number: 16374-0002	Boring No. B-GDYR-4 Boring location W 57th St. 
Driller: Zebra Environmental Geologist: Curt Schmidt, P.G.	Location: West 57th Street New York, NY	
Groundwater Observations NA ft AFTER NA hours	casing sampler Type MC Size I.D. 1.5"	Date Start: 11/3/98 Date Complete: Surface Elev. Groundwater Elev. NA

Depth (feet)	Sample #	Sample Type	Recovery	density moist	PID	Field Identification of Soil	Remarks
0			18"	Loose dry to Moist	0 0 0	3-4" CONCRETE dark gray to grayish brown c-m-f SAND little m-f(+) gravel, trace silt; mica flakes	No Odor
4			38"	soft, compact slightly Moist	0.7 0.8 0 0.1 0.6	same as above gray, m-f(+) SAND, little silt, tr. f. gravel to brown brown c-m(+)-f SAND, l. f. gravel, tr. silt gray m-f SAND, l.(+) silt	
8			39"	Moist	0 0 0 0	gray c-m-f SAND, l. fine gravel, trace(+) silt brown c-m-f SAND, l. f. gravel, tr(+) silt pinkish gray c-m(+)-f SAND, l. f. gravel, tr silt brick fragments	No Odors
12	G4 4-11.5		29"	Very Moist Very Moist	0 0.1 0 0.2	grayish brown to gray c-m-f SAND, l. m-f(+) gravel, trace(+) silt	No Odor
16						REFUSAL @ 16 ft.	
20							

MC: macrocore
tr.=trace = 0-10% l.=little = 10-20% s.=some = 20-35% and = 35-50%; c = course m = medium f = fine

DRAFT

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client: G.C.I. Environmental Advisory Project Number: 16374-0002	Boring No. B-GDYR-5 Boring location W 57th St. 
Driller: Zebra Environmental Geologist: Curt Schmidt, P.G.	Location: West 57th Street New York, NY	
Groundwater Observations NA ft AFTER NA hours	Type: casing / sampler: MC Size I.D.: 1.5"	Date Start: 11/3/98 Date Complete: 11/3/98 Surface Elev. Groundwater Elev. NA

Depth (feet)	Sample #	Sample Type	Recovery	density moist	PID	Field Identification of Soil	Remarks
0			0	—	—	CONCRETE (0-2 ft.)	1st Refusal @ 1.0' (Not Sampled)
						CONCRETE AND GRAVEL	
4			34"	dry	0	0-1.2 gray m(f)SAND, some silt	
				loose	0	brown to gray c(f) m(f) SAND, little m-f gravel, little silt	
				slightly moist	0	gray to dark gray m(f) SAND, little(+) silt, little c-m-f gravel; schist frags.	
				dry	0		
8			38"		0	same as above	
				slightly moist	0		
				moist.	0		
	GY5-11			becoming wet	0		
12			35"	wet	0	dark brownish gray m-f SAND, little silt, occ. fine gravel	
					0		
				wet	0	brown c(m-f) SAND, l. f. gravel, tr.(+) silt	
					0		
16						REFUSAL AT 16.2 ft.	Refusal on Cobble or Boulder
20							

MC: macrocore
tr.=trace = 0-10% l.=little = 10-20% s.=some = 20-35% and = 35-50%; c = course m = medium f = fine

DRAFT

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client GCI	Boring No. B- BODY-1
	Project Number 16374-0002	Boring location Body Shop W 58th St GDYP Manhattanville
Driller: Zebra Geologist: Curt Schmidt, P.G.	Location Dynasty Auto Body W 58th St. NY, NY	
Groundwater Observations NA ft AFTER NA hours	casing sampler Type Size I.D. Hammer wt. Hammer Fall	Date Start Date Complete 11-4-19 Surface Elev. Groundwater Elev. NA

Depth	Sample #	Sample Type	Blows per 6" 0-6	6-12	12-18	18-24	density or moist	PID	Field Identification of soil remarks
0									Pavement & GRAVEL
1									
2		18"						0	dk gy. CH/MS SAND, some CMS G, tr S
3									gravelly brown CMS SAND, some MS, tr MS mica & gravel
4								0	
5	3							0	Same w/ thin layer @ ~ 4.5-5' of MS GRAVEL
	4	BD1-6 MC2	2"					0	
7									
8								0	Refusal @ 8'
9									
10	10								
15									
20									

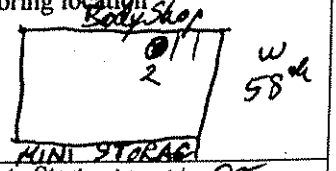
1st Refusal @ 4'
2nd @ 4'
3rd @ 5'
4th @ 7'

ground surface to _____ft. used_____ casing then_____casing to _____ft

A= auger ss: split spoon sampler mc: macrocore HSA: hollow stem auger HA: Hand Auger

Trace: 0-10% Little: 10-25% Some: 25-35% And: 35-50% c= course m=medium f=fine

DRAFT

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client: GCT	Boring No. B-B004-2
	Project Number 16374-0002	Boring location 
Driller: Geologist:	Location Dynasty Auto Body W. 58th St. NY, NY	
Groundwater Observations _____ ft	casing sampler Type: Size I.D. Hammer wt. Hammer Fall	Date Start 01-4-98 Date Complete Surface Elev. Groundwater Elev.

Depth	Sample #	Sample Type	Blows per 6" 0-6	6-12	12-18	density or moist	PID	Field Identification of soil remarks
0			17 1st 25 2nd				0	ASPHALT PAVEMENT & GRAVEL
1							0	rdish gray clayey SAND some(-) GG, tr Silt
2							0	1.5' reddish gray coarse SAND, 1-GG, 1(-) Silt
3							0	3.5' grayish brown coarse SAND 1-GG, 1.5 mica, schist frags
4	B02-S5 MC							Refusal
5								1st Refusal @ 4.5'
6								2nd @ 4.5'
7								3rd @ 4.5'
8								
9								
10								
11								
12								
30								
36								

ground surface to _____ft. used_____ casing then_____casing to _____ft

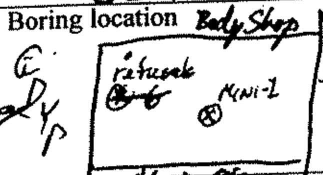
A= auger ss: split spoon sampler mc: macrocore HSA: hollow stem auger HA: Hand Auger

Trace: 0-10% Little: 10-20% some: 20-40%

C= course M=medium F=fine

DRAFT

ATC Associates Inc.	Client GCI	Boring No. B- ~~GDYR-6~~ MINI-1
104 East 25th Street New York, NY 10010 212-353-8280	Project Number 16374-0002 Manhattan Mini Storage	Boring location Body Shop
Driller: Zebra Geologist: Curt Schmidt, P.G.	Location ~~[illegible]~~ W. 58th St. NY, NY	
Groundwater Observations NA ft AFTER NA hours	casing sampler Type Size I.D. Hammer wt. Hammer Fall	Date Start Mini Storage Date Complete 11-4-98 Surface Elev. Groundwater Elev. NA



Depth	Sample #	Type	Blows per 6" 0-6	6-12	12-18	18-24	density or moist	PID	Field Identification of soil remarks
0									Asphalt
1			32"				sl. moist	0	black - v dk gy c m f SAND, some c m f gravel, trace silt cinders slag brick
2									
2.5	MI 1-2.5	MC						0	slight odor
3	MI 1-3	MC							
4								0	Same becoming reddish brown - brown c m f SAND, some(-) c m f gravel l. silt
5			30"					0	
6								0	
7								0	Same at 5-8'
8									
9			34"					0	
10							dry	0	~11' pink ~~brown~~ silty SANDSTONE cobble
11								0	dk gray - gray c m f SAND and C M F GRAVEL schist
12								0	brown m f SAND, l. c m f gravel (schist), l. silt
13			36"					0	
14								0	
15							very moist	0	brown - v dk gray c m f SAND
16	MI 1-16	MC						0	black c m f GRAVEL and c m f SAND coal cinders brick
17							sl. wet	0.1	brown - grayish brown c m f SAND, some c m f gravel l. silt dk. schist and other rock
18									
19									
20									
21									

Mott. fe(3 Refusal @ 2'

slight odor (could not recover)

ground surface to _______ft. used _______ casing then _______ casing to _______ ft

A= auger ss: split spoon sampler mc: macrocore HSA: hollow stem auger HA: Hand Auger

Trace: 0-10% Little: 10-20% some: 20-10% c= course m=medium f=fine

APPENDIX B: LABORATORY ANALYTICAL REPORTS

SCILAB ALBANY, INC.
15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

SCILAB
FULL SERVICE ENVIRONMENTAL LABORATORIES

REVISED

ATC Associates, Inc.
104 East 25th Street
10th Floor
New York NY 10010

Task Number: 9811-00004
Customer No.: 040772
Project No.: 2740
Purchase Order #:
Report Date: 11/13/98

Sampling Information

Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received: 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
001 AX 1-9 9'-10'			Sample Date 10/29/1998 Time: 9:35		
Matrix: Soil			Collection Method: Grab		
EPA 8260S				PNC	11/07/98
Chloromethane	EPA Method 8260	<1500	ug/Kg	PNC	11/07/98
Vinyl Chloride	EPA Method 8260	<1500	ug/Kg	PNC	11/07/98
Bromomethane	EPA Method 8260	<1500	ug/Kg	PNC	11/07/98
Chloroethane	EPA Method 8260	<1500	ug/Kg	PNC	11/07/98
Trichlorofluoromethane	EPA Method 8260	<1500	ug/Kg	PNC	11/07/98
Acrolein	EPA Method 8260	<760	ug/Kg	PNC	11/07/98
1,1-Dichloroethylene	EPA Method 8260	<760	ug/Kg	PNC	11/07/98
Iodomethane	EPA Method 8260	<1500	ug/Kg	PNC	11/07/98
Acetone	EPA Method 8260	<760	ug/Kg	PNC	11/07/98
Carbon Disulfide	EPA Method 8260	<760	ug/Kg	PNC	11/07/98
Methylene Chloride	EPA Method 8260	<1500	ug/Kg	PNC	11/07/98
Acrylonitrile	EPA Method 8260	<760	ug/Kg	PNC	11/07/98
trans-1,2-Dichloroethene	EPA Method 8260	<760	ug/Kg	PNC	11/07/98
2,2-Dichloropropane	EPA Method 8260	<760	ug/Kg	PNC	11/07/98
1,1-Dichloroethane	EPA Method 8260	<1500	ug/Kg	PNC	11/07/98
Vinyl Acetate	EPA Method 8260	<1500	ug/Kg	PNC	11/07/98
2-Butanone-(MEK)	EPA Method 8260	<760	ug/Kg	PNC	11/07/98
cis-1,2-Dichloroethylene	EPA Method 8260	<760	ug/Kg	PNC	11/07/98
Chloroform	EPA Method 8260	<760	ug/Kg	PNC	11/07/98
Bromochloromethane	EPA Method 8260	<760	ug/Kg	PNC	11/07/98
1,1,1-Trichloroethane	EPA Method 8260	<760	ug/Kg	PNC	11/07/98
Carbon Tetrachloride	EPA Method 8260	<760	ug/Kg	PNC	11/07/98
Benzene	EPA Method 8260	<760	ug/Kg	PNC	11/07/98
1,2-Dichloroethane	EPA Method 8260	<760	ug/Kg	PNC	11/07/98
Trichloroethene	EPA Method 8260	<760	ug/Kg	PNC	11/07/98
1,2-Dichloropropane	EPA Method 8260	<760	ug/Kg	PNC	11/07/98
Bromodichloromethane	EPA Method 8260	<760	ug/Kg	PNC	11/07/98
Dibromomethane	EPA Method 8260	<1500	ug/Kg	PNC	11/07/98
4-Methyl-2-Pentanone (MIBK)	EPA Method 8260	<760	ug/Kg	PNC	11/07/98
cis-1,3-Dichloropropene	EPA Method 8260	<760	ug/Kg	PNC	11/07/98
Toluene	EPA Method 8260	<760	ug/Kg	PNC	11/07/98
trans-1,3-Dichloropropene					

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P.O. Box 787
Latham, NY 12110
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Fax: (518) 786-7700

SCILAB
FULL SERVICE ENVIRONMENTAL LABORATORIES

ATC Associates, Inc.
104 East 25th Street
10th Floor
New York NY 10010

Task Number 9811-00004
Customer No. 040772
Project No. 2740
Purchase Order #
Report Date 11/13/98

Sampling Information

Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
Sample Date 10/29/1998 Time: 9:35					
Collection Method: Grab					
001 AX 1-9 9'-10'					
Matrix:					
1,1,2-Trichloroethane	EPA Method 8260	<760	ug/Kg	PNC	11/07/98
Tetrachloroethene	EPA Method 8260	<760	ug/Kg	PNC	11/07/98
2-Hexanone	EPA Method 8260	<1500	ug/Kg	PNC	11/07/98
Dibromochloromethane	EPA Method 8260	<760	ug/Kg	PNC	11/07/98
1,2-Dibromoethane	EPA Method 8260	<760	ug/Kg	PNC	11/07/98
Chlorobenzene	EPA Method 8260	<760	ug/Kg	PNC	11/07/98
Ethylbenzene	EPA Method 8260	<760	ug/Kg	PNC	11/07/98
1,3,5-Trimethylbenzene	EPA Method 8260	<760	ug/Kg	PNC	11/07/98
1,1,1,2-Tetrachloroethane	EPA Method 8260	<760	ug/Kg	PNC	11/07/98
Styrene	EPA Method 8260	<760	ug/Kg	PNC	11/07/98
Bromoform	EPA Method 8260	<760	ug/Kg	PNC	11/07/98
1,1,2,2-Tetrachloroethane	EPA Method 8260	<760	ug/Kg	PNC	11/07/98
1,3-Dichlorobenzene	EPA Method 8260	<760	ug/Kg	PNC	11/07/98
1,4-Dichlorobenzene	EPA Method 8260	<760	ug/Kg	PNC	11/07/98
1,2-Dichlorobenzene	EPA Method 8260	<760	ug/Kg	PNC	11/07/98
Total Xylenes	EPA Method 8260	<1500	ug/Kg	PNC	11/07/98
1,2-Dibromo-3-Chloropropane	EPA Method 8260			LAT	11/06/98
PCBs in Soil	EPA Method 8080			LAT	11/06/98
PCB-1016	EPA Method 8080	<0.6	ug/g	LAT	11/06/98
PCB-1221	EPA Method 8080	<0.6	ug/g	LAT	11/06/98
PCB-1232	EPA Method 8080	<0.6	ug/g	LAT	11/06/98
PCB-1242	EPA Method 8080	<0.6	ug/g	LAT	11/06/98
PCB-1248	EPA Method 8080	<0.6	ug/g	LAT	11/06/98
PCB-1254	EPA Method 8080	<0.6	ug/g	LAT	11/06/98
PCB-1260	EPA Method 8080	<0.6	ug/g	LAT	11/06/98
Lead, solid	ICP, SW-846 Method	129	mg/Kg	JMR	11/05/98
8080 Ext. for PCBs in Soil	EPA Mehthod 8080	Complete		LIZ	11/03/98
Percent Solids		82.2	%	MJW	11/02/98
ICP/Flame Solid Digestion	EPA Method 3050	Complete		JES	11/02/98

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ATC Associates, Inc.
104 East 25th Street
10th Floor
New York NY 10010

Task Number 9811-00004
Customer No. 040772
Project No. 2740
Purchase Order #
Report Date 11/13/98

Sampling Information

Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
Sample Date 10/29/1998 Time: 9:48					
Collection Method: Grab					
002 AX-1-15 15'-16'				PNC	11/10/98
Matrix: Soil				PNC	11/10/98
EPA 8260S					
Chloromethane	EPA Method 8260	<7300	ug/Kg	PNC	11/10/98
Vinyl Chloride	EPA Method 8260	<7300	ug/Kg	PNC	11/10/98
Bromomethane	EPA Method 8260	<7300	ug/Kg	PNC	11/10/98
Chloroethane	EPA Method 8260	<7300	ug/Kg	PNC	11/10/98
Trichlorofluoromethane	EPA Method 8260	<7300	ug/Kg	PNC	11/10/98
Acrolein	EPA Method 8260	<7300	ug/Kg	PNC	11/10/98
1,1-Dichloroethylene	EPA Method 8260	<3700	ug/Kg	PNC	11/10/98
Iodomethane	EPA Method 8260	<3700	ug/Kg	PNC	11/10/98
Acetone	EPA Method 8260	<7300	ug/Kg	PNC	11/10/98
Carbon Disulfide	EPA Method 8260	<3700	ug/Kg	PNC	11/10/98
Methylene Chloride	EPA Method 8260	<3700	ug/Kg	PNC	11/10/98
Acrylonitrile	EPA Method 8260	<7300	ug/Kg	PNC	11/10/98
trans-1,2-Dichloroethene	EPA Method 8260	<3700	ug/Kg	PNC	11/10/98
2,2-Dichloropropane	EPA Method 8260	<3700	ug/Kg	PNC	11/10/98
1,1-Dichloroethane	EPA Method 8260	<3700	ug/Kg	PNC	11/10/98
Vinyl Acetate	EPA Method 8260	<7300	ug/Kg	PNC	11/10/98
2-Butanone-(MEK)	EPA Method 8260	<7300	ug/Kg	PNC	11/10/98
cis-1,2-Dichloroethylene	EPA Method 8260	<3700	ug/Kg	PNC	11/10/98
Chloroform	EPA Method 8260	<3700	ug/Kg	PNC	11/10/98
Bromochloromethane	EPA Method 8260	<3700	ug/Kg	PNC	11/10/98
1,1,1-Trichloroethane	EPA Method 8260	<3700	ug/Kg	PNC	11/10/98
Carbon Tetrachloride	EPA Method 8260	<3700	ug/Kg	PNC	11/10/98
Benzene	EPA Method 8260	<3700	ug/Kg	PNC	11/10/98
1,2-Dichloroethane	EPA Method 8260	<3700	ug/Kg	PNC	11/10/98
Trichloroethene	EPA Method 8260	<3700	ug/Kg	PNC	11/10/98
1,2-Dichloropropane	EPA Method 8260	<3700	ug/Kg	PNC	11/10/98
Bromodichloromethane	EPA Method 8260	<3700	ug/Kg	PNC	11/10/98
Dibromomethane	EPA Method 8260	<7300	ug/Kg	PNC	11/10/98
4-Methyl-2-Pentanone (MIBK)	EPA Method 8260	<3700	ug/Kg	PNC	11/10/98
cis-1,3-Dichloropropene	EPA Method 8260	<3700	ug/Kg	PNC	11/10/98
Toluene	EPA Method 8260	<3700	ug/Kg	PNC	11/10/98
trans-1,3-Dichloropropene					

----- Continued on Next Page -----

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Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

ATC Associates, Inc.
104 East 25th Street
10th Floor
New York NY 10010

Task Number 9811-00004
Customer No. 040772
Project No. 2740
Purchase Order #
Report Date 11/13/98

Sampling Information

Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
002 AX-1-15 15'-16'			Sample Date 10/29/1998 Time: 9:48		
Matrix:			Collection Method: Grab		
1,1,2-Trichloroethane	EPA Method 8260	<3700	ug/Kg	PNC	11/10/98
Tetrachloroethene	EPA Method 8260	<3700	ug/Kg	PNC	11/10/98
2-Hexanone	EPA Method 8260	<7300	ug/Kg	PNC	11/10/98
Dibromochloromethane	EPA Method 8260	<3700	ug/Kg	PNC	11/10/98
1,2-Dibromoethane	EPA Method 8260	<3700	ug/Kg	PNC	11/10/98
Chlorobenzene	EPA Method 8260	<3700	ug/Kg	PNC	11/10/98
Ethylbenzene	EPA Method 8260	<3700	ug/Kg	PNC	11/10/98
1,3,5-Trimethylbenzene	EPA Method 8260	<3700	ug/Kg	PNC	11/10/98
1,1,1,2-Tetrachloroethane	EPA Method 8260	<3700	ug/Kg	PNC	11/10/98
Styrene	EPA Method 8260	<3700	ug/Kg	PNC	11/10/98
Bromoform	EPA Method 8260	<3700	ug/Kg	PNC	11/10/98
1,1,2,2-Tetrachloroethane	EPA Method 8260	<3700	ug/Kg	PNC	11/10/98
1,3-Dichlorobenzene	EPA Method 8260	<3700	ug/Kg	PNC	11/10/98
1,4-Dichlorobenzene	EPA Method 8260	<3700	ug/Kg	PNC	11/10/98
1,2-Dichlorobenzene	EPA Method 8260	4700	ug/Kg	PNC	11/10/98
Total Xylenes	EPA Method 8260	<7300	ug/Kg	PNC	11/10/98
1,2-Dibromo-3-Chloropropane	EPA Method 8260			LAT	11/06/98
PCBs in Soil	EPA Method 8080			LAT	11/06/98
PCB-1016	EPA Method 8080	<0.6	ug/g	LAT	11/06/98
PCB-1221	EPA Method 8080	<0.6	ug/g	LAT	11/06/98
PCB-1232	EPA Method 8080	<0.6	ug/g	LAT	11/06/98
PCB-1242	EPA Method 8080	<0.6	ug/g	LAT	11/06/98
PCB-1248	EPA Method 8080	<0.6	ug/g	LAT	11/06/98
PCB-1254	EPA Method 8080	<0.6	ug/g	LAT	11/06/98
PCB-1260	EPA Method 8080	<0.6	ug/g	LAT	11/06/98
Lead, solid	ICP, SW-846 Method	289	mg/Kg	JMR	11/05/98
Extraction for 8270B/N Soil	EPA Method 8270 B/N	Complete		ACK	11/02/98
Percent Solids		68.3	%	MJW	11/02/98
8080 Ext. for PCBs in Soil	EPA Mehthod 8080	Complete		LIZ	11/03/98
ICP/Flame Solid Digestion	EPA Method 3050	Complete		JES	11/02/98
EPA 8270BNS				BHB	11/06/98
bis(2-Chloroethyl)ether	EPA 8270 B/N	<1200	ug/Kg	BHB	11/06/98
1,3-Dichlorobenzene	EPA 8270 B/N	<1200	ug/Kg	BHB	11/06/98

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SCILAB ALBANY, INC.
15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

SCILAB
FULL SERVICE ENVIRONMENTAL LABORATORIES

ATC Associates, Inc.
104 East 25th Street
10th Floor
New York NY 10010

Task Number 9811-00004
Customer No. 040772
Project No. 2740
Purchase Order #
Report Date 11/13/98

Sampling Information

Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
Sample Date 10/29/1998 Time: 9:48					
Collection Method: Grab					
002 AX-1-15 15'-16'					
Matrix:					
1,4-Dichlorobenzene	EPA 8270 B/N	<1200	ug/Kg	BHB	11/06/98
1,2-Dichlorobenzene	EPA 8270 B/N	<1200	ug/Kg	BHB	11/06/98
bis(2-Chloroisopropyl)ether	EPA 8270 B/N	<1200	ug/Kg	BHB	11/06/98
N-Nitroso-di-n-propylamine	EPA 8270 B/N	<1200	ug/Kg	BHB	11/06/98
Hexachloroethane	EPA 8270 B/N	<1200	ug/Kg	BHB	11/06/98
Nitrobenzene	EPA 8270 B/N	<1200	ug/Kg	BHB	11/06/98
Isophorone	EPA 8270 B/N	<1200	ug/Kg	BHB	11/06/98
Bis-(2-Chloroethoxy)-methane	EPA 8270 B/N	<1200	ug/Kg	BHB	11/06/98
1,2,4-Trichlorobenzene	EPA 8270 B/N	<1200	ug/Kg	BHB	11/06/98
Naphthalene	EPA 8270 B/N	<1200	ug/Kg	BHB	11/06/98
Hexachlorobutadiene	EPA 8270 B/N	<1200	ug/Kg	BHB	11/06/98
Hexachlorocyclopentadiene	EPA 8270 B/N	<1200	ug/Kg	BHB	11/06/98
2-Chloronaphthalene	EPA 8270 B/N	<1200	ug/Kg	BHB	11/06/98
Dimethyl Phthalate	EPA 8270 B/N	<2400	ug/Kg	BHB	11/06/98
Acenaphthylene	EPA 8270 B/N	<1200	ug/Kg	BHB	11/06/98
Acenapthene	EPA 8270 B/N	<1200	ug/Kg	BHB	11/06/98
2,6-Dinitrotoluene	EPA 8270 B/N	<1200	ug/Kg	BHB	11/06/98
2,4-Dinitrotoluene	EPA 8270 B/N	<1200	ug/Kg	BHB	11/06/98
Diethyl Phthalate	EPA 8270 B/N	<2400	ug/Kg	BHB	11/06/98
4-Chlorophenyl Phenyl Ether	EPA 8270 B/N	<1200	ug/Kg	BHB	11/06/98
Fluorene	EPA 8270 B/N	<1200	ug/Kg	BHB	11/06/98
N-Nitrosodiphenylamine	EPA 8270 B/N	<1200	ug/Kg	BHB	11/06/98
4-Bromophenyl Phenyl Ether	EPA 8270 B/N	<1200	ug/Kg	BHB	11/06/98
Hexachlorobenzene	EPA 8270 B/N	<1200	ug/Kg	BHB	11/06/98
Phenanthrene	EPA 8270 B/N	<1200	ug/Kg	BHB	11/06/98
Anthracene	EPA 8270 B/N	<2400	ug/Kg	BHB	11/06/98
Di-n-butylphthalate	EPA 8270 B/N	<1200	ug/Kg	BHB	11/06/98
Fluoranthene	EPA 8270 B/N	<1200	ug/Kg	BHB	11/06/98
Pyrene	EPA 8270 B/N	<2400	ug/Kg	BHB	11/06/98
Butyl Benzyl Phthalate	EPA 8270 B/N	<1200	ug/Kg	BHB	11/06/98
Benzo(a)anthracene	EPA 8270 B/N	<2400	ug/Kg	BHB	11/06/98
3,3'-Dichlorbenzidine	EPA 8270 B/N	<1200	ug/Kg	BHB	11/06/98
Chrysene					

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SCILAB ALBANY, INC.
15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

ATC Associates, Inc.
104 East 25th Street
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New York NY 10010

Task Number 9811-00004
Customer No. 040772
Project No. 2740
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Report Date 11/13/98

Sampling Information

Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
002 AX-1-15 15'-16'			Sample Date 10/29/1998 Time: 9:48		
Matrix:			Collection Method: Grab		
bis(2-Ethylhexyl)phthalate	EPA 8270 B/N	<2400	ug/Kg	BHB	11/06/98
Di-n-octyl phthalate	EPA 8270 B/N	<2400	ug/Kg	BHB	11/06/98
Benzo(b)fluoranthene	EPA 8270 B/N	<1200	ug/Kg	BHB	11/06/98
Benzo(k)fluoranthene	EPA 8270 B/N	<1200	ug/Kg	BHB	11/06/98
Benzo(a)pyrene	EPA 8270 B/N	<1200	ug/Kg	BHB	11/06/98
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N	<1200	ug/Kg	BHB	11/06/98
Dibenzo(a,h)Anthracene	EPA 8270 B/N	<1200	ug/Kg	BHB	11/06/98
Benzo (g,h,i) perylene	EPA 8270 B/N	<1200	ug/Kg	BHB	11/06/98
2-MethylNaphthalene	EPA 8270 B/N	<1200	ug/Kg	BHB	11/06/98
3-Nitroaniline	EPA 8270 B/N	<6100	ug/Kg	BHB	11/06/98
Dibenzofuran	EPA 8270 B/N	<1200	ug/Kg	BHB	11/06/98
1,2,4,5-Tetrachlorobenzene	EPA 8270 B/N	<1200	ug/Kg	BHB	11/06/98
4-Nitroaniline	EPA 8270 B/N	<6100	ug/Kg	BHB	11/06/98
4-Chloroaniline	EPA 8270 B/N	<1200	ug/Kg	BHB	11/06/98
2-Nitroaniline	EPA 8270 B/N	<6100	ug/Kg	BHB	11/06/98
Pql elevated due to matrix for 8270					
03 AX-2-6 6'-7'			Sample Date 10/29/1998 Time: 11:02		
Matrix: Soil			Collection Method: Grab		
EPA 8260S				PNC	11/07/98
Chloromethane	EPA Method 8260	<1400	ug/Kg	PNC	11/07/98
Vinyl Chloride	EPA Method 8260	<1400	ug/Kg	PNC	11/07/98
Bromomethane	EPA Method 8260	<1400	ug/Kg	PNC	11/07/98
Chloroethane	EPA Method 8260	<1400	ug/Kg	PNC	11/07/98
Trichlorofluoromethane	EPA Method 8260	<1400	ug/Kg	PNC	11/07/98
Acrolein	EPA Method 8260	<690	ug/Kg	PNC	11/07/98
1,1-Dichloroethylene	EPA Method 8260	<690	ug/Kg	PNC	11/07/98
Iodomethane	EPA Method 8260	<1400	ug/Kg	PNC	11/07/98
Acetone	EPA Method 8260	<690	ug/Kg	PNC	11/07/98
Carbon Disulfide	EPA Method 8260	<690	ug/Kg	PNC	11/07/98
Methylene Chloride	EPA Method 8260	<1400	ug/Kg	PNC	11/07/98
Acrylonitrile					

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15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

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Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
003 AX-2-6 6'-7'			Sample Date 10/29/1998 Time: 11:02		
Matrix:			Collection Method: Grab		
trans-1,2-Dichloroethene	EPA Method 8260	<690	ug/Kg	PNC	11/07/98
2,2-Dichloropropane	EPA Method 8260	<690	ug/Kg	PNC	11/07/98
1,1-Dichloroethane	EPA Method 8260	<690	ug/Kg	PNC	11/07/98
Vinyl Acetate	EPA Method 8260	<1400	ug/Kg	PNC	11/07/98
2-Butanone-(MEK)	EPA Method 8260	<1400	ug/Kg	PNC	11/07/98
cis-1,2-Dichloroethylene	EPA Method 8260	<690	ug/Kg	PNC	11/07/98
Chloroform	EPA Method 8260	<690	ug/Kg	PNC	11/07/98
Bromochloromethane	EPA Method 8260	<690	ug/Kg	PNC	11/07/98
1,1,1-Trichloroethane	EPA Method 8260	<690	ug/Kg	PNC	11/07/98
Carbon Tetrachloride	EPA Method 8260	<690	ug/Kg	PNC	11/07/98
Benzene	EPA Method 8260	<690	ug/Kg	PNC	11/07/98
1,2-Dichloroethane	EPA Method 8260	<690	ug/Kg	PNC	11/07/98
Trichloroethene	EPA Method 8260	<690	ug/Kg	PNC	11/07/98
1,2-Dichloropropane	EPA Method 8260	<690	ug/Kg	PNC	11/07/98
Bromodichloromethane	EPA Method 8260	<690	ug/Kg	PNC	11/07/98
Dibromomethane	EPA Method 8260	<690	ug/Kg	PNC	11/07/98
4-Methyl-2-Pentanone (MIBK)	EPA Method 8260	<1400	ug/Kg	PNC	11/07/98
cis-1,3-Dichloropropene	EPA Method 8260	<690	ug/Kg	PNC	11/07/98
Toluene	EPA Method 8260	<690	ug/Kg	PNC	11/07/98
trans-1,3-Dichloropropene	EPA Method 8260	<690	ug/Kg	PNC	11/07/98
1,1,2-Trichloroethane	EPA Method 8260	<690	ug/Kg	PNC	11/07/98
Tetrachloroethene	EPA Method 8260	<690	ug/Kg	PNC	11/07/98
2-Hexanone	EPA Method 8260	<1400	ug/Kg	PNC	11/07/98
Dibromochloromethane	EPA Method 8260	<690	ug/Kg	PNC	11/07/98
1,2-Dibromoethane	EPA Method 8260	<690	ug/Kg	PNC	11/07/98
Chlorobenzene	EPA Method 8260	<690	ug/Kg	PNC	11/07/98
Ethylbenzene	EPA Method 8260	<690	ug/Kg	PNC	11/07/98
1,3,5-Trimethylbenzene	EPA Method 8260	<690	ug/Kg	PNC	11/07/98
1,1,1,2-Tetrachloroethane	EPA Method 8260	<690	ug/Kg	PNC	11/07/98
Styrene	EPA Method 8260	<690	ug/Kg	PNC	11/07/98
Bromoform	EPA Method 8260	<690	ug/Kg	PNC	11/07/98
1,1,2,2-Tetrachloroethane	EPA Method 8260	<690	ug/Kg	PNC	11/07/98
1,3-Dichlorobenzene	EPA Method 8260	<690	ug/Kg	PNC	11/07/98

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SCILAB ALBANY, INC.
15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

ATC Associates, Inc.
104 East 25th Street
10th Floor
New York NY 10010

Task Number 9811-00004
Customer No. 040772
Project No. 2740
Purchase Order #
Report Date 11/13/98

Sampling Information

Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
Sample Date 10/29/1998 Time: 11:02					
Collection Method: Grab					
003 AX-2-6 6'-7'					
Matrix:					
1,4-Dichlorobenzene	EPA Method 8260	<690	ug/Kg	PNC	11/07/98
1,2-Dichlorobenzene	EPA Method 8260	<690	ug/Kg	PNC	11/07/98
Total Xylenes	EPA Method 8260	<690	ug/Kg	PNC	11/07/98
1,2-Dibromo-3-Chloropropane	EPA Method 8260	<1400	ug/Kg	PNC	11/07/98
Percent Solids		90.1	%	MJW	11/02/98
Sample Date 10/29/1998 Time: 11:55					
Collection Method: Grab					
004 AX-3-14 14'-15'				PNC	11/10/98
Matrix: Soil				PNC	11/10/98
EPA 8260S				PNC	11/10/98
Chloromethane	EPA Method 8260	<3300	ug/Kg	PNC	11/10/98
Vinyl Chloride	EPA Method 8260	<3300	ug/Kg	PNC	11/10/98
Bromomethane	EPA Method 8260	<3300	ug/Kg	PNC	11/10/98
Chloroethane	EPA Method 8260	<3300	ug/Kg	PNC	11/10/98
Trichlorofluoromethane	EPA Method 8260	<3300	ug/Kg	PNC	11/10/98
Acrolein	EPA Method 8260	<1700	ug/Kg	PNC	11/10/98
1,1-Dichloroethylene	EPA Method 8260	<1700	ug/Kg	PNC	11/10/98
Iodomethane	EPA Method 8260	11,000	ug/Kg	PNC	11/10/98
Acetone	EPA Method 8260	<1700	ug/Kg	PNC	11/10/98
Carbon Disulfide	EPA Method 8260	<1700	ug/Kg	PNC	11/10/98
Methylene Chloride	EPA Method 8260	<3300	ug/Kg	PNC	11/10/98
Acrylonitrile	EPA Method 8260	<1700	ug/Kg	PNC	11/10/98
trans-1,2-Dichloroethene	EPA Method 8260	<1700	ug/Kg	PNC	11/10/98
2,2-Dichloropropane	EPA Method 8260	<1700	ug/Kg	PNC	11/10/98
1,1-Dichloroethane	EPA Method 8260	<3300	ug/Kg	PNC	11/10/98
Vinyl Acetate	EPA Method 8260	<3300	ug/Kg	PNC	11/10/98
2-Butanone-(MEK)	EPA Method 8260	<1700	ug/Kg	PNC	11/10/98
cis-1,2-Dichloroethylene	EPA Method 8260	<1700	ug/Kg	PNC	11/10/98
Chloroform	EPA Method 8260	<1700	ug/Kg	PNC	11/10/98
Bromochloromethane	EPA Method 8260	<1700	ug/Kg	PNC	11/10/98
1,1,1-Trichloroethane	EPA Method 8260	<1700	ug/Kg	PNC	11/10/98
Carbon Tetrachloride	EPA Method 8260	2,900	ug/Kg	PNC	11/10/98
Benzene	EPA Method 8260	<1700	ug/Kg	PNC	11/10/98
1,2-Dichloroethane					

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SCILAB ALBANY, INC.
15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

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Test Performed	Method	Results	Units	Tech	Analy. Date
004 AX-3-14 14'-15'			Sample Date 10/29/1998 Time: 11:55		
Matrix:			Collection Method: Grab		
Trichloroethene	EPA Method 8260	<1700	ug/Kg	PNC	11/10/98
1,2-Dichloropropane	EPA Method 8260	<1700	ug/Kg	PNC	11/10/98
Bromodichloromethane	EPA Method 8260	<1700	ug/Kg	PNC	11/10/98
Dibromomethane	EPA Method 8260	<1700	ug/Kg	PNC	11/10/98
4-Methyl-2-Pentanone (MIBK)	EPA Method 8260	<3300	ug/Kg	PNC	11/10/98
cis-1,3-Dichloropropene	EPA Method 8260	<1700	ug/Kg	PNC	11/10/98
Toluene	EPA Method 8260	<1700	ug/Kg	PNC	11/10/98
trans-1,3-Dichloropropene	EPA Method 8260	<1700	ug/Kg	PNC	11/10/98
1,1,2-Trichloroethane	EPA Method 8260	<1700	ug/Kg	PNC	11/10/98
Tetrachloroethene	EPA Method 8260	<1700	ug/Kg	PNC	11/10/98
2-Hexanone	EPA Method 8260	<3300	ug/Kg	PNC	11/10/98
Dibromochloromethane	EPA Method 8260	<1700	ug/Kg	PNC	11/10/98
1,2-Dibromoethane	EPA Method 8260	<1700	ug/Kg	PNC	11/10/98
Chlorobenzene	EPA Method 8260	<1700	ug/Kg	PNC	11/10/98
Ethylbenzene	EPA Method 8260	4100	ug/Kg	PNC	11/10/98
1,3,5-Trimethylbenzene	EPA Method 8260	<1700	ug/Kg	PNC	11/10/98
1,1,1,2-Tetrachloroethane	EPA Method 8260	<1700	ug/Kg	PNC	11/10/98
Styrene	EPA Method 8260	<1700	ug/Kg	PNC	11/10/98
Bromoform	EPA Method 8260	<1700	ug/Kg	PNC	11/10/98
1,1,2,2-Tetrachloroethane	EPA Method 8260	<1700	ug/Kg	PNC	11/10/98
1,3-Dichlorobenzene	EPA Method 8260	<1700	ug/Kg	PNC	11/10/98
1,4-Dichlorobenzene	EPA Method 8260	<1700	ug/Kg	PNC	11/10/98
1,2-Dichlorobenzene	EPA Method 8260	<1700	ug/Kg	PNC	11/10/98
Total Xylenes	EPA Method 8260	5000	ug/Kg	PNC	11/10/98
1,2-Dibromo-3-Chloropropane	EPA Method 8260	<3300	ug/Kg	PNC	11/10/98
Lead, solid	ICP, SW-846 Method	226	mg/Kg	JMR	11/05/98
ICP/Flame Solid Digestion	EPA Method 3050	Complete		JES	11/02/98
Percent Solids		75.5	%	MJW	11/02/98
005 AX-4-3 3'-4'			Sample Date 10/29/1998 Time: 12:05		
Matrix: Soil			Collection Method: Grab		
EPA 8260S				PNC	11/10/98
Chloromethane	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98

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Test Performed	Method	Results	Units	Tech	Analy. Date
005 AX-4-3 3'-4'			Sample Date 10/29/1998 Time: 12:05		
Matrix:			Collection Method: Grab		
Vinyl Chloride	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
Bromomethane	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
Chloroethane	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
Trichlorofluoromethane	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
Acrolein	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
1,1-Dichloroethylene	EPA Method 8260	<740	ug/Kg	PNC	11/10/98
Iodomethane	EPA Method 8260	<740	ug/Kg	PNC	11/10/98
Acetone	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
Carbon Disulfide	EPA Method 8260	<740	ug/Kg	PNC	11/10/98
Methylene Chloride	EPA Method 8260	<740	ug/Kg	PNC	11/10/98
Acrylonitrile	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
trans-1,2-Dichloroethene	EPA Method 8260	<740	ug/Kg	PNC	11/10/98
2,2-Dichloropropane	EPA Method 8260	<740	ug/Kg	PNC	11/10/98
1,1-Dichloroethane	EPA Method 8260	<740	ug/Kg	PNC	11/10/98
Vinyl Acetate	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
2-Butanone-(MEK)	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
cis-1,2-Dichloroethylene	EPA Method 8260	<740	ug/Kg	PNC	11/10/98
Chloroform	EPA Method 8260	<740	ug/Kg	PNC	11/10/98
Bromochloromethane	EPA Method 8260	<740	ug/Kg	PNC	11/10/98
1,1,1-Trichloroethane	EPA Method 8260	<740	ug/Kg	PNC	11/10/98
Carbon Tetrachloride	EPA Method 8260	<740	ug/Kg	PNC	11/10/98
Benzene	EPA Method 8260	<740	ug/Kg	PNC	11/10/98
1,2-Dichloroethane	EPA Method 8260	<740	ug/Kg	PNC	11/10/98
Trichloroethene	EPA Method 8260	<740	ug/Kg	PNC	11/10/98
1,2-Dichloropropane	EPA Method 8260	<740	ug/Kg	PNC	11/10/98
Bromodichloromethane	EPA Method 8260	<740	ug/Kg	PNC	11/10/98
Dibromomethane	EPA Method 8260	<740	ug/Kg	PNC	11/10/98
4-Methyl-2-Pentanone (MIBK)	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
cis-1,3-Dichloropropene	EPA Method 8260	<740	ug/Kg	PNC	11/10/98
Toluene	EPA Method 8260	<740	ug/Kg	PNC	11/10/98
trans-1,3-Dichloropropene	EPA Method 8260	<740	ug/Kg	PNC	11/10/98
1,1,2-Trichloroethane	EPA Method 8260	<740	ug/Kg	PNC	11/10/98
Tetrachloroethene	EPA Method 8260	<740	ug/Kg	PNC	11/10/98

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Project No. 2740
Purchase Order #
Report Date 11/13/98

Sampling Information

Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
005 AX-4-3 3'-4'			Sample Date 10/29/1998 Time: 12:05		
Matrix:			Collection Method: Grab		
2-Hexanone	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
Dibromochloromethane	EPA Method 8260	<740	ug/Kg	PNC	11/10/98
1,2-Dibromoethane	EPA Method 8260	<740	ug/Kg	PNC	11/10/98
Chlorobenzene	EPA Method 8260	<740	ug/Kg	PNC	11/10/98
Ethylbenzene	EPA Method 8260	<740	ug/Kg	PNC	11/10/98
1,3,5-Trimethylbenzene	EPA Method 8260	<740	ug/Kg	PNC	11/10/98
1,1,1,2-Tetrachloroethane	EPA Method 8260	<740	ug/Kg	PNC	11/10/98
Styrene	EPA Method 8260	<740	ug/Kg	PNC	11/10/98
Bromoform	EPA Method 8260	<740	ug/Kg	PNC	11/10/98
1,1,2,2-Tetrachloroethane	EPA Method 8260	<740	ug/Kg	PNC	11/10/98
1,3-Dichlorobenzene	EPA Method 8260	<740	ug/Kg	PNC	11/10/98
1,4-Dichlorobenzene	EPA Method 8260	<740	ug/Kg	PNC	11/10/98
1,2-Dichlorobenzene	EPA Method 8260	950	ug/Kg	PNC	11/10/98
Total Xylenes	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
1,2-Dibromo-3-Chloropropane		84.4	%	MJW	11/02/98
Percent Solids					
			Sample Date 10/29/1998 Time: 12:20		
006 AX-4-14.5 14.5'-15.5'			Collection Method: Grab		
Matrix: Soil				PNC	11/07/98
EPA 8260S				PNC	11/07/98
Chloromethane	EPA Method 8260	<1600	ug/Kg	PNC	11/07/98
Vinyl Chloride	EPA Method 8260	<1600	ug/Kg	PNC	11/07/98
Bromomethane	EPA Method 8260	<1600	ug/Kg	PNC	11/07/98
Chloroethane	EPA Method 8260	<1600	ug/Kg	PNC	11/07/98
Trichlorofluoromethane	EPA Method 8260	<1600	ug/Kg	PNC	11/07/98
Acrolein	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
1,1-Dichloroethylene	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
Iodomethane	EPA Method 8260	<1600	ug/Kg	PNC	11/07/98
Acetone	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
Carbon Disulfide	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
Methylene Chloride	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
Acrylonitrile	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
trans-1,2-Dichloroethene	EPA Method 8260	<800	ug/Kg	PNC	11/07/98

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SCILAB ALBANY, INC.
15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

ATC Associates, Inc.
104 East 25th Street
10th Floor
New York NY 10010

Task Number 9811-00004
Customer No. 040772
Project No. 2740
Purchase Order #
Report Date 11/13/98

Sampling Information

Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
006 AX-4-14.5 14.5'-15.5'			Sample Date 10/29/1998 Time: 12:20		
Matrix:			Collection Method: Grab		
2,2-Dichloropropane	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
1,1-Dichloroethane	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
Vinyl Acetate	EPA Method 8260	<1600	ug/Kg	PNC	11/07/98
2-Butanone-(MEK)	EPA Method 8260	<1600	ug/Kg	PNC	11/07/98
cis-1,2-Dichloroethylene	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
Chloroform	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
Bromochloromethane	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
1,1,1-Trichloroethane	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
Carbon Tetrachloride	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
Benzene	EPA Method 8260	1000	ug/Kg	PNC	11/07/98
1,2-Dichloroethane	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
Trichloroethene	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
1,2-Dichloropropane	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
Bromodichloromethane	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
Dibromomethane	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
4-Methyl-2-Pentanone (MIBK)	EPA Method 8260	<1600	ug/Kg	PNC	11/07/98
cis-1,3-Dichloropropene	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
Toluene	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
trans-1,3-Dichloropropene	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
1,1,2-Trichloroethane	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
Tetrachloroethene	EPA Method 8260	<1600	ug/Kg	PNC	11/07/98
2-Hexanone	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
Dibromochloromethane	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
1,2-Dibromoethane	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
Chlorobenzene	EPA Method 8260	13000	ug/Kg	PNC	11/07/98
Ethylbenzene	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
1,3,5-Trimethylbenzene	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
1,1,1,2-Tetrachloroethane	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
Styrene	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
Bromoform	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
1,1,2,2-Tetrachloroethane	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
1,3-Dichlorobenzene	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
1,4-Dichlorobenzene	EPA Method 8260	<800	ug/Kg	PNC	11/07/98

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SCILAB ALBANY, INC.
15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

SCILAB
FULL SERVICE ENVIRONMENTAL LABORATORIES

ATC Associates, Inc.
104 East 25th Street
10th Floor
New York NY 10010

Task Number 9811-00004
Customer No. 040772
Project No. 2740
Purchase Order #
Report Date 11/13/98

Sampling Information

Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
006 AX-4-14.5 14.5'-15.5'			Sample Date 10/29/1998 Time: 12:20		
Matrix:			Collection Method: Grab		
1,2-Dichlorobenzene	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
Total Xylenes	EPA Method 8260	5100	ug/Kg	PNC	11/07/98
1,2-Dibromo-3-Chloropropane	EPA Method 8260	<1600	ug/Kg	PNC	11/07/98
PCBs in Soil	EPA Method 8080			LAT	11/06/98
PCB-1016	EPA Method 8080	<0.6	ug/g	LAT	11/06/98
PCB-1221	EPA Method 8080	<0.6	ug/g	LAT	11/06/98
PCB-1232	EPA Method 8080	<0.6	ug/g	LAT	11/06/98
PCB-1242	EPA Method 8080	<0.6	ug/g	LAT	11/06/98
PCB-1248	EPA Method 8080	<0.6	ug/g	LAT	11/06/98
PCB-1254	EPA Method 8080	<0.6	ug/g	LAT	11/06/98
PCB-1260	EPA Method 8080	<0.6	ug/g	LAT	11/06/98
Lead, solid	ICP, SW-846 Method	141	mg/Kg	JMR	11/05/98
8080 Ext. for PCBs in Soil	EPA Mehthod 8080	Complete		LIZ	11/03/98
Percent Solids		78.1	%	MJW	11/02/98
ICP/Flame Solid Digestion	EPA Method 3050	Complete		JES	11/02/98
007 AX 5-11 11'-12'			Sample Date 10/29/1998 Time: 13:42		
Matrix: Soil			Collection Method: Grab		
EPA 8260S				PNC	11/07/98
Chloromethane	EPA Method 8260	<1600	ug/Kg	PNC	11/07/98
Vinyl Chloride	EPA Method 8260	<1600	ug/Kg	PNC	11/07/98
Bromomethane	EPA Method 8260	<1600	ug/Kg	PNC	11/07/98
Chloroethane	EPA Method 8260	<1600	ug/Kg	PNC	11/07/98
Trichlorofluoromethane	EPA Method 8260	<1600	ug/Kg	PNC	11/07/98
Acrolein	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
1,1-Dichloroethylene	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
Iodomethane	EPA Method 8260	<1600	ug/Kg	PNC	11/07/98
Acetone	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
Carbon Disulfide	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
Methylene Chloride	EPA Method 8260	<1600	ug/Kg	PNC	11/07/98
Acrylonitrile	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
trans-1,2-Dichloroethene	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
2,2-Dichloropropane					

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15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
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Fax: (518) 786-7700

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Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
007 AX 5-11 11'-12'			Sample Date 10/29/1998 Time: 13:42 Collection Method: Grab		
Matrix:					
1,1-Dichloroethane	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
Vinyl Acetate	EPA Method 8260	<1600	ug/Kg	PNC	11/07/98
2-Butanone-(MEK)	EPA Method 8260	<1600	ug/Kg	PNC	11/07/98
cis-1,2-Dichloroethylene	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
Chloroform	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
Bromochloromethane	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
1,1,1-Trichloroethane	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
Carbon Tetrachloride	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
Benzene	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
1,2-Dichloroethane	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
Trichloroethene	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
1,2-Dichloropropane	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
Bromodichloromethane	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
Dibromomethane	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
4-Methyl-2-Pentanone (MIBK)	EPA Method 8260	<1600	ug/Kg	PNC	11/07/98
cis-1,3-Dichloropropene	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
Toluene	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
trans-1,3-Dichloropropene	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
1,1,2-Trichloroethane	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
Tetrachloroethene	EPA Method 8260	<1600	ug/Kg	PNC	11/07/98
2-Hexanone	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
Dibromochloromethane	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
1,2-Dibromoethane	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
Chlorobenzene	EPA Method 8260	910	ug/Kg	PNC	11/07/98
Ethylbenzene	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
1,3,5-Trimethylbenzene	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
1,1,1,2-Tetrachloroethane	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
Styrene	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
Bromoform	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
1,1,2,2-Tetrachloroethane	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
1,3-Dichlorobenzene	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
1,4-Dichlorobenzene	EPA Method 8260	<800	ug/Kg	PNC	11/07/98
1,2-Dichlorobenzene	EPA Method 8260	<800	ug/Kg	PNC	11/07/98

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15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

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FULL SERVICE ENVIRONMENTAL LABORATORIES

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104 East 25th Street
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New York NY 10010

Task Number 9811-00004
Customer No. 040772
Project No. 2740
Purchase Order #
Report Date 11/13/98

Sampling Information

Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
Sample Date 10/29/1998 Time: 13:42					
Collection Method: Grab					
007 AX 5-11 11'-12'					
Matrix:					
Total Xylenes	EPA Method 8260	920	ug/Kg	PNC	11/07/98
1,2-Dibromo-3-Chloropropane	EPA Method 8260	<1600	ug/Kg	PNC	11/07/98
PCBs in Soil	EPA Method 8080			LAT	11/06/98
PCB-1016	EPA Method 8080	<0.6	ug/g	LAT	11/06/98
PCB-1221	EPA Method 8080	<0.6	ug/g	LAT	11/06/98
PCB-1232	EPA Method 8080	<0.6	ug/g	LAT	11/06/98
PCB-1242	EPA Method 8080	<0.6	ug/g	LAT	11/06/98
PCB-1248	EPA Method 8080	<0.6	ug/g	LAT	11/06/98
PCB-1254	EPA Method 8080	<0.6	ug/g	LAT	11/06/98
PCB-1260	EPA Method 8080	<0.6	ug/g	LAT	11/06/98
Lead, solid	ICP, SW-846 Method	104	mg/Kg	JMR	11/05/98
Extraction for 8270B/N Soil	EPA Method 8270 B/N	Complete		ACK	11/02/98
Percent Solids		77.9	%	MJW	11/02/98
8080 Ext. for PCBs in Soil	EPA Mehthod 8080	Complete		LIZ	11/03/98
ICP/Flame Solid Digestion	EPA Method 3050	Complete		JES	11/02/98
EPA 8270BNS				MJS	11/05/98
bis(2-Chloroethyl)ether	EPA 8270 B/N	<210	ug/Kg	MJS	11/05/98
1,3-Dichlorobenzene	EPA 8270 B/N	<210	ug/Kg	MJS	11/05/98
1,4-Dichlorobenzene	EPA 8270 B/N	<210	ug/Kg	MJS	11/05/98
1,2-Dichlorobenzene	EPA 8270 B/N	<210	ug/Kg	MJS	11/05/98
bis(2-Chloroisopropyl)ether	EPA 8270 B/N	<210	ug/Kg	MJS	11/05/98
N-Nitroso-di-n-propylamine	EPA 8270 B/N	<210	ug/Kg	MJS	11/05/98
Hexachloroethane	EPA 8270 B/N	<210	ug/Kg	MJS	11/05/98
Nitrobenzene	EPA 8270 B/N	<210	ug/Kg	MJS	11/05/98
Isophorone	EPA 8270 B/N	<210	ug/Kg	MJS	11/05/98
Bis-(2-Chloroethoxy)-methane	EPA 8270 B/N	<210	ug/Kg	MJS	11/05/98
1,2,4-Trichlorobenzene	EPA 8270 B/N	<210	ug/Kg	MJS	11/05/98
Naphthalene	EPA 8270 B/N	<210	ug/Kg	MJS	11/05/98
Hexachlorobutadiene	EPA 8270 B/N	<210	ug/Kg	MJS	11/05/98
Hexachlorocyclopentadiene	EPA 8270 B/N	<210	ug/Kg	MJS	11/05/98
2-Chloronaphthalene	EPA 8270 B/N	<210	ug/Kg	MJS	11/05/98
Dimethyl Phthalate	EPA 8270 B/N	<430	ug/Kg	MJS	11/05/98
Acenaphthylene	EPA 8270 B/N	<210	ug/Kg	MJS	11/05/98

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Sampling Information

Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
007 AX 5-11 11'-12'			Sample Date 10/29/1998 Time: 13:42		
Matrix:			Collection Method: Grab		
Acenapthene	EPA 8270 B/N	<210	ug/Kg	MJS	11/05/98
2,6-Dinitrotoluene	EPA 8270 B/N	<210	ug/Kg	MJS	11/05/98
2,4-Dinitrotoluene	EPA 8270 B/N	<210	ug/Kg	MJS	11/05/98
Diethyl Phthalate	EPA 8270 B/N	<430	ug/Kg	MJS	11/05/98
4-Chlorophenyl Phenyl Ether	EPA 8270 B/N	<210	ug/Kg	MJS	11/05/98
Fluorene	EPA 8270 B/N	<210	ug/Kg	MJS	11/05/98
N-Nitrosodiphenylamine	EPA 8270 B/N	<210	ug/Kg	MJS	11/05/98
4-Bromophenyl Phenyl Ether	EPA 8270 B/N	<210	ug/Kg	MJS	11/05/98
Hexachlorobenzene	EPA 8270 B/N	<210	ug/Kg	MJS	11/05/98
Phenanthrene	EPA 8270 B/N	<210	ug/Kg	MJS	11/05/98
Anthracene	EPA 8270 B/N	<210	ug/Kg	MJS	11/05/98
Di-n-butylphthalate	EPA 8270 B/N	<430	ug/Kg	MJS	11/05/98
Fluoranthene	EPA 8270 B/N	<210	ug/Kg	MJS	11/05/98
Pyrene	EPA 8270 B/N	<210	ug/Kg	MJS	11/05/98
Butyl Benzyl Phthalate	EPA 8270 B/N	<430	ug/Kg	MJS	11/05/98
Benzo(a)anthracene	EPA 8270 B/N	<210	ug/Kg	MJS	11/05/98
3,3'-Dichlorbenzidine	EPA 8270 B/N	<430	ug/Kg	MJS	11/05/98
Chrysene	EPA 8270 B/N	<210	ug/Kg	MJS	11/05/98
bis(2-Ethylhexyl)phthalate	EPA 8270 B/N	<430	ug/Kg	MJS	11/05/98
Di-n-octyl phthalate	EPA 8270 B/N	<430	ug/Kg	MJS	11/05/98
Benzo(b)fluoranthene	EPA 8270 B/N	<210	ug/Kg	MJS	11/05/98
Benzo(k)fluoranthene	EPA 8270 B/N	<210	ug/Kg	MJS	11/05/98
Benzo(a)pyrene	EPA 8270 B/N	<210	ug/Kg	MJS	11/05/98
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N	<210	ug/Kg	MJS	11/05/98
Dibenzo(a,h)Anthracene	EPA 8270 B/N	<210	ug/Kg	MJS	11/05/98
Benzo (g,h,i) perylene	EPA 8270 B/N	<210	ug/Kg	MJS	11/05/98
2-MethylNaphthalene	EPA 8270 B/N	<1100	ug/Kg	MJS	11/05/98
3-Nitroaniline	EPA 8270 B/N	<210	ug/Kg	MJS	11/05/98
Dibenzofuran	EPA 8270 B/N	<210	ug/Kg	MJS	11/05/98
1,2,4,5-Tetrachlorobenzene	EPA 8270 B/N	<1100	ug/Kg	MJS	11/05/98
4-Nitroaniline	EPA 8270 B/N	<210	ug/Kg	MJS	11/05/98
4-Chloroaniline	EPA 8270 B/N	<1100	ug/Kg	MJS	11/05/98
2-Nitroaniline					

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Report Date 11/13/98

Sampling Information

Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
Sample Date 10/29/1998 Time: 14:35					
Collection Method: Grab					
008 AX 6-15 15'-16'					
Matrix: Soil					
EPA 8260S				PNC	11/10/98
Chloromethane	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
Vinyl Chloride	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
Bromomethane	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
Chloroethane	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
Trichlorofluoromethane	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
Acrolein	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
1,1-Dichloroethylene	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
Iodomethane	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
Acetone	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
Carbon Disulfide	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
Methylene Chloride	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
Acrylonitrile	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
trans-1,2-Dichloroethene	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
2,2-Dichloropropane	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
1,1-Dichloroethane	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
Vinyl Acetate	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
2-Butanone-(MEK)	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
cis-1,2-Dichloroethylene	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
Chloroform	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
Bromochloromethane	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
1,1,1-Trichloroethane	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
Carbon Tetrachloride	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
Benzene	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
1,2-Dichloroethane	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
Trichloroethene	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
1,2-Dichloropropane	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
Bromodichloromethane	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
Dibromomethane	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
4-Methyl-2-Pentanone (MIBK)	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
cis-1,3-Dichloropropene	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
Toluene	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
trans-1,3-Dichloropropene					

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SCILAB ALBANY, INC.
15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

ATC Associates, Inc.
104 East 25th Street
10th Floor
New York NY 10010

Task Number 9811-00004
Customer No. 040772
Project No. 2740
Purchase Order #
Report Date 11/13/98

Sampling Information

Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
Sample Date 10/29/1998 Time: 14:35					
Collection Method: Grab					
008 AX 6-15 15'-16'					
Matrix:					
1,1,2-Trichloroethane	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
Tetrachloroethene	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
2-Hexanone	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
Dibromochloromethane	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
1,2-Dibromoethane	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
Chlorobenzene	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
Ethylbenzene	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
1,3,5-Trimethylbenzene	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
1,1,1,2-Tetrachloroethane	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
Styrene	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
Bromoform	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
1,1,2,2-Tetrachloroethane	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
1,3-Dichlorobenzene	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
1,4-Dichlorobenzene	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
1,2-Dichlorobenzene	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
Total Xylenes	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
1,2-Dibromo-3-Chloropropane	EPA Method 8260			LAT	11/06/98
PCBs in Soil	EPA Method 8080			LAT	11/06/98
PCB-1016	EPA Method 8080	<0.5	ug/g	LAT	11/06/98
PCB-1221	EPA Method 8080	<0.5	ug/g	LAT	11/06/98
PCB-1232	EPA Method 8080	<0.5	ug/g	LAT	11/06/98
PCB-1242	EPA Method 8080	<0.5	ug/g	LAT	11/06/98
PCB-1248	EPA Method 8080	<0.5	ug/g	LAT	11/06/98
PCB-1254	EPA Method 8080	<0.5	ug/g	LAT	11/06/98
PCB-1260	EPA Method 8080	<0.5	ug/g	LAT	11/06/98
Lead, solid	ICP, SW-846 Method	96.6	mg/Kg	JMR	11/05/98
Extraction for 8270B/N Soil	EPA Method 8270 B/N	Complete		ACK	11/02/98
Percent Solids		83.8	%	MJW	11/02/98
8080 Ext. for PCBs in Soil	EPA Mehthod 8080	Complete		LIZ	11/03/98
ICP/Flame Solid Digestion	EPA Method 3050	Complete		JES	11/02/98
EPA 8270BNS				BHB	11/06/98
bis(2-Chloroethyl)ether	EPA 8270 B/N	<990	ug/Kg	BHB	11/06/98
1,3-Dichlorobenzene	EPA 8270 B/N	<990	ug/Kg	BHB	11/06/98

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15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

ATC Associates, Inc.
104 East 25th Street
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New York NY 10010

Task Number 9811-00004
Customer No. 040772
Project No. 2740
Purchase Order #
Report Date 11/13/98

Sampling Information

Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
008 AX 6-15 15'-16'			Sample Date 10/29/1998 Time: 14:35		
Matrix:			Collection Method: Grab		
1,4-Dichlorobenzene	EPA 8270 B/N	<990	ug/Kg	BHB	11/06/98
1,2-Dichlorobenzene	EPA 8270 B/N	<990	ug/Kg	BHB	11/06/98
bis(2-Chloroisopropyl)ether	EPA 8270 B/N	<990	ug/Kg	BHB	11/06/98
N-Nitroso-di-n-propylamine	EPA 8270 B/N	<990	ug/Kg	BHB	11/06/98
Hexachloroethane	EPA 8270 B/N	<990	ug/Kg	BHB	11/06/98
Nitrobenzene	EPA 8270 B/N	<990	ug/Kg	BHB	11/06/98
Isophorone	EPA 8270 B/N	<990	ug/Kg	BHB	11/06/98
Bis-(2-Chloroethoxy)-methane	EPA 8270 B/N	<990	ug/Kg	BHB	11/06/98
1,2,4-Trichlorobenzene	EPA 8270 B/N	<990	ug/Kg	BHB	11/06/98
Naphthalene	EPA 8270 B/N	<990	ug/Kg	BHB	11/06/98
Hexachlorobutadiene	EPA 8270 B/N	<990	ug/Kg	BHB	11/06/98
Hexachlorocyclopentadiene	EPA 8270 B/N	<990	ug/Kg	BHB	11/06/98
2-Chloronaphthalene	EPA 8270 B/N	<990	ug/Kg	BHB	11/06/98
Dimethyl Phthalate	EPA 8270 B/N	<2000	ug/Kg	BHB	11/06/98
Acenaphthylene	EPA 8270 B/N	<990	ug/Kg	BHB	11/06/98
Acenapthene	EPA 8270 B/N	<990	ug/Kg	BHB	11/06/98
2,6-Dinitrotoluene	EPA 8270 B/N	<990	ug/Kg	BHB	11/06/98
2,4-Dinitrotoluene	EPA 8270 B/N	<990	ug/Kg	BHB	11/06/98
Diethyl Phthalate	EPA 8270 B/N	<2000	ug/Kg	BHB	11/06/98
4-Chlorophenyl Phenyl Ether	EPA 8270 B/N	<990	ug/Kg	BHB	11/06/98
Fluorene	EPA 8270 B/N	<990	ug/Kg	BHB	11/06/98
N-Nitrosodiphenylamine	EPA 8270 B/N	<990	ug/Kg	BHB	11/06/98
4-Bromophenyl Phenyl Ether	EPA 8270 B/N	<990	ug/Kg	BHB	11/06/98
Hexachlorobenzene	EPA 8270 B/N	1000	ug/Kg	BHB	11/06/98
Phenanthrene	EPA 8270 B/N	<990	ug/Kg	BHB	11/06/98
Anthracene	EPA 8270 B/N	<2000	ug/Kg	BHB	11/06/98
Di-n-butylphthalate	EPA 8270 B/N	1100	ug/Kg	BHB	11/06/98
Fluoranthene	EPA 8270 B/N	<990	ug/Kg	BHB	11/06/98
Pyrene	EPA 8270 B/N	<2000	ug/Kg	BHB	11/06/98
Butyl Benzyl Phthalate	EPA 8270 B/N	<990	ug/Kg	BHB	11/06/98
Benzo(a)anthracene	EPA 8270 B/N	<2000	ug/Kg	BHB	11/06/98
3,3'-Dichlorbenzidine	EPA 8270 B/N	<990	ug/Kg	BHB	11/06/98
Chrysene					

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SCILAB ALBANY, INC.
15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

ATC Associates, Inc.
104 East 25th Street
10th Floor
New York NY 10010

Task Number 9811-00004
Customer No. 040772
Project No. 2740
Purchase Order #
Report Date 11/13/98

Sampling Information

Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
008 AX 6-15 15'-16'			Sample Date 10/29/1998 Time: 14:35		
Matrix:			Collection Method: Grab		
bis(2-Ethylhexyl)phthalate	EPA 8270 B/N	<2000	ug/Kg	BHB	11/06/98
Di-n-octyl phthalate	EPA 8270 B/N	<2000	ug/Kg	BHB	11/06/98
Benzo(b)fluoranthene	EPA 8270 B/N	<990	ug/Kg	BHB	11/06/98
Benzo(k)fluoranthene	EPA 8270 B/N	<990	ug/Kg	BHB	11/06/98
Benzo(a)pyrene	EPA 8270 B/N	<990	ug/Kg	BHB	11/06/98
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N	<990	ug/Kg	BHB	11/06/98
Dibenzo(a,h)Anthracene	EPA 8270 B/N	<990	ug/Kg	BHB	11/06/98
Benzo (g,h,i) perylene	EPA 8270 B/N	<990	ug/Kg	BHB	11/06/98
2-MethylNaphthalene	EPA 8270 B/N	<990	ug/Kg	BHB	11/06/98
3-Nitroaniline	EPA 8270 B/N	<5000	ug/Kg	BHB	11/06/98
Dibenzofuran	EPA 8270 B/N	<990	ug/Kg	BHB	11/06/98
1,2,4,5-Tetrachlorobenzene	EPA 8270 B/N	<990	ug/Kg	BHB	11/06/98
4-Nitroaniline	EPA 8270 B/N	<5000	ug/Kg	BHB	11/06/98
4-Chloroaniline	EPA 8270 B/N	<990	ug/Kg	BHB	11/06/98
2-Nitroaniline	EPA 8270 B/N	<5000	ug/Kg	BHB	11/06/98
Pql elevated due to matrix for 8270					
09 AX 7-13 13'-16'			Sample Date 10/29/1998 Time: 15:20		
Matrix: Soil			Collection Method: Grab		
EPA 8260S				PNC	11/06/98
Chloromethane	EPA Method 8260	<11	ug/Kg	PNC	11/06/98
Vinyl Chloride	EPA Method 8260	<11	ug/Kg	PNC	11/06/98
Bromomethane	EPA Method 8260	<11	ug/Kg	PNC	11/06/98
Chloroethane	EPA Method 8260	<11	ug/Kg	PNC	11/06/98
Trichlorofluoromethane	EPA Method 8260	<11	ug/Kg	PNC	11/06/98
Acrolein	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
1,1-Dichloroethylene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Iodomethane	EPA Method 8260	28	ug/Kg	PNC	11/06/98
Acetone	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Carbon Disulfide	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Methylene Chloride	EPA Method 8260	<11	ug/Kg	PNC	11/06/98
Acrylonitrile					

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15 Century Hill Drive
P.O. Box 787
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Tel: (518) 786-8100
Fax: (518) 786-7700

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Task Number 9811-00004
Customer No. 040772
Project No. 2740
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Report Date 11/13/98

Sampling Information

Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
Sample Date 10/29/1998 Time: 15:20					
Collection Method: Grab					
009 AX 7-13 13'-16'					
Matrix:					
trans-1,2-Dichloroethene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
2,2-Dichloropropane	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
1,1-Dichloroethane	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Vinyl Acetate	EPA Method 8260	<11	ug/Kg	PNC	11/06/98
2-Butanone-(MEK)	EPA Method 8260	<11	ug/Kg	PNC	11/06/98
cis-1,2-Dichloroethylene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Chloroform	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Bromochloromethane	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
1,1,1-Trichloroethane	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Carbon Tetrachloride	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Benzene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
1,2-Dichloroethane	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Trichloroethene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
1,2-Dichloropropane	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Bromodichloromethane	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Dibromomethane	EPA Method 8260	<11	ug/Kg	PNC	11/06/98
4-Methyl-2-Pentanone (MIBK)	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
cis-1,3-Dichloropropene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Toluene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
trans-1,3-Dichloropropene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
1,1,2-Trichloroethane	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Tetrachloroethene	EPA Method 8260	<11	ug/Kg	PNC	11/06/98
2-Hexanone	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Dibromochloromethane	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
1,2-Dibromoethane	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Chlorobenzene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Ethylbenzene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
1,3,5-Trimethylbenzene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
1,1,1,2-Tetrachloroethane	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Styrene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Bromoform	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
1,1,2,2-Tetrachloroethane	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
1,3-Dichlorobenzene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98

----- Continued on Next Page -----

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15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

ATC Associates, Inc.
104 East 25th Street
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Task Number 9811-00004
Customer No. 040772
Project No. 2740
Purchase Order #
Report Date 11/13/98

Sampling Information

Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
Sample Date 10/29/1998 Time: 15:20					
Collection Method: Grab					
009 AX 7-13 13'-16'					
Matrix:					
1,4-Dichlorobenzene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
1,2-Dichlorobenzene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Total Xylenes	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
1,2-Dibromo-3-Chloropropane	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Extraction for 8270B/N Soil	EPA Method 8270 B/N	Complete		ACK	11/02/98
Percent Solids		90.5	%	MJW	11/02/98
EPA 8270BNS				MJS	11/05/98
bis(2-Chloroethyl)ether	EPA 8270 B/N	<180	ug/Kg	MJS	11/05/98
1,3-Dichlorobenzene	EPA 8270 B/N	<180	ug/Kg	MJS	11/05/98
1,4-Dichlorobenzene	EPA 8270 B/N	<180	ug/Kg	MJS	11/05/98
1,2-Dichlorobenzene	EPA 8270 B/N	<180	ug/Kg	MJS	11/05/98
bis(2-Chloroisopropyl)ether	EPA 8270 B/N	<180	ug/Kg	MJS	11/05/98
N-Nitroso-di-n-propylamine	EPA 8270 B/N	<180	ug/Kg	MJS	11/05/98
Hexachloroethane	EPA 8270 B/N	<180	ug/Kg	MJS	11/05/98
Nitrobenzene	EPA 8270 B/N	<180	ug/Kg	MJS	11/05/98
Isophorone	EPA 8270 B/N	<180	ug/Kg	MJS	11/05/98
Bis-(2-Chloroethoxy)-methane	EPA 8270 B/N	<180	ug/Kg	MJS	11/05/98
1,2,4-Trichlorobenzene	EPA 8270 B/N	<180	ug/Kg	MJS	11/05/98
Naphthalene	EPA 8270 B/N	<180	ug/Kg	MJS	11/05/98
Hexachlorobutadiene	EPA 8270 B/N	<180	ug/Kg	MJS	11/05/98
Hexachlorocyclopentadiene	EPA 8270 B/N	<180	ug/Kg	MJS	11/05/98
2-Chloronaphthalene	EPA 8270 B/N	<180	ug/Kg	MJS	11/05/98
Dimethyl Phthalate	EPA 8270 B/N	<370	ug/Kg	MJS	11/05/98
Acenaphthylene	EPA 8270 B/N	<180	ug/Kg	MJS	11/05/98
Acenapthene	EPA 8270 B/N	<180	ug/Kg	MJS	11/05/98
2,6-Dinitrotoluene	EPA 8270 B/N	<180	ug/Kg	MJS	11/05/98
2,4-Dinitrotoluene	EPA 8270 B/N	<180	ug/Kg	MJS	11/05/98
Diethyl Phthalate	EPA 8270 B/N	<370	ug/Kg	MJS	11/05/98
4-Chlorophenyl Phenyl Ether	EPA 8270 B/N	<180	ug/Kg	MJS	11/05/98
Fluorene	EPA 8270 B/N	<180	ug/Kg	MJS	11/05/98
N-Nitrosodiphenylamine	EPA 8270 B/N	<180	ug/Kg	MJS	11/05/98
4-Bromophenyl Phenyl Ether	EPA 8270 B/N	<180	ug/Kg	MJS	11/05/98
Hexachlorobenzene	EPA 8270 B/N	<180	ug/Kg	MJS	11/05/98

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SCILAB ALBANY, INC.
15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

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Task Number 9811-00004
Customer No. 040772
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Report Date 11/13/98

Sampling Information

Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
U09 AX 7-13 13'-16'			Sample Date 10/29/1998 Time: 15:20		
Matrix:			Collection Method: Grab		
Phenanthrene	EPA 8270 B/N	<180	ug/Kg	MJS	11/05/98
Anthracene	EPA 8270 B/N	<180	ug/Kg	MJS	11/05/98
Di-n-butylphthalate	EPA 8270 B/N	<370	ug/Kg	MJS	11/05/98
Fluoranthene	EPA 8270 B/N	<180	ug/Kg	MJS	11/05/98
Pyrene	EPA 8270 B/N	<180	ug/Kg	MJS	11/05/98
Butyl Benzyl Phthalate	EPA 8270 B/N	<370	ug/Kg	MJS	11/05/98
Benzo(a)anthracene	EPA 8270 B/N	<180	ug/Kg	MJS	11/05/98
3,3'-Dichlorbenzidine	EPA 8270 B/N	<370	ug/Kg	MJS	11/05/98
Chrysene	EPA 8270 B/N	<180	ug/Kg	MJS	11/05/98
bis(2-Ethylhexyl)phthalate	EPA 8270 B/N	<370	ug/Kg	MJS	11/05/98
Di-n-octyl phthalate	EPA 8270 B/N	<370	ug/Kg	MJS	11/05/98
Benzo(b)fluoranthene	EPA 8270 B/N	<180	ug/Kg	MJS	11/05/98
Benzo(k)fluoranthene	EPA 8270 B/N	<180	ug/Kg	MJS	11/05/98
Benzo(a)pyrene	EPA 8270 B/N	<180	ug/Kg	MJS	11/05/98
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N	<180	ug/Kg	MJS	11/05/98
Dibenzo(a,h)Anthracene	EPA 8270 B/N	<180	ug/Kg	MJS	11/05/98
Benzo (g,h,i) perylene	EPA 8270 B/N	<180	ug/Kg	MJS	11/05/98
2-MethylNaphthalene	EPA 8270 B/N	<920	ug/Kg	MJS	11/05/98
3-Nitroaniline	EPA 8270 B/N	<180	ug/Kg	MJS	11/05/98
Dibenzofuran	EPA 8270 B/N	<180	ug/Kg	MJS	11/05/98
1,2,4,5-Tetrachlorobenzene	EPA 8270 B/N	<920	ug/Kg	MJS	11/05/98
4-Nitroaniline	EPA 8270 B/N	<180	ug/Kg	MJS	11/05/98
4-Chloroaniline	EPA 8270 B/N	<920	ug/Kg	MJS	11/05/98
2-Nitroaniline					
			Sample Date 10/29/1998 Time: 10:09		
010 AX-GW-1			Collection Method: Grab		
Matrix: Water				PNC	11/10/98
EPA 8260W				PNC	11/10/98
Chloromethane	EPA Method 8260	<10	ug/L	PNC	11/10/98
Vinyl Chloride	EPA Method 8260	<10	ug/L	PNC	11/10/98
Bromomethane	EPA Method 8260	<10	ug/L	PNC	11/10/98
Chloroethane	EPA Method 8260	<10	ug/L	PNC	11/10/98
Trichlorofluoromethane	EPA Method 8260	<10	ug/L	PNC	11/10/98

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FULL SERVICE ENVIRONMENTAL LABORATORIES

SCILAB ALBANY, INC.
15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

ATC Associates, Inc.
104 East 25th Street
10th Floor
New York NY 10010

Task Number 9811-00004
Customer No. 040772
Project No. 2740
Purchase Order #
Report Date 11/13/98

Sampling Information

Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
			Sample Date 10/29/1998 Time: 10:09		
010 AX-GW-1			Collection Method: Grab		
Matrix:					
Acrolein	EPA Method 8260	<10	ug/L	PNC	11/10/98
1,1-Dichloroethylene	EPA Method 8260	<5	ug/L	PNC	11/10/98
Iodomethane	EPA Method 8260	<5	ug/L	PNC	11/10/98
Acetone	EPA Method 8260	42	ug/L	PNC	11/10/98
Carbon Disulfide	EPA Method 8260	<5	ug/L	PNC	11/10/98
Methylene Chloride	EPA Method 8260	<5	ug/L	PNC	11/10/98
Acrylonitrile	EPA Method 8260	<10	ug/L	PNC	11/10/98
trans-1,2-Dichloroethene	EPA Method 8260	<5	ug/L	PNC	11/10/98
2,2-Dichloropropane	EPA Method 8260	<5	ug/L	PNC	11/10/98
1,1-Dichloroethane	EPA Method 8260	<5	ug/L	PNC	11/10/98
Vinyl Acetate	EPA Method 8260	<10	ug/L	PNC	11/10/98
2-Butanone-(MEK)	EPA Method 8260	<10	ug/L	PNC	11/10/98
cis-1,2-Dichloroethylene	EPA Method 8260	<5	ug/L	PNC	11/10/98
Chloroform	EPA Method 8260	<5	ug/L	PNC	11/10/98
Bromochloromethane	EPA Method 8260	<5	ug/L	PNC	11/10/98
1,1,1-Trichloroethane	EPA Method 8260	<5	ug/L	PNC	11/10/98
Carbon Tetrachloride	EPA Method 8260	<5	ug/L	PNC	11/10/98
Benzene	EPA Method 8260	28	ug/L	PNC	11/10/98
1,2-Dichloroethane	EPA Method 8260	<5	ug/L	PNC	11/10/98
Trichloroethene	EPA Method 8260	<5	ug/L	PNC	11/10/98
1,2-Dichloropropane	EPA Method 8260	<5	ug/L	PNC	11/10/98
Bromodichloromethane	EPA Method 8260	<5	ug/L	PNC	11/10/98
Dibromomethane	EPA Method 8260	<5	ug/L	PNC	11/10/98
4-Methyl-2-Pentanone (MIBK)	EPA Method 8260	<10	ug/L	PNC	11/10/98
cis-1,3-Dichloropropene	EPA Method 8260	<5	ug/L	PNC	11/10/98
Toluene	EPA Method 8260	5	ug/L	PNC	11/10/98
trans-1,3-Dichloropropene	EPA Method 8260	<5	ug/L	PNC	11/10/98
1,1,2-Trichloroethane	EPA Method 8260	<5	ug/L	PNC	11/10/98
Tetrachloroethene	EPA Method 8260	<5	ug/L	PNC	11/10/98
2-Hexanone	EPA Method 8260	<10	ug/L	PNC	11/10/98
Dibromochloromethane	EPA Method 8260	<5	ug/L	PNC	11/10/98
1,2-Dibromoethane	EPA Method 8260	<5	ug/L	PNC	11/10/98
Chlorobenzene	EPA Method 8260	<5	ug/L	PNC	11/10/98

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SCILAB ALBANY, INC.
15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

SCILAB
FULL SERVICE ENVIRONMENTAL LABORATORIES

ATC Associates, Inc.
104 East 25th Street
10th Floor
New York NY 10010

Task Number 9811-00004
Customer No. 040772
Project No. 2740
Purchase Order #
Report Date 11/13/98

Sampling Information

Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
Sample Date 10/29/1998 Time: 10:09					
Collection Method: Grab					
010 AX-GW-1					
Matrix:					
Ethylbenzene	EPA Method 8260	13	ug/L	PNC	11/10/98
Total Xylenes	EPA Method 8260	14	ug/L	PNC	11/10/98
1,1,1,2-Tetrachloroethane	EPA Method 8260	<5	ug/L	PNC	11/10/98
Styrene	EPA Method 8260	<5	ug/L	PNC	11/10/98
Bromoform	EPA Method 8260	<5	ug/L	PNC	11/10/98
1,1,2,2-Tetrachloroethane	EPA Method 8260	<5	ug/L	PNC	11/10/98
1,3-Dichlorobenzene	EPA Method 8260	<5	ug/L	PNC	11/10/98
1,4-Dichlorobenzene	EPA Method 8260	<5	ug/L	PNC	11/10/98
1,2-Dichlorobenzene	EPA Method 8260	<5	ug/L	PNC	11/10/98
1,2-Dibromo-3-Chloropropane	EPA Method 8260	<10	ug/L	PNC	11/10/98
Lead, water	ICP, EPA Method 200	7.4	mg/L	JMR	11/04/98
PCBs in Water	EPA Method 608			LAT	11/06/98
PCB-1016	EPA Method 608	<0.5	ug/L	LAT	11/06/98
PCB-1221	EPA Method 608	<0.5	ug/L	LAT	11/06/98
PCB-1232	EPA Method 608	<0.5	ug/L	LAT	11/06/98
PCB-1242	EPA Method 608	<0.5	ug/L	LAT	11/06/98
PCB-1248	EPA Method 608	<0.5	ug/L	LAT	11/06/98
PCB-1254	EPA Method 608	<0.5	ug/L	LAT	11/06/98
PCB-1260	EPA Method 608	<0.5	ug/L	LAT	11/06/98
ICP/Flame Water Digestion	EPA Method 3010	Complete		JES	11/02/98
608 Ext. for PCBs in Water	EPA Method 608	Complete		ACK	11/04/98
Semi-Volatile Organics	EPA Method 625 (B/N			MJS	11/07/98
N-Nitrosodimethylamine	EPA Method 625 Base	<5	ug/L	MJS	11/07/98
bis(2-Chloroethyl)ether	EPA Method 625 Base	<5	ug/L	MJS	11/07/98
1,3-Dichlorobenzene	EPA Method 625 Base	<5	ug/L	MJS	11/07/98
1,4-Dichlorobenzene	EPA Method 625 Base	<5	ug/L	MJS	11/07/98
1,2-Dichlorobenzene	EPA Method 625 Base	<5	ug/L	MJS	11/07/98
bis(2-Chloroisopropyl)ether	EPA Method 625 Base	<5	ug/L	MJS	11/07/98
N-Nitroso-di-n-propylamine	EPA Method 625 Base	<5	ug/L	MJS	11/07/98
Hexachloroethane	EPA Method 625 Base	<5	ug/L	MJS	11/07/98
Nitrobenzene	EPA Method 625 Base	<5	ug/L	MJS	11/07/98
Isophorone	EPA Method 625 Base	<5	ug/L	MJS	11/07/98
1,2,4-Trichlorobenzene	EPA Method 625 Base	<5	ug/L	MJS	11/07/98

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SCILAB ALBANY, INC.
15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

ATC Associates, Inc.
104 East 25th Street
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New York NY 10010

Task Number 9811-00004
Customer No. 040772
Project No. 2740
Purchase Order #
Report Date 11/13/98

Sampling Information

Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
010 AX-GW-1			Sample Date 10/29/1998 Time: 10:09		
Matrix:			Collection Method: Grab		
Naphthalene	EPA Method 625 Base	<5	ug/L	MJS	11/07/98
Hexachlorobutadiene	EPA Method 625 Base	<5	ug/L	MJS	11/07/98
Hexachlorocyclopentadiene	EPA Method 625 Base	<5	ug/L	MJS	11/07/98
2-Chloronaphthalene	EPA Method 625 Base	<5	ug/L	MJS	11/07/98
Dimethyl Phthalate	EPA Method 625 Base	<10	ug/L	MJS	11/07/98
Acenaphthylene	EPA Method 625 Base	<5	ug/L	MJS	11/07/98
Acenapthene	EPA Method 625 Base	<5	ug/L	MJS	11/07/98
2,6-Dinitrotoluene	EPA Method 625 Base	<5	ug/L	MJS	11/07/98
2,4-Dinitrotoluene	EPA Method 625 Base	<5	ug/L	MJS	11/07/98
Diethyl Phthalate	EPA Method 625 Base	<10	ug/L	MJS	11/07/98
4-Chlorophenyl Phenyl Ether	EPA Method 625 Base	<5	ug/L	MJS	11/07/98
Fluorene	EPA Method 625 Base	<5	ug/L	MJS	11/07/98
N-Nitrosodiphenylamine	EPA Method 625 Base	<5	ug/L	MJS	11/07/98
4-Bromophenyl Phenyl Ether	EPA Method 625 Base	<5	ug/L	MJS	11/07/98
Hexachlorobenzene	EPA Method 625 Base	<5	ug/L	MJS	11/07/98
Phenanthrene	EPA Method 625 Base	<5	ug/L	MJS	11/07/98
Anthracene	EPA Method 625 Base	<5	ug/L	MJS	11/07/98
Di-n-butylphthalate	EPA Method 625 Base	<10	ug/L	MJS	11/07/98
Fluoranthene	EPA Method 625 Base	<5	ug/L	MJS	11/07/98
Pyrene	EPA Method 625 Base	<5	ug/L	MJS	11/07/98
Benzidine	EPA Method 625 Base	<5	ug/L	MJS	11/07/98
Butyl Benzyl Phthalate	EPA Method 625 Base	<10	ug/L	MJS	11/07/98
Benzo(a)anthracene	EPA Method 625 Base	<5	ug/L	MJS	11/07/98
3,3-Dichlorobenzidiene	EPA Method 625 Base	<10	ug/L	MJS	11/07/98
Chrysene	EPA Method 625 Base	<5	ug/L	MJS	11/07/98
bis(2-Ethylhexyl)phthalate	EPA Method 625 Base	<10	ug/L	MJS	11/07/98
Di-n-octyl phthalate	EPA Method 625 Base	<10	ug/L	MJS	11/07/98
Benzo(b)fluoranthene	EPA Method 625 Base	<5	ug/L	MJS	11/07/98
Benzo(k)fluoranthene	EPA Method 625 Base	<5	ug/L	MJS	11/07/98
Benzo(a)pyrene	EPA Method 625 Base	<5	ug/L	MJS	11/07/98
Indeno (1,2,3-cd)Pyrene	EPA Method 625 Base	<5	ug/L	MJS	11/07/98
Dibenzo(a,h)Anthracene	EPA Method 625 Base	<5	ug/L	MJS	11/07/98
Benzo (g,h,i) perylene	EPA Method 625 Base	<5	ug/L	MJS	11/07/98

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SCILAB ALBANY, INC.
15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

ATC Associates, Inc.
104 East 25th Street
10th Floor
New York NY 10010

Task Number 9811-00004
Customer No. 040772
Project No. 2740
Purchase Order #
Report Date 11/13/98

Sampling Information

Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
Sample Date 10/29/1998 Time: 10:09					
010 AX-GW-1					
Collection Method: Grab					
Matrix:				ACK	11/03/98
Extraction for 625 B/N	EPA Method 625 B/N Complete			PNC	11/13/98
VOA Library Search	SW-846 Method 8270 Attached			BHB	11/11/98
SVOA Library Search	SW-846 Method 8270 complete				
Sample Date 10/30/1998 Time: 14:15					
011 AX-GW-8					
Collection Method: Grab					
Matrix: Water				PNC	11/09/98
EPA 8260W				PNC	11/09/98
Chloromethane	EPA Method 8260	<10	ug/L	PNC	11/09/98
Vinyl Chloride	EPA Method 8260	<10	ug/L	PNC	11/09/98
Bromomethane	EPA Method 8260	<10	ug/L	PNC	11/09/98
Chloroethane	EPA Method 8260	<10	ug/L	PNC	11/09/98
Trichlorofluoromethane	EPA Method 8260	<10	ug/L	PNC	11/09/98
Acrolein	EPA Method 8260	<10	ug/L	PNC	11/09/98
1,1-Dichloroethylene	EPA Method 8260	<5	ug/L	PNC	11/09/98
Iodomethane	EPA Method 8260	<5	ug/L	PNC	11/09/98
Acetone	EPA Method 8260	22	ug/L	PNC	11/09/98
Carbon Disulfide	EPA Method 8260	<5	ug/L	PNC	11/09/98
Methylene Chloride	EPA Method 8260	<5	ug/L	PNC	11/09/98
Acrylonitrile	EPA Method 8260	<10	ug/L	PNC	11/09/98
trans-1,2-Dichloroethene	EPA Method 8260	<5	ug/L	PNC	11/09/98
2,2-Dichloropropane	EPA Method 8260	<5	ug/L	PNC	11/09/98
1,1-Dichloroethane	EPA Method 8260	<5	ug/L	PNC	11/09/98
Vinyl Acetate	EPA Method 8260	<10	ug/L	PNC	11/09/98
2-Butanone-(MEK)	EPA Method 8260	26	ug/L	PNC	11/09/98
cis-1,2-Dichloroethylene	EPA Method 8260	<5	ug/L	PNC	11/09/98
Chloroform	EPA Method 8260	<5	ug/L	PNC	11/09/98
Bromochloromethane	EPA Method 8260	<5	ug/L	PNC	11/09/98
1,1,1-Trichloroethane	EPA Method 8260	<5	ug/L	PNC	11/09/98
Carbon Tetrachloride	EPA Method 8260	<5	ug/L	PNC	11/09/98
Benzene	EPA Method 8260	11	ug/L	PNC	11/09/98
1,2-Dichloroethane	EPA Method 8260	<5	ug/L	PNC	11/09/98
Trichloroethene	EPA Method 8260	<5	ug/L	PNC	11/09/98
1,2-Dichloropropane	EPA Method 8260	<5	ug/L	PNC	11/09/98

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15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

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Task Number 9811-00004
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Sampling Information

Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
011 AX-GW-8			Sample Date 10/30/1998 Time: 14:15		
Matrix:			Collection Method: Grab		
Bromodichloromethane	EPA Method 8260	<5	ug/L	PNC	11/09/98
Dibromomethane	EPA Method 8260	<5	ug/L	PNC	11/09/98
4-Methyl-2-Pentanone (MIBK)	EPA Method 8260	<10	ug/L	PNC	11/09/98
cis-1,3-Dichloropropene	EPA Method 8260	<5	ug/L	PNC	11/09/98
Toluene	EPA Method 8260	<5	ug/L	PNC	11/09/98
trans-1,3-Dichloropropene	EPA Method 8260	<5	ug/L	PNC	11/09/98
1,1,2-Trichloroethane	EPA Method 8260	<5	ug/L	PNC	11/09/98
Tetrachloroethene	EPA Method 8260	<5	ug/L	PNC	11/09/98
2-Hexanone	EPA Method 8260	<10	ug/L	PNC	11/09/98
Dibromochloromethane	EPA Method 8260	<5	ug/L	PNC	11/09/98
1,2-Dibromoethane	EPA Method 8260	<5	ug/L	PNC	11/09/98
Chlorobenzene	EPA Method 8260	<5	ug/L	PNC	11/09/98
Ethylbenzene	EPA Method 8260	<5	ug/L	PNC	11/09/98
Total Xylenes	EPA Method 8260	<5	ug/L	PNC	11/09/98
1,1,1,2-Tetrachloroethane	EPA Method 8260	<5	ug/L	PNC	11/09/98
Styrene	EPA Method 8260	<5	ug/L	PNC	11/09/98
Bromoform	EPA Method 8260	<5	ug/L	PNC	11/09/98
1,1,2,2-Tetrachloroethane	EPA Method 8260	<5	ug/L	PNC	11/09/98
1,3-Dichlorobenzene	EPA Method 8260	<5	ug/L	PNC	11/09/98
1,4-Dichlorobenzene	EPA Method 8260	<5	ug/L	PNC	11/09/98
1,2-Dichlorobenzene	EPA Method 8260	<5	ug/L	PNC	11/09/98
1,2-Dibromo-3-Chloropropane	EPA Method 8260	<10	ug/L	PNC	11/09/98
Lead, water	ICP, EPA Method 200	38.1	mg/L	JMR	11/04/98
ICP/Flame Water Digestion	EPA Method 3010	Complete		JES	11/02/98
VOA Library Search	SW-846 Method 8270	Attached		PNC	11/13/98
012 AX 7-15 15'-16'			Sample Date 10/29/1998 Time: 15:30		
Matrix: Soil			Collection Method: Grab		
EPA 8260S				PNC	11/07/98
Chloromethane	EPA Method 8260	<1500	ug/Kg	PNC	11/07/98
Vinyl Chloride	EPA Method 8260	<1500	ug/Kg	PNC	11/07/98
Bromomethane	EPA Method 8260	<1500	ug/Kg	PNC	11/07/98
Chloroethane	EPA Method 8260	<1500	ug/Kg	PNC	11/07/98

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Test Performed	Method	Results	Units	Tech	Analy. Date
012 AX 7-15 15'-16'			Sample Date 10/29/1998 Time: 15:30		
Matrix:			Collection Method: Grab		
Trichlorofluoromethane	EPA Method 8260	<1500	ug/Kg	PNC	11/07/98
Acrolein	EPA Method 8260	<1500	ug/Kg	PNC	11/07/98
1,1-Dichloroethylene	EPA Method 8260	<740	ug/Kg	PNC	11/07/98
Iodomethane	EPA Method 8260	<740	ug/Kg	PNC	11/07/98
Acetone	EPA Method 8260	<1500	ug/Kg	PNC	11/07/98
Carbon Disulfide	EPA Method 8260	<740	ug/Kg	PNC	11/07/98
Methylene Chloride	EPA Method 8260	<740	ug/Kg	PNC	11/07/98
Acrylonitrile	EPA Method 8260	<1500	ug/Kg	PNC	11/07/98
trans-1,2-Dichloroethene	EPA Method 8260	<740	ug/Kg	PNC	11/07/98
2,2-Dichloropropane	EPA Method 8260	<740	ug/Kg	PNC	11/07/98
1,1-Dichloroethane	EPA Method 8260	<740	ug/Kg	PNC	11/07/98
Vinyl Acetate	EPA Method 8260	<1500	ug/Kg	PNC	11/07/98
2-Butanone-(MEK)	EPA Method 8260	<1500	ug/Kg	PNC	11/07/98
cis-1,2-Dichloroethylene	EPA Method 8260	<740	ug/Kg	PNC	11/07/98
Chloroform	EPA Method 8260	<740	ug/Kg	PNC	11/07/98
Bromochloromethane	EPA Method 8260	<740	ug/Kg	PNC	11/07/98
1,1,1-Trichloroethane	EPA Method 8260	<740	ug/Kg	PNC	11/07/98
Carbon Tetrachloride	EPA Method 8260	<740	ug/Kg	PNC	11/07/98
Benzene	EPA Method 8260	<740	ug/Kg	PNC	11/07/98
1,2-Dichloroethane	EPA Method 8260	<740	ug/Kg	PNC	11/07/98
Trichloroethene	EPA Method 8260	<740	ug/Kg	PNC	11/07/98
1,2-Dichloropropane	EPA Method 8260	<740	ug/Kg	PNC	11/07/98
Bromodichloromethane	EPA Method 8260	<740	ug/Kg	PNC	11/07/98
Dibromomethane	EPA Method 8260	<1500	ug/Kg	PNC	11/07/98
4-Methyl-2-Pentanone (MIBK)	EPA Method 8260	<740	ug/Kg	PNC	11/07/98
cis-1,3-Dichloropropene	EPA Method 8260	<740	ug/Kg	PNC	11/07/98
Toluene	EPA Method 8260	<740	ug/Kg	PNC	11/07/98
trans-1,3-Dichloropropene	EPA Method 8260	<740	ug/Kg	PNC	11/07/98
1,1,2-Trichloroethane	EPA Method 8260	<740	ug/Kg	PNC	11/07/98
Tetrachloroethene	EPA Method 8260	<1500	ug/Kg	PNC	11/07/98
2-Hexanone	EPA Method 8260	<740	ug/Kg	PNC	11/07/98
Dibromochloromethane	EPA Method 8260	<740	ug/Kg	PNC	11/07/98
1,2-Dibromoethane					

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Test Performed	Method	Results	Units	Tech	Analy. Date
012 AX 7-15 15'-16'			Sample Date 10/29/1998 Time: 15:30		
Matrix:			Collection Method: Grab		
Chlorobenzene	EPA Method 8260	<740	ug/Kg	PNC	11/07/98
Ethylbenzene	EPA Method 8260	<740	ug/Kg	PNC	11/07/98
1,3,5-Trimethylbenzene	EPA Method 8260	<740	ug/Kg	PNC	11/07/98
1,1,1,2-Tetrachloroethane	EPA Method 8260	<740	ug/Kg	PNC	11/07/98
Styrene	EPA Method 8260	<740	ug/Kg	PNC	11/07/98
Bromoform	EPA Method 8260	<740	ug/Kg	PNC	11/07/98
1,1,2,2-Tetrachloroethane	EPA Method 8260	<740	ug/Kg	PNC	11/07/98
1,3-Dichlorobenzene	EPA Method 8260	<740	ug/Kg	PNC	11/07/98
1,4-Dichlorobenzene	EPA Method 8260	<740	ug/Kg	PNC	11/07/98
1,2-Dichlorobenzene	EPA Method 8260	<740	ug/Kg	PNC	11/07/98
Total Xylenes	EPA Method 8260	<1500	ug/Kg	PNC	11/07/98
1,2-Dibromo-3-Chloropropane	EPA Method 8260	84.4	%	MJW	11/02/98
Percent Solids					
113 AK 1-3 3'-4'			Sample Date 10/30/1998 Time: 9:27		
Matrix: Soil			Collection Method: Grab		
EPA 8260S				PNC	11/06/98
Chloromethane	EPA Method 8260	<140	ug/Kg	PNC	11/06/98
Vinyl Chloride	EPA Method 8260	<140	ug/Kg	PNC	11/06/98
Bromomethane	EPA Method 8260	<140	ug/Kg	PNC	11/06/98
Chloroethane	EPA Method 8260	<140	ug/Kg	PNC	11/06/98
Trichlorofluoromethane	EPA Method 8260	<140	ug/Kg	PNC	11/06/98
Acrolein	EPA Method 8260	<68	ug/Kg	PNC	11/06/98
1,1-Dichloroethylene	EPA Method 8260	<68	ug/Kg	PNC	11/06/98
Iodomethane	EPA Method 8260	<140	ug/Kg	PNC	11/06/98
Acetone	EPA Method 8260	<68	ug/Kg	PNC	11/06/98
Carbon Disulfide	EPA Method 8260	<68	ug/Kg	PNC	11/06/98
Methylene Chloride	EPA Method 8260	<140	ug/Kg	PNC	11/06/98
Acrylonitrile	EPA Method 8260	<68	ug/Kg	PNC	11/06/98
trans-1,2-Dichloroethene	EPA Method 8260	<68	ug/Kg	PNC	11/06/98
2,2-Dichloropropane	EPA Method 8260	<68	ug/Kg	PNC	11/06/98
1,1-Dichloroethane	EPA Method 8260	<140	ug/Kg	PNC	11/06/98
Vinyl Acetate					

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SCILAB ALBANY, INC.
15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

ATC Associates, Inc.
104 East 25th Street
10th Floor
New York NY 10010

Task Number 9811-00004
Customer No. 040772
Project No. 2740
Purchase Order #
Report Date 11/13/98

Sampling Information

Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
013 AK 1-3 3'-4'			Sample Date 10/30/1998 Time: 9:27		
Matrix:			Collection Method: Grab		
2-Butanone-(MEK)	EPA Method 8260	<140	ug/Kg	PNC	11/06/98
cis-1,2-Dichloroethylene	EPA Method 8260	<68	ug/Kg	PNC	11/06/98
Chloroform	EPA Method 8260	<68	ug/Kg	PNC	11/06/98
Bromochloromethane	EPA Method 8260	<68	ug/Kg	PNC	11/06/98
1,1,1-Trichloroethane	EPA Method 8260	<68	ug/Kg	PNC	11/06/98
Carbon Tetrachloride	EPA Method 8260	<68	ug/Kg	PNC	11/06/98
Benzene	EPA Method 8260	<68	ug/Kg	PNC	11/06/98
1,2-Dichloroethane	EPA Method 8260	<68	ug/Kg	PNC	11/06/98
Trichloroethene	EPA Method 8260	<68	ug/Kg	PNC	11/06/98
1,2-Dichloropropane	EPA Method 8260	<68	ug/Kg	PNC	11/06/98
Bromodichloromethane	EPA Method 8260	<68	ug/Kg	PNC	11/06/98
Dibromomethane	EPA Method 8260	<68	ug/Kg	PNC	11/06/98
4-Methyl-2-Pentanone (MIBK)	EPA Method 8260	<140	ug/Kg	PNC	11/06/98
cis-1,3-Dichloropropene	EPA Method 8260	<68	ug/Kg	PNC	11/06/98
Toluene	EPA Method 8260	<68	ug/Kg	PNC	11/06/98
trans-1,3-Dichloropropene	EPA Method 8260	<68	ug/Kg	PNC	11/06/98
1,1,2-Trichloroethane	EPA Method 8260	<68	ug/Kg	PNC	11/06/98
Tetrachloroethene	EPA Method 8260	<68	ug/Kg	PNC	11/06/98
2-Hexanone	EPA Method 8260	<140	ug/Kg	PNC	11/06/98
Dibromochloromethane	EPA Method 8260	<68	ug/Kg	PNC	11/06/98
1,2-Dibromoethane	EPA Method 8260	<68	ug/Kg	PNC	11/06/98
Chlorobenzene	EPA Method 8260	<68	ug/Kg	PNC	11/06/98
Ethylbenzene	EPA Method 8260	<68	ug/Kg	PNC	11/06/98
1,3,5-Trimethylbenzene	EPA Method 8260	<68	ug/Kg	PNC	11/06/98
1,1,1,2-Tetrachloroethane	EPA Method 8260	<68	ug/Kg	PNC	11/06/98
Styrene	EPA Method 8260	<68	ug/Kg	PNC	11/06/98
Bromoform	EPA Method 8260	<68	ug/Kg	PNC	11/06/98
1,1,2,2-Tetrachloroethane	EPA Method 8260	<68	ug/Kg	PNC	11/06/98
1,3-Dichlorobenzene	EPA Method 8260	<68	ug/Kg	PNC	11/06/98
1,4-Dichlorobenzene	EPA Method 8260	<68	ug/Kg	PNC	11/06/98
1,2-Dichlorobenzene	EPA Method 8260	<68	ug/Kg	PNC	11/06/98
Total Xylenes	EPA Method 8260	<140	ug/Kg	PNC	11/06/98
1,2-Dibromo-3-Chloropropane	EPA Method 8260				

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15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

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FULL SERVICE ENVIRONMENTAL LABORATORIES

ATC Associates, Inc.
104 East 25th Street
10th Floor
New York NY 10010

Task Number 9811-00004
Customer No. 040772
Project No. 2740
Purchase Order #
Report Date 11/13/98

Sampling Information

Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
Sample Date 10/30/1998 Time: 9:27					
Collection Method: Grab					
013 AK 1-3 3'-4'					
Matrix:				MJS	11/05/98
EPA 8270BNS				MJS	11/05/98
bis(2-Chloroethyl)ether	EPA 8270 B/N	<230	ug/Kg	MJS	11/05/98
1,3-Dichlorobenzene	EPA 8270 B/N	<230	ug/Kg	MJS	11/05/98
1,4-Dichlorobenzene	EPA 8270 B/N	<230	ug/Kg	MJS	11/05/98
1,2-Dichlorobenzene	EPA 8270 B/N	<230	ug/Kg	MJS	11/05/98
bis(2-Chloroisopropyl)ether	EPA 8270 B/N	<230	ug/Kg	MJS	11/05/98
N-Nitroso-di-n-propylamine	EPA 8270 B/N	<230	ug/Kg	MJS	11/05/98
Hexachloroethane	EPA 8270 B/N	<230	ug/Kg	MJS	11/05/98
Nitrobenzene	EPA 8270 B/N	<230	ug/Kg	MJS	11/05/98
Isophorone	EPA 8270 B/N	<230	ug/Kg	MJS	11/05/98
Bis-(2-Chloroethoxy)-methane	EPA 8270 B/N	<230	ug/Kg	MJS	11/05/98
1,2,4-Trichlorobenzene	EPA 8270 B/N	<230	ug/Kg	MJS	11/05/98
Naphthalene	EPA 8270 B/N	<230	ug/Kg	MJS	11/05/98
Hexachlorobutadiene	EPA 8270 B/N	<230	ug/Kg	MJS	11/05/98
Hexachlorocyclopentadiene	EPA 8270 B/N	<230	ug/Kg	MJS	11/05/98
2-Chloronaphthalene	EPA 8270 B/N	<450	ug/Kg	MJS	11/05/98
Dimethyl Phthalate	EPA 8270 B/N	<230	ug/Kg	MJS	11/05/98
Acenaphthylene	EPA 8270 B/N	<230	ug/Kg	MJS	11/05/98
Acenapthene	EPA 8270 B/N	<230	ug/Kg	MJS	11/05/98
2,6-Dinitrotoluene	EPA 8270 B/N	<230	ug/Kg	MJS	11/05/98
2,4-Dinitrotoluene	EPA 8270 B/N	<450	ug/Kg	MJS	11/05/98
Diethyl Phthalate	EPA 8270 B/N	<230	ug/Kg	MJS	11/05/98
4-Chlorophenyl Phenyl Ether	EPA 8270 B/N	<230	ug/Kg	MJS	11/05/98
Fluorene	EPA 8270 B/N	<230	ug/Kg	MJS	11/05/98
N-Nitrosodiphenylamine	EPA 8270 B/N	<230	ug/Kg	MJS	11/05/98
4-Bromophenyl Phenyl Ether	EPA 8270 B/N	<230	ug/Kg	MJS	11/05/98
Hexachlorobenzene	EPA 8270 B/N	<230	ug/Kg	MJS	11/05/98
Phenanthrene	EPA 8270 B/N	<230	ug/Kg	MJS	11/05/98
Anthracene	EPA 8270 B/N	<450	ug/Kg	MJS	11/05/98
Di-n-butylphthalate	EPA 8270 B/N	340	ug/Kg	MJS	11/05/98
Fluoranthene	EPA 8270 B/N	<230	ug/Kg	MJS	11/05/98
Pyrene	EPA 8270 B/N	<450	ug/Kg	MJS	11/05/98
Butyl Benzyl Phthalate	EPA 8270 B/N				

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15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

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ATC Associates, Inc.
104 East 25th Street
10th Floor
New York NY 10010

Task Number 9811-00004
Customer No. 040772
Project No. 2740
Purchase Order #
Report Date 11/13/98

Sampling Information

Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
013 AK 1-3 3'-4'			Sample Date 10/30/1998 Time: 9:27		
Matrix:			Collection Method: Grab		
Benzo(a)anthracene	EPA 8270 B/N	<230	ug/Kg	MJS	11/05/98
3,3'-Dichlorbenzidine	EPA 8270 B/N	<450	ug/Kg	MJS	11/05/98
Chrysene	EPA 8270 B/N	<230	ug/Kg	MJS	11/05/98
bis(2-Ethylhexyl)phthalate	EPA 8270 B/N	<450.	ug/Kg	MJS	11/05/98
Di-n-octyl phthalate	EPA 8270 B/N	<450	ug/Kg	MJS	11/05/98
Benzo(b)fluoranthene	EPA 8270 B/N	430	ug/Kg	MJS	11/05/98
Benzo(k)fluoranthene	EPA 8270 B/N	<230	ug/Kg	MJS	11/05/98
Benzo(a)pyrene	EPA 8270 B/N	<230	ug/Kg	MJS	11/05/98
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N	<230	ug/Kg	MJS	11/05/98
Dibenzo(a,h)Anthracene	EPA 8270 B/N	<230	ug/Kg	MJS	11/05/98
Benzo (g,h,i) perylene	EPA 8270 B/N	<230	ug/Kg	MJS	11/05/98
2-MethylNaphthalene	EPA 8270 B/N	<230	ug/Kg	MJS	11/05/98
3-Nitroaniline	EPA 8270 B/N	<1100	ug/Kg	MJS	11/05/98
Dibenzofuran	EPA 8270 B/N	<230	ug/Kg	MJS	11/05/98
1,2,4,5-Tetrachlorobenzene	EPA 8270 B/N	<230	ug/Kg	MJS	11/05/98
4-Nitroaniline	EPA 8270 B/N	<230	ug/Kg	MJS	11/05/98
4-Chloroaniline	EPA 8270 B/N	<230	ug/Kg	MJS	11/05/98
2-Nitroaniline	EPA 8270 B/N	<1100	ug/Kg	MJS	11/05/98
PCBs in Soil	EPA Method 8080			LAT	11/06/98
PCB-1016	EPA Method 8080	<0.7	ug/g	LAT	11/06/98
PCB-1221	EPA Method 8080	<0.7	ug/g	LAT	11/06/98
PCB-1232	EPA Method 8080	<0.7	ug/g	LAT	11/06/98
PCB-1242	EPA Method 8080	<0.7	ug/g	LAT	11/06/98
PCB-1248	EPA Method 8080	<0.7	ug/g	LAT	11/06/98
PCB-1254	EPA Method 8080	<0.7	ug/g	LAT	11/06/98
PCB-1260	EPA Method 8080	<0.7	ug/g	LAT	11/06/98
Extraction for 8270B/N Soil	EPA Method 8270 B/N	Complete		ACK	11/02/98
Percent Solids		75	%	MJW	11/02/98
8080 Ext. for PCBs in Soil	EPA Mehthod 8080	Complete		LIZ	11/03/98

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15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

ATC Associates, Inc.
104 East 25th Street
10th Floor
New York NY 10010

Task Number 9811-00004
Customer No. 040772
Project No. 2740
Purchase Order #
Report Date 11/13/98

Sampling Information

Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
014 AK 1-10 10'-11'			Sample Date 10/30/1998 Time: 9:45		
Matrix: Soil			Collection Method: Grab		
EPA 8260S				PNC	11/06/98
Chloromethane	EPA Method 8260	<19	ug/Kg	PNC	11/06/98
Vinyl Chloride	EPA Method 8260	<19	ug/Kg	PNC	11/06/98
Bromomethane	EPA Method 8260	<19	ug/Kg	PNC	11/06/98
Chloroethane	EPA Method 8260	<19	ug/Kg	PNC	11/06/98
Trichlorofluoromethane	EPA Method 8260	<19	ug/Kg	PNC	11/06/98
Acrolein	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
1,1-Dichloroethylene	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
Iodomethane	EPA Method 8260	120	ug/Kg	PNC	11/06/98
Acetone	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
Carbon Disulfide	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
Methylene Chloride	EPA Method 8260	<19	ug/Kg	PNC	11/06/98
Acrylonitrile	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
trans-1,2-Dichloroethene	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
2,2-Dichloropropane	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
1,1-Dichloroethane	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
Vinyl Acetate	EPA Method 8260	36	ug/Kg	PNC	11/06/98
2-Butanone-(MEK)	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
cis-1,2-Dichloroethylene	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
Chloroform	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
Bromochloromethane	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
1,1,1-Trichloroethane	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
Carbon Tetrachloride	EPA Method 8260	14	ug/Kg	PNC	11/06/98
Benzene	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
1,2-Dichloroethane	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
Trichloroethene	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
1,2-Dichloropropane	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
Bromodichloromethane	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
Dibromomethane	EPA Method 8260	<19	ug/Kg	PNC	11/06/98
4-Methyl-2-Pentanone (MIBK)	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
cis-1,3-Dichloropropene	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
Toluene	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
trans-1,3-Dichloropropene	EPA Method 8260	<9	ug/Kg	PNC	11/06/98

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SCILAB ALBANY, INC.
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P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

ATC Associates, Inc.
104 East 25th Street
10th Floor
New York NY 10010

Task Number 9811-00004
Customer No. 040772
Project No. 2740
Purchase Order #
Report Date 11/13/98

Sampling Information

Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
			Sample Date 10/30/1998 Time: 9:45		
014 AK 1-10 10'-11'			Collection Method: Grab		
Matrix:					
1,1,2-Trichloroethane	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
Tetrachloroethene	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
2-Hexanone	EPA Method 8260	<19	ug/Kg	PNC	11/06/98
Dibromochloromethane	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
1,2-Dibromoethane	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
Chlorobenzene	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
Ethylbenzene	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
1,3,5-Trimethylbenzene	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
1,1,1,2-Tetrachloroethane	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
Styrene	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
Bromoform	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
1,1,2,2-Tetrachloroethane	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
1,3-Dichlorobenzene	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
1,4-Dichlorobenzene	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
1,2-Dichlorobenzene	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
Total Xylenes	EPA Method 8260	<19	ug/Kg	PNC	11/06/98
1,2-Dibromo-3-Chloropropane	EPA Method 8260			MJS	11/05/98
EPA 8270BNS				MJS	11/05/98
bis(2-Chloroethyl)ether	EPA 8270 B/N	<310	ug/Kg	MJS	11/05/98
1,3-Dichlorobenzene	EPA 8270 B/N	<310	ug/Kg	MJS	11/05/98
1,4-Dichlorobenzene	EPA 8270 B/N	<310	ug/Kg	MJS	11/05/98
1,2-Dichlorobenzene	EPA 8270 B/N	<310	ug/Kg	MJS	11/05/98
bis(2-Chloroisopropyl)ether	EPA 8270 B/N	<310	ug/Kg	MJS	11/05/98
N-Nitroso-di-n-propylamine	EPA 8270 B/N	<310	ug/Kg	MJS	11/05/98
Hexachloroethane	EPA 8270 B/N	<310	ug/Kg	MJS	11/05/98
Nitrobenzene	EPA 8270 B/N	<310	ug/Kg	MJS	11/05/98
Isophorone	EPA 8270 B/N	<310	ug/Kg	MJS	11/05/98
Bis-(2-Chloroethoxy)-methane	EPA 8270 B/N	<310	ug/Kg	MJS	11/05/98
1,2,4-Trichlorobenzene	EPA 8270 B/N	750	ug/Kg	MJS	11/05/98
Naphthalene	EPA 8270 B/N	<310	ug/Kg	MJS	11/05/98
Hexachlorobutadiene	EPA 8270 B/N	<310	ug/Kg	MJS	11/05/98
Hexachlorocyclopentadiene	EPA 8270 B/N	<310	ug/Kg	MJS	11/05/98
2-Chloronaphthalene	EPA 8270 B/N	<310	ug/Kg	MJS	11/05/98

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15 Century Hill Drive
P.O. Box 787
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Tel: (518) 786-8100
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Task Number 9811-00004
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Report Date 11/13/98

Sampling Information

Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
			Sample Date 10/30/1998 Time: 9:45		
014 AK 1-10 10'-11'			Collection Method: Grab		
Matrix:					
Dimethyl Phthalate	EPA 8270 B/N	<620	ug/Kg	MJS	11/05/98
Acenaphthylene	EPA 8270 B/N	<310	ug/Kg	MJS	11/05/98
Acenapthene	EPA 8270 B/N	980	ug/Kg	MJS	11/05/98
2,6-Dinitrotoluene	EPA 8270 B/N	<310	ug/Kg	MJS	11/05/98
2,4-Dinitrotoluene	EPA 8270 B/N	<310	ug/Kg	MJS	11/05/98
Diethyl Phthalate	EPA 8270 B/N	<620	ug/Kg	MJS	11/05/98
4-Chlorophenyl Phenyl Ether	EPA 8270 B/N	<310	ug/Kg	MJS	11/05/98
Fluorene	EPA 8270 B/N	620	ug/Kg	MJS	11/05/98
N-Nitrosodiphenylamine	EPA 8270 B/N	<310	ug/Kg	MJS	11/05/98
4-Bromophenyl Phenyl Ether	EPA 8270 B/N	<310	ug/Kg	MJS	11/05/98
Hexachlorobenzene	EPA 8270 B/N	<310	ug/Kg	MJS	11/05/98
Phenanthrene	EPA 8270 B/N	2500	ug/Kg	MJS	11/05/98
Anthracene	EPA 8270 B/N	1100	ug/Kg	MJS	11/05/98
Di-n-butylphthalate	EPA 8270 B/N	<620	ug/Kg	MJS	11/05/98
Fluoranthene	EPA 8270 B/N	1400	ug/Kg	MJS	11/05/98
Pyrene	EPA 8270 B/N	2000	ug/Kg	MJS	11/05/98
Butyl Benzyl Phthalate	EPA 8270 B/N	<620	ug/Kg	MJS	11/05/98
Benzo(a)anthracene	EPA 8270 B/N	1200	ug/Kg	MJS	11/05/98
3,3'-Dichlorbenzidine	EPA 8270 B/N	<620	ug/Kg	MJS	11/05/98
Chrysene	EPA 8270 B/N	1100	ug/Kg	MJS	11/05/98
bis(2-Ethylhexyl)phthalate	EPA 8270 B/N	<620	ug/Kg	MJS	11/05/98
Di-n-octyl phthalate	EPA 8270 B/N	<620	ug/Kg	MJS	11/05/98
Benzo(b)fluoranthene	EPA 8270 B/N	950	ug/Kg	MJS	11/05/98
Benzo(k)fluoranthene	EPA 8270 B/N	370	ug/Kg	MJS	11/05/98
Benzo(a)pyrene	EPA 8270 B/N	1100	ug/Kg	MJS	11/05/98
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N	470	ug/Kg	MJS	11/05/98
Dibenzo(a,h)Anthracene	EPA 8270 B/N	<310	ug/Kg	MJS	11/05/98
Benzo (g,h,i) perylene	EPA 8270 B/N	690	ug/Kg	MJS	11/05/98
2-MethylNaphthalene	EPA 8270 B/N	490	ug/Kg	MJS	11/05/98
3-Nitroaniline	EPA 8270 B/N	<1600	ug/Kg	MJS	11/05/98
Dibenzofuran	EPA 8270 B/N	<310	ug/Kg	MJS	11/05/98
1,2,4,5-Tetrachlorobenzene	EPA 8270 B/N	<310	ug/Kg	MJS	11/05/98
4-Nitroaniline	EPA 8270 B/N	<1600	ug/Kg	MJS	11/05/98

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15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

SCILAB
FULL SERVICE ENVIRONMENTAL LABORATORIES

ATC Associates, Inc.
104 East 25th Street
10th Floor
New York NY 10010

Task Number 9811-00004
Customer No. 040772
Project No. 2740
Purchase Order #
Report Date 11/13/98

Sampling Information

Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
014 AK 1-10 10'-11'			Sample Date 10/30/1998 Time: 9:45		
Matrix:			Collection Method: Grab		
4-Chloroaniline	EPA 8270 B/N	<310	ug/Kg	MJS	11/05/98
2-Nitroaniline	EPA 8270 B/N	<1600	ug/Kg	MJS	11/05/98
PCBs in Soil	EPA Method 8080			LAT	11/06/98
PCB-1016	EPA Method 8080	<0.9	ug/g	LAT	11/06/98
PCB-1221	EPA Method 8080	<0.9	ug/g	LAT	11/06/98
PCB-1232	EPA Method 8080	<0.9	ug/g	LAT	11/06/98
PCB-1242	EPA Method 8080	<0.9	ug/g	LAT	11/06/98
PCB-1248	EPA Method 8080	<0.9	ug/g	LAT	11/06/98
PCB-1254	EPA Method 8080	<0.9	ug/g	LAT	11/06/98
PCB-1260	EPA Method 8080	<0.9	ug/g	LAT	11/06/98
Extraction for 8270B/N Soil	EPA Method 8270 B/N	Complete		ACK	11/02/98
Percent Solids		53.3	%	MJW	11/02/98
8080 Ext. for PCBs in Soil	EPA Mehthod 8080	Complete		LIZ	11/03/98
015 AK 2-5 5'-5.5'			Sample Date 10/30/1998 Time: 10:07		
Matrix: Soil			Collection Method: Grab		
EPA 8260S				PNC	11/06/98
Chloromethane	EPA Method 8260	<13	ug/Kg	PNC	11/06/98
Vinyl Chloride	EPA Method 8260	<13	ug/Kg	PNC	11/06/98
Bromomethane	EPA Method 8260	<13	ug/Kg	PNC	11/06/98
Chloroethane	EPA Method 8260	<13	ug/Kg	PNC	11/06/98
Trichlorofluoromethane	EPA Method 8260	<13	ug/Kg	PNC	11/06/98
Acrolein	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
1,1-Dichloroethylene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Iodomethane	EPA Method 8260	87	ug/Kg	PNC	11/06/98
Acetone	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Carbon Disulfide	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Methylene Chloride	EPA Method 8260	<13	ug/Kg	PNC	11/06/98
Acrylonitrile	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
trans-1,2-Dichloroethene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
2,2-Dichloropropane	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
1,1-Dichloroethane	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Vinyl Acetate	EPA Method 8260		ug/Kg	PNC	11/06/98

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15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

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Task Number 9811-00004
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Purchase Order #
Report Date 11/13/98

Sampling Information

Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
015 AK 2-5 5'-5.5'			Sample Date 10/30/1998 Time: 10:07		
Matrix:			Collection Method: Grab		
2-Butanone-(MEK)	EPA Method 8260	69	ug/Kg	PNC	11/06/98
cis-1,2-Dichloroethylene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Chloroform	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Bromochloromethane	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
1,1,1-Trichloroethane	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Carbon Tetrachloride	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Benzene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
1,2-Dichloroethane	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Trichloroethene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
1,2-Dichloropropane	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Bromodichloromethane	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Dibromomethane	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
4-Methyl-2-Pentanone (MIBK)	EPA Method 8260	<13	ug/Kg	PNC	11/06/98
cis-1,3-Dichloropropene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Toluene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
trans-1,3-Dichloropropene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
1,1,2-Trichloroethane	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Tetrachloroethene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
2-Hexanone	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Dibromochloromethane	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
1,2-Dibromoethane	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Chlorobenzene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Ethylbenzene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
1,3,5-Trimethylbenzene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
1,1,1,2-Tetrachloroethane	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Styrene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Bromoform	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
1,1,2,2-Tetrachloroethane	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
1,3-Dichlorobenzene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
1,4-Dichlorobenzene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
1,2-Dichlorobenzene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Total Xylenes	EPA Method 8260	22	ug/Kg	PNC	11/06/98
1,2-Dibromo-3-Chloropropane	EPA Method 8260	<13	ug/Kg	PNC	11/06/98

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SCILAB ALBANY, INC.
15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

ATC Associates, Inc.
104 East 25th Street
10th Floor
New York NY 10010

Task Number 9811-00004
Customer No. 040772
Project No. 2740
Purchase Order #
Report Date 11/13/98

Sampling Information

Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
			Sample Date 10/30/1998 Time: 10:07		
015 AK 2-5 5'-5.5'			Collection Method: Grab		
Matrix:				MJS	11/05/98
EPA 8270BNS				MJS	11/05/98
bis(2-Chloroethyl)ether	EPA 8270 B/N	<2200	ug/Kg	MJS	11/05/98
1,3-Dichlorobenzene	EPA 8270 B/N	<2200	ug/Kg	MJS	11/05/98
1,4-Dichlorobenzene	EPA 8270 B/N	<2200	ug/Kg	MJS	11/05/98
1,2-Dichlorobenzene	EPA 8270 B/N	<2200	ug/Kg	MJS	11/05/98
bis(2-Chloroisopropyl)ether	EPA 8270 B/N	<2200	ug/Kg	MJS	11/05/98
N-Nitroso-di-n-propylamine	EPA 8270 B/N	<2200	ug/Kg	MJS	11/05/98
Hexachloroethane	EPA 8270 B/N	<2200	ug/Kg	MJS	11/05/98
Nitrobenzene	EPA 8270 B/N	<2200	ug/Kg	MJS	11/05/98
Isophorone	EPA 8270 B/N	<2200	ug/Kg	MJS	11/05/98
Bis-(2-Chloroethoxy)-methane	EPA 8270 B/N	<2200	ug/Kg	MJS	11/05/98
1,2,4-Trichlorobenzene	EPA 8270 B/N	<2200	ug/Kg	MJS	11/05/98
Naphthalene	EPA 8270 B/N	<2200	ug/Kg	MJS	11/05/98
Hexachlorobutadiene	EPA 8270 B/N	<2200	ug/Kg	MJS	11/05/98
Hexachlorocyclopentadiene	EPA 8270 B/N	<2200	ug/Kg	MJS	11/05/98
2-Chloronaphthalene	EPA 8270 B/N	<2200	ug/Kg	MJS	11/05/98
Dimethyl Phthalate	EPA 8270 B/N	<4300	ug/Kg	MJS	11/05/98
Acenaphthylene	EPA 8270 B/N	<2200	ug/Kg	MJS	11/05/98
Acenapthene	EPA 8270 B/N	76000	ug/Kg	MJS	11/05/98
2,6-Dinitrotoluene	EPA 8270 B/N	<2200	ug/Kg	MJS	11/05/98
2,4-Dinitrotoluene	EPA 8270 B/N	<2200	ug/Kg	MJS	11/05/98
Diethyl Phthalate	EPA 8270 B/N	<4300	ug/Kg	MJS	11/05/98
4-Chlorophenyl Phenyl Ether	EPA 8270 B/N	<2200	ug/Kg	MJS	11/05/98
Fluorene	EPA 8270 B/N	8400	ug/Kg	MJS	11/05/98
N-Nitrosodiphenylamine	EPA 8270 B/N	<2200	ug/Kg	MJS	11/05/98
4-Bromophenyl Phenyl Ether	EPA 8270 B/N	<2200	ug/Kg	MJS	11/05/98
Hexachlorobenzene	EPA 8270 B/N	<2200	ug/Kg	MJS	11/05/98
Phenanthrene	EPA 8270 B/N	26000	ug/Kg	MJS	11/05/98
Anthracene	EPA 8270 B/N	9900	ug/Kg	MJS	11/05/98
Di-n-butylphthalate	EPA 8270 B/N	<4300	ug/Kg	MJS	11/05/98
Fluoranthene	EPA 8270 B/N	21000	ug/Kg	MJS	11/05/98
Pyrene	EPA 8270 B/N	20000	ug/Kg	MJS	11/05/98
Butyl Benzyl Phthalate	EPA 8270 B/N	<4300	ug/Kg	MJS	11/05/98

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SCILAB ALBANY, INC.
15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

ATC Associates, Inc.
104 East 25th Street
10th Floor
New York NY 10010

Task Number 9811-00004
Customer No. 040772
Project No. 2740
Purchase Order #
Report Date 11/13/98

Sampling Information

Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
Sample Date 10/30/1998 Time: 10:07					
015 AK 2-5 5'-5.5'			Collection Method: Grab		
Matrix:					
Benzo(a)anthracene	EPA 8270 B/N	14000	ug/Kg	MJS	11/05/98
3,3'-Dichlorbenzidine	EPA 8270 B/N	<4300	ug/Kg	MJS	11/05/98
Chrysene	EPA 8270 B/N	12000	ug/Kg	MJS	11/05/98
bis(2-Ethylhexyl)phthalate	EPA 8270 B/N	<4300	ug/Kg	MJS	11/05/98
Di-n-octyl phthalate	EPA 8270 B/N	<4300	ug/Kg	MJS	11/05/98
Benzo(b)fluoranthene	EPA 8270 B/N	13000	ug/Kg	MJS	11/05/98
Benzo(k)fluoranthene	EPA 8270 B/N	5000	ug/Kg	MJS	11/05/98
Benzo(a)pyrene	EPA 8270 B/N	11000	ug/Kg	MJS	11/05/98
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N	6200	ug/Kg	MJS	11/05/98
Dibenzo(a,h)Anthracene	EPA 8270 B/N	<2200	ug/Kg	MJS	11/05/98
Benzo (g,h,i) perylene	EPA 8270 B/N	<2200	ug/Kg	MJS	11/05/98
2-MethylNaphthalene	EPA 8270 B/N	22000	ug/Kg	MJS	11/05/98
3-Nitroaniline	EPA 8270 B/N	<11000	ug/Kg	MJS	11/05/98
Dibenzofuran	EPA 8270 B/N	5000	ug/Kg	MJS	11/05/98
1,2,4,5-Tetrachlorobenzene	EPA 8270 B/N	<2200	ug/Kg	MJS	11/05/98
4-Nitroaniline	EPA 8270 B/N	<11000	ug/Kg	MJS	11/05/98
4-Chloroaniline	EPA 8270 B/N	<2200	ug/Kg	MJS	11/05/98
2-Nitroaniline	EPA 8270 B/N	<11000	ug/Kg	MJS	11/05/98
Extraction for 8270B/N Soil	EPA Method 8270 B/N	Complete		ACK	11/02/98
Percent Solids		77.1	%	MJW	11/02/98
Sample Date 10/30/1998 Time: 10:30					
016 AK 3-2.5 2.5'-3.5'			Collection Method: Grab		
Matrix: Soil					
EPA 8260S				PNC	11/10/98
Chloromethane	EPA Method 8260	<1400	ug/Kg	PNC	11/10/98
Vinyl Chloride	EPA Method 8260	<1400	ug/Kg	PNC	11/10/98
Bromomethane	EPA Method 8260	<1400	ug/Kg	PNC	11/10/98
Chloroethane	EPA Method 8260	<1400	ug/Kg	PNC	11/10/98
Trichlorofluoromethane	EPA Method 8260	<1400	ug/Kg	PNC	11/10/98
Acrolein	EPA Method 8260	<720	ug/Kg	PNC	11/10/98
1,1-Dichloroethylene	EPA Method 8260	<720	ug/Kg	PNC	11/10/98
Iodomethane	EPA Method 8260	<1400	ug/Kg	PNC	11/10/98
Acetone					

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P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

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104 East 25th Street
10th Floor
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Task Number 9811-00004
Customer No. 040772
Project No. 2740
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Report Date 11/13/98

Sampling Information

Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
			Sample Date 10/30/1998 Time: 10:30		
016 AK 3-2.5 2.5'-3.5'			Collection Method: Grab		
Matrix:					
Carbon Disulfide	EPA Method 8260	<720	ug/Kg	PNC	11/10/98
Methylene Chloride	EPA Method 8260	<720	ug/Kg	PNC	11/10/98
Acrylonitrile	EPA Method 8260	<1400	ug/Kg	PNC	11/10/98
trans-1,2-Dichloroethene	EPA Method 8260	<720	ug/Kg	PNC	11/10/98
2,2-Dichloropropane	EPA Method 8260	<720	ug/Kg	PNC	11/10/98
1,1-Dichloroethane	EPA Method 8260	<720	ug/Kg	PNC	11/10/98
Vinyl Acetate	EPA Method 8260	<1400	ug/Kg	PNC	11/10/98
2-Butanone-(MEK)	EPA Method 8260	<1400	ug/Kg	PNC	11/10/98
cis-1,2-Dichloroethylene	EPA Method 8260	<720	ug/Kg	PNC	11/10/98
Chloroform	EPA Method 8260	<720	ug/Kg	PNC	11/10/98
Bromochloromethane	EPA Method 8260	<720	ug/Kg	PNC	11/10/98
1,1,1-Trichloroethane	EPA Method 8260	<720	ug/Kg	PNC	11/10/98
Carbon Tetrachloride	EPA Method 8260	<720	ug/Kg	PNC	11/10/98
Benzene	EPA Method 8260	1500	ug/Kg	PNC	11/10/98
1,2-Dichloroethane	EPA Method 8260	<720	ug/Kg	PNC	11/10/98
Trichloroethene	EPA Method 8260	<720	ug/Kg	PNC	11/10/98
1,2-Dichloropropane	EPA Method 8260	<720	ug/Kg	PNC	11/10/98
Bromodichloromethane	EPA Method 8260	<720	ug/Kg	PNC	11/10/98
Dibromomethane	EPA Method 8260	<720	ug/Kg	PNC	11/10/98
4-Methyl-2-Pentanone (MIBK)	EPA Method 8260	<1400	ug/Kg	PNC	11/10/98
cis-1,3-Dichloropropene	EPA Method 8260	<720	ug/Kg	PNC	11/10/98
Toluene	EPA Method 8260	<720	ug/Kg	PNC	11/10/98
trans-1,3-Dichloropropene	EPA Method 8260	<720	ug/Kg	PNC	11/10/98
1,1,2-Trichloroethane	EPA Method 8260	<720	ug/Kg	PNC	11/10/98
Tetrachloroethene	EPA Method 8260	<720	ug/Kg	PNC	11/10/98
2-Hexanone	EPA Method 8260	<1400	ug/Kg	PNC	11/10/98
Dibromochloromethane	EPA Method 8260	<720	ug/Kg	PNC	11/10/98
1,2-Dibromoethane	EPA Method 8260	<720	ug/Kg	PNC	11/10/98
Chlorobenzene	EPA Method 8260	<720	ug/Kg	PNC	11/10/98
Ethylbenzene	EPA Method 8260	<720	ug/Kg	PNC	11/10/98
1,3,5-Trimethylbenzene	EPA Method 8260	<720	ug/Kg	PNC	11/10/98
1,1,1,2-Tetrachloroethane	EPA Method 8260	<720	ug/Kg	PNC	11/10/98
Styrene	EPA Method 8260	<720	ug/Kg	PNC	11/10/98

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Sampling Information

Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
016 AK 3-2.5 2.5'-3.5'			Sample Date 10/30/1998 Time: 10:30		
			Collection Method: Grab		
Matrix:					
Bromoform	EPA Method 8260	<720	ug/Kg	PNC	11/10/98
1,1,2,2-Tetrachloroethane	EPA Method 8260	<720	ug/Kg	PNC	11/10/98
1,3-Dichlorobenzene	EPA Method 8260	<720	ug/Kg	PNC	11/10/98
1,4-Dichlorobenzene	EPA Method 8260	<720	ug/Kg	PNC	11/10/98
1,2-Dichlorobenzene	EPA Method 8260	<720	ug/Kg	PNC	11/10/98
Total Xylenes	EPA Method 8260	1100	ug/Kg	PNC	11/10/98
1,2-Dibromo-3-Chloropropane	EPA Method 8260	<1400	ug/Kg	PNC	11/10/98
STARS 8270 Soils	SW-846 Method 8270B			MJS	11/05/98
Naphthalene	EPA 8270 B/N	800	ug/Kg	MJS	11/05/98
Acenapthene	EPA 8270 B/N	<190	ug/Kg	MJS	11/05/98
Fluorene	EPA 8270 B/N	<190	ug/Kg	MJS	11/05/98
Phenanthrene	EPA 8270 B/N	520	ug/Kg	MJS	11/05/98
Anthracene	EPA 8270 B/N	<190	ug/Kg	MJS	11/05/98
Fluoranthene	EPA 8270 B/N	600	ug/Kg	MJS	11/05/98
Pyrene	EPA 8270 B/N	670	ug/Kg	MJS	11/05/98
Chrysene	EPA 8270 B/N	500	ug/Kg	MJS	11/05/98
Benzo(a)anthracene	EPA 8270 B/N	480	ug/Kg	MJS	11/05/98
Benzo(b)fluoranthene	EPA 8270 B/N	600	ug/Kg	MJS	11/05/98
Benzo(k)fluoranthene	EPA 8270 B/N	250	ug/Kg	MJS	11/05/98
Benzo(a)pyrene	EPA 8270 B/N	520	ug/Kg	MJS	11/05/98
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N	<190	ug/Kg	MJS	11/05/98
Dibenzo(a,h)Anthracene	EPA 8270 B/N	<190	ug/Kg	MJS	11/05/98
Benzo (g,h,i) perylene	EPA 8270 B/N	<90	ug/Kg	MJS	11/05/98
Extraction for 8270B/N Soil	EPA Method 8270 B/N	Complete		ACK	11/02/98
Percent Solids		86.3	%	MJW	11/02/98
017 AK 3-10 10'-11'			Sample Date 10/30/1998 Time: 10:48		
			Collection Method: Grab		
Matrix: Soil				PNC	11/06/98
EPA 8260S				PNC	11/06/98
Chloromethane	EPA Method 8260	<17	ug/Kg	PNC	11/06/98
Vinyl Chloride	EPA Method 8260	<17	ug/Kg	PNC	11/06/98
Bromomethane	EPA Method 8260	<17	ug/Kg	PNC	11/06/98
Chloroethane	EPA Method 8260	<17	ug/Kg	PNC	11/06/98

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SCILAB ALBANY, INC.
15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

ATC Associates, Inc.
104 East 25th Street
10th Floor
New York NY 10010

Task Number 9811-00004
Customer No. 040772
Project No. 2740
Purchase Order #
Report Date 11/13/98

Sampling Information

Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
017 AK 3-10 10'-11'			Sample Date 10/30/1998 Time: 10:48		
Matrix:			Collection Method: Grab		
Trichlorofluoromethane	EPA Method 8260	<17	ug/Kg	PNC	11/06/98
Acrolein	EPA Method 8260	<17	ug/Kg	PNC	11/06/98
1,1-Dichloroethylene	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
Iodomethane	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
Acetone	EPA Method 8260	180	ug/Kg	PNC	11/06/98
Carbon Disulfide	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
Methylene Chloride	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
Acrylonitrile	EPA Method 8260	<17	ug/Kg	PNC	11/06/98
trans-1,2-Dichloroethene	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
2,2-Dichloropropane	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
1,1-Dichloroethane	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
Vinyl Acetate	EPA Method 8260	<17	ug/Kg	PNC	11/06/98
2-Butanone-(MEK)	EPA Method 8260	55	ug/Kg	PNC	11/06/98
cis-1,2-Dichloroethylene	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
Chloroform	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
Bromochloromethane	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
1,1,1-Trichloroethane	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
Carbon Tetrachloride	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
Benzene	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
1,2-Dichloroethane	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
Trichloroethene	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
1,2-Dichloropropane	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
Bromodichloromethane	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
Dibromomethane	EPA Method 8260	<17	ug/Kg	PNC	11/06/98
4-Methyl-2-Pentanone (MIBK)	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
cis-1,3-Dichloropropene	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
Toluene	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
trans-1,3-Dichloropropene	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
1,1,2-Trichloroethane	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
Tetrachloroethene	EPA Method 8260	<17	ug/Kg	PNC	11/06/98
2-Hexanone	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
Dibromochloromethane	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
1,2-Dibromoethane					

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Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

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104 East 25th Street
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New York NY 10010

Task Number 9811-00004
Customer No. 040772
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Report Date 11/13/98

Sampling Information

Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
017 AK 3-10 10'-11'			Sample Date 10/30/1998 Time: 10:48		
Matrix:			Collection Method: Grab		
Chlorobenzene	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
Ethylbenzene	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
1,3,5-Trimethylbenzene	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
1,1,1,2-Tetrachloroethane	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
Styrene	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
Bromoform	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
1,1,2,2-Tetrachloroethane	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
1,3-Dichlorobenzene	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
1,4-Dichlorobenzene	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
1,2-Dichlorobenzene	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
Total Xylenes	EPA Method 8260	<9	ug/Kg	PNC	11/06/98
1,2-Dibromo-3-Chloropropane	EPA Method 8260	<17	ug/Kg	PNC	11/06/98
STARS 8270 Soils	SW-846 Method 8270B			MJS	11/05/98
Naphthalene	EPA 8270 B/N	370	ug/Kg	MJS	11/05/98
Acenapthene	EPA 8270 B/N	<280	ug/Kg	MJS	11/05/98
Fluorene	EPA 8270 B/N	<280	ug/Kg	MJS	11/05/98
Phenanthrene	EPA 8270 B/N	1100	ug/Kg	MJS	11/05/98
Anthracene	EPA 8270 B/N	450	ug/Kg	MJS	11/05/98
Fluoranthene	EPA 8270 B/N	800	ug/Kg	MJS	11/05/98
Pyrene	EPA 8270 B/N	1100	ug/Kg	MJS	11/05/98
Chrysene	EPA 8270 B/N	<280	ug/Kg	MJS	11/05/98
Benzo(a)anthracene	EPA 8270 B/N	<280	ug/Kg	MJS	11/05/98
Benzo(b)fluoranthene	EPA 8270 B/N	470	ug/Kg	MJS	11/05/98
Benzo(k)fluoranthene	EPA 8270 B/N	<280	ug/Kg	MJS	11/05/98
Benzo(a)pyrene	EPA 8270 B/N	<280	ug/Kg	MJS	11/05/98
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N	<280	ug/Kg	MJS	11/05/98
Dibenzo(a,h)Anthracene	EPA 8270 B/N	<280	ug/Kg	MJS	11/05/98
Benzo (g,h,i) perylene	EPA 8270 B/N	<280	ug/Kg	MJS	11/05/98
Extraction for 8270B/N Soil	EPA Method 8270 B/N	Complete		ACK	11/02/98
Percent Solids		58.6	%	MJW	11/02/98

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P.O. Box 787
Latham, NY 12110
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Fax: (518) 786-7700

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Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
			Sample Date 10/30/1998 Time: 11:50		
018 AK 4-7 7'-8'			Collection Method: Grab		
Matrix: Soil				PNC	11/10/98
EPA 8260S					
Chloromethane	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
Vinyl Chloride	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
Bromomethane	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
Chloroethane	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
Trichlorofluoromethane	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
Acrolein	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
1,1-Dichloroethylene	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
Iodomethane	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
Acetone	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
Carbon Disulfide	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
Methylene Chloride	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
Acrylonitrile	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
trans-1,2-Dichloroethene	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
2,2-Dichloropropane	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
1,1-Dichloroethane	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
Vinyl Acetate	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
2-Butanone-(MEK)	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
cis-1,2-Dichloroethylene	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
Chloroform	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
Bromochloromethane	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
1,1,1-Trichloroethane	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
Carbon Tetrachloride	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
Benzene	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
1,2-Dichloroethane	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
Trichloroethene	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
1,2-Dichloropropane	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
Bromodichloromethane	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
Dibromomethane	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
4-Methyl-2-Pentanone (MIBK)	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
cis-1,3-Dichloropropene	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
Toluene	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
trans-1,3-Dichloropropene	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98

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P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

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Task Number 9811-00004
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Sampling Information

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Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
018 AK 4-7 7'-8'			Sample Date 10/30/1998 Time: 11:50		
Matrix:			Collection Method: Grab		
1,1,2-Trichloroethane	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
Tetrachloroethene	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
2-Hexanone	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
Dibromochloromethane	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
1,2-Dibromoethane	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
Chlorobenzene	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
Ethylbenzene	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
1,3,5-Trimethylbenzene	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
1,1,1,2-Tetrachloroethane	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
Styrene	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
Bromoform	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
1,1,2,2-Tetrachloroethane	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
1,3-Dichlorobenzene	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
1,4-Dichlorobenzene	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
1,2-Dichlorobenzene	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
Total Xylenes	EPA Method 8260	<1500	ug/Kg	PNC	11/10/98
1,2-Dibromo-3-Chloropropane	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
EPA 8270BNS				BHB	11/06/98
bis(2-Chloroethyl)ether	EPA 8270 B/N	<980	ug/Kg	BHB	11/06/98
1,3-Dichlorobenzene	EPA 8270 B/N	<980	ug/Kg	BHB	11/06/98
1,4-Dichlorobenzene	EPA 8270 B/N	<980	ug/Kg	BHB	11/06/98
1,2-Dichlorobenzene	EPA 8270 B/N	<980	ug/Kg	BHB	11/06/98
bis(2-Chloroisopropyl)ether	EPA 8270 B/N	<980	ug/Kg	BHB	11/06/98
N-Nitroso-di-n-propylamine	EPA 8270 B/N	<980	ug/Kg	BHB	11/06/98
Hexachloroethane	EPA 8270 B/N	<980	ug/Kg	BHB	11/06/98
Nitrobenzene	EPA 8270 B/N	<980	ug/Kg	BHB	11/06/98
Isophorone	EPA 8270 B/N	<980	ug/Kg	BHB	11/06/98
Bis-(2-Chloroethoxy)-methane	EPA 8270 B/N	<980	ug/Kg	BHB	11/06/98
1,2,4-Trichlorobenzene	EPA 8270 B/N	<980	ug/Kg	BHB	11/06/98
Naphthalene	EPA 8270 B/N	<980	ug/Kg	BHB	11/06/98
Hexachlorobutadiene	EPA 8270 B/N	<980	ug/Kg	BHB	11/06/98
Hexachlorocyclopentadiene	EPA 8270 B/N	<980	ug/Kg	BHB	11/06/98
2-Chloronaphthalene	EPA 8270 B/N	<980	ug/Kg	BHB	11/06/98

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P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

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Task Number 9811-00004
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Report Date 11/13/98

Sampling Information

Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
018 AK 4-7 7'-8'			Sample Date 10/30/1998 Time: 11:50		
Matrix:			Collection Method: Grab		
Dimethyl Phthalate	EPA 8270 B/N	<2000	ug/Kg	BHB	11/06/98
Acenaphthylene	EPA 8270 B/N	<980	ug/Kg	BHB	11/06/98
Acenapthene	EPA 8270 B/N	<980	ug/Kg	BHB	11/06/98
2,6-Dinitrotoluene	EPA 8270 B/N	<980	ug/Kg	BHB	11/06/98
2,4-Dinitrotoluene	EPA 8270 B/N	<980	ug/Kg	BHB	11/06/98
Diethyl Phthalate	EPA 8270 B/N	<2000	ug/Kg	BHB	11/06/98
4-Chlorophenyl Phenyl Ether	EPA 8270 B/N	<980	ug/Kg	BHB	11/06/98
Fluorene	EPA 8270 B/N	<980	ug/Kg	BHB	11/06/98
N-Nitrosodiphenylamine	EPA 8270 B/N	<980	ug/Kg	BHB	11/06/98
4-Bromophenyl Phenyl Ether	EPA 8270 B/N	<980	ug/Kg	BHB	11/06/98
Hexachlorobenzene	EPA 8270 B/N	<980	ug/Kg	BHB	11/06/98
Phenanthrene	EPA 8270 B/N	<980	ug/Kg	BHB	11/06/98
Anthracene	EPA 8270 B/N	<980	ug/Kg	BHB	11/06/98
Di-n-butylphthalate	EPA 8270 B/N	<2000	ug/Kg	BHB	11/06/98
Fluoranthene	EPA 8270 B/N	<980	ug/Kg	BHB	11/06/98
Pyrene	EPA 8270 B/N	<980	ug/Kg	BHB	11/06/98
Butyl Benzyl Phthalate	EPA 8270 B/N	<2000	ug/Kg	BHB	11/06/98
Benzo(a)anthracene	EPA 8270 B/N	<980	ug/Kg	BHB	11/06/98
3,3'-Dichlorbenzidine	EPA 8270 B/N	<2000	ug/Kg	BHB	11/06/98
Chrysene	EPA 8270 B/N	<980	ug/Kg	BHB	11/06/98
bis(2-Ethylhexyl)phthalate	EPA 8270 B/N	<2000	ug/Kg	BHB	11/06/98
Di-n-octyl phthalate	EPA 8270 B/N	<2000	ug/Kg	BHB	11/06/98
Benzo(b)fluoranthene	EPA 8270 B/N	<980	ug/Kg	BHB	11/06/98
Benzo(k)fluoranthene	EPA 8270 B/N	<980	ug/Kg	BHB	11/06/98
Benzo(a)pyrene	EPA 8270 B/N	<980	ug/Kg	BHB	11/06/98
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N	<980	ug/Kg	BHB	11/06/98
Dibenzo(a,h)Anthracene	EPA 8270 B/N	<980	ug/Kg	BHB	11/06/98
Benzo (g,h,i) perylene	EPA 8270 B/N	<980	ug/Kg	BHB	11/06/98
2-MethylNaphthalene	EPA 8270 B/N	2700	ug/Kg	BHB	11/06/98
3-Nitroaniline	EPA 8270 B/N	<4900	ug/Kg	BHB	11/06/98
Dibenzofuran	EPA 8270 B/N	<980	ug/Kg	BHB	11/06/98
1,2,4,5-Tetrachlorobenzene	EPA 8270 B/N	<980	ug/Kg	BHB	11/06/98
4-Nitroaniline	EPA 8270 B/N	<4900	ug/Kg	BHB	11/06/98

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Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
018 AK 4-7 7'-8'			Sample Date 10/30/1998 Time: 11:50		
Matrix:			Collection Method: Grab		
4-Chloroaniline	EPA 8270 B/N	<980	ug/Kg	BHB	11/06/98
2-Nitroaniline	EPA 8270 B/N	<4900	ug/Kg	BHB	11/06/98
PCBs in Soil	EPA Method 8080			LAT	11/06/98
PCB-1016	EPA Method 8080	<0.6	ug/g	LAT	11/06/98
PCB-1221	EPA Method 8080	<0.6	ug/g	LAT	11/06/98
PCB-1232	EPA Method 8080	<0.6	ug/g	LAT	11/06/98
PCB-1242	EPA Method 8080	<0.6	ug/g	LAT	11/06/98
PCB-1248	EPA Method 8080	<0.6	ug/g	LAT	11/06/98
PCB-1254	EPA Method 8080	<0.6	ug/g	LAT	11/06/98
PCB-1260	EPA Method 8080	<0.6	ug/g	LAT	11/06/98
RCRA METALS S					
Arsenic, solid	ICP, SW-846 Method	2.6	mg/Kg	JMR	11/05/98
Barium, solid	ICP, SW-846 Method	81.3	mg/Kg	JMR	11/05/98
Cadmium, solid	ICP, SW-846 Method	1.0	mg/Kg	JMR	11/05/98
Chromium, solid	ICP, SW-846 Method	15.2	mg/Kg	JMR	11/05/98
Lead, solid	ICP, SW-846 Method	50.5	mg/Kg	JMR	11/05/98
Mercury, solid	SW-846 Method 7471	0.3	mg/Kg	JES	11/04/98
Selenium, solid	ICP, SW-846 Method	<8.7	mg/Kg	JMR	11/05/98
Silver, solid	ICP, SW-846 Method	<1.0	mg/Kg	JMR	11/05/98
Extraction for 8270B/N Soil	EPA Method 8270 B/N	Complete		ACK	11/02/98
Percent Solids		85.0	%	MJW	11/02/98
8080 Ext. for PCBs in Soil	EPA Mehthod 8080	Complete		LIZ	11/03/98
ICP/Flame Solid Digestion	EPA Method 3050	Complete		JES	11/02/98
Mercury Solid Prep		Complete		JES	10/30/98
Pql elevated due to matrix for 8270					
J19 AK 4-12 12'-13'			Sample Date 10/30/1998 Time: 12:10		
Matrix: Soil			Collection Method: Grab		
EPA 8260S				PNC	11/06/98
Chloromethane	EPA Method 8260	<12	ug/Kg	PNC	11/06/98
Vinyl Chloride	EPA Method 8260	<12	ug/Kg	PNC	11/06/98
Bromomethane	EPA Method 8260	<12	ug/Kg	PNC	11/06/98

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Sampling Information
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Sampled By: Schmidt
Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
019 AK 4-12 12'-13'			Sample Date 10/30/1998 Time: 12:10		
Matrix:			Collection Method: Grab		
Chloroethane	EPA Method 8260	<12	ug/Kg	PNC	11/06/98
Trichlorofluoromethane	EPA Method 8260	<12	ug/Kg	PNC	11/06/98
Acrolein	EPA Method 8260	<12	ug/Kg	PNC	11/06/98
1,1-Dichloroethylene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Iodomethane	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Acetone	EPA Method 8260	25	ug/Kg	PNC	11/06/98
Carbon Disulfide	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Methylene Chloride	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Acrylonitrile	EPA Method 8260	<12	ug/Kg	PNC	11/06/98
trans-1,2-Dichloroethene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
2,2-Dichloropropane	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
1,1-Dichloroethane	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Vinyl Acetate	EPA Method 8260	<12	ug/Kg	PNC	11/06/98
2-Butanone-(MEK)	EPA Method 8260	<12	ug/Kg	PNC	11/06/98
cis-1,2-Dichloroethylene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Chloroform	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Bromochloromethane	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
1,1,1-Trichloroethane	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Carbon Tetrachloride	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Benzene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
1,2-Dichloroethane	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Trichloroethene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
1,2-Dichloropropane	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Bromodichloromethane	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Dibromomethane	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
4-Methyl-2-Pentanone (MIBK)	EPA Method 8260	<12	ug/Kg	PNC	11/06/98
cis-1,3-Dichloropropene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Toluene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
trans-1,3-Dichloropropene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
1,1,2-Trichloroethane	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Tetrachloroethene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
2-Hexanone	EPA Method 8260	<12	ug/Kg	PNC	11/06/98
Dibromochloromethane	EPA Method 8260	<6	ug/Kg	PNC	11/06/98

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FULL SERVICE ENVIRONMENTAL LABORATORIES

SCILAB ALBANY, INC.
15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

ATC Associates, Inc.
104 East 25th Street
10th Floor
New York NY 10010

Task Number 9811-00004
Customer No. 040772
Project No. 2740
Purchase Order #
Report Date 11/13/98

Sampling Information

Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
019 AK 4-12 12'-13'			Sample Date 10/30/1998 Time: 12:10		
Matrix:			Collection Method: Grab		
1,2-Dibromoethane	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Chlorobenzene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Ethylbenzene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
1,3,5-Trimethylbenzene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
1,1,1,2-Tetrachloroethane	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Styrene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Bromoform	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
1,1,2,2-Tetrachloroethane	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
1,3-Dichlorobenzene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
1,4-Dichlorobenzene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
1,2-Dichlorobenzene	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
Total Xylenes	EPA Method 8260	<6	ug/Kg	PNC	11/06/98
1,2-Dibromo-3-Chloropropane	EPA Method 8260	<12	ug/Kg	PNC	11/06/98
STARS 8270 Soils	SW-846 Method 8270B			MJS	11/05/98
Naphthalene	EPA 8270 B/N	<200	ug/Kg	MJS	11/05/98
Acenapthene	EPA 8270 B/N	<200	ug/Kg	MJS	11/05/98
Fluorene	EPA 8270 B/N	<200	ug/Kg	MJS	11/05/98
Phenanthrene	EPA 8270 B/N	510	ug/Kg	MJS	11/05/98
Anthracene	EPA 8270 B/N	<200	ug/Kg	MJS	11/05/98
Fluoranthene	EPA 8270 B/N	710	ug/Kg	MJS	11/05/98
Pyrene	EPA 8270 B/N	660	ug/Kg	MJS	11/05/98
Chrysene	EPA 8270 B/N	380	ug/Kg	MJS	11/05/98
Benzo(a)anthracene	EPA 8270 B/N	420	ug/Kg	MJS	11/05/98
Benzo(b)fluoranthene	EPA 8270 B/N	360	ug/Kg	MJS	11/05/98
Benzo(k)fluoranthene	EPA 8270 B/N	<200	ug/Kg	MJS	11/05/98
Benzo(a)pyrene	EPA 8270 B/N	330	ug/Kg	MJS	11/05/98
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N	<200	ug/Kg	MJS	11/05/98
Dibenzo(a,h)Anthracene	EPA 8270 B/N	<200	ug/Kg	MJS	11/05/98
Benzo (g,h,i) perylene	EPA 8270 B/N	<200	ug/Kg	MJS	11/05/98
Extraction for 8270B/N Soil	EPA Method 8270 B/N	Complete		ACK	11/02/98
Percent Solids		83.0	%	MJW	11/02/98

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15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

ATC Associates, Inc.
104 East 25th Street
10th Floor
New York NY 10010

Task Number 9811-00004
Customer No. 040772
Project No. 2740
Purchase Order #
Report Date 11/13/98

Sampling Information

Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
020 AX 8-15 AIRX-8 15'-16'			Sample Date 10/30/1998 Time: 13:40		
Matrix: Soil			Collection Method: Grab		
EPA 8260S				PNC	11/10/98
Chloromethane	EPA Method 8260	<5700	ug/Kg	PNC	11/10/98
Vinyl Chloride	EPA Method 8260	<5700	ug/Kg	PNC	11/10/98
Bromomethane	EPA Method 8260	<5700	ug/Kg	PNC	11/10/98
Chloroethane	EPA Method 8260	<5700	ug/Kg	PNC	11/10/98
Trichlorofluoromethane	EPA Method 8260	<5700	ug/Kg	PNC	11/10/98
Acrolein	EPA Method 8260	<5700	ug/Kg	PNC	11/10/98
1,1-Dichloroethylene	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
Iodomethane	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
Acetone	EPA Method 8260	<5700	ug/Kg	PNC	11/10/98
Carbon Disulfide	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
Methylene Chloride	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
Acrylonitrile	EPA Method 8260	<5700	ug/Kg	PNC	11/10/98
trans-1,2-Dichloroethene	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
2,2-Dichloropropane	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
1,1-Dichloroethane	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
Vinyl Acetate	EPA Method 8260	<5700	ug/Kg	PNC	11/10/98
2-Butanone-(MEK)	EPA Method 8260	<5700	ug/Kg	PNC	11/10/98
cis-1,2-Dichloroethylene	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
Chloroform	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
Bromochloromethane	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
1,1,1-Trichloroethane	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
Carbon Tetrachloride	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
Benzene	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
1,2-Dichloroethane	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
Trichloroethene	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
1,2-Dichloropropane	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
Bromodichloromethane	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
Dibromomethane	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
4-Methyl-2-Pentanone (MIBK)	EPA Method 8260	<5700	ug/Kg	PNC	11/10/98
cis-1,3-Dichloropropene	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
Toluene	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
trans-1,3-Dichloropropene	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98

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SCILAB ALBANY, INC.
15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

ATC Associates, Inc.
104 East 25th Street
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New York NY 10010

Task Number 9811-00004
Customer No. 040772
Project No. 2740
Purchase Order #
Report Date 11/13/98

Sampling Information

Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
020 AX 8-15 AIRX-8 15'-16'			Sample Date 10/30/1998 Time: 13:40		
Matrix:			Collection Method: Grab		
1,1,2-Trichloroethane	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
Tetrachloroethene	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
2-Hexanone	EPA Method 8260	<5700	ug/Kg	PNC	11/10/98
Dibromochloromethane	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
1,2-Dibromoethane	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
Chlorobenzene	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
Ethylbenzene	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
1,3,5-Trimethylbenzene	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
1,1,1,2-Tetrachloroethane	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
Styrene	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
Bromoform	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
1,1,2,2-Tetrachloroethane	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
1,3-Dichlorobenzene	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
1,4-Dichlorobenzene	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
1,2-Dichlorobenzene	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
Total Xylenes	EPA Method 8260	<2900	ug/Kg	PNC	11/10/98
1,2-Dibromo-3-Chloropropane	EPA Method 8260	<5700	ug/Kg	PNC	11/10/98
RCRA METALS S					
Arsenic, solid	ICP, SW-846 Method	1.5	mg/Kg	JMR	11/05/98
Barium, solid	ICP, SW-846 Method	70.9	mg/Kg	JMR	11/05/98
Cadmium, solid	ICP, SW-846 Method	0.87	mg/Kg	JMR	11/05/98
Chromium, solid	ICP, SW-846 Method	13.9	mg/Kg	JMR	11/05/98
Lead, solid	ICP, SW-846 Method	59.5	mg/Kg	JMR	11/05/98
Mercury, solid	SW-846 Method 7471	0.2	mg/Kg	JES	11/04/98
Selenium, solid	ICP, SW-846 Method	<7.3	mg/Kg	JMR	11/05/98
Silver, solid	ICP, SW-846 Method	<1.1	mg/Kg	JMR	11/05/98
ICP/Flame Solid Digestion	EPA Method 3050	Complete		JES	11/02/98
Mercury Solid Prep		Complete		JES	11/04/98
Percent Solids		87.6	%	MJW	11/02/98

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SCILAB ALBANY, INC.
15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

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Task Number 9811-00004
Customer No. 040772
Project No. 2740
Purchase Order #
Report Date 11/13/98

Sampling Information

Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
021 AX 9-14.5 AIRX-9 14.5'-15.5'			Sample Date 10/30/1998 Time: 14:50 Collection Method: Grab		
Matrix: Soil				PNC	11/10/98
EPA 8260S				PNC	11/10/98
Chloromethane	EPA Method 8260	<5900	ug/Kg	PNC	11/10/98
Vinyl Chloride	EPA Method 8260	<5900	ug/Kg	PNC	11/10/98
Bromomethane	EPA Method 8260	<5900	ug/Kg	PNC	11/10/98
Chloroethane	EPA Method 8260	<5900	ug/Kg	PNC	11/10/98
Trichlorofluoromethane	EPA Method 8260	<5900	ug/Kg	PNC	11/10/98
Acrolein	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
1,1-Dichloroethylene	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
Iodomethane	EPA Method 8260	<5900	ug/Kg	PNC	11/10/98
Acetone	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
Carbon Disulfide	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
Methylene Chloride	EPA Method 8260	<5900	ug/Kg	PNC	11/10/98
Acrylonitrile	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
trans-1,2-Dichloroethene	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
2,2-Dichloropropane	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
1,1-Dichloroethane	EPA Method 8260	<5900	ug/Kg	PNC	11/10/98
Vinyl Acetate	EPA Method 8260	<5900	ug/Kg	PNC	11/10/98
2-Butanone-(MEK)	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
cis-1,2-Dichloroethylene	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
Chloroform	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
Bromochloromethane	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
1,1,1-Trichloroethane	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
Carbon Tetrachloride	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
Benzene	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
1,2-Dichloroethane	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
Trichloroethene	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
1,2-Dichloropropane	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
Bromodichloromethane	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
Dibromomethane	EPA Method 8260	<5900	ug/Kg	PNC	11/10/98
4-Methyl-2-Pentanone (MIBK)	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
cis-1,3-Dichloropropene	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
Toluene	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
trans-1,3-Dichloropropene					

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Task Number 9811-00004
Customer No. 040772
Project No. 2740
Purchase Order #
Report Date 11/13/98

Sampling Information

Project Location: W. 57th St., NY, NY
Sampled By: Schmidt

Date Received 10/31/98

Test Performed	Method	Results	Units	Tech	Analy. Date
021 AX 9-14.5 AIRX-9 14.5'-15.5'			Sample Date 10/30/1998 Time: 14:50		
Matrix:			Collection Method: Grab		
1,1,2-Trichloroethane	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
Tetrachloroethene	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
2-Hexanone	EPA Method 8260	<5900	ug/Kg	PNC	11/10/98
Dibromochloromethane	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
1,2-Dibromoethane	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
Chlorobenzene	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
Ethylbenzene	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
1,3,5-Trimethylbenzene	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
1,1,1,2-Tetrachloroethane	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
Styrene	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
Bromoform	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
1,1,2,2-Tetrachloroethane	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
1,3-Dichlorobenzene	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
1,4-Dichlorobenzene	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
1,2-Dichlorobenzene	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
Total Xylenes	EPA Method 8260	<3000	ug/Kg	PNC	11/10/98
1,2-Dibromo-3-Chloropropane	EPA Method 8260	<5900	ug/Kg	PNC	11/10/98
Percent Solids		84.3	%	MJW	11/02/98

Authorized for Release: _____
David O'Hehir, Laboratory Director

NYS ELAP:10358 MA DEP:NY052 CT DEP:PH-0551 NJ DEP:73581

SCILAB Albany, Inc.
Volatile Organics
Library Search
EPA Method 8260

CLIENT:
SAMPLED BY:

SCILAB TASK #: 9811-00004
SCILAB SAMPLE #: 9811-00004-10
DATE RECEIVED:
DATE RUN: 11/10/98
MATRIX: WATER

PEAK #	R.T.	TENTATIVELY IDENTIFIED COMPOUNDS	CAS#	EST. CONC.	UNITS
1	15.06	Unknown Alkane		110	mcg/L
2	20.03	Unknown Alkane		120	mcg/L
3	20.67	Unknown Substituted Cyclic Alkane		120	mcg/L
4	22.33	Cyclohexane Methyl-	108872	380	mcg/L
5	22.89	Unknown Alkane		92	mcg/L
6	24.27	Unknown Substituted Cyclic Alkane		110	mcg/L
7	25.42	Unknown Substituted Cyclic Alkane		47	mcg/L
8	26.41	Unknown Substituted Cyclic Alkane		75	mcg/L
9	34.83	1H-Indene, 2,3-dihydro	25373	760	mcg/L
10	35.43	Unknown Substituted Benzene		470	mcg/L
11	36.10	Unknown Alkane		360	mcg/L
12	38.11	Unknown Alkane		370	mcg/L

SCILAB Albany, Inc.
Semivolatile Organics
Tentatively Identified Compounds

CLIENT:
SAMPLED BY:

SCILAB TASK #: 9811-00004
SCILAB SAMPLE #: 9811-00004-10
DATE RECEIVED:
DATE RUN: 11/6/98
MATRIX: WATER

PEAK #	R.T.	TENTATIVELY IDENTIFIED COMPOUNDS	CAS#	EST. CONC.	UNITS
1	7.44	Cyclohexane-dimethyl (isomer of)		12	mcg/L
2	8.81	Unknown Alkane		12	mcg/L
3	8.88	Substituted Cuclohexane		13	mcg/L
4	8.99	Unknown Cyclohexane		16	mcg/L
5	9.55	Unknown		20	mcg/L
6	9.71	Unknown Alkane		19	mcg/L
7	10.1	Unknown Alkane		11	mcg/L
8	10.99	Substituted Benzene		41	mcg/L
9	11.13	Unknown Alkane		13	mcg/L
10	11.17	Unknown		11	mcg/L
11	11.66	Unknown		56	mcg/L
12	12.84	Substituted Benzene		18	mcg/L
13	13.33	Unknown		20	mcg/L
14	13.42	Substituted Benzene		58	mcg/L
15	13.57	Benzene-diethyl (isomer of)		23	mcg/L
16	13.75	Unknown		28	mcg/L
17	13.91	Unknown Alkane		14	mcg/L
18	14.31	Substituted Benzene		66	mcg/L
19	15.39	1H-Indene,2,3-dihydro-5methyl	874-35-1	14	mcg/L
20	15.56	1H-Indene-dihydro-methyl (isomer of)		21	mcg/L

SCILAB Albany, Inc.
Volatile Organics
Library Search
EPA Method 8260

CLIENT: ATC Associates, Inc.
SAMPLED BY:

SCILAB TASK #: 9811-00004
SCILAB SAMPLE #: 9811-00004-11
DATE RECEIVED:
DATE RUN: 11/4/98
MATRIX: WATER

PEAK #	R.T.	TENTATIVELY IDENTIFIED COMPOUNDS	CAS#	EST. CONC.	UNITS
1	20.77	Unknown Alkane		82	mcg/L
2	22.43	Unknown Cyclic Alkane		270	mcg/L
3	22.96	Unknown Alkane		45	mcg/L
4	24.37	Cyclohexane Methyl-		120	mcg/L
5	25.27	Unknown Substituted Cyclic Alkane		34	mcg/L
6	25.52	Unknown Substituted Cyclic Alkane		36	mcg/L
7	26.53	Unknown Substituted Cyclic Alkane		68	mcg/L
8	26.65	Cyclohexane Eethyl-	1678917	49	mcg/L
9	29.23	Unknown Substituted Cyclic Alkane		36	mcg/L
10	30.06	Unknown Alkane		26	mcg/L
11	34.91	1H-Indene, 2,3-dihydro	496117	250	mcg/L
12	35.50	Substituted Benzene		150	mcg/L

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CHAIN OF CUSTODY RECORD
LABORATORY SERVICES

Pg 3 of 3

TASK # 9811-0004

Client ATC - New York 212/353 8280
Client Contact Curt Schmidt (x332)
Project Location W 57th St & 12th Ave, New York, NY
Purchase Order

Sampler's Name Curt Schmidt (please print)
Contact
Turnaround Time Requested

LAB ID	Sample ID/Description	Date Sampled	Time A = a.m. P = p.m.	Sample Type: Matrix	Sample Type: COMP	Sample Type: GRAB	# of Containers	Preservative (list by # from list below)	Analysis Required
13	AK1-3 Boring AKSS-1 3-4'	10/30/98	927A	SOIL		X	1	9	BN (8270 Full) PCBs (8080 VO (8260 Full)
14	AK1-10 " AKSS-1 10-11'	"	945A	"		X	1		BN (8270 Full) PCBs (8080 VO (8260) Full
15	AK2-5 " AKSS-2 5-5.5'	"	1007A	"		X	1		BN (8270) Full VO (8260) Full
16	AK3-2.5 " AKSS-3 2.5-3.5	"	1030A	"		X	1		BN (8270 STARS) VO 8260
17	AK3-10 " AKSS-3 10-11	"	1048A	"		X	1		" " "
18	AK4-7 Boring AKSS-4 7-8'	"	1150A	"		X	1		BN (8270 STARS) PCBs VO (8260) RCRA 8 Metals
19	AK4-12 " AKSS-4 12-13'	"	1210P	"		X	1		VOCs 8260 BN (8270 STARS)
20	AK8-15 " AIRX-8 15-16'	"	1340P	"		X	1		VOC (8260) RCRA 8 Metals (7000 Series)
21	AK9-14.5 " AIRX 9 14.5-15.5	"	1450P	"		X	1		VOC (8260)

	Date/Time		Date/Time
Sampled by: (signature) Curt A. Schmidt	10/30/98 1700	Received by: (signature)	10/30/98
Relinquished by: (signature)		Received by: (signature)	1700
Relinquished by: (signature)		Received by: (signature)	
Dispatched by: (signature)		Received for Laboratory by:	10/31/98 1000

NOTES/COMMENTS/BILLING INFORMATION:

Preservatives

1. HCl
2. HNO_3
3. NaOH
4. NaS_2O_3
5. Zn Acet
6. Ascorbic
7. H_2SO_4
8. F (Filtered)
9. N (not preserved)
10. Other

Sample Condition

1. Samples intact?	Y N
2. Custody seals intact?	Y N
3. Preserved properly?	Y N
4. Ambient or chilled?	
5. C.O.C. received with samples?	Y N

Method of Shipment:

Date:

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LABORATORY SERVICES

TASK # 1811-0004

pg. 2 of 3

Client ATC - New York (212) 353-8280
Client Contact Curt Schmidt (x 332)
Project Location W. 57th St., NY, NY
Purchase Order

Sampler's Name Curt Schmidt
(please print)
Contact
Turnaround Time Requested 1 Week

LAB ID	Sample ID/Description	Date Sampled	Time A = a.m. P = p.m.	Sample Type: Matrix	Sample Type: COMP	Sample Type: GRAB	# of Containers	Preservative (list by # from list below)	Analysis Required
10	AX-GW-1	10/29/98	1009 A	Water		X	2	1	VO+15 (8260)
	" " -1	↓	↓	↓		X	1	4	BN. (625)
	" " -1					X	1	2	Pb
	" " -1					X	1	9	PCBs (608)
11	AX-GW-8	10/30/98	1415P	Water		X	2	1	VO+15 (8260)
	AX-GW-8	"	"	"		X	1	2	Pb
12	AX 7-15 Boring AX-7 15-16'	10/29/98	1530 P	SOIL		X	1	9	VOC ~~~~ (8260 Full

	Date/Time		Date/Time
Sampled by: (signature) Curt Schmidt	10/30/98 1700	Received by: (signature)	10/30/98
Relinquished by: (signature)		Received by: (signature)	1700
Relinquished by: (signature)		Received by: (signature)	
Dispatched by: (signature)		Received for Laboratory by:	10/31/98 1000

Preservatives
1. HCl
2. HNO_3
3. NaOH
4. NaS_2C_3
5. Zn Acet
6. Ascorbic
7. H_2SO_4
8. F (Filtered)
9. N (not preserved)
10. Other

Sample Condition
1. Samples intact? Y
2. Custody seals intact? Y
3. Preserved properly? Y
4. Ambient or chilled?
5. C.O.C. received with samples? Y

Method of Shipment:

Date:

NOTES/COMMENTS/BILLING INFORMATION:

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CHAIN OF CUSTODY RECORD
LABORATORY SERVICES

TASK # 9811-0004

Client ATC - New York 212/353 8280 Sampler's Name Curt Schmidt
Client Contact Curt Schmidt (x332) (please print)
Project Location W 57th St. & 612th Ave, New York, NY Contact
Purchase Order Turnaround Time Requested

LAB ID	Sample ID/Description	Date Sampled	Time A = a.m. P = p.m.	Sample Type: Matrix	Sample Type: COMP	Sample Type: GRAB	# of Containers	Preservative (list by # from list below)	Analysis Required
13	AK1-3 Boring AKSS-1 3-4'	10/30/98	927A	SOIL		X	1	9	BN (8270 Full) PCBs (VO (8260 Full)
14	AK1-10 " AKSS-1 10-11'	"	945A	"		X	1		BN (8270 Full) PCBs (8 VO (8260) Full
15	AK2-5 " AKSS-2 5-5.5'	"	007A	"		X	1		BN (8270) Full VO (8260) Full
16	AK3-2.5 " AKSS-3 2.5-3.5	"	1030A	"		X	1		BN (8270 STARS) VO 8260
17	AK3-10 " AKSS-3 10-11	"	1048A	"		X	1		" " " Full
18	AK4-7 Boring AKSS-4 7-8'	"	1150A	"		X	1		BN (8270 STARS) PCBs VO (8260) RCRA 8
19	AK4-12 " AKSS-4 12-13'	"	1210P	"		X	1		VOCs 8260 BN (8270
20	AK8-15 " AIRX-8 15-16'	"	1340P	"		X	1		VOCs (8260) RCRA 8 Met 12000 Series
21	AK9-14.5 " AIRX 9 14.5-15.5	"	1450P	"		X	1	↓	VOC (8260)

Sampled by: (signature) Curt A. Schmidt	Date/Time 10/30/98 1700	Received by: (signature)	Date/Time 10/30/98
Relinquished by: (signature)		Received by: (signature)	1700
Relinquished by: (signature)		Received by: (signature)	
Dispatched by: (signature)		Received for Laboratory by:	10/31/98 1000

NOTES/COMMENTS/BILLING INFORMATION:

Preservatives	
1. HCl	6. Ascorbic
2. HNO_3	7. H_2SO_4
3. NaOH	8. F (Filtered)
4. NaS_2O_3	9. N (not preserved)
5. Zn Acet	10. Other

Sample Condition	
1. Samples intact?	Y
2. Custody seals intact?	Y
3. Preserved properly?	Y
4. Ambient or chilled?	
5. C.O.C. received with samples?	Y

Method of Shipment:

Date:

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REVISED

ATC Associates, Inc.
104 East 25th Street
10th Floor
New York NY 10010
Curt Schmidt

Task Number: 9811-00033
Customer No.: 040772
Project No.: 2740
Purchase Order #:
Report Date: 11/13/98

Sampling Information

Project Location: W 57TH ST,NY NY
Sampled By: SCHMIDT

Date Received: 11/03/98

Test Performed	Method	Results	Units	Tech	Analy. Date
U01 AK5-7,AKSS-5 7-8'			Sample Date 11/02/1998 Time: 9:10		
Matrix: Soil			Collection Method: Grab		
EPA 8260S				PNC	11/05/98
Chloromethane	EPA Method 8260	<1500	ug/Kg	PNC	11/05/98
Vinyl Chloride	EPA Method 8260	<1500	ug/Kg	PNC	11/05/98
Bromomethane	EPA Method 8260	<1500	ug/Kg	PNC	11/05/98
Chloroethane	EPA Method 8260	<1500	ug/Kg	PNC	11/05/98
Trichlorofluoromethane	EPA Method 8260	<1500	ug/Kg	PNC	11/05/98
Acrolein	EPA Method 8260	<1500	ug/Kg	PNC	11/05/98
1,1-Dichloroethylene	EPA Method 8260	<730	ug/Kg	PNC	11/05/98
Iodomethane	EPA Method 8260	<730	ug/Kg	PNC	11/05/98
Acetone	EPA Method 8260	<1500	ug/Kg	PNC	11/05/98
Carbon Disulfide	EPA Method 8260	<730	ug/Kg	PNC	11/05/98
Methylene Chloride	EPA Method 8260	<730	ug/Kg	PNC	11/05/98
Acrylonitrile	EPA Method 8260	<1500	ug/Kg	PNC	11/05/98
trans-1,2-Dichloroethene	EPA Method 8260	<730	ug/Kg	PNC	11/05/98
2,2-Dichloropropane	EPA Method 8260	<730	ug/Kg	PNC	11/05/98
1,1-Dichloroethane	EPA Method 8260	<730	ug/Kg	PNC	11/05/98
Vinyl Acetate	EPA Method 8260	<1500	ug/Kg	PNC	11/05/98
2-Butanone-(MEK)	EPA Method 8260	<1500	ug/Kg	PNC	11/05/98
cis-1,2-Dichloroethylene	EPA Method 8260	<730	ug/Kg	PNC	11/05/98
Chloroform	EPA Method 8260	<730	ug/Kg	PNC	11/05/98
Bromochloromethane	EPA Method 8260	<730	ug/Kg	PNC	11/05/98
1,1,1-Trichloroethane	EPA Method 8260	<730	ug/Kg	PNC	11/05/98
Carbon Tetrachloride	EPA Method 8260	<730	ug/Kg	PNC	11/05/98
Benzene	EPA Method 8260	<730	ug/Kg	PNC	11/05/98
1,2-Dichloroethane	EPA Method 8260	<730	ug/Kg	PNC	11/05/98
Trichloroethene	EPA Method 8260	<730	ug/Kg	PNC	11/05/98
1,2-Dichloropropane	EPA Method 8260	<730	ug/Kg	PNC	11/05/98
Bromodichloromethane	EPA Method 8260	<730	ug/Kg	PNC	11/05/98
Dibromomethane	EPA Method 8260	<730	ug/Kg	PNC	11/05/98
4-Methyl-2-Pentanone (MIBK)	EPA Method 8260	<1500	ug/Kg	PNC	11/05/98
cis-1,3-Dichloropropene	EPA Method 8260	<730	ug/Kg	PNC	11/05/98
Toluene	EPA Method 8260	<730	ug/Kg	PNC	11/05/98
trans-1,3-Dichloropropene	EPA Method 8260	<730	ug/Kg	PNC	11/05/98

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ATC Associates, Inc.
104 East 25th Street
10th Floor
New York NY 10010
Curt Schmidt

Task Number 9811-00033
Customer No. 040772
Project No. 2740
Purchase Order #
Report Date 11/13/98

Sampling Information

Project Location: W 57TH ST,NY NY
Sampled By: SCHMIDT

Date Received 11/03/98

Test Performed	Method	Results	Units	Tech	Analy. Date
001 AK5-7,AKSS-5 7-8'			Sample Date 11/02/1998 Time: 9:10		
Matrix:			Collection Method: Grab		
1,1,2-Trichloroethane	EPA Method 8260	<730	ug/Kg	PNC	11/05/98
Tetrachloroethene	EPA Method 8260	<730	ug/Kg	PNC	11/05/98
2-Hexanone	EPA Method 8260	<1500	ug/Kg	PNC	11/05/98
Dibromochloromethane	EPA Method 8260	<730	ug/Kg	PNC	11/05/98
1,2-Dibromoethane	EPA Method 8260	<730	ug/Kg	PNC	11/05/98
Chlorobenzene	EPA Method 8260	<730	ug/Kg	PNC	11/05/98
Ethylbenzene	EPA Method 8260	<730	ug/Kg	PNC	11/05/98
1,3,5-Trimethylbenzene	EPA Method 8260	<730	ug/Kg	PNC	11/05/98
1,1,1,2-Tetrachloroethane	EPA Method 8260	<730	ug/Kg	PNC	11/05/98
Styrene	EPA Method 8260	<730	ug/Kg	PNC	11/05/98
Bromoform	EPA Method 8260	<730	ug/Kg	PNC	11/05/98
1,1,2,2-Tetrachloroethane	EPA Method 8260	<730	ug/Kg	PNC	11/05/98
1,3-Dichlorobenzene	EPA Method 8260	<730	ug/Kg	PNC	11/05/98
1,4-Dichlorobenzene	EPA Method 8260	<730	ug/Kg	PNC	11/05/98
1,2-Dichlorobenzene	EPA Method 8260	<730	ug/Kg	PNC	11/05/98
Total Xylenes	EPA Method 8260	<730	ug/Kg	PNC	11/05/98
1,2-Dibromo-3-Chloropropane	EPA Method 8260	<1500	ug/Kg	PNC	11/05/98
Lead, solid	ICP, SW-846 Method	19.4	mg/Kg	JMR	11/05/98
PCBs in Soil	EPA Method 8080			LAT	11/06/98
PCB-1016	EPA Method 8080	<0.6	ug/g	LAT	11/06/98
PCB-1221	EPA Method 8080	<0.6	ug/g	LAT	11/06/98
PCB-1232	EPA Method 8080	<0.6	ug/g	LAT	11/06/98
PCB-1242	EPA Method 8080	<0.6	ug/g	LAT	11/06/98
PCB-1248	EPA Method 8080	<0.6	ug/g	LAT	11/06/98
PCB-1254	EPA Method 8080	<0.6	ug/g	LAT	11/06/98
PCB-1260	EPA Method 8080	<0.6	ug/g	LAT	11/06/98
STARS 8270 Soils	SW-846 Method 8270B			BHB	11/06/98
Naphthalene	EPA 8270 B/N	<970	ug/Kg	BHB	11/06/98
Acenapthene	EPA 8270 B/N	<970	ug/Kg	BHB	11/06/98
Fluorene	EPA 8270 B/N	<970	ug/Kg	BHB	11/06/98
Phenanthrene	EPA 8270 B/N	<970	ug/Kg	BHB	11/06/98
Anthracene	EPA 8270 B/N	<970	ug/Kg	BHB	11/06/98
Fluoranthene	EPA 8270 B/N	<970	ug/Kg	BHB	11/06/98

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ATC Associates, Inc.
104 East 25th Street
10th Floor
New York NY 10010
Curt Schmidt

Task Number 9811-00033
Customer No. 040772
Project No. 2740
Purchase Order #
Report Date 11/13/98

Sampling Information

Project Location: W 57TH ST,NY NY
Sampled By: SCHMIDT

Date Received 11/03/98

Test Performed	Method	Results	Units	Tech	Analy. Date
U01 AK5-7,AKSS-5 7-8'			Sample Date 11/02/1998 Time: 9:10		
Matrix:			Collection Method: Grab		
Pyrene	EPA 8270 B/N	<970	ug/Kg	BHB	11/06/98
Chrysene	EPA 8270 B/N	<970	ug/Kg	BHB	11/06/98
Benzo(a)anthracene	EPA 8270 B/N	<970	ug/Kg	BHB	11/06/98
Benzo(b)fluoranthene	EPA 8270 B/N	<970	ug/Kg	BHB	11/06/98
Benzo(k)fluoranthene	EPA 8270 B/N	<970	ug/Kg	BHB	11/06/98
Benzo(a)pyrene	EPA 8270 B/N	<970	ug/Kg	BHB	11/06/98
Indeno (1,2,3-cd)Pyrene	EPA 8270 B/N	<970	ug/Kg	BHB	11/06/98
Dibenzo(a,h)Anthracene	EPA 8270 B/N	<970	ug/Kg	BHB	11/06/98
Benzo (g,h,i) perylene	EPA 8270 B/N	<970	ug/Kg	BHB	11/06/98
Percent Solids		85.6	%	LIZ	11/03/98
ICP/Flame Solid Digestion	EPA Method 3050	Complete		JES	11/04/98
8080 Ext. for PCBs in Soil	EPA Mehthod 8080	Complete		LIZ	11/03/98
Extraction for 8270B/N Soil	EPA Method 8270 B/N	Complete		LIZ	11/03/98
STARS 8021 Soils	SW-846 Method 8021			MAG	11/13/98
Methyl t-butyl ether	EPA Method 8021	<580	ug/Kg	MAG	11/13/98
Benzene	EPA Method 8021	<290	ug/Kg	MAG	11/13/98
Toluene	EPA Method 8021	<580	ug/Kg	MAG	11/13/98
Ethlybenzene	EPA Method 8021	<580	ug/Kg	MAG	11/13/98
m- & p-Xylenes	EPA Method 8021	<580	ug/Kg	MAG	11/13/98
O-Xylene	EPA Method 8021	2600	ug/Kg	MAG	11/13/98
Styrene	EPA Method 8021	<580	ug/Kg	MAG	11/13/98
Isopropylbenzene	EPA Method 8021	1600	ug/Kg	MAG	11/13/98
n-Propylbenzene	EPA Method 8021	6200	ug/Kg	MAG	11/13/98
1,3,5-Trimethlybenzene	EPA Method 8021	<580	ug/Kg	MAG	11/13/98
tert-Butylbenzene	EPA Method 8021	<580	ug/Kg	MAG	11/13/98
1,2,4-Trimethylbenzene	EPA Method 8021	1700	ug/Kg	MAG	11/13/98
sec-Butylbenzene	EPA Method 8021	4800	ug/Kg	MAG	11/13/98
p-Isopropyltoluene	EPA Method 8021	810	ug/Kg	MAG	11/13/98
n-Butylbenzene	EPA Method 8021	<580	ug/Kg	MAG	11/13/98
Naphthalene	EPA Method 8021	3000	ug/Kg	MAG	11/13/98
Total Xylenes	EPA Method 8021	2600	ug/Kg	MAG	11/13/98

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Fax: (518) 786-7700

ATC Associates, Inc.
104 East 25th Street
10th Floor
New York NY 10010
Curt Schmidt

Task Number 9811-00033
Customer No. 040772
Project No. 2740
Purchase Order #
Report Date 11/13/98

Sampling Information

Project Location: W 57TH ST,NY NY
Sampled By: SCHMIDT

Date Received 11/03/98

Test Performed	Method	Results	Units	Tech	Analy. Date
002 AK5-11,AKSS-5 11-12'			Sample Date 11/02/1998 Time: 9:27		
Matrix: Soil			Collection Method: Grab		
EPA 8260S				PNC	11/05/98
Chloromethane	EPA Method 8260	<13	ug/Kg	PNC	11/05/98
Vinyl Chloride	EPA Method 8260	<13	ug/Kg	PNC	11/05/98
Bromomethane	EPA Method 8260	<13	ug/Kg	PNC	11/05/98
Chloroethane	EPA Method 8260	<13	ug/Kg	PNC	11/05/98
Trichlorofluoromethane	EPA Method 8260	<13	ug/Kg	PNC	11/05/98
Acrolein	EPA Method 8260	<13	ug/Kg	PNC	11/05/98
1,1-Dichloroethylene	EPA Method 8260	<13	ug/Kg	PNC	11/05/98
Iodomethane	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
Acetone	EPA Method 8260	13	ug/Kg	PNC	11/05/98
Carbon Disulfide	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
Methylene Chloride	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
Acrylonitrile	EPA Method 8260	<13	ug/Kg	PNC	11/05/98
trans-1,2-Dichloroethene	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
2,2-Dichloropropane	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
1,1-Dichloroethane	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
Vinyl Acetate	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
2-Butanone-(MEK)	EPA Method 8260	<13	ug/Kg	PNC	11/05/98
cis-1,2-Dichloroethylene	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
Chloroform	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
Bromochloromethane	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
1,1,1-Trichloroethane	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
Carbon Tetrachloride	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
Benzene	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
1,2-Dichloroethane	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
Trichloroethene	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
1,2-Dichloropropane	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
Bromodichloromethane	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
Dibromomethane	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
4-Methyl-2-Pentanone (MIBK)	EPA Method 8260	<13	ug/Kg	PNC	11/05/98
cis-1,3-Dichloropropene	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
Toluene	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
trans-1,3-Dichloropropene	EPA Method 8260	<6	ug/Kg	PNC	11/05/98

----- Continued on Next Page -----

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Fax: (518) 786-7700

ATC Associates, Inc.
104 East 25th Street
10th Floor
New York NY 10010
Curt Schmidt

Task Number 9811-00033
Customer No. 040772
Project No. 2740
Purchase Order #
Report Date 11/13/98

Sampling Information

Project Location: W 57TH ST,NY NY
Sampled By: SCHMIDT

Date Received 11/03/98

Test Performed	Method	Results	Units	Tech	Analy. Date
002 AK5-11,AKSS-5 11-12'			Sample Date 11/02/1998 Time: 9:27		
Matrix:			Collection Method: Grab		
1,1,2-Trichloroethane	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
Tetrachloroethene	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
2-Hexanone	EPA Method 8260	<13	ug/Kg	PNC	11/05/98
Dibromochloromethane	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
1,2-Dibromoethane	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
Chlorobenzene	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
Ethylbenzene	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
1,3,5-Trimethylbenzene	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
1,1,1,2-Tetrachloroethane	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
Styrene	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
Bromoform	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
1,1,2,2-Tetrachloroethane	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
1,3-Dichlorobenzene	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
1,4-Dichlorobenzene	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
1,2-Dichlorobenzene	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
Total Xylenes	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
1,2-Dibromo-3-Chloropropane	EPA Method 8260	<10	ug/Kg	PNC	11/05/98
Percent Solids		78.6	%	LIZ	11/03/98
003 AK6-3.5,AKSS-6 3.5-4'			Sample Date 11/02/1998 Time: 10:38		
Matrix: Soil			Collection Method: Grab		
EPA 8260S				PNC	11/05/98
Chloromethane	EPA Method 8260	<2700	ug/Kg	PNC	11/05/98
Vinyl Chloride	EPA Method 8260	<2700	ug/Kg	PNC	11/05/98
Bromomethane	EPA Method 8260	<2700	ug/Kg	PNC	11/05/98
Chloroethane	EPA Method 8260	<2700	ug/Kg	PNC	11/05/98
Trichlorofluoromethane	EPA Method 8260	<2700	ug/Kg	PNC	11/05/98
Acrolein	EPA Method 8260	<2700	ug/Kg	PNC	11/05/98
1,1-Dichloroethylene	EPA Method 8260	<1300	ug/Kg	PNC	11/05/98
Iodomethane	EPA Method 8260	<1300	ug/Kg	PNC	11/05/98
Acetone	EPA Method 8260	<2700	ug/Kg	PNC	11/05/98
Carbon Disulfide	EPA Method 8260	<1300	ug/Kg	PNC	11/05/98
Methylene Chloride	EPA Method 8260	<1300	ug/Kg	PNC	11/05/98

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FULL SERVICE ENVIRONMENTAL LABORATORIES

SCILAB ALBANY, INC.
15 Century Hill Drive
P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

ATC Associates, Inc.
104 East 25th Street
10th Floor
New York NY 10010
Curt Schmidt

Task Number 9811-00033
Customer No. 040772
Project No. 2740
Purchase Order #
Report Date 11/13/98

Sampling Information

Project Location: W 57TH ST,NY NY
Sampled By: SCHMIDT

Date Received 11/03/98

Test Performed	Method	Results	Units	Tech	Analy. Date
003 AK6-3.5,AKSS-6 3.5-4'			Sample Date 11/02/1998 Time: 10:38		
Matrix:			Collection Method: Grab		
Acrylonitrile	EPA Method 8260	<2700	ug/Kg	PNC	11/05/98
trans-1,2-Dichloroethene	EPA Method 8260	<1300	ug/Kg	PNC	11/05/98
2,2-Dichloropropane	EPA Method 8260	<1300	ug/Kg	PNC	11/05/98
1,1-Dichloroethane	EPA Method 8260	<1300	ug/Kg	PNC	11/05/98
Vinyl Acetate	EPA Method 8260	<2700	ug/Kg	PNC	11/05/98
2-Butanone-(MEK)	EPA Method 8260	<2700	ug/Kg	PNC	11/05/98
cis-1,2-Dichloroethylene	EPA Method 8260	<1300	ug/Kg	PNC	11/05/98
Chloroform	EPA Method 8260	<1300	ug/Kg	PNC	11/05/98
Bromochloromethane	EPA Method 8260	<1300	ug/Kg	PNC	11/05/98
1,1,1-Trichloroethane	EPA Method 8260	<1300	ug/Kg	PNC	11/05/98
Carbon Tetrachloride	EPA Method 8260	<1300	ug/Kg	PNC	11/05/98
Benzene	EPA Method 8260	<1300	ug/Kg	PNC	11/05/98
1,2-Dichloroethane	EPA Method 8260	<1300	ug/Kg	PNC	11/05/98
Trichloroethene	EPA Method 8260	2100	ug/Kg	PNC	11/05/98
1,2-Dichloropropane	EPA Method 8260	<1300	ug/Kg	PNC	11/05/98
Bromodichloromethane	EPA Method 8260	<1300	ug/Kg	PNC	11/05/98
Dibromomethane	EPA Method 8260	<1300	ug/Kg	PNC	11/05/98
4-Methyl-2-Pentanone (MIBK)	EPA Method 8260	<2700	ug/Kg	PNC	11/05/98
cis-1,3-Dichloropropene	EPA Method 8260	<1300	ug/Kg	PNC	11/05/98
Toluene	EPA Method 8260	<1300	ug/Kg	PNC	11/05/98
trans-1,3-Dichloropropene	EPA Method 8260	<1300	ug/Kg	PNC	11/05/98
1,1,2-Trichloroethane	EPA Method 8260	<1300	ug/Kg	PNC	11/05/98
Tetrachloroethene	EPA Method 8260	<1300	ug/Kg	PNC	11/05/98
2-Hexanone	EPA Method 8260	<2700	ug/Kg	PNC	11/05/98
Dibromochloromethane	EPA Method 8260	<1300	ug/Kg	PNC	11/05/98
1,2-Dibromoethane	EPA Method 8260	<1300	ug/Kg	PNC	11/05/98
Chlorobenzene	EPA Method 8260	<1300	ug/Kg	PNC	11/05/98
Ethylbenzene	EPA Method 8260	<1300	ug/Kg	PNC	11/05/98
1,3,5-Trimethylbenzene	EPA Method 8260	<1300	ug/Kg	PNC	11/05/98
1,1,1,2-Tetrachloroethane	EPA Method 8260	<1300	ug/Kg	PNC	11/05/98
Styrene	EPA Method 8260	<1300	ug/Kg	PNC	11/05/98
Bromoform	EPA Method 8260	<1300	ug/Kg	PNC	11/05/98
1,1,2,2-Tetrachloroethane	EPA Method 8260	<1300	ug/Kg	PNC	11/05/98

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P.O. Box 787
Latham, NY 12110
Tel: (518) 786-8100
Fax: (518) 786-7700

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Curt Schmidt

Task Number 9811-00033
Customer No. 040772
Project No. 2740
Purchase Order #
Report Date 11/13/98

Sampling Information

Project Location: W 57TH ST,NY NY
Sampled By: SCHMIDT

Date Received 11/03/98

Test Performed	Method	Results	Units	Tech	Analy. Date
003 AK6-3.5,AKSS-6 3.5-4'			Sample Date 11/02/1998 Time: 10:38		
Matrix:			Collection Method: Grab		
1,3-Dichlorobenzene	EPA Method 8260	<1300	ug/Kg	PNC	11/05/98
1,4-Dichlorobenzene	EPA Method 8260	<1300	ug/Kg	PNC	11/05/98
1,2-Dichlorobenzene	EPA Method 8260	<1300	ug/Kg	PNC	11/05/98
Total Xylenes	EPA Method 8260	<1300	ug/Kg	PNC	11/05/98
1,2-Dibromo-3-Chloropropane	EPA Method 8260	<2700	ug/Kg	PNC	11/05/98
Percent Solids		93.6	%	LIZ	11/03/98
004 AK6-11,AKSS-6 11-11.5'			Sample Date 11/02/1998 Time: 10:58		
Matrix: Soil			Collection Method: Grab		
EPA 8260S				PNC	11/05/98
Chloromethane	EPA Method 8260	<12	ug/Kg	PNC	11/05/98
Vinyl Chloride	EPA Method 8260	<12	ug/Kg	PNC	11/05/98
Bromomethane	EPA Method 8260	<12	ug/Kg	PNC	11/05/98
Chloroethane	EPA Method 8260	<12	ug/Kg	PNC	11/05/98
Trichlorofluoromethane	EPA Method 8260	<12	ug/Kg	PNC	11/05/98
Acrolein	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
1,1-Dichloroethylene	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
Iodomethane	EPA Method 8260	65	ug/Kg	PNC	11/05/98
Acetone	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
Carbon Disulfide	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
Methylene Chloride	EPA Method 8260	<12	ug/Kg	PNC	11/05/98
Acrylonitrile	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
trans-1,2-Dichloroethene	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
2,2-Dichloropropane	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
1,1-Dichloroethane	EPA Method 8260	<12	ug/Kg	PNC	11/05/98
Vinyl Acetate	EPA Method 8260	16	ug/Kg	PNC	11/05/98
2-Butanone-(MEK)	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
cis-1,2-Dichloroethylene	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
Chloroform	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
Bromochloromethane	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
1,1,1-Trichloroethane	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
Carbon Tetrachloride	EPA Method 8260	<6	ug/Kg	PNC	11/05/98
Benzene	EPA Method 8260	<6	ug/Kg	PNC	11/05/98

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15 Century Hill Drive
P.O. Box 787
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Tel: (518) 786-8100
Fax: (518) 786-7700

FULL SERVICE ENVIRONMENTAL LA

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Task Number 9811-00033
Customer No. 040772
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Report Date 11/13/98

Project Locati Sampling Information
Sampled By: SCI ST,NY NY

Date Received 11/03/98

Test Performed		Results	Units	Tech	Analy. Date
004 AK6-11,AKSS-6 11-11.5'			Sample Date 11/02/1998 Time: 10:58		
Matrix:			Collection Method: Grab		
1,2-Dichloroethane		<6	ug/Kg	PNC	11/05/98
Trichloroethene	0	<6	ug/Kg	PNC	11/05/98
1,2-Dichloropropane	0	<6	ug/Kg	PNC	11/05/98
Bromodichloromethane	0	<6	ug/Kg	PNC	11/05/98
Dibromomethane	0	<6	ug/Kg	PNC	11/05/98
4-Methyl-2-Pentanone (MIBK)	0	<12	ug/Kg	PNC	11/05/98
cis-1,3-Dichloropropene	0	<6	ug/Kg	PNC	11/05/98
Toluene	0	<6	ug/Kg	PNC	11/05/98
trans-1,3-Dichloropropene	0	<6	ug/Kg	PNC	11/05/98
1,1,2-Trichloroethane	0	<6	ug/Kg	PNC	11/05/98
Tetrachloroethene	E0	<6	ug/Kg	PNC	11/05/98
2-Hexanone	E0	<6	ug/Kg	PNC	11/05/98
Dibromochloromethane	E0	<12	ug/Kg	PNC	11/05/98
1,2-Dibromoethane	E0	<6	ug/Kg	PNC	11/05/98
Chlorobenzene	E0	<6	ug/Kg	PNC	11/05/98
Ethylbenzene	EP0	<6	ug/Kg	PNC	11/05/98
1,3,5-Trimethylbenzene	EP0	<6	ug/Kg	PNC	11/05/98
1,1,1,2-Tetrachloroethane	EP0	<6	ug/Kg	PNC	11/05/98
Styrene	EPA0	<6	ug/Kg	PNC	11/05/98
Bromoform	EPA0	<6	ug/Kg	PNC	11/05/98
1,1,2,2-Tetrachloroethane	EPA0	<6	ug/Kg	PNC	11/05/98
1,3-Dichlorobenzene	EPA 0	<6	ug/Kg	PNC	11/05/98
1,4-Dichlorobenzene	EPA 0	<6	ug/Kg	PNC	11/05/98
1,2-Dichlorobenzene	EPA 0	<6	ug/Kg	PNC	11/05/98
Total Xylenes	EPA 0	<6	ug/Kg	PNC	11/05/98
1,2-Dibromo-3-Chloropropane	EPA 0	<12	ug/Kg	PNC	11/05/98
Percent Solids		82.3	%	LIZ	11/03/98
007 AK7-7,AKSS-7 7.7-8.0'			Sample Date 11/02/1998 Time: 11:42		
Matrix: Soil			Collection Method: Grab		
8260S				PNC	11/05/98
Bromomethane	EPA Me	8260 <1400	ug/Kg	PNC	11/05/98
Methylene Chloride	EPA Me	8260 <1400	ug/Kg	PNC	11/05/98

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