DeKalb County Parks and Recreation Department

Liane Levetan At Brook Run

Planimetric/Topographic Map

Approximate Park Boundary

Prepared By
DeKalb County
Geographic Information System Department
330 W. Ponce de Leon Ave., Suite 600
Decatur, GA 30030-2221
404-371-2257

Graphic Scale 1" = 100'

MATRIX ENGINEERING GROUP
Geotechnical, Environmental, and Construction Materials Consultants

February 5, 1998

Mr. Bob Evans
Dekalb County Purchasing – Roads and Drainage
4305-4307 Memorial Drive
Decatur, Georgia 30032

Subject: ***Environmental Study - Phase I and Limited Sampling and Testing***
Brook Run Facility, Dekalb County, Georgia
Matrix Engineering Group Project Number MEG 97141.6

Dear Mr. Evans:

Matrix Engineering Group has completed an Environmental Study, and a Limited Sampling and Testing program at the Brook Run facility. This work was performed per your verbal authorization on January 8, 1998 and in accordance with our proposal dated December 11, 1997. The Environmental Study included the following tasks:

- Environmental Study -Phase I.
- Limited soil and groundwater sampling and testing at two underground storage tank facilities.
- Limited Sampling and Testing of suspect Asbestos Contaminated Materials.
- Limited Sampling and Testing of suspect Lead presence in water and paints.

The objective of this work was to perform a preliminary assessment of the potential environmental risks associated with the presence of hazardous materials at the subject site. It is important to point out that due to the presence of 21 structures, the sampling program was preliminary in nature and covered only the accessible areas. It is intended to provide preliminary information of whether there are obvious hazardous materials present at the subject site and to enable us to provide meaningful recommendations for further investigation. Additional sampling and testing, if required, is addressed in the findings and recommendation at the end of each report.

Matrix Engineering Group appreciates the opportunity of working with you on this important project and looks forward to our continued association. If you have any questions concerning this report, please do not hesitate to contact us.

Very truly yours,

MATRIX ENGINEERING GROUP

Amin A. Tomeh, P.E.
Project Engineer

Sam Al-Yateem, P.E.
Chief Engineer

GEORGIA REGISTERED No. 19197 PROFESSIONAL ENGINEER OSAMA SAMIR AL-YATEEM

AT/SA/lt

3300 BUCKEYE ROAD, SUITE 525 ● ATLANTA, GEORGIA 30341
TEL. (770) 455-1780, FAX (770) 455-1769

EXECUTIVE SUMMARY

An Environmental Study was completed for the Brook Run facility located at 4770 North Peachtree Road, in Dunwoody, Dekalb County, Georgia. The objective of this study was to evaluate the potential environmental risks associated with the presence of hazardous materials at the subject site. The scope of work included a site reconnaissance, a record research of the available information at the government and regulatory agencies, and performing limited sampling and testing of suspect materials in order to determine the potential presence of petroleum products, lead, and asbestos. The Environmental Study is presented in four separate reports, and are summarized as follows:

REPORT NO. 1:
The State of Georgia owns the subject site. It is currently vacant, but has been used as a retardation center by the State for over 30 years. There are 21 structures on the site; the majority of which were constructed between 1966 and 1968. The remainder of the site is undeveloped and is lightly to heavily wooded. The site appears to have not been improved before 1964. The records revealed that there are five sites, within a one-mile radius, reported to possess, store, or handle materials that are regulated by the U.S. EPA and Georgia EPD. Based on a review of the available records and our evaluation, it is our opinion that the potential contamination to the subject site, from off-site sources, is unlikely. The Environmental Study – Phase I is presented in Report No. 1.

REPORT NO. 2:
Two underground storage tank (UST) facilities are located within the subject site. One facility has four UST's located at the power plant and were used to store diesel oil #2 for heating purposes. The other facility has two UST's located at the transportation building and were used to store gasoline. Limited soil and groundwater samples were collected and tested for petroleum products of TPH, PAH and BTEX. The test results showed that petroleum products were below the detection levels. The tanks were installed in 1968 and therefore, leaks of petroleum products are possible. Mr. Garry Jackson of the State indicated that the UST's are scheduled for removal by the State. Therefore, We strongly recommend that Dekalb County representatives monitor the removal of the UST's to ensure that it is performed in accordance with the Georgia EPD requirements. The findings and recommendations are provided in Report No. 2.

REPORT NO. 3:
Limited sampling and testing of asbestos-containing materials was performed in order to determine its potential presence. Samples were taken from accessible locations during our site visits. The test results revealed that asbestos was present in the ceiling and floor tiles, glue of the floor tiles at Building #15, and in the ceiling tiles at Building #16. Recommendations for further testing are provided in Report No. 3.

REPORT NO. 4:
Limited sampling and testing was performed to determine potential lead presence in drinking water and paints. Paint samples were collected from walls, windows, equipment, doors, and other surfaces. The test results showed that the water samples were free of lead. However, lead in the paint samples at several location was found to be above the action level of 0.5% by weight as regulated by EPA and OSHA. Recommendations for further testing are provided in Report No. 4.

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APPENDICES

1.0 INTRODUCTION

Matrix Engineering Group has completed a Phase I Environmental Study for the Brook Run Facility, owned by the State of Georgia and located at 4770 N. Peachtree Road, Dunwoody, Georgia. This work was verbally authorized by Mr. Bob Evans of Dekalb County, Department of Roads and Drainage, on January 8, 1998 and was performed in accordance with our annual contract with the Dekalb County Purchasing Department.

This report is divided into seven sections, and three appendices. The first five sections introduce the reader to the location of the site, the land use history, site features, and the findings of the environmental assessment. Section six is a conclusion statement regarding the likelihood of contamination at the subject site and provides recommendations for further study if required. Section 7 includes figures 1 to 8, which illustrate the site features and its characteristics. Appendices I, II, and III include a photographic log of the site, an Environmental Data Report, aerial photographs, and a zoning map, respectively.

2.0 SCOPE OF SERVICES

The Phase I Study is a non-invasive screening protocol designed to identify recognized environmental conditions in a particular property. The objective of the Phase I Study is to identify obvious, actual and potential environmental conditions. The purpose of the Phase I Study is not to establish the actual presence, degree or extent of contamination, if any, on site. The findings and opinions expressed within this study are relevant to the date of our site observations and may not represent the site at a substantially later date. Although this assessment has attempted to identify the potential for contamination of the subject property, potential sources of contamination may have escaped detection due to the inaccuracy of public records, and/or the presence of undetected and unreported environmental accidents.

The Phase I Study activities consists primarily of the site reconnaissance, interviews, records review, and report preparation. This report summarizes our Phase I Study efforts, outlines resources and field documentation from our record review, site reconnaissance, and interviews. The relevant documentation is presented in the Appendices and is referenced in the appropriate sections of this report.

3.0 SITE RECONNAISSANCE

3.1 Site Location and Description

The subject site is located in Land Lots 353 and 354, the 18th District, in Dekalb County, Georgia with a street address of 4770 North Peachtree Road, Dunwoody, Georgia. The site under investigation is approximately 99.6 acres with its northern periphery bound by Peeler Road, the eastern periphery by North Peachtree Road, and the southern periphery by Barclay Road, as well as other institutional and multi-family residential properties. The western periphery is bound by residential properties. Three lots with residential houses are located on the northwestern corner of the site are not part of the subject site. (Refer to Figure 1).

The site reconnaissance was performed by a drive-through of the site and walking the accessible areas in and around the existing buildings. The site can be characterized by relatively moderate slopes with existing structures intertwined with surrounding wooded areas. The site slopes downward from an approximate elevation of 1040 feet above Mean Sea Level (MSL) at the northern and eastern peripheries, to an approximate elevation of 950 feet MSL at the western portions of the site. There are 21 buildings currently occupying the site with roads and associated parking areas serving these buildings. The site location is shown in Figure 1. (See the Photographic Log in Appendix I).

The areas that have not been developed are lightly to heavily wooded and are covered with dense vegetation. Tennis courts as well as a pavilion structure are present on the site. A storm drain system collects surface run-off from the paved areas, and structures. However, surface drainage of the undeveloped areas appears to be running from the east to the west via several depressions diverting the run-off into small creeks and exiting the site on the western boundary. These creeks appear to be terminating into Nancy Creek located west of the Subject Site.

The County of Dekalb and Georgia Power are providing the sewer system and power services, respectively. The gas is being supplied by Atlanta Gas Company for most of the buildings with a back-up system consisting of three (18,000-gallon capacity) natural liquid phase tanks located on the property. (See Photograph 21)

There were no signs that the site has been used for dumping, or for storing hazardous waste or chemicals. There were small amounts of chemicals that were stored in the power supply building and the maintenance building. These materials consist of oil and paints for in-house maintenance use and they appear to have been contained and properly stored.

3.2 Properties Surrounding the Project Site

A drive around the site was made to identify the land use in the area. The properties surrounding the site consisted primarily of single family homes on the north, east, and west in addition to several churches. On the south side, the land use is a mixture of multi-family, office buildings (Dunwoody Office Park), institutional (Dekalb County Schools) and a hospital (Charter Hospital). There were no commercial gas stations or landfill within approximately ½ a mile of the subject site.

4.0 SITE HISTORY

4.1 Title Records and Interviews

In order to establish the land-use history of the site, a limited title records research and interviews were performed. Based on the title search at the Dekalb County Court House at the office of the County Clerk, as well as the County Tax Commissioner's Office, the State of Georgia purchased the property from Cousins Properties in 1964. Cousins Properties had purchased the site from Edward Engineering of Georgia in 1962 (see copies of the deed books in Appendix III).

Mr. Garry Jackson, of the State of Georgia was interviewed. Mr. Jackson served as the maintenance engineer on-site and was involved with the various construction renovation projects that had occurred in the past twenty-four years. He is also familiar with the overall operation on the property. Mr. Jackson stated the following:

- The State of Georgia constructed the majority of the existing structures (approximately 17 buildings) after it acquired the property. The construction was performed between 1966 and 1968. The remaining of the buildings were built in the mid-1980's.

- Major renovation work was performed between 1988 to 1993. The renovation included extensive abatement of Asbestos Contaminated Materials (ACM), replacement of roofs, ceiling tiles, floor tiles, mechanical rooms and other miscellaneous upgrades.

- The renovation did not include the hot and cold water distribution lines between the mechanical rooms, insulation materials in some hallways and other inaccessible areas, which did not need replacement at the time. There are no records of any ACM survey reports.

- Four (3000-gallon capacity) Underground Storage Tanks (UST) that contained diesel oil #2, are located just north of the Power Plant building (Building #18). These tanks are not being used and are believed to be empty. These tanks will be removed by the State within the next few weeks. Additionally, there are two 3000-gallon tanks located at the transportation building (Building #13); one tank is not used and is currently empty, and the other contains gasoline and is being used for the on-site maintenance vehicles. None of these tanks had any problems, such as spills and/or leaks in the past. No soil or groundwater contamination occurred nor reported by the maintenance staff.

- There are three (18000–gallon capacity) natural liquid phase above ground storage tanks that are currently being used by the facility. These tanks are currently full.

- Two transformers that contained Polychlorinated Piphynols (PCB) were removed and replaced in 1992-1993. The new transformers are owned by Georgia Power and do not contain any PCB.

- A lead base paint survey was never performed. Mr. Jackson indicated that to the best of his knowledge, lead base paint is not present on the site.

- Small amounts of chemicals are currently stored on-site in the maintenance building (Building #9) and the Power Plant (Building #18) for in-house maintenance use. These chemicals are properly stored in containers and are controlled. There are two emergency generators in the Cherry Tree Building (Building #1) that are powered by natural gas. One generator is located inside and the other is outside of the building.

- Disposal of solids and liquid wastes was handled by the County. No dumping of any waste occurred on the subject site. Furthermore, Mr. Jackson stated that, to the best of his knowledge, environmental related accidents never occurred on the subject site during its use by the State of Georgia.

4.2 Maps and Other Data

4.2.1 USGS Topographical Map:

- A review of USGS Topographical Maps was made. The maps indicate that the site topography gently slopes downwards from the northern and eastern portions of the site in a westerly direction, from approximately 1040 feet above Mean Sea Level (MSL), to approximately 950 feet above MSL. The site is identified on the USGS Map shown in Figure 2.

4.2.2 Flood Insurance Rate Map:

- Copies of the National Flood Insurance Rate Maps were obtained from the Georgia Department of Natural Resources. These maps were obtained to determine whether or not the subject property was located in or near a flood zone. Upon a review of the relevant maps, we found that the site contains the following zones.

- C Areas of minimum flooding: This zone occupies approximately 95 percent of the site.

- A-3 Areas of 100-year flood; base flood elevations and flood hazard factors have been determined: This area is located in the southwest portion of the site and occupies approximately 3 percent of the site.

- B Areas between 100-year and 500-year flood; or certain areas subject to 100-year flooding with average depths less than one foot. This area is located along the southern tip of Zone A-3, occupying less than one percent of the site.

- Figure 3 shows the Flood Insurance Rate Map - Community-Panel Number 130065 002F, dated December 5, 1989.

4.2.3 National Wetland Inventory Maps:

- Wetland maps prepared by the Department of the Interior—Fish and Wildlife Service (dated 1990), were reviewed. The maps show that there are no areas designated as wetlands present on the subject site.

- Figure 4 shows the National Wetlands Inventory Map.

4.2.4 Soil Survey of the Site:

The soil survey is a tool that developers use in the preliminary planning of the land use. It provides general information regarding the suitability of the property for urban and recreational usage, suitability of the soil as a source of daily cover for sanitary landfill, and the drainage features of the soil. The site contains the soil survey units of AkB, AmC, AuC, Ca, CeB, CuC, PfC, PfD, PuE, Ud, and WeE. These units are defined as follows:

AkB:Altavista fine sandy loam: deep, moderately well-drained, nearly level soil. It is occasionally flooded for brief periods during spring and early summer. This type of soil is only moderately suited for most recreational developments because of wetness and flooding.

AmC: Appling sandy loam: deep, well drained, gently sloping soil. This soil can be worked through a wide range of moisture contents and is moderately suited for urban and recreational uses due to slopes.

AuC: Appling-Urban land complex: deep, well-drained, very gently sloping soil. Well suited for urban and recreational uses. Erosion is a common problem during construction, but can be controlled with permanent ground cover and mulching.

Ca: Cartery silt loam, frequently flooded: poorly drained, poorly suited for recreational uses because of wetness and flooding. Flooding control and drainage would be required to overcome flooding and wetness.

CeB: Cecil sandy loam: deep, well-drained, very gently sloping soil. This type of soil is low in natural fertility and organic matter. It is well suited for most urban and recreational uses.

CuC: Cecil-Urban land complex: deep, well-drained, very gently sloping soil. Consists of Cecil soils and Urban land so closely related that they could not be seperated for mapping. Erosion can be a hazard, but can be controlled by permanent plant covers and mulching. Well suited for most urban and recreational uses.

PfC: Pacolet sandy loam (2 to 10 percent): deep, well-drained, very gently sloping soil. It is well suited for most urban and recreational uses.

PfD: Pacolet sandy loam (10 to 15 percent slopes): deep, well drained, sloping soil is on hillsides on upland. It is moderately suited for most urban and recreational uses because of slopes. It has limitations for septic tank absorption field. Erosion is a hazard on construction sites. Use for landfill daily cover is fair because of the subsoil clay content.

PuE: Pacolet-Urban land complex (15 to 20 percent slopes): deep, well drained, strongly sloping and steep soil is on hillside on upland areas. This soil is poorly suited for most urban and recreation uses because of slopes. However, this limitation can be overcome with the design and installation of structures.

Ud: Urban land: has been cut, filled, shaped, and smoothed. Most areas of this type of soil have been developed, but some areas are wooded or grassed. Erosion is a severe hazard during construction.

WeE: Wedowee sandy loam: deep, well drained, strongly sloping soil. It is poorly suited for most urban and recreation uses because of slope. Also, it is poor topsoil because of the slope and presence of a thin surface layer.

The soil survey map showing the locations of the above described soil units is provided in Figure 5.

4.2.5 Most Significant Ground-Water Recharge Area Map:

Ground-water recharge area maps compiled by the U.S. Department of the Interior—Geologic Survey and the U.S. Army Corps of Engineers (dated 1989) were reviewed. The maps divide the state of Georgia into three geologic provinces for identifying ground-water recharge areas. Dekalb County is identified to be in the PIEDMONT GEOLOGIC PROVINCE. This geologic region is underlain by crystalline rocks, with little or no porosity. However, the rocks in this region contain cracks and fractures along which water can move. The rocks themselves are overlain by a weathered zone called saprolite, which is relatively porous. Some areas within this geologic region contain thick soil/saprolite, which are classified as significant recharge areas. The maps indicated that there are no significant recharge areas in the vicinity of the subject site. However, the maps indicated the existence of two significant recharge areas; the first being northwest of the subject site, the second recharge area is located south of the site (refer to Figure 7).

4.2.6 Ground-Water Pollution Susceptibility Map:

The Georgia Pollution Susceptibility Map of Georgia was established by the Research Triangle Institute in 1986 as part of the EPA national survey of pesticide in Drinking water wells. A rating system called DRASTIC was devised in order to assess the pollution susceptibility of the groundwater in different areas. This system was based on the hydrological and physiological settings of the site (refer to Figure 8). DRASTIC was derived from several factors namely: Depth of groundwater (D), net Recharge (R), Aquifer media (A), Soil media (S), Topography (T), vadoze zone Impact (I), and hydraulic Conductivity (C). Each factor is incorporated into a relative rating scheme that uses a combination of weights and ratings to produce a numerical value called the DRASTIC index. The higher an area scores on the index, the more vulnerable or more susceptible the area is believed to be to groundwater pollution. The values range from a low of below 141 to greater than 181. Upon a review of the relevant maps, we found that the subject site is located in the lower susceptibility areas with a DRASTIC rating of lower than 141. This system is only intended for preliminary planning purposes, and does not address specific site conditions.

4.2.7 Aerial Photographs:

A review of the available aerial photographs at the Dekalb County Planning and Development was made in order to assess the past and present land use of the property. Photographic mapping for Dekalb County was made in 1977-1978 and 1995. The photographs show that the majority of the structures were constructed prior to these dates. The 1977 photograph revealed clearing of trees was made at the greenhouse, the horticulture, and the transportation buildings, but the actual construction was made after 1977. Furthermore, the photographs show that the areas surrounding the buildings was

heavily wooded prior to development of the site by the State. The site appears to have been undeveloped prior to 1964.

5.0 REGULATORY REVIEW

5.1 General Public Records

Property Tax Records: An attempt was made to secure accurate tax records from the Dekalb County Tax Assessor's Office. There were no tax records at the Dekalb County Planning and Development as well as the Tax Assessor's Office. We were informed that because the State of Georgia owned the property for over 30 years and it is exempt of tax payments, there would be no tax records on the subject property.

Zoning Map: The current property zoning as well as zoning of the properties surrounding the site were reviewed at the Dekalb County Office of Planning and Development. According the zoning map provided to us the subject site is zoned as single-family residential districts (R-85 and R-100). The surrounding properties to the north, west, and east are currently zoned residential; however, the site located southwest of the subject property is zoned multi-family residential districts (RM-100). Appendix III shows the zoning of the subject site and the surrounding properties.

5.2 Geologic and Hydrologic Setting of the Subject site

The subject site is located in the southern piedmont physiographical province of Georgia. The sediments were deeply buried and altered by high temperatures and pressures, and were then folded into complex rock structures. Residual soils encountered in the piedmont area are the product of in-situ chemical and physical weathering of the parent rocks.

Based on the topographical features at the site and surrounding areas, the surface drainage appears to be flowing from the east to the west via creeks terminating into Nancy Creek. There are no observation water wells on-site to determine the groundwater flow, however, we believe that the subsurface water drainage is also flowing into the westerly and southwesterly direction.

5.3 Radon

Dekalb County has been identified as a Potential Zone I - High by the Georgia Radon Program of Georgia Department of Natural Resources. A Potential Zone I classification indicates that soils, rock, and/or water have the potential to emit radon greater than 4 pCi/L. According to Mr. Richard Shriber of the Environmental Health Department, radon greater than the 4 pCi/L level warrants that construction processes be in compliance with the EPA's Radon Prevention in the Design and Construction Guidelines. Figure 6 shows EPA's Map of Radon Zones for the state of Georgia, prepared in September 1993.

5.4 Landfills

The record research indicates no presence of any operating Landfills within the ¼, ½, and the 1 mile radii from the subject site.

5.5 Regulatory Compliance Records

The database report was provided by Environmental Data Management, Inc. 12360 66th Street North, Largo, Florida. The database was searched in accordance with ASTM Standards. The following list of records were researched in accordance with "Approximate Minimum Search":

1. National Priority List (NPL);
2. Comprehensive Environmental Response Compensation and Liability Information System List (CERCLIS);
3. RCRA TSD Facilities List;
4. RCRA Generators List;
5. Emergency Response Notification System (ERNS);
6. Underground Storage Tanks (UST);
7. Leaking Underground Storage Tanks (LUST); and
8. Solid Waste Facilities List.
9. Underground Storage Tank List (TANKS)

The record search revealed that there are five (5) sites that are reported to be regulated by State and Federal Environmental Protection Agencies. The locations of these sites are within ¼, ½, and 1-mile radii from the subject site, as shown on the Figure provided in Appendix II. Two of the sites are located within the Brook Run Facility. The Brook Run Facility was reported to have six underground storage tanks by the Underground Storage Tanks List that is maintained by the State of Georgia Department of Natural Resources. This information confirms our findings during the interviews made and the site reconnaissance. Furthermore, the Brook Run Facility was reported by the U.S. Environmental Protection Agency (TSCA- US-EPA program) to have pesticides and toxic substance. The appearance of a site on this list does not indicate environmental problems on the site, but rather that the site conducts operations that may have a potential to cause environmental degradation, if hazardous compounds are released in an uncontrolled manner.

Three sites within 1-mile radius were identified in our search. The sites and their current status are as follows:

1. Dekalb County Fire Station #18, 4588 Barclay, Chamblee, GA 30341: The site was reported under the Leaking Underground Storage Tank Notifiers List (LUST) by the State of Georgia Department of Natural Resources, Environmental Protection Division(EPD), Underground Storage Management Program. Mr. Rick Amos of the Dekalb County Fire Department was contacted to check on the status of the leaking underground storage tanks. Mr. Amos indicated that the County has removed the leaking tanks, removed any contaminated soils and were properly disposed off. He also stated that soil and groundwater sampling and testing was performed in accordance with the GA EPD and that there were no contamination found. He also stated that the GA EPD sent a written notification to the Fire Department stating that there were no further actions required at this time.

2. Shallowford Community Hospital, 4575 North Shallowford Road, Atlanta, Georgia: The site was reported under the LUST Notifiers List as in item 1 above. The GA EPD was contacted to check on the status of the tanks. Mr. Shaheer Muhana of the GA EPD indicated that there were two releases had occurred at the site. The first release was properly re-mediated and the Georgia EPD required no further actions. The second release required a Corrective Action Plan to meet the Georgia EPD requirements as of March 31, 1997. No corrective action plans have been performed up to this date. Based on the topographical and hydrological features of this facility and its vicinity, groundwater contamination, if occurred, would not affect the subject site, since the subject site is up-gradient to this facility and contaminants would flow into Nancy Creek in a southwesterly direction and away from the subject site.

3. Touch of Class Cleaners at 1400 Dunwoody Park, Dunwoody, Georgia 30338: This facility was reported under the Treatment, Storage and/or Disposal (TSD) Facilities List (RCRA TSD'S) by EPA RCRIS and GDNR Notofiers Lists. The Notifiers information revealed that the facility is a small quantity (100-1000 Kg/Month) generator/recycler. The Georgia DNR records were reviewed at the Hazardous Waste Department in order to assess the facility's current status. Based upon our review, we found that the facility used to dump Perchloroethylene behind their building. The Georgia DNR cited the owner on March 21, 1991 with a violation and required him to cleanup the site. The owner complied with the requirement and performed the necessary cleanup and testing to ensure that the site has been cleaned. The Georgia DNR issued a letter on April 17, 1997 stating that there were no violations of the DNR rules found.

6.0 CONCLUSIONS AND RECOMMENDATIONS

The site reconnaissance, records search and audits of the County, State, and Federal records, and the interviews that were performed on-site revealed that the potential environmental risks of on-site contamination is unlikely. This opinion was supported by the fact that even though there were several regulated substances on-site, there were no violations found in our record search and no signs of environmental degradation occurred that have resulted from the normal use of the facility.

Furthermore, based on our review of the Georgia EPD and DNR records, and our engineering evaluation of the sites that were identified with the 1-mile radius (as discussed in Section 5.5), we believe that groundwater contamination at the subject site is unlikely.

Due to the presence of several buildings that were constructed prior to 1978, and the presence of underground storage tanks at two facilities, potential environmental risks associated with these items do exist. The risks include the presence of unreported (or unknown) leaking underground storage tanks, presence of Asbestos Contaminated Materials (ACM) that was not removed during the renovation and abatement programs, and the presence of lead in water supply and paints.

Therefore, a limited sampling and testing was performed in conjunction with the Phase I Environmental Study. The sampling and testing program was performed on the suspect ACM, Lead in water and paints, and soil and groundwater sampling and testing at the underground storage tank facilities. The sampling and testing was performed in order to obtain preliminary information as to

whether obvious hazardous materials are present on the subject site that are subject to government regulation, especially, the buildings that are to be demolished.

Non destructive sampling was performed during our site visits on suspect contaminated materials that are accessible. Hidden materials inside walls, high ceilings and roofs, insulation behind walls and above ceilings, underground piping, and structural steel...etc., were not sampled and are not within the scope of this study. The findings of the testing program were used to provide appropriate recommendations that would meet the various agencies that regulates these hazardous materials.

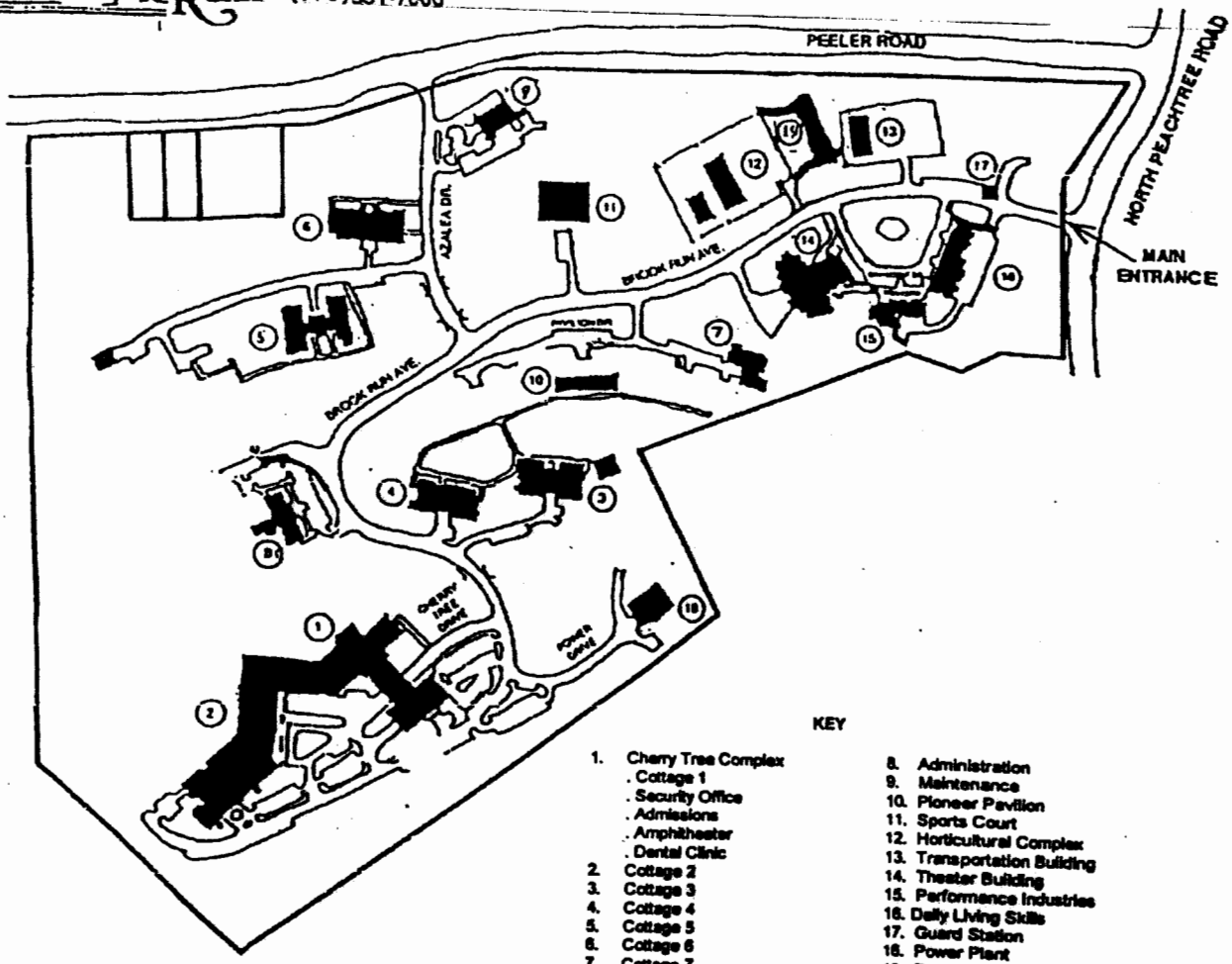
The findings of the sampling and testing, as well as recommendations for further testing, if required, are presented in the separate reports included herein.

7.0 FIGURES

The following pages contain the project site relevant Figures.

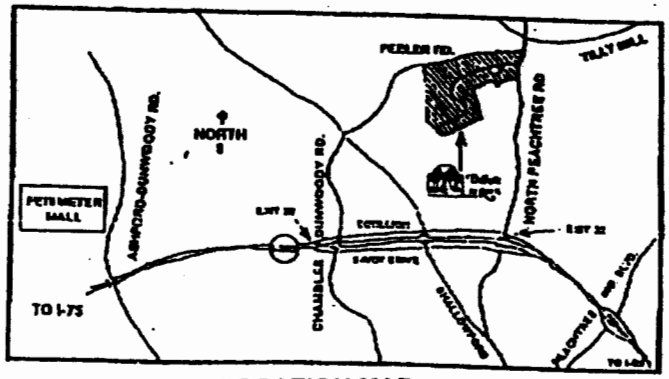
Brook Run

4770 North Peachtree Road
Dunwoody, Georgia 30338-5813
(770)551-7000



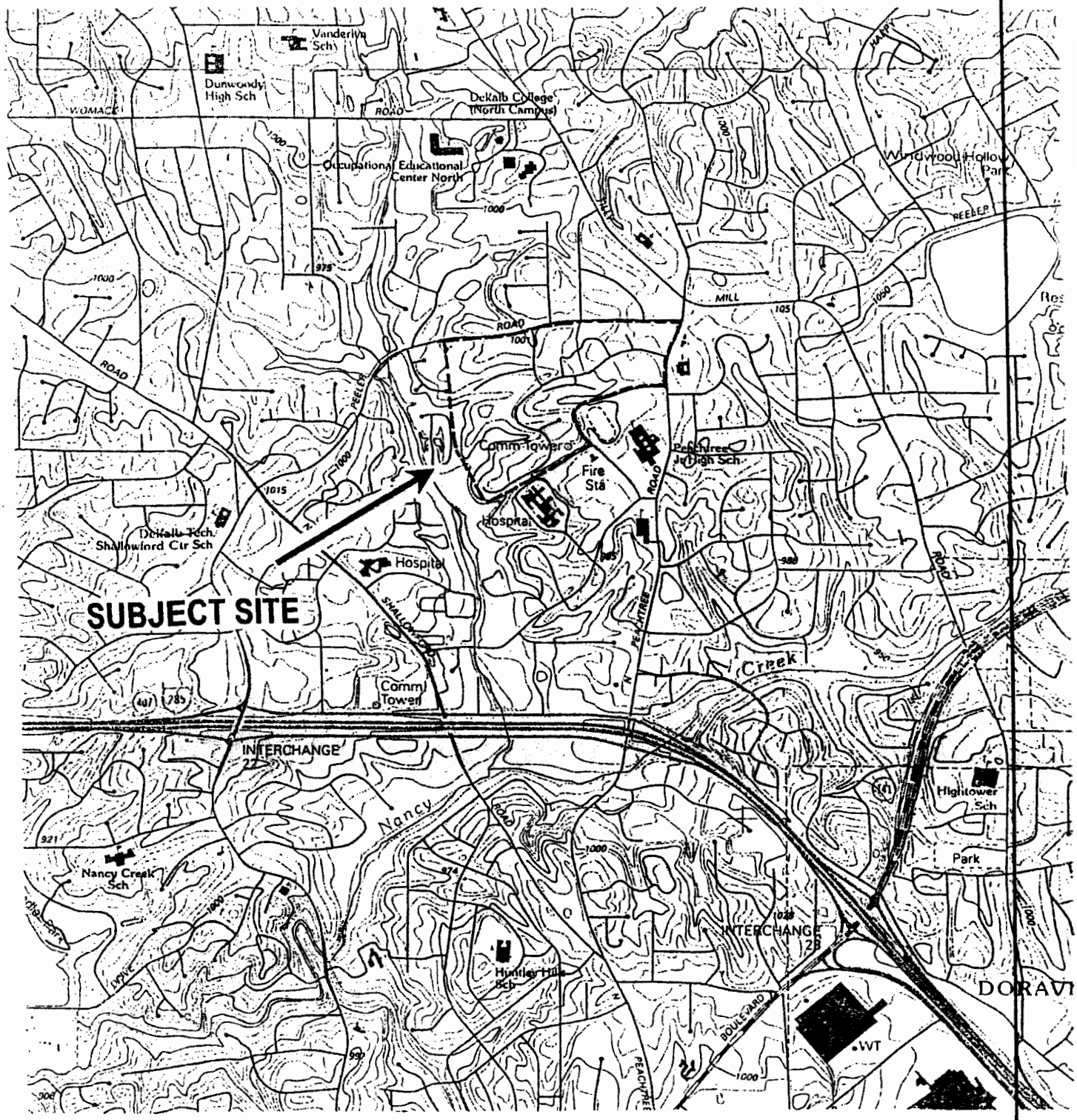
KEY

1. Cherry Tree Complex
   . Cottage 1
   . Security Office
   . Admissions
   . Amphitheater
   . Dental Clinic
2. Cottage 2
3. Cottage 3
4. Cottage 4
5. Cottage 5
6. Cottage 6
7. Cottage 7
8. Administration
9. Maintenance
10. Pioneer Pavilion
11. Sports Court
12. Horticultural Complex
13. Transportation Building
14. Theater Building
15. Performance Industries
16. Daily Living Skills
17. Guard Station
18. Power Plant
19. Repeat Performance

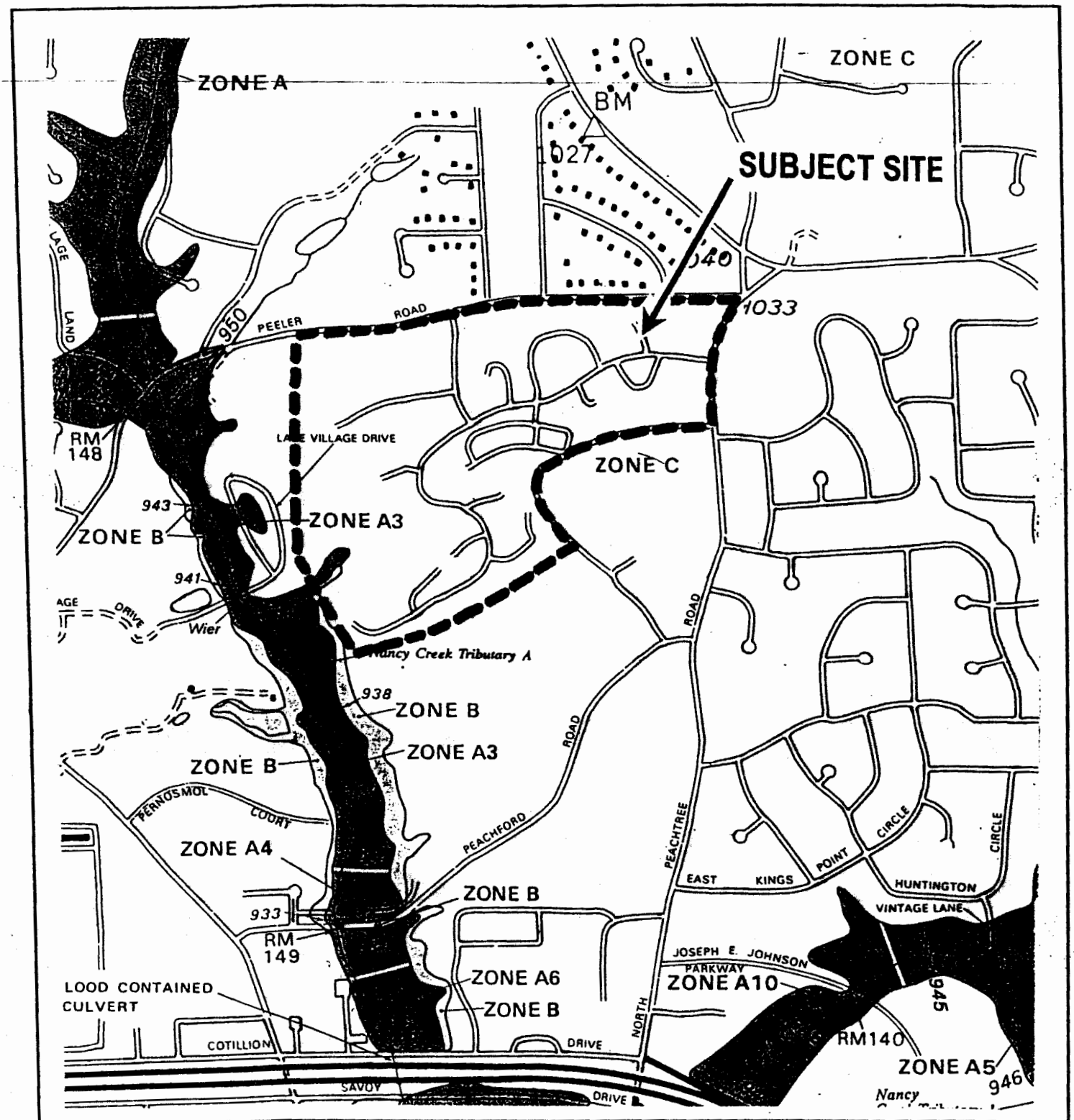


LOCATION MAP

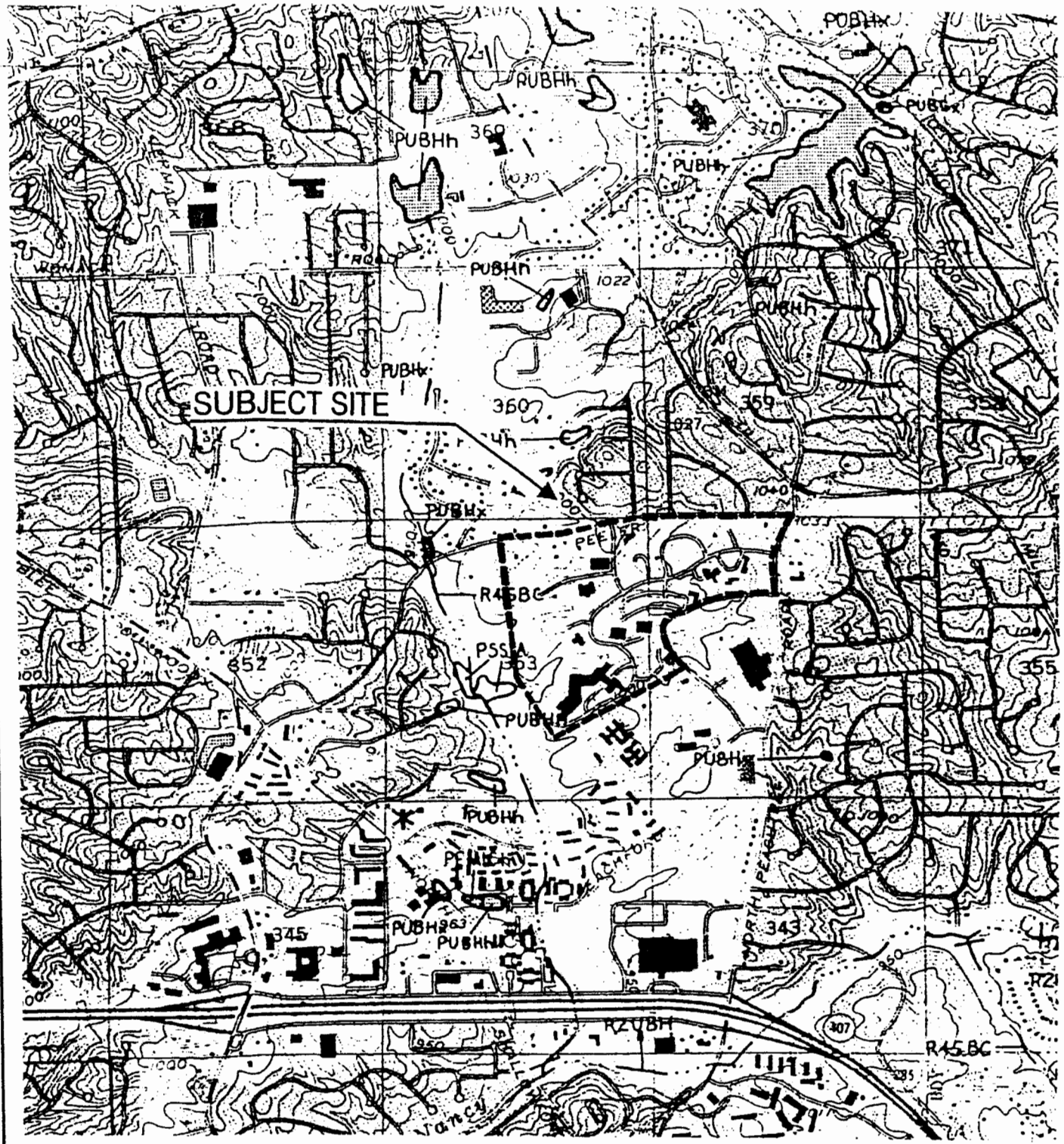
MATRIX ENGINEERING GROUP ATLANTA, GEORGIA			TITLE Site Location & Building Layout Brook Run Facility 4770 North Peachtree Road Dunwoody, Georgia		
CLIENT Dekalb County Roads & Drainage, Decatur, GA					
DRAWN -	REVIEWED SA	DATE 1/25/98	SCALE -	PROJECT NUMBER 97141.6	FIGURE 1



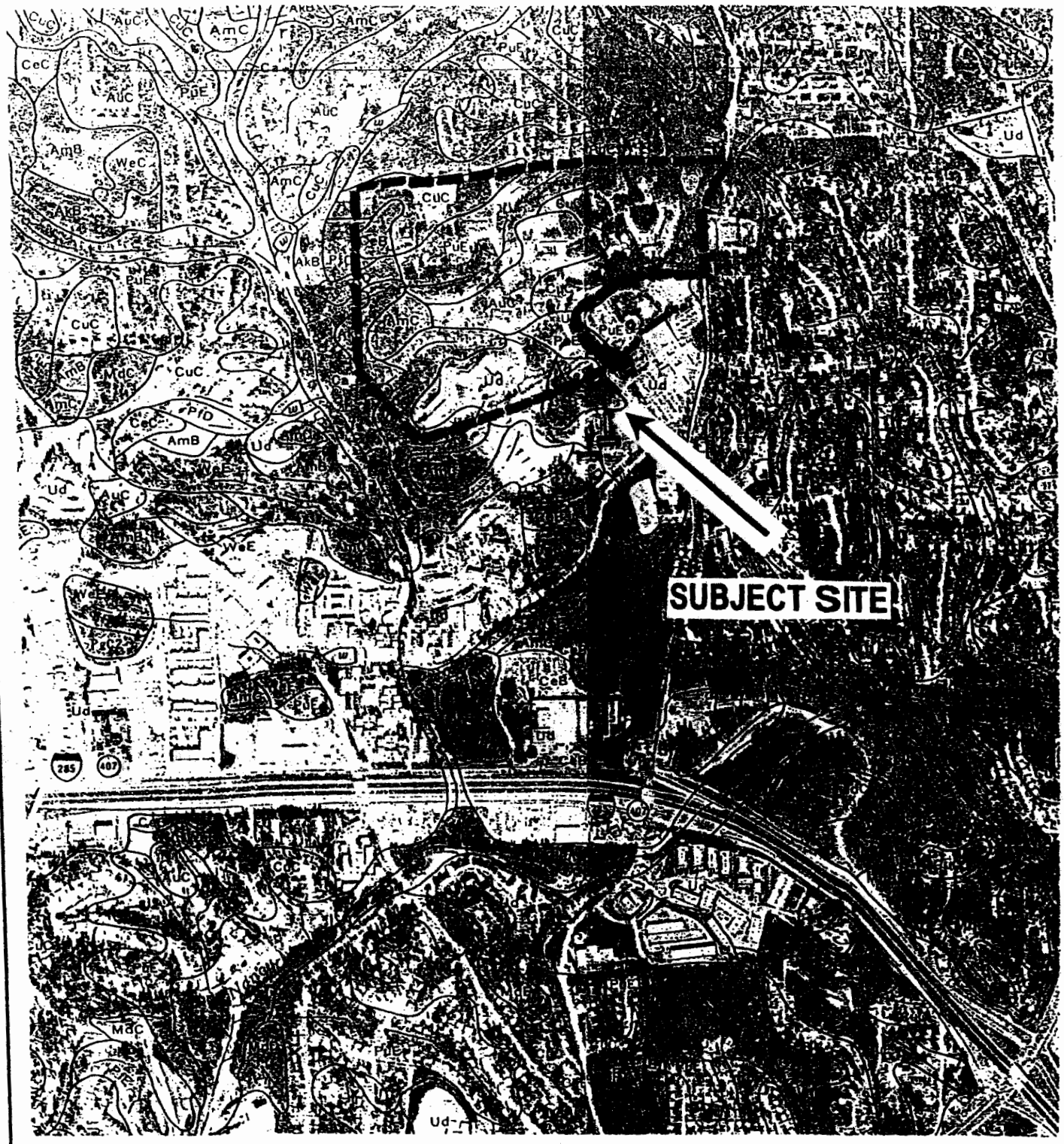
MATRIX ENGINEERING GROUP ATLANTA, GEORGIA			TITLE **USGS Topographical Map** **Brook Run Facility** **4770 North Peachtree Road** **Dunwoody, Georgia**		
CLIENT **Dekalb County Roads & Drainage, Decatur, GA**					
DRAWN -	REVIEWED SA	DATE 1/25/98	SCALE -	PROJECT NUMBER 97141.6	FIGURE 2



MATRIX ENGINEERING GROUP ATLANTA, GEORGIA			TITLE **Flood Insurance Rate Map** **Brook Run Facility** **4770 North Peachtree Road** **Dunwoody, Georgia**		
CLIENT **Dekalb County Roads & Drainage, Decatur, GA**					
DRAWN -	REVIEWED SA	DATE 1/25/98	SCALE -	PROJECT NUMBER 97141.6	FIGURE 3



MATRIX ENGINEERING GROUP ATLANTA, GEORGIA			TITLE **National Wetland Inventory Map** **Brook Run Facility** **4770 North Peachtree Road** **Dunwoody, Georgia**		
CLIENT **Dekalb County Roads & Drainage, Decatur, GA**					
DRAWN -	REVIEWED SA	DATE 1/25/98	SCALE -	PROJECT NUMBER 97141.6	FIGURE 4

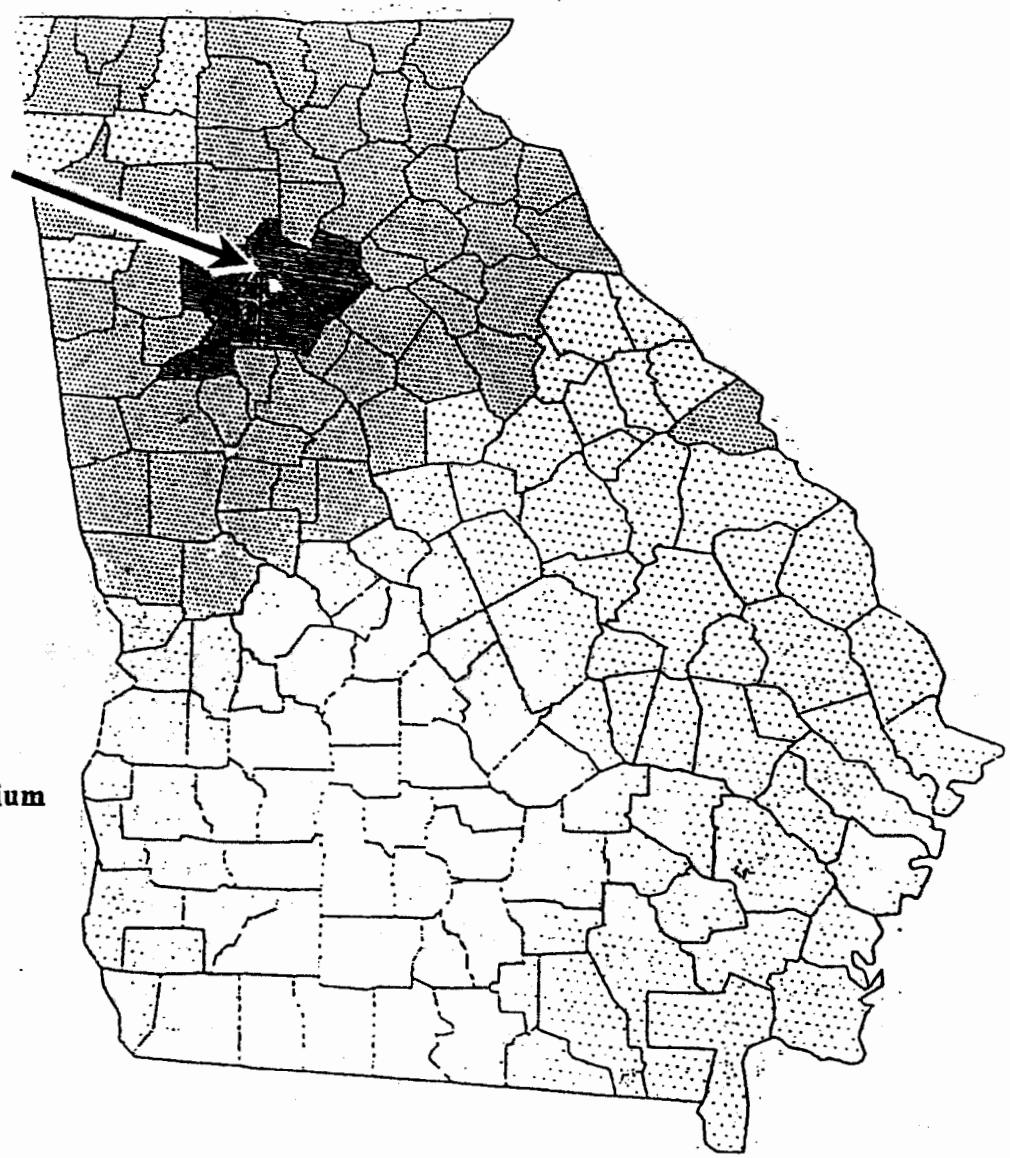


MATRIX ENGINEERING GROUP ATLANTA, GEORGIA			TITLE **Soil Survey Map** **Brook Run Facility** **4770 North Peachtree Road** **Dunwoody, Georgia**		
CLIENT **Dekalb County Roads & Drainage, Decatur, GA**					
DRAWN -	REVIEWED SA	DATE 1/25/98	SCALE -	PROJECT NUMBER 97141.6	FIGURE 5

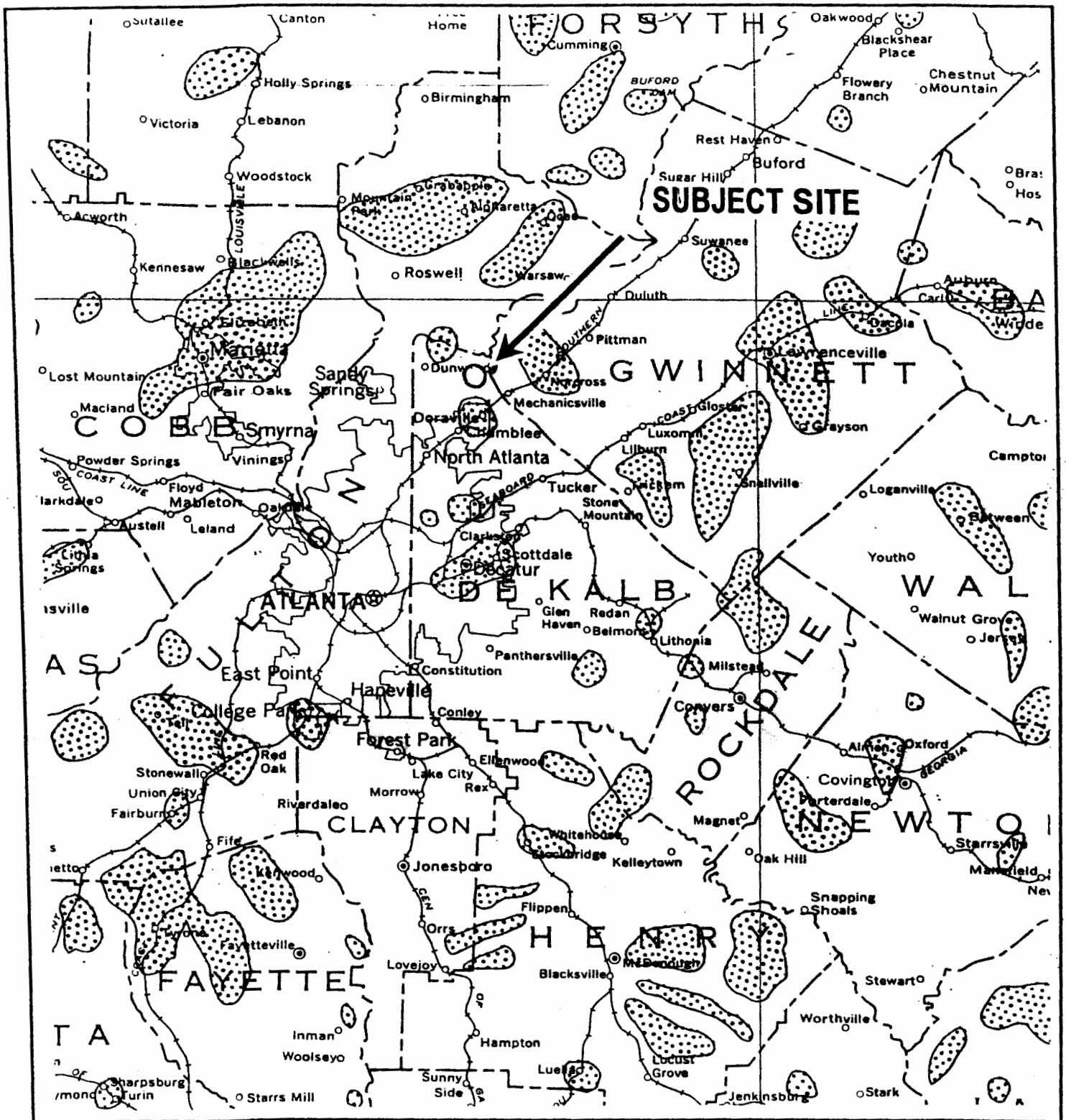
GEORGIA - EPA Map of Radon Zones

The purpose of this map is to assist National, State and local organizations to target their resources and to omlement radon-resistant building codes.

This map is not intended to determine if a home in a given zone should be tested for radon. Homes with elevated levels of radon have been found in all three zones. All homes should be tested, regardless of zone designation.



MATRIX ENGINEERING GROUP ATLANTA, GEORGIA			TITLE Radon Map Brook Run Facility 4770 North Peachtree Road Dunwoody, Georgia		
CLIENT Dekalb County Roads & Drainage, Decatur, GA					
DRAWN -	REVIEWED SA	DATE 1/25/98	SCALE -	PROJECT NUMBER 97141.6	FIGURE 6



MATRIX ENGINEERING GROUP

ATLANTA, GEORGIA

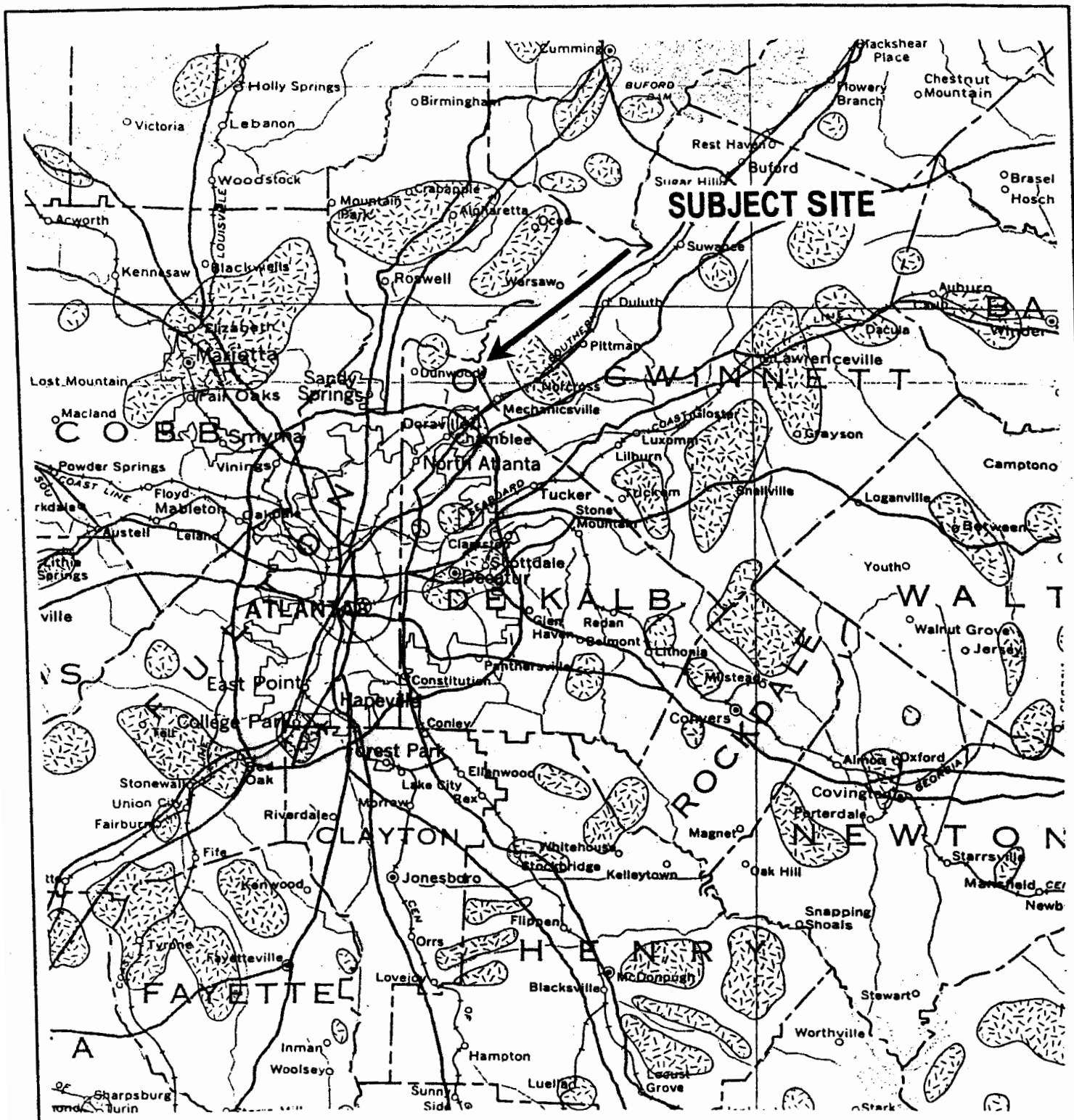
CLIENT

Dekalb County Roads & Drainage, Decatur, GA

TITLE

Most Significant Ground-Water Recharge Area Map
Brook Run Facility
Dunwoody, Georgia

DRAWN	REVIEWED	DATE	SCALE	PROJECT NUMBER	FIGURE
-	SA	1/25/98	-	97141.6	7



MATRIX ENGINEERING GROUP ATLANTA, GEORGIA			TITLE **Ground-Water Pollution Susceptibility Map of Georgia** **Brook Run Facility** **Dunwoody, Georgia**		
CLIENT **Dekalb County Roads & Drainage, Decatur, GA**					
DRAWN -	REVIEWED SA	DATE 1/25/98	SCALE -	PROJECT NUMBER 97141.6	FIGURE 8

APPENDIX I

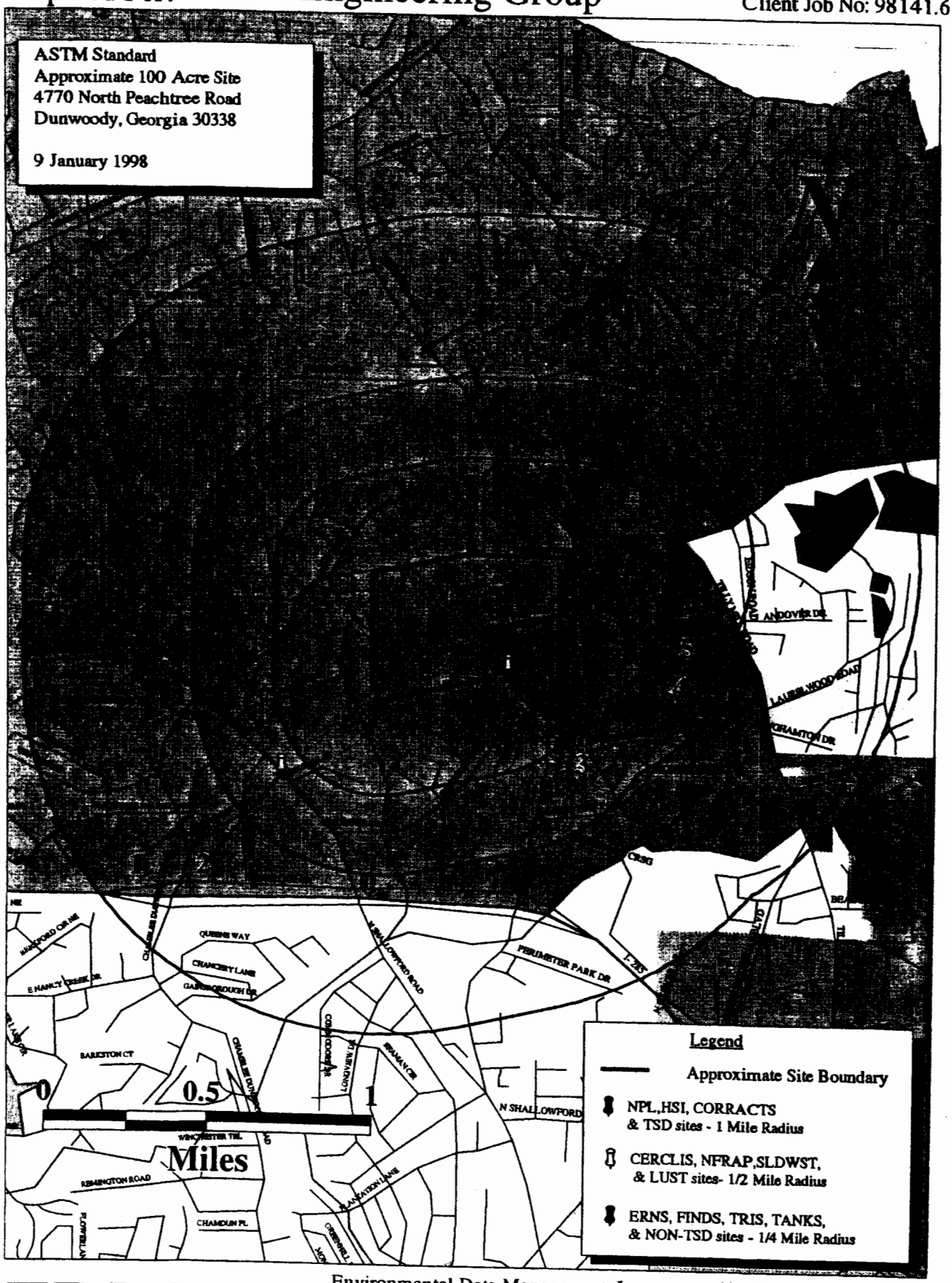
PHOTOGRAPHIC LOG

APPENDIX II

ENVIRONMENTAL DATA REPORT

Prepared For: Matrix Engineering Group

EDM Job No: 9238
Client Job No: 98141.6



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Map Scale and Site Locations are Approximate

** ENVIRONMENTAL DATA MANAGEMENT **

ASTM STANDARD REPORT

1/09/98 — MASTER LIST — Page 1

MAPID#	FACILITY ID NUMBER, NAME AND LOCATION	REGULATORY LISTS: FEDERAL / STATE											
		NPL	CERCLIS	NFRAP	ERNS	CORRACTS	TSD	NONTSD	FINDS	TRIS	/ HSI	SLDWST	LUST	TANKS
1)	GAD981219967 TOUCH OF CLASS CLEANERS 1400 DUNWOODY PARK DUNWOODY GA 30338						X				/			
2)	9-044192 SHALLOWFORD COMMUNITY HOSPITAL 4575 NORTH SHALLOWFORD RD ATLANTA GA										/		X	
3)	4-444025 DEKALB CO/FIRE STATION #18 4588 BARCLAY DR CHAMBLEE GA										/		X	
3)	4444025 DEKALB CO/FIRE STATION #18 4588 BARCLAY DR CHAMBLEE GA 30341										/			X
4)	GA0000908012 BROOK RUN/ GA DHR 4770 N PEACHTREE RD DUNWOODY GA 30338								X		/			
5)	4440092 BROOK RUN/GA DEPT HUMAN RES 4770 NORTH PEACHTREE RD ATLANTA GA 30338										/			X
5)	4440092. BROOK RUN/GA RETARDATION CENTER 4770 NORTH PEACHTREE RD ATLANTA GA 30338										/			X

ENVIRONMENTAL DATA REPORT

ASTM Standard Radius Overview
Approximate 100 Acre Site
4770 North Peactree Road
Dunwoody, Georgia 30338-5813
Client Project# 98141.6

Prepared For:

MATRIX ENGINEERING GROUP
3300 Buckeye Road Suite 525
Atlanta, GA 30341

Prepared By:

ENVIRONMENTAL DATA MANAGEMENT, INC.
12360 66th Street North
Largo, Florida 34643

09/January/1998

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09/January/1998

Sam Alyateem
MATRIX ENGINEERING GROUP
3300 Buckeye Road Suite 525
Atlanta, GA 30341

Subject: **Environmental Data Report--EDM Job No:9238**

Dear Mr. Alyateem:

Thank you for your interest in our Environmental Data Report. Enclosed please find the information you requested for the following location:

ASTM Standard Radius Overview
Approximate 100 Acre Site
4770 North Peactree Road
Dunwoody, Georgia 30338-5813
Client Project# 98141.6

The following lists were queried to determine whether sites listed in the USEPA or GDNR environmental records that we have compiled in our database[1] were present within your specified search radius. *Where applicable*, the ASTM standard search radius is indicated beside each list.

USEPA INFORMATION

NATIONAL PRIORITIES LIST (NPL) -1 MILE
COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY INFORMATION SYSTEM LIST (CERCLIS) -1/2 MILE
NO FURTHER REMEDIAL ACTION PLANNED LIST (NFRAP) -1/2 MILE
EMERGENCY RESPONSE NOTIFICATION SYSTEM LIST (ERNS) -1/4 MILE
RCRIS HANDLERS WITH CORRECTIVE ACTION (CORRACTS) -1 MILE
RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM (RCRIS) -TSD 1 MILE/NONTSD 1/4 MILE
HAZARDOUS WASTE DATA MANAGEMENT SYSTEM LIST (HWDMS) -TSD 1 MILE/NONTSD 1/4 MILE
FACILITY INDEX DATA SYSTEM LIST (FINDS) -1/4 MILE
TOXIC RELEASE INVENTORY SYSTEM LIST (TRIS) -1/4 MILE

GDNR INFORMATION

HAZARDOUS SITE INVENTORY (HSI) -1 MILE
OPERATING SOLID WASTE FACILITIES LIST (SLDWST) -1/2 MILE
LEAKING UNDERGROUND STORAGE TANK NOTIFIERS LIST (LUST) -1/2 MILE
UNDERGROUND STORAGE TANKS LIST (TANKS) -1/4 MILE
GEORGIA RCRA NOTIFIERS LIST (NOTIFIERS) -TSD 1 MILE/NONTSD 1/4 MILE

[1] Regulatory list updates are exhibited at the bottom of each database explanation page, found in the main body of the report.

In order to query our database for the listings that lie within your specified study area, EDM utilized the information supplied by you to establish the subject property location and then initiated the appropriate search radius using our Geographic Information System (GIS) integrated database. All sites identified within your research area have been compiled into a Master List, found at the beginning of our report. Where requested, the relative location of these sites have also been displayed on a map which appears in front of the Master List.

Please note that because our computerized maps are based upon U.S. Census Bureau files, absolute precision in facility placement is not always possible. The map scale and site locations shown on the map (if applicable) are therefore approximate, and are provided for general orientation purposes only. However, actual site locations will seldom be found more than several hundred feet from the reported location. Due to this potential variation, we actually query a radius slightly larger than that requested (typically 0.05 miles more).

The locations identified on our maps represent specific address points along a roadway. However, a large parcel may have a street address located hundreds (if not thousands) of feet away from its property boundary. To account for this, we have provided a listing of "proximal" sites found slightly outside of the requested research area (typically 0.1 - 0.2 miles). These sites are summarized in the Proximal Sites Appendix. This Appendix may also be useful for those who may simply be interested in a facility which occurs slightly outside of the study area, particularly if extensive contamination has been reported. If detailed information concerning any location listed in the Proximal Sites Appendix is desired, simply contact us and we'll rush you the complete report on the facility, at no additional charge.

The EDM Comprehensive Reports also include an Appendix identifying those facilities, located within a two mile radius, which fall upon the NPL, CERCLIS, ERNS, HSI and SOLID WASTE FACILITIES lists. Facilities referenced on these lists often create a higher level of environmental concern, and many of our clients appreciate having this additional information, either for inclusion in their report or simply to become more familiar with the sites of potential regional concern. If you would like specific information on any of the sites appearing in the Two Mile Summary Appendix, please contact us and we will be happy to supply you with this information at no additional cost.

In some instances the government records that we compile do not contain sufficient address information to plot within our GIS program. However, some of these records may included sites which do actually fall within the bounds of your requested research area. These records have been summarized into a Non-Mapped Sites Appendix found at the end of our report. This Appendix is broken into three sub-groups:

1) Those non-mapped locations with Zipcode information equal to the subject property, along with any other Zipcodes you wish us to include (supplied by you on our order form). We add to this list any Zipcodes listed in the records of all facilities identified within your research area, and perhaps pick up some historical Zipcodes you may not have been aware of.

2) Those non-mapped locations with no Zipcode information, but reportedly located in the City in which your site is located (or any adjacent Cities you wish us to query). As above, we will query all records identified within your research area, and add any additional Cities to the list, if necessary.

3) Those non-mapped sites with no Zipcode or City information, but reportedly located in the County in which your site is located (or an additional adjacent County, if your site is very close to the County boundary).

Our report is a listing of facilities and locations that have been, or are presently involved in activities related to the handling of potentially hazardous materials. Based upon the type of activities conducted on these sites, the potential for environmental degradation to exist on that site and proximal sites may be present. Once identified as a potential risk, each facility or site listed can be further researched by visiting or communicating with local, State or Federal authorities. Without information such as that provided by our report, facilities known to be an environmental hazard or of potential concern to your study location may go undetected in your evaluation.

We at EDM take great pride in our work, and continually strive to provide you with the most thorough and comprehensive service available. However, our ultimate goal is to make your job a little easier. Without your support, we wouldn't be in business, and we sincerely appreciate your business. We are always searching for ways to improve upon our service, so don't hesitate to provide us with your suggestions!

Should you have any questions regarding this report or our service, please feel free to contact us. We appreciate the opportunity to be of service to you and look forward to working with you in the future.

Sincerely,

ENVIRONMENTAL DATA MANAGEMENT, INC.

Steven F. Curry
Vice President

EDM

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY DATA

NATIONAL PRIORITIES LIST

(NPL)

The NPL is a listing of facilities and/or locations where environmental contamination has been confirmed. The NPL was devised as a method for the EPA to prioritize these sites for the purpose of taking remedial action as funded by the Hazardous Waste Substance Superfund program, which was initially established under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA). The EDM NPL report identifies those sites which presently appear, or have in the past appeared on the NPL.

The EDM COMPREHENSIVE REPORT includes a 2 Mile Summary Appendix listing NPL sites plotted within an approximate 2 Mile radius of your requested research area. If more specific information relative to a particular site is required, please contact us and we will send you this information as an addendum to this report, at no additional charge.

The Non-Mapped Sites Appendix is a listing of those records that could not be plotted because of insufficient address information. We recommend reviewing this section since it is possible that a facility listed in this section may fall within your search area.

** Agency File Date: 8/14/97

** Received by EDM: 11/11/97
** EDM Database updated: 11/11/97

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** ENVIRONMENTAL DATA MANAGEMENT **

USEPA
NATIONAL PRIORITIES LIST
(NPL)

1/09/98

MAPID#	FACILITY ID NUMBER, NAME AND LOCATION	SITE INFORMATION

NO DATA FOUND FOR THIS AREA OF STUDY

NPL STATUS:
DATE PROPOSED:
DATE FINALIZED:
SITE DISC DATE:

SITE CLASSIFICATION:
SITE CATEGORY:

ADDITIONAL SITE INFORMATION [1]

SITE RESPONSIBILITY:

SITE REPOSITORY:

SITE DESCRIPTION:

THREATS & CONTAMINANTS:

CLEANUP APPROACH:

RESPONSE ACTION STATUS:

ENVIRONMENTAL PROGRESS:

1 Additional Information manually input from EPA Publication "Superfund: Progress at National Priority List Sites". Confirmation of this information may be obtained by contacting the EPA at (404) 347-4332

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY DATA

COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY INFORMATION SYSTEM LIST

(CERCLIS)

The CERCLIS list contains facilities and/or locations that the USEPA is investigating to determine if an existing or threatened release of hazardous substances is present. The CERCLIS list contains sites which have been proposed for inclusion on the NPL, are actually on the NPL and/or are in the screening and assessment phase for possible inclusion on the NPL.

Once identified as a potential environmental problem, a preliminary site assessment is typically conducted by the USEPA or State agency for all sites listed on the CERCLIS list. Based upon the findings of the preliminary assessment, further assessment and remediation activities may be deemed necessary. If warranted, the site may be ranked according to the degree of environmental health and safety concerns and placed on the NPL for cleanup under the auspices of the USEPA.

As of February 15, 1995, CERCLIS no longer includes sites which the EPA has assessed and designated "No Further Remedial Action Planned" (NFRAP). A NFRAP designation means , to the best of EPA's knowledge, Superfund completed its assessment at a site and has determined no further steps to list this site on the NPL will be taken unless information indicating this decision was not appropriate or other considerations make a recommendation for listing appropriate at a later time. An NFRAP decision does not necessarily mean that there is no hazard asociated with a given site; it means only that based upon available information, the location is not judged to be a potential NPL site.

Historically, even sites EPA classified as NFRAP were maintained in CERCLIS to document the evaluations took place at these sites, and to preclude the possibility they would be needlessly repeated in the future. This policy led to unintended barriers to the redevelopment of these properties and EPA decided to remove these sites from CERCLIS. NFRAP sites are archived as historical records so EPA does not needlessly repeat the investigations in the future. These NFRAP sites are being reviewed by the States in which they are located. The States will coordinate with the EPA to determine if any sites should be returned to CERCLIS because of newly identified contamination problems at the site.

The EDM CERCLIS report identifies those sites that presently appear on the CERCLIS list. CERCLIS NFRAP sites are provided as a separate listing in the section following the EDM CERCLIS report.

The EDM COMPREHENSIVE REPORT includes a 2 Mile Summary Appendix listing CERCLIS sites plotted within an approximate 2 Mile radius of your requested research area. If more specific information relative to a particular site is required, please contact us and we will send you this information as an addendum to this report, at no additional charge.

The Non-Mapped Sites Appendix is a listing of those records that could not be plotted because of insufficient address information. We recommend reviewing this section since it is possible that a facility listed in this section may fall within your search area.

** Agency File Date: 8/14/97

** Received By EDM: 11/11/97
** Updated By EDM: 11/12/97

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** ENVIRONMENTAL DATA MANAGEMENT **

USEPA
COMPREHENSIVE ENVIRONMENTAL RESPONSE,
COMPENSATION AND LIABILITY INFORMATION
SYSTEM LIST
(CERCLIS)

1/09/98

APID# FACILITY ID NUMBER,
NAME AND LOCATION

NO DATA FOUND FOR THIS AREA OF STUDY

INCIDENT DESCRIPTION:
NPL DESCRIPTION:
OWNERSHIP TYPE:
FEDERAL FACILITY?:
SITE CATEGORY:

********** CERCLIS EVENTS **********

Descriptions for a specific response, non-response or support event within the pre-remedial, remedial and/or community relations components of the Superfund Program

OPERABLE UNIT NAME:
EVENT NAME:
EVENT LEAD:
START DATE: COMPLETION DATE:
EVENT QUALIFIER:

***** CERCLIS ENFORCEMENT INFORMATION *****

ENFORCEMENT TYPE:
ENFORCEMENT LEAD:
ENF START DATE: ENF COMPLETION DATE:

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY DATA

COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY INFORMATION SYSTEM LIST

NO FURTHER REMEDIAL ACTION PLANNED LIST (NFRAP)

The NFRAP list contains facilities and/or locations that the USEPA had listed on the CERCLIS list as requiring investigation to determine if an existing or threatened release of hazardous substances was present.

As of February 15, 1995, the EPA began to remove sites from the CERCLIS list which the EPA had assessed and designated as not requiring further investigation or remedial action. These sites were classified as "No Further Remedial Action Planned" (NFRAP) sites. A NFRAP designation means , to the best of EPA's knowledge, Superfund completed its assessment at a site and has determined no further steps to list this site on the NPL would be taken unless information indicating this decision was not appropriate or other considerations would make a recommendation for listing appropriate at a later time. A NFRAP decision does not necessarily mean that there is no hazard asociated with a given site; it means only that based upon available information, the location is not judged to be a potential NPL site.

Historically, even sites EPA classified as NFRAP were maintained in CERCLIS to document the evaluations took place at these sites, and to preclude the possibility they would be needlessly repeated in the future. This policy led to unintended barriers to the redevelopment of these properties and EPA decided to remove these sites from CERCLIS. NFRAP sites are archived as historical records so EPA does not needlessly repeat the investigations in the future. These NFRAP sites are being reviewed by the States in which they are located. The States will coordinate with the EPA to determine if any sites should be returned to CERCLIS because of newly identified contamination problems at the site.

The Non-Mapped Sites Appendix is a listing of those records that could not be plotted because of insufficient address information. We recomend reviewing this section since it is possible that a facility listed in this section may fall within your search area.

** Agency File Date: 8/14/97

** Received By EDM: 11/11/97
** Updated By EDM: 11/12/97

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** ENVIRONMENTAL DATA MANAGEMENT **

USEPA
COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION,
AND LIABILITY INFORMATION SYSTEM LIST (CERCLIS)

NO FURTHER REMEDIAL ACTION PLANNED LIST

(NFRAP)

1/09/98

APID# FACILITY ID NUMBER,
NAME AND LOCATION

NO DATA FOUND FOR THIS AREA OF STUDY

INCIDENT DESCRIPTION:
NPL DESCRIPTION:
OWNERSHIP TYPE:
FEDERAL FACILITY?:
SITE CATEGORY:

********** CERCLIS EVENTS **********

Descriptions for a specific response, non-response or support event within the pre-remedial, remedial and/or community relations components of the Superfund Program

OPERABLE UNIT NAME:
EVENT NAME:
EVENT LEAD:
START DATE: COMPLETION DATE:
EVENT QUALIFIER:

***** CERCLIS ENFORCEMENT INFORMATION *****

ENFORCEMENT TYPE:
ENFORCEMENT LEAD:
ENF START DATE: ENF COMPLETION DATE:

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY DATA

EMERGENCY RESPONSE NOTIFICATION SYSTEM LIST

(ERNS)

The ERNS List is intended to standardize the process of collecting, documenting and analyzing nationwide data on reported releases of oil and hazardous substances. In addition, the ERNS database records any follow-up action gathered by the Environmental Protection Agency (EPA) or the United States Coast Guard (USCG). This database is necessary to meet provisions of the revised National Oil and Hazardous Substance Pollution Contingency Plan (NCP) and to provide EPA headquarters and regional management and staff with information on the nature and types of releases occurring on a nationwide basis.

The ERNS database integrates both initial notification information of releases of oil and hazardous substances and additional follow-up information for those incidents. Information about a release is received from the reporting parties by one of three entities, the National Response Center (NRC), the EPA, or the USCG. The main ERNS database is managed by the DOT at the Transportation Systems Center in Cambridge, Massachusetts and is updated weekly by data transfers from EPA and USCG.

The EDM ERNS report is a compilation of this data from 1988 to the date of our latest quarterly update and exhibits the location and date of the reported incident, the type and quantity of materials involved and the reported response action that was taken.

The EDM COMPREHENSIVE REPORT includes a 2 Mile Summary Appendix listing ERNS sites plotted within an approximate 2 Mile radius of your requested research area. If more specific information relative to a particular site is required, please contact us and we will send you this information as an addendum to this report, at no additional charge.

The Non-Mapped Sites Appendix is a listing of those records that could not be plotted because of insufficient address information. We recommend reviewing this section since it is possible that a facility listed in this section may fall within your search area.

** Agency File Date: 10/02/97

** Received by EDM: 11/11/97
** Updated by EDM: 11/13/97

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** ENVIRONMENTAL DATA MANAGEMENT **

USEPA
EMERGENCY RESPONSE NOTIFICATON SYSTEM LIST
(ERNS)

1/09/98

APID#	REGIONAL CASE # AND LOCATION OF INCIDENT	MATERIAL SPILLED	QUANTITY SPILLED	UNITS

NO DATA FOUND FOR THIS AREA OF STUDY
COUNTY:

SPILL DATE:
REPORT DATE:
POSSIBLE RESPONSIBLE PARTY:
SPILL INFO:

ACTION TAKEN:
COMMENTS:

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY DATA

RCRIS NATIONAL OVERSIGHT DATABASE
HANDLERS WITH CORRECTIVE ACTION ACTIVITY
(CORRACTS)

The EDM CORRACTS database is a listing of Hazardous Waste handlers that have undergone RCRA corrective action activity. This information is provided to the EPA by TSD facilities and the EPA Regional and State RCRA program personnel.

This report exhibits the Facility I.D. No., Name and Address of those RCRA handlers appearing on this database as well as the nationally-defined corrective action core events that have occurred at these sites.

The Non-Mapped Sites Appendix is a listing of those records that could not be plotted because of insufficient address information. We recommend reviewing this section since it is possible that a facility listed in this section may fall within your search area.

** Agency File Date: 6/16/97

** Received by EDM: 10/17/97
** EDM Database Updated: 10/17/97

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** ENVIRONMENTAL DATA MANAGEMENT **

USEPA
RCRIS NATIONAL OVERSIGHT DATABASE
HANDLERS WITH CORRECTIVE ACTION ACTIVITY
(CORRACTS)

1/09/98

MAPID# FACILITY ID NUMBER,
NAME AND LOCATION

NO DATA FOUND FOR THIS AREA OF STUDY

CORRECTIVE ACTION EVENTS:

RCRA NOTIFIERS
TREATMENT, STORAGE AND/OR DISPOSAL FACILITIES LIST

(RCRA TSD'S)

The RCRA TSD'S list identifies those facilities or locations that appear on the EPA RCRIS and GDNR NOTIFIERS Lists as having notified the EPA or GDNR of their activities relative to the on-site Treatment, Storage and/or Disposal of hazardous wastes. In addition, we have also included those sites listed on the GDNR NOTIFIERS list as being Burner/Blenders and Recyclers of Hazardous Waste.

The appearance of a site on this list does not necessarily indicate environmental problems on the site, but rather that the site is (or was) engaged in hazardous waste TSD activities and therefore may have the potential to cause environmental degradation if hazardous wastes have been mishandled or otherwise released in an uncontrolled manner.

Each site exhibited on the EDM RCRA TSD'S Report has information that has been extracted from the RCRIS and NOTIFIERS databases.

The Non-Mapped Sites Appendix is a listing of sites that lack sufficient address information to allow plotting within our mapping system. We recommend reviewing this Appendix as it is possible for a listed facility to occur within your research area.

** Agency File Date 11/04/97 ** Received by EDM 11/19/97
** EDM Database Updated 11/24/97

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** ENVIRONMENTAL DATA MANAGEMENT **

RCRA NOTIFIERS WITH TREATMENT, STORAGE &/OR DISPOSAL ACTIVITIES
(COMPILED FROM THE USEPA RCRIS AND GDNR NOTIFIERS LISTS)

(TSD)

MAPID#	FACILITY ID NUMBER, NAME AND LOCATION	CONTACT NAME AND TELEPHONE NO.
1	GAD981219967 TOUCH OF CLASS CLEANERS 1400 DUNWOODY PARK DUNWOODY GA 30338	

RCRIS INFORMATION

GEN STATUS:
TRANS STATUS:
TSD STATUS:
UIC STATUS:

NOTIFIERS INFORMATION

TSD STATUS:
GENERATOR STATUS: SMALL QUANTITY GENERATOR(100-1000 KG/MONTH)
TRANSPORTER STATUS:
BURNER/BLENDER STATUS:
RECYCLER STATUS: RECYCLER
NOTIFICATION DATE: 09/12/86

** ENVIRONMENTAL DATA MANAGEMENT **

USEPA
FACILITY INDEX SYSTEM LIST
(FINDS)

1/09/98

APID#	FACILITY ID NUMBER, NAME AND LOCATION	RCRIS	PCS	AFS	SSTS	CERCLIS	FTTS	DOCKET	CONTROL	CRIMDOC	FFIS	CICIS	STATE	PADS	RCRAJ	TRIS	CUS
4	GA0000908012 BROOK RUN/ GA DHR 4770 N PEACHTREE RD DUNWOODY GA 303385899						X										

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY DATA

TOXIC RELEASE INVENTORY SYSTEM LIST

(TRIS)

The TRIS list identifies those facilities that are required to submit annual reports relative to the estimated release of toxic chemicals to the environment, as stipulated under section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA, or Title III of the Superfund Amendment and Reauthorization Act of 1986). This reporting is required to provide the public with information on the release of listed toxic chemicals in their communities and to provide the EPA with release information to assist the Agency in determining the need for future regulations. Facilities subject to these provisions must report the quantities of both routine and accidental releases of listed toxic chemicals.

The EDM TRIS report includes general information on the facility as well as specific information on the listed chemical(s), including its use and maximum amount stored on-site; the estimated quantity released to air, water, land or injected underground; and the amounts transferred to off-site locations.

The appearance of a facility on this list does not necessarily indicate environmental degradation on the site, but rather that listed toxic chemicals are in use and released from the site.

The Non-Mapped Sites Appendix is a listing of those records that could not be plotted because of insufficient address information. We recommend reviewing this section since it is possible that a facility listed in this section may fall within your search area.

** Agency File Date 2/20/97 ** Received by EDM: 8/28/97
** Updated by EDM : 9/02/97

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ENVIRONMENTAL DATA MANAGEMENT

USEPA
TOXIC RELEASE INVENTORY SYSTEM LIST
(TRIS)

1/09/98

MAPID#

GENERAL INFORMATION

NO DATA FOUND FOR THIS AREA OF STUDY

EPA ID NO:
NPDES NO:
FAC D&B NO:
SIC CODE:
SIC CODE DESCRIPTION:

TRIS FAC ID NO:
UIC ID NO:
FAC STATUS:
FED AGENCY(IF APPL):

CONTACT:
PARENT COMPANY:

PARENT COMPANY D&B NO:

**********TRIS SUBSTANCE DETAILS**********

TRIS FACILITY ID NO:
NAME OF SUBSTANCE:
GENERIC NAME:
CASRN NO:

EPA SUBMISSION NO:

***** REPORTING YEAR: *****

RELEASE INFORMATION

MAX ON SITE:
USE OF SUBSTANCE:

NON-POINT AIR RELEASE(LBS):
DISCHARGE TO RECEIVING WATERS(LBS):
% DISCHARGE AS STORMWATER:
LAND RELEASE ON-SITE(LBS):
TRANSFER TO OFF-SITE POTW(LBS):
POTW NAME:
POTW ADDRESS:
POTW CITY:
TRANSFER TO OTHER OFF-SITE LOCATION(LBS):
OFF-SITE EPA ID NO:
OFF-SITE NAME:
OFF-SITE ADDRESS:
OFF-SITE CITY:
OFF-SITE STATE:

POINT AIR RELEASE(LBS):
NAME OF RECEIVING WATERS:
UNDERGROUND RELEASE:
LAND DISPOSAL:

POTW STATE:

ON-SITE TREATMENT INFORMATION

GENERAL WASTESTREAM:

TREATMENT METHOD:

STATE OF GEORGIA DEPARTMENT OF NATURAL RESOURCES

HAZARDOUS SITE INVENTORY (HSI)

The Hazardous Site Inventory (HSI) is a list of sites in Georgia known or suspected of having had a release of a regulated substance above a reportable quantity. The HSI is compiled and published by the Georgia Environmental Protection Division (EPD) of the Georgia Department of Natural Resources (DNR) and will be updated by EPD as needed. At least once each year, beginning July 1, 1994, EPD will publish the HSI.

Sites listed on the HSI are separated into four Classes which are described as follows:

CLASS I - Sites that have resulted in known human exposure to regulated substances, have sources of continuing releases, or that are causing serious environmental problems. These sites will be EPD's highest priority for corrective action. Persons responsible for these sites are required to perform corrective action and put a notice in the deed to their property. If a responsible party fails to perform corrective actions as required, EPD may use the state hazardous waste trust fund to clean up the site and then recover the cost of the cleanup from the responsible party later. Class I sites retain that classification until they are cleaned up to meet applicable risk reduction standards.

CLASS II - Sites that require further evaluation before EPD can decide whether corrective action is needed. Persons responsible for Class II sites are given a period of time to investigate their site and to submit the results of their investigation to EPD. During this time, they are also encouraged to clean up their site. EPD will then either remove the site from the HSI or reclassify the site as Class I or III, based upon whether it meets the risk reduction standards. While classified as Class II, a site will not be designated as needing corrective action, so property owners will not immediately have to place notices on deeds and other property records. If a responsible party at a Class II site fails to do the required investigation, the site priority can be upgraded to Class I.

CLASS III - Sites that cannot meet the residential risk reduction standards but do meet alternative risk reduction standards. These sites are designated as needing corrective action and the property owners are required to make the same deed notices as apply to Class I sites. These sites may require continued monitoring to make sure they meet appropriate standards. They will also require further corrective action before they can be used for residential purposes. Class III sites that meet the non-residential standards (Types 3 and 4) will be removed from the HSI once the property owner has filed a deed notice. Class III sites that can only meet the Type 5 risk reduction standards will remain on the HSI. Land use at these sites is restricted and the reponsible party must provide long term monitoring and maintenance of the site.

CLASS IV - Sites where corrective action is already being conducted or has been completed under other federal or state authority. These sites are assumed to meet the Type 5 risk reduction standards. They are designated as needing corrective action, remain on the HSI and the property owner is requied to file deed notices. If it is ever determined that the corrective action at a Class IV site does not protect human health or the environment, then the site may be redesignated from Class IV to Class I. If it can be certified that the site meets one of the other risk reduction standards, it can be reclassified and may be removed from the HSI.

The EDM HSI report identifies those sites that presently appear, or have in the past appeared on the HSI list. Appendix B is a listing of Non-mapped sites. We recommend reviewing this section since some address information is insuffiecient to allow plotting within our mapping system.

**Database last updated by EDM 9/23/96

** ENVIRONMENTAL DATA MANAGEMENT **

GEORGIA DNR
HAZARDOUS SITE INVENTORY
(HSI)

MAPID#	SITE NUMBER, NAME AND LOCATION	OWNERSHIP INFORMATION

***
NOT DATA FOUND FOR THIS AREA OF STUDY

SITE CLASS:

REGULATED SUBSTANCES RELEASED ON SITE:

OTHER SUBSTANCES IN GROUNDWATER:

OTHER SUBSTANCES ON-SITE:

STATUS OF CLEANUP ACTIVITIES:

CLEANUP PRIORITY:

GA EPD DIRECTOR'S DETERMINATION
REGARDING CORRECTIVE ACTION:

GEORGIA DEPARTMENT OF NATURAL RESOURCES

OPERATING SOLID WASTE FACILITIES

THE SOLID WASTE FACILITIES list identifies locations that have been permitted to conduct solid waste landfilling activities or other related waste handling activities such as those conducted at transfer stations. The appearance of a site on this list does not necessarily indicate environmental problems at the site, but rather that the site handles solid wastes that could pose an environmental concern if, as a result of an uncontrolled release, hazardous compounds were able to impact the evnironment and possibly migrate from the site.

The EDM SOILD WASTE FACILITIES report identifies those sites which presently appear, or have in the past appeared, on this list. The "Explanation of Codes" form exhibited below will assist in interpreting the information contained in this report.

EXPLANATION OF CODES

(SL) = SANITARY LANDFILL - Takes nonhazardous putrescible wastes. Sanitary landfills may take asbestos containing waste with the concurrence of the responsible officials. Must be covered with at least six inches of clean earth every 24 hours.

(L) = LANDFILL - Takes only nonputrescible, nonhazardous wastes (no garbage of food wastes, etc.); no asbestos containing waste may be received unless the landfill has written approval from EPD. Those landfills currently approved are marked with a double asterick (**). Must be covered with at least one foot of clean earth every 30 days.

Appendix B is a listing of Non-mapped sites. We recommend reviewing this list since some address information is insufficient to allow plotting within our mapping system.

**Agency File Date 10/14/97 **EDM Database updated 10/20/97

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** ENVIRONMENTAL DATA MANAGEMENT **

GEORGIA DNR
SOLID WASTE FACILITIES LIST
(SLDWST)

APID#	FACILITY ID NUMBER, NAME AND LOCATION

NO DATA FOUND FOR THIS AREA OF STUDY

ADDITIONAL INFO:
OPERATING STATUS:
FACILITY TYPE:
CONTACT PERSON:
CONTACT ADDRESS:

CONTACT TEL:

STATE OF GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION
UNDERGROUND STORAGE TANK MANAGEMENT PROGRAM

LEAKING UNDERGROUND STORAGE TANK NOTIFIERS LIST (LUST)

The LUST REPORT identifies facilities and/or locations that have notified the State of Georgia that a release has likely occurred from underground storage tanks located on that site. Unless remedial activities have been implemented on this site there is a potential for environmental degradation to occur on the site and surrounding properties.

This report identifies those sites which presently appear, or have in the past appeared, on the LUST REPORT.

Appendix B is a listing of Non-mapped sites. We recommend reviewing this list since some address information is insufficient to allow plotting within our mapping system.

** Agency File Date 5/08/97

** Received by EDM 10/10/97 ** EDM Database Updated 10/17/97

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** ENVIRONMENTAL DATA MANAGEMENT **

GEORGIA DNR
LEAKING UNDERGROUND STORAGE
TANKS NOTIFIERS LIST
(LUST)

APID#	FACILITY ID#, NAME AND LOCATION	RELEASE DATE
2	9-044192 SHALLOWFORD COMMUNITY HOSPITAL 4575 NORTH SHALLOWFORD RD ATLANTA GA	11-12-1996
3	4-444025 DEKALB CO/FIRE STATION #18 4588 BARCLAY DR CHAMBLEE GA	06-25-1992

STATE OF GEORGIA DEPARTMENT OF NATURAL RESOURCES

UNDERGROUND STORAGE TANKS LIST*

This list identifies those facilities or locations that have registered underground storage tanks. The appearance of a site on this list does not necessarily indicate environmental problems at the site, but rather that the potential for environmental degradation to occur on the site or an adjacent site is present if the storage tanks have experienced leakage.

To better evaluate this potential, information on each tank system is provided. This information includes: the age of the tank(s), capacity, construction type, contents, type of leak monitoring system and current status (i.e. active, removed, etc..).

The EDM TANKS report identifies those sites which presently appear, or have in the past appeared, on the TANKS list. Appendix B is a listing of Non-mapped sites. We recommend reviewing this list since some address information is insufficient to allow plotting within our mapping system.

*The Georgia Department of Natural Resources has issued the following disclaimer relative to issuance of the Tanks list:

"The data in this database is not completely up to date. Because of limited resources and because this data is not updated on a repetitive basis (i.e. annually), information is updated as it is gathered or for priority reasons. Therefore, you should evaluate the information in the database for timeliness and accuracy relevant to your particular needs or application."

** Agency File Date 6/20/97
** Received by EDM 10/10/97 **EDM Database Updated 10/13/97

** ENVIRONMENTAL DATA MANAGEMENT **

GEORGIA DNR
UNDERGROUND STORAGE TANKS LIST
(TANKS)

MAPID# — FACILITY ID NO, NAME AND LOCATION — OWNERSHIP INFORMATION

3 4444025
DEKALB CO/FIRE STATION #18
4588 BARCLAY DR
CHAMBLEE GA 30341

FACILITY TEL NO: 4049365452

DEKALB CO/FLEET MAINTENANCE
3043 WARREN RD
DECATUR GA 30034

CONTACT NAME: M E BIGGS/ASSOC/DIR
CONTACT TEL NO: 4042444201

FACILITY TYPE: Local
FINANCIAL STATUS: MET FINANCIAL REQUIREMENTS
NUMBER OF TANKS IN SERVICE: 2
TOTAL NUMBER OF TANKS: 4
NUMBER OF CLOSED OR REMOVED TANKS: 2

TANK ID.	TANK VOLUME (GALS)	DATE INSTALLED	TANK STATUS	PRODUCT	TANK MATERIAL	TANK RELEASE DETECTION					
***PIPING TYPE			***PIPING RELEASE DECTECTION			***OVERFILL PROTECTION.	***SPILL DETECTION	***TANK REMOVED	***TANK CLOSED	***DATE CLOSED	***INERT MATERIAL FOR FILL
H011712	1000	05/17/74	Removed from Ground^05-	Diesel	Steel						
***Galvanized Steel			***			***	***	***X	***	***06/12/92	***
H011719	1000	05/12/74	Removed from Ground^05-	Gasoline	Steel						
***Galvanized Steel			***			***	***	***X	***	***06/12/92	***
L295152	1031	09/04/92	Currently in Use	Diesel	Doubls Walled^Polyethylene						Manual Tank Gauging^Tnk
***Fiberglass/Plastic^			***Line Tightness Testing^			***X	***X	***	***	***	***
L295154	1031	09/04/92	Currently in Use	Gasoline	Double Walled^Polyethylene						Manual Tank Gauging^Tnk
***Fiberglass/Plastic^			***Line Tightness Testing^			***X	***X	***	***	***	***

** ENVIRONMENTAL DATA MANAGEMENT **

GEORGIA DNR
UNDERGROUND STORAGE TANKS LIST
(TANKS)

MAPID# **FACILITY ID NO, NAME AND LOCATION** **OWNERSHIP INFORMATION**

5 4440092
BROOK RUN/GA DEPT HUMAN RES
4770 NORTH PEACHTREE RD
ATLANTA GA 30338

FACILITY TEL NO: 4045517368

GA DEPT HUMAN RES/ BROOK RUN
4770 NORTH PEACHTREE RD
DUNWOODY GA 30338

CONTACT NAME: GARY JACKSON
CONTACT TEL NO: 4045517367

FACILITY TYPE: State
NUMBER OF TANKS IN SERVICE: 2
FINANCIAL STATUS: MET FINANCIAL REQUIREMENTS
TOTAL NUMBER OF TANKS: 6
NUMBER OF CLOSED OR REMOVED TANKS: 0

TANK ID.	TANK VOLUME (GALS)	DATE INSTALLED	TANK STATUS	PRODUCT	TANK MATERIAL	TANK RELEASE DETECTION					
	***PIPING TYPE		***PIPING RELEASE DETECTION			***OVERFILL PROTECTION.	***SPILL DETECTION	***TANK REMOVED	***TANK CLOSED	***DATE CLOSED	***INERT MATERIAL FOR FILL
1	30000	02/22/68	Permanently Out of Use	Heating Oil~Empty	Steel						
	***Bare Steel~COATED		***			***	***	***	***	***	***
2	30000	02/22/68	Permanently Out of Use	Heating Oil~Empty	Steel						
	***Bare Steel~COATED		***			***	***	***	***	***	***
3	30000	02/22/68	Permanently Out of Use	Heating Oil~Empty	Steel						
	***Bare Steel~COATED		***			***	***	***	***	***	***
4	30000	02/22/68	Permanently Out of Use	Heating Oil~Empty	Steel						
	***Bare Steel~COATED		***			***	***	***	***	***	***
5	5000	02/22/75	Currently in Use	Gasoline	Unknown					Tnk Tightness Testing	
	***Unknown		***			***	***	***	***	***	***
6	5000	02/22/75	Currently in Use	Gasoline	Unknown					Tnk Tightness Testing	
	***Unknown		***			***	***	***	***	***	***

** ENVIRONMENTAL DATA MANAGEMENT **

GEORGIA DNR
UNDERGROUND STORAGE TANKS LIST
(TANKS)

MAPID# FACILITY ID NO, NAME AND LOCATION — OWNERSHIP INFORMATION

5 4440092.
BROOK RUN/GA RETARDATION CENTER
4770 NORTH PEACHTREE RD
ATLANTA GA 30338

FACILITY TEL NO:

GA DEPT HUMAN RES/ BROOK RUN
4770 NORTH PEACHTREE RD
DUNWOODY GA 30338

CONTACT NAME: GARY JACKSON
CONTACT TEL NO: 4045517367

FACILITY TYPE: State
FINANCIAL STATUS:
NUMBER OF TANKS IN SERVICE: 2
TOTAL NUMBER OF TANKS: 6
NUMBER OF CLOSED OR REMOVED TANKS: 0

TANK ID.	TANK VOLUME (GALS)	DATE INSTALLED	TANK STATUS	PRODUCT	TANK MATERIAL	TANK RELEASE DETECTION					
	***PIPING TYPE		***PIPING RELEASE DECTECTION			***OVERFILL PROTECTION.	***SPILL DETECTION	***TANK REMOVED	***TANK CLOSED	***DATE CLOSED	***INERT MATERIAL FOR FILL
1	30000	02/22/68	Permanently Out of Use	Heating Oil	Steel						
	***Bare Steel^COATED		***			***	***	***	***	***	***
2	30000	02/22/68	Permanently Out of Use	Heating Oil	Steel						
	***Bare Steel^COATED		***			***	***	***	***	***	***
3	30000	02/22/68	Permanently Out of Use	Heating Oil	Steel						
	***Bare Steel^COATED		***			***	***	***	***	***	***
4	30000	02/22/68	Permanently Out of Use	Heating Oil	Steel						
	***Bare Steel^COATED		***			***	***	***	***	***	***
5	5000	02/22/75	Currently in Use	Gasoline	Steel^Unknown						
	***Unknown		***			***	***	***	***	***	***
6	5000	02/22/75	Currently in Use	Gasoline	Steel^Unknown						
	***Unknown		***			***	***	***	***	***	***

PROXIMAL SITES APPENDIX

The Proximal Sites Appendix includes mapped facilities that appear outside of the study area, but in the proximity of the research boundary. They are provided in a summary fashion to allow one to determine potential interest.

Generally, these sites may be of potential interest for three reasons:

1.) The location occurs so close to the research boundary that it merits inclusion in the evaluation.

2.) The site may be expansive with regard to the property boundary. The physical address of a landfill, for example may occur outside of the research boundary, but the landfill boundary may extend into the research area. Large industrial complexes may also fall into this category.

3.) The U.S. Census Bureau data, from which our maps are created, is not always precise with regard to address information. A facility may therefore appear on the map outside of the research area, but actually fall within the research area. These inaccuracies are typically less than 500 feet. If you observe any such inaccuracies, we ask that you please notify us of the more precise location and we will use this information to improve our product.

If more specific information relative to one or more locations included in the Proximal Sites Appendix is desired, please feel free to contact us and we will send you this information as an addendum to this report, at no additional cost.

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** ENVIRONMENTAL DATA MANAGEMENT **

ASTM STANDARD REPORT

PROXIMAL SITES APPENDIX

1/09/98 MASTER LIST

MAPID#	FACILITY ID NUMBER, NAME AND LOCATION	REGULATORY LISTS: FEDERAL: NPL	CERCLIS	NFRAP	ERNS	CORRACTS	TSD	NONTSD	FINDS	TRIS	/ STATE: HSI	SLDWST	LUST	TANKS
1A).	9044192 SHALLOWFORD COMMUNITY HOSPITAL 4575 NORTH SHALLOWFORD RD ATLANTA GA 30338										/			X
1A).	GAD787591148 SHALLOWFORD COMMUNITY HOSPITAL INC 4575 N SHALLOWFORD RD ATLANTA GA 30338								X		/			
2A).	GAD981216831 ONE HOUR MARTINIZING #2 4639-I N SHALLOWFORD RD ATLANTA GA 30338							X	X		/			
2A).	GAD981216831. FABRI KLEEN 4639 SHALLOWFORD RD (4639-I) N ATLANTA GA 30338							X			/			
3A).	GA0000963793 TUCKER CO 4119 PARSON DR+ CHAMBLEE GA 30341						X				/			

NON-MAPPED SITES APPENDIX

The Non-mapped Sites Appendix is a listing of facilities which lack sufficient address information to be placed within our mapping system.

These sites fall within three categories:

1.) Non-mapped records that contain a zipcode equal to the subject property (or any additional zipcode data you provide on the order form). Additionally, all records identified within your research boundary will be queried for alternate zipcodes, which will be added to this category.

2.) Non-mapped records that contain no zipcode information, but are listed within the same city as the subject property (or any additional cities you provide on the order form).

3.) Non-mapped records that contain no zipcode or city information, but are listed within the same county as the subject property. Adjacent county data will also be provided if the subject property is located near a county boundary.

If more specific information relative to one or more locations included in the Non-Mapped Sites Appendix is desired, please feel free to contact us and we will send you this information as an addendum to this report, at no additional cost.

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** ENVIRONMENTAL DATA MANAGEMENT **

ASTM STANDARD REPORT

NON-MAPPED SITES APPENDIX
LISTED BY ZIPCODE

1/09/98

FACILITY ID NUMBER, NAME AND LOCATION			REGULATORY LISTS: FEDERAL							/ STATE			
			NPL	CERCLIS	NFRAP	ERNS	CORRACTS	TSD	NONTSD	FINDS	TRIS	/ HSI	/ SLDWST	LUST	TANKS
---> FOR ZIPCODE 30341															
***GAD072472707 VAN WATERS & ROGERS INC 2180 IRWINDALE RD CHAMBLEE	GA 30341	>>>>>>>>								X		/			
***044-031D(L) CHAMBLEE-KESWICK DR (L) SS KESWICK DR .3 MI E JOHNSON CHAMBLEE	GA 30341	>>>>>>>>										/	X		
***GAR000008334 PETROLEUM HELICOPTERS INC 2003 UNIVERSAL DR CHAMBLEE	GA 30341	>>>>>>>>							X			/			
---> FOR ZIPCODE 30360															
***0-601115 NORTHEAST CREEK PUMPING STAT END OF NESBIT FERRY RD ON THE DUNWOODY	GA 30360	>>>>>>>>										/		X	

** ENVIRONMENTAL DATA MANAGEMENT **

ASTM STANDARD REPORT

NON-MAPPED SITES APPENDIX
LISTED BY CITY
(BLANK OR UNIDENTIFIED ZIPCODES)

1/09/98

FACILITY ID NUMBER, NAME AND LOCATION				REGULATORY LISTS: FEDERAL / STATE											
				NPL	CERCLIS	NFRAP	ERNS	CORRACTS	TSD	NONTSD	FINDS	TRIS / / / / /	HSI	SLDWST	LUST	TANKS
---> FOR THE CITY OF CHAMBLEE																
***96-1188 BEHIND DILLORD PAGER OFF BEST		CHAMBLEE	GA	>>>>>>>>			X					/				
***89-1472 SEABOARD OIL COMPANY	SEABOARD OIL COMPANY	CHAMBLEE	GA	>>>>>>>>			X					/				
---> FOR THE CITY OF DORAVILLE																
***89-3106	UNKNOWN	DORAVILLE	GA	>>>>>>>>			X					/				
***89-744	UK	DORAVILLE	GA	>>>>>>>>			X					/				
***93-3198	NORFOLK SOUTHERN RR	DORAVILLE	GA	>>>>>>>>			X					/				
***94-1221	JM	DORAVILLE	GA	>>>>>>>>			X					/				
***95-1841 1 BLOCK E OF TILLY MILL RD ON	OVERNIGHT TRANSPORT	DORAVILLE	GA	>>>>>>>>			X					/				
***89-2969 ABGLENS CORNER HAPPY STORE BUF	KEHAN TRANSPORT CO.	DORAVILLE	GA	>>>>>>>>			X					/				
***91-1432 60600 BUTTON	RYDER TRUCK CO	DORAVILLE	GA	>>>>>>>>			X					/				
***96-0401 3602 ,C C;ARE DROVE		DORAVILLE	GA	>>>>>>>>			X					/				
***97-3214 DOT 8717880R		DORAVILLE	GA	>>>>>>>>			X					/				
***88-652 EXXON STATION		DORAVILLE	GA	>>>>>>>>			X					/				
***88-1357 GENERAL MOTOR	GENERAL MOTOR	DORAVILLE	GA	>>>>>>>>			X					/				
***89-1483 GENERAL MOTORS	GENERAL MOTORS	DORAVILLE	GA	>>>>>>>>			X					/				
***89-150 GENERAL MOTORS	GENERAL MOTORS	DORAVILLE	GA	>>>>>>>>			X					/				
***88-1408 GENERAL MOTORS CPC DIVISION	GENERAL MOTORS CPC DIVISION	DORAVILLE	GA	>>>>>>>>			X					/				
***88-1700 GENERAL MOTORS CPC DORAVILLE	GENERAL MOTORS CPC DORAVILLE	DORAVILLE	GA	>>>>>>>>			X					/				
***88-611 GENERAL MOTORS CPC DORAVILLE	GENERAL MOTORS CPC DORAVILLE	DORAVILLE	GA	>>>>>>>>			X					/				
***89-2095 M.P. 624 DORAVILLE YARD	NORFOLK SOUTHERN RAILROAD	DORAVILLE	GA	>>>>>>>>			X					/				
***94-1085 MCD GENERAL MOTORS 3900 MOTORS	GENERAL MOTORS	DORAVILLE	GA	>>>>>>>>			X					/				

FACILITY ID NUMBER, NAME AND LOCATION				REGULATORY LISTS: FEDERAL					/ STATE			
				NPL	CERCLIS	NFRAP	ERNS	CORRACTS	TSD	NONTSD	FINDS	TRIS	/ HSI	/ SLDWST	/ LUST	/ TANKS
---> FOR THE CITY OF DORAVILLE																
***88-629 METALARGICAL ENGINEERS	METALARGICAL ENGINEERS	DORAVILLE	GA	>>>>>>>>			X						/			
***94-3445 MILE POST 623	NORFOLK SOUTHERN	DORAVILLE	GA	>>>>>>>>			X						/			
***95-0600 MILE POST 623.6	NORFOLK SOUTHERN STREET UNKNOWN	DORAVILLE	GA	>>>>>>>>			X						/			
***88-1161 MULTI-CHEM. INC.	MULTI-CHEM. INC.	DORAVILLE	GA	>>>>>>>>			X						/			
***89-2291 PROPANE GAS REPLENISHMENT		DORAVILLE	GA	>>>>>>>>			X						/			
***91-0960 RAILYARD	NORFOLK SOUTHERN RAILROAD	DORAVILLE	GA	>>>>>>>>			X						/			
***95-0067 STRONG KEROSENE ODOR IN 3 SQ M		DORAVILLE	GA	>>>>>>>>			X						/			
***88-1614 WEATHERKING SOUTH, INC.	WEATHERKING SOUTH, INC.	DORAVILLE	GA	>>>>>>>>			X						/			
---> FOR THE CITY OF DUNWOODY																
***95-1559		DUNWOODY	GA	>>>>>>>>			X						/			
***94-4179 TRAIL RIDGE CT	COLONIAL PIPELINE	DUNWOODY	GA	>>>>>>>>			X						/			

** ENVIRONMENTAL DATA MANAGEMENT **

ASTM STANDARD REPORT

NON-MAPPED SITES APPENDIX
LISTED BY COUNTY
(BLANK OR UNIDENTIFIED ZIPCODES AND CITY)

FACILITY ID NUMBER, NAME AND LOCATION			REGULATORY LISTS: FEDERAL						/ STATE			
			NPL	CERCLIS	NFRAP	ERNS	CORRACTS	TSD	NONTSD	FINDS	TRIS	/ HSI	SLDWST	LUST	TANKS
---> FOR THE COUNTY OF															
***0054007		GA		>>>>>>>>							/				X
***1		GA		>>>>>>>>							/				X
***1550191	NO FACILITY NAME GIVEN	GA		>>>>>>>>							/				X
***6590062		GA		>>>>>>>>							/				X
***89-2394	UNREPORTED.	GA		>>>>>>>>		X					/				
***89-2592	CONSTRUCTION SITE-WOODSTOCK UNREPORTED.	GA		>>>>>>>>		X					/				
***9008078		GA		>>>>>>>>							/				X
***9011139	UNKNOWN SITE	GA		>>>>>>>>							/				X
***9023044		GA		>>>>>>>>							/				X
***9061028		GA		>>>>>>>>							/				X
***9069149		GA		>>>>>>>>							/				X
***91-2339	T & R EQUIPMENT UNREPORTED.	GA		>>>>>>>>		X					/				
***9102035		GA		>>>>>>>>							/				X
***9127024	UNKNOWN	GA		>>>>>>>>							/				X
***9138051		GA		>>>>>>>>							/				X
***95-0963		GA		>>>>>>>>		X					/				
***95-1510	JOHN SMITH USED TRUCKS	GA		>>>>>>>>		X					/				
***95-1511	COLEMAN JUNK YARD	GA		>>>>>>>>		X					/				
***95-3567		GA		>>>>>>>>		X					/				
***96-0903	QUALITY BEFORE QUANTITY	GA		>>>>>>>>		X					/				
***96-0906		GA		>>>>>>>>		X					/				

FACILITY ID NUMBER, NAME AND LOCATION			REGULATORY LISTS: FEDERAL							/ STATE			
			NPL	CERCLIS	NFRAP	ERNS	CORRACTS	TSD	NONTSD	FINDS	TRIS	/ HSI	/ SLDWST	/ LUST	TANKS
---> FOR THE COUNTY OF															
***96-1182	SADIE G. MAYE NURSING HOME	GA >>>>>>>>				X					/				
***96-1503	BODE COMPONENTS	GA >>>>>>>>				X					/				
***96-1583		GA >>>>>>>>				X					/				
***96-2553	AMERCORD TIRE	GA >>>>>>>>				X					/				
***96-2828	BALDWIN PAVING (DOING BUSINE	GA >>>>>>>>				X					/				
***96-2856	WOODBRIDGE CORP.	GA >>>>>>>>				X					/				
***96-2857		GA >>>>>>>>				X					/				
***96-2860	TEXTILE FOUNDARIES WELDING I	GA >>>>>>>>				X					/				
***97-1194		GA >>>>>>>>				X					/				
***97-1303		GA >>>>>>>>				X					/				
***97-1322	DOYSTER TYLER	GA >>>>>>>>				X					/				
***97-1559	SUPER ONE, INC.	GA >>>>>>>>				X					/				
***97-3055	ZARTIC FOODS	GA >>>>>>>>				X					/				
***GA0000215558 0	RAINBOW POOL & PATIO	GA >>>>>>>>								X	/				
***96-2803 33 RESTY HUGHES CIRCLE		GA >>>>>>>>				X					/				
***96-1180 ACCROSS ST. OFF ALLGOOD ROAD	SOUTHEASTERN RECYCLERS	GA >>>>>>>>				X					/				
***97-1217 BRIDGE WHERE GA 400 CROSSES CH	DEMALOS & SON INC.	GA >>>>>>>>				X					/				
***93-0698 CHATTAHOOCHEE RIVER AT HENSHOE		GA >>>>>>>>				X					/				
***88-1383 CSX YARD	CSX YARD FOWLER JUNCTIO	GA >>>>>>>>				X					/				
***97-1898 GLENELLEN ROAD AND LONGISLAND		GA >>>>>>>>				X					/				
***88-957 HEAD OF CHATOOGA RIVER 15	REGAL MANUFACTURING COMPANY UNREPORTED.	GA >>>>>>>>				X					/				

** ENVIRONMENTAL DATA MANAGEMENT **

ASTM STANDARD REPORT

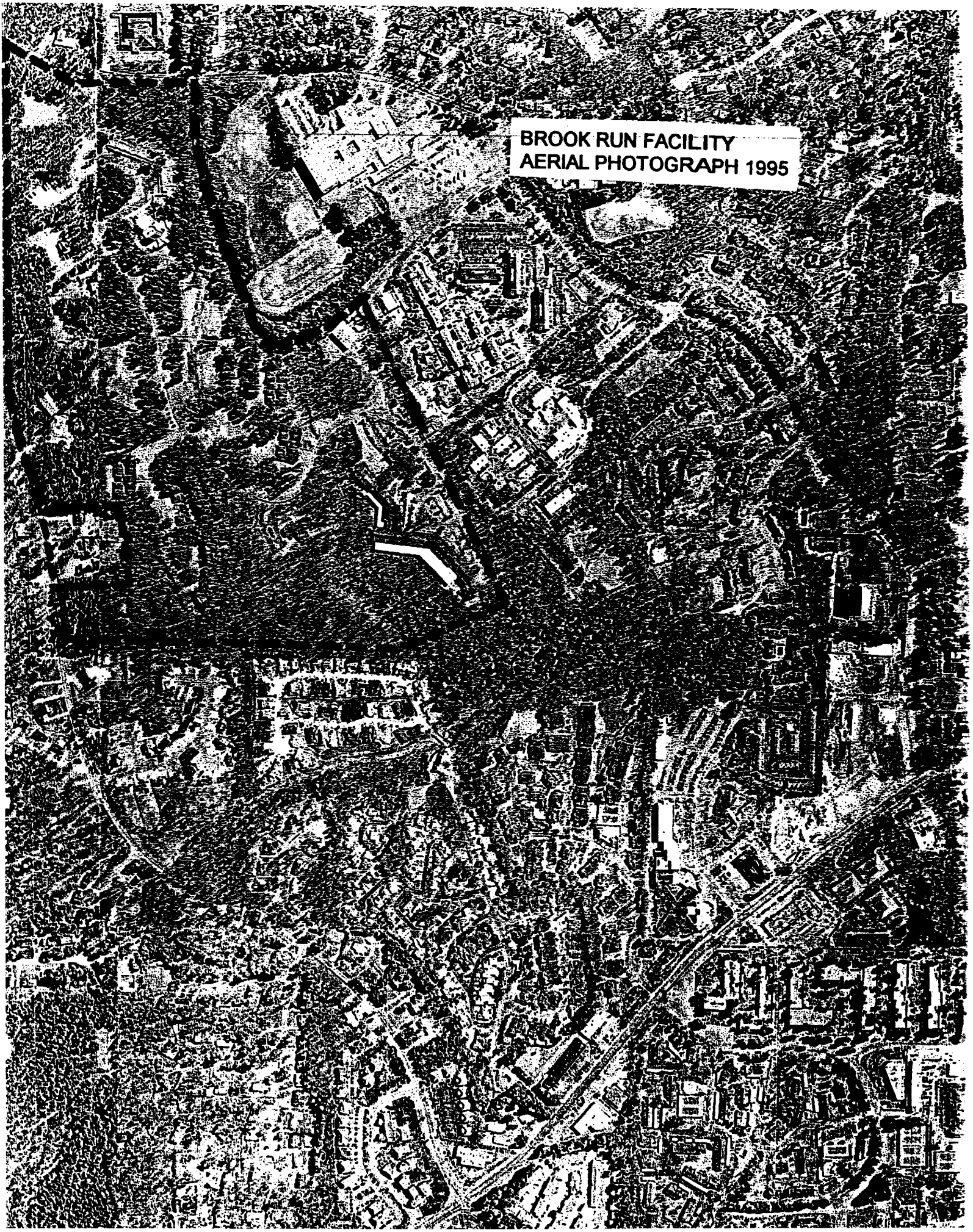
NON-MAPPED SITES APPENDIX
LISTED BY COUNTY
1/09/98 (BLANK OR UNIDENTIFIED ZIPCODES AND CITY)

FACILITY ID NUMBER, NAME AND LOCATION			REGULATORY LISTS: FEDERAL							/ STATE			
			NPL	CERCLIS	NFRAP	ERNS	CORRACTS	TSD	NONTSD	FINDS	TRIS	/ HSI	SLDWST	LUST	TANKS
---> FOR THE COUNTY OF															
***93-2460 HWY 155 AT BOTTOM OF EMBANKMEN		GA				X					/				
***89-3117 JR GLADE RD (COUNTY RD) BETWEE	UNREPORTED.	GA				X					/				
***89-2967 LAKE OLIVER BELOW GOAT ROCK DA	UNKNOWN UNREPORTED.	GA				X					/				
***GA0000227918 MANTSUMA BLDG. NO. 5-6-1	S. MANTSUMA & CO LTD TAITO-KU TOKYO	GA								X	/				
***GA0001929496 MOBILE UNIT 1	VULCAN MATERIALS CO STATEWIDE.	GA								X	/				
***GA0001988785 MOBILE UNIT 1	METRO MATERIALS STATEWIDE.	GA								X	/				
***GA0001988773 MOBILE UNIT 1	MARTIN MARIETTA AGGREGATES STATEWIDE.	GA								X	/				
***GA0001988799 MOBILE UNIT 1	HUBER J M TARSUM STATEWIDE.	GA								X	/				
***GA0001988807 MOBILE UNIT 1	MATTHEWS C N CONTRACTING CO STATEWIDE.	GA								X	/				
***GA0001988823 MOBILE UNIT 1	CSR-AMERICAN AGGREGATES CORP STATEWIDE.	GA								X	/				
***GA0001929504 MOBILE UNIT 2	VULCAN MATERIALS CO STATEWIDE.	GA								X	/				
***GA0001929512 MOBILE UNIT 3	VULCAN MATERIALS CO STATEWIDE.	GA								X	/				
***GA0001988781 MOBILE UNIT 4	VULCAN MATERIALS CO STATEWIDE.	GA								X	/				
***GA0000227892 OLD MILL SITE	SAMACHSEN CAMELANDS 4341	GA								X	/				
***GA0000270751 PO BOX 000	PARK CHEMICAL CO., INC SOMEWHERE.	GA								X	/				
***GA0000227868 PO BOX 180	BROMIDE COMPOUNDS LTD BEER-SHEVA 841	GA								X	/				
***GA0000294983 PO BOX 60	MAKHTESHIM CHEMICAL WORKS BEER-SHEVA ISR	GA								X	/				
***88-832 POWER PLANT	GEORGIA POWER COMPANY UNREPORTED.	GA				X					/				
***95-0402 RUSSELL DAM	ARMY CORP OFN ENGR	GA				X					/				
***89-720 SAFFOLD GEORGIA	SAFFOLD.	GA				X					/				
***0460029 US HWY 41 DEFINE UST LOCATION	DENNARD SVC STA	GA									/				X

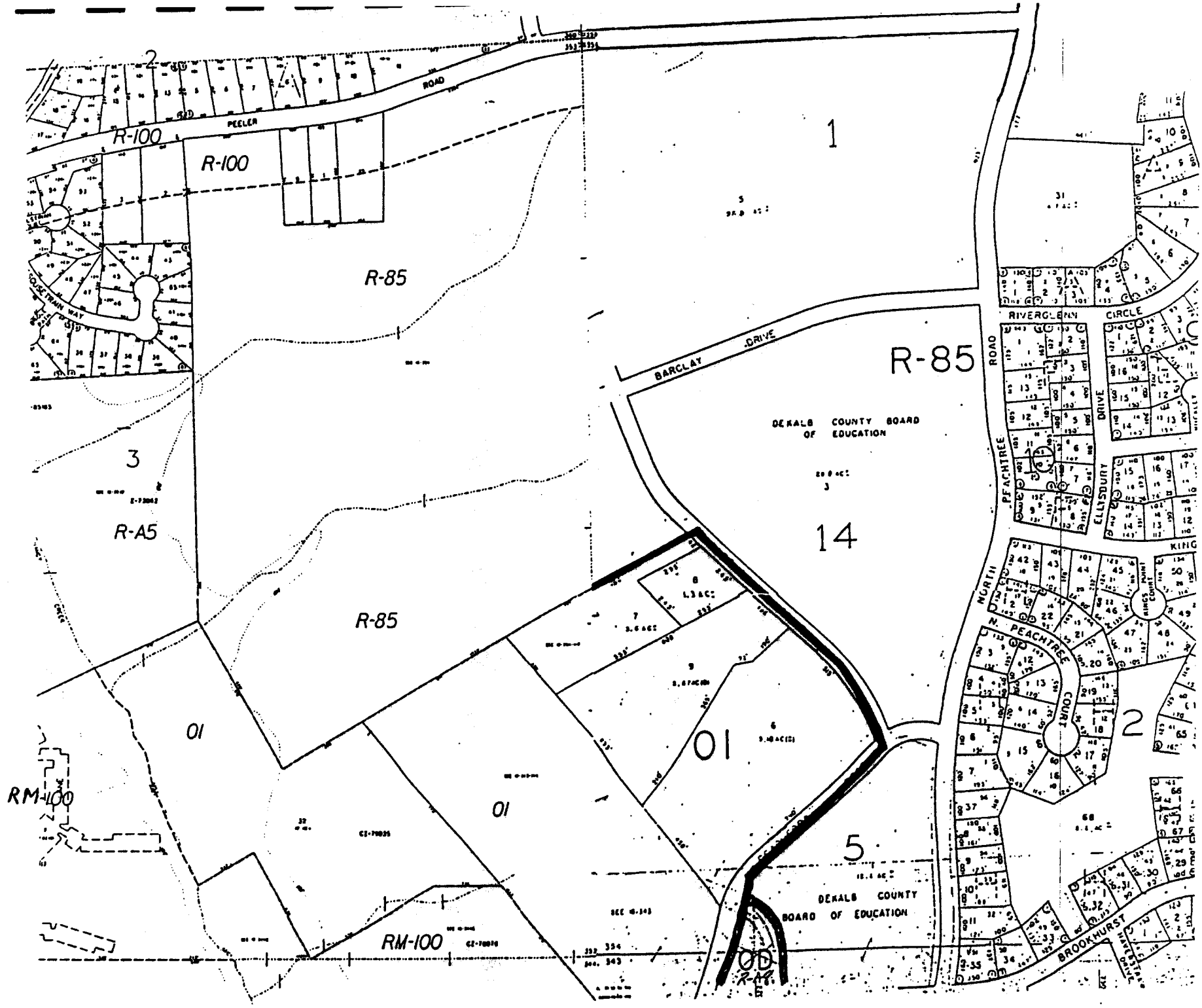
FACILITY ID NUMBER, NAME AND LOCATION			REGULATORY LISTS: FEDERAL						/ STATE			
			NPL	CERCLIS	NFRAP	ERNS	CORRACTS	TSD	NONTSD	FINDS	TRIS	/ HSI	SLDWST	LUST	TANKS
---> FOR THE COUNTY OF															
***GA0000297465 IPI CI IND PRODUCT CHIMICI S VIA FRATELLI BETRAMI, 11	NOVATE MILANES	GA	>>>>>>>>							X		/			
***GA0000227900 VISCHIM S.R.L. VIA PRIVATE VESTO, 3	MILAN ITALY.	GA	>>>>>>>>							X		/			
---> FOR THE COUNTY OF DEKALB															
***88-1616 GENERAL MOTORS	UNREPORTED.	GA	>>>>>>>>			X						/			
***88-735 UNKNOWN	UNREPORTED.	GA	>>>>>>>>			X						/			
***88-1375 LIGHTNING OIL LIGHTNING OIL	UNREPORTED.	GA	>>>>>>>>			X						/			
***89-2695 UNKNOWN PASOLA ROAD AND STATE ROUTE 15	UNREPORTED.	GA	>>>>>>>>			X						/			
***89-3084 MESS SERVICE STATION XXX	UNREPORTED.	GA	>>>>>>>>			X						/			
---> FOR THE COUNTY OF FULTON/DE KALB															
***89-3085 ADAMS GRADING AND CONTRACTIN OLD GREY STONE DRIVE AND STEPH	NOT REPORTED.	GA	>>>>>>>>			X						/			

APPENDIX III

AERIAL PHOTOGRAPHS
ZONING MAPS
DEED RECORDS


BROOK RUN FACILITY
AERIAL PHOTOGRAPH 1995


BROOK RUN FACILITY
AERIAL PHOTOGRAPH 1977


R-100
PEELER
ROAD
R-100
R-85
COLSE TRAIN WAY
3
R-A5
R-85
01
RM-100
01
RM-100
1
R-85
BARCLAY
DRIVE
DEKALB COUNTY BOARD OF EDUCATION
14
RIVERGLENN
CIRCLE
PEACHTREE
ROAD
DRIVE
ELLISBURY
NORTH
N. PEACHTREE
COURT
2
01
5
DEKALB COUNTY BOARD OF EDUCATION
BROOKHURST

Form G-7—Rev. 10-61

QUITCLAIM DEED

BOOK 1840 PAGE 300

STATE OF GEORGIA

COUNTY OF FULTON

THIS INDENTURE, made the 20th day of December in the year one thousand nine hundred and sixty-three, between

EDWARDS ENGINEERING CORPORATION OF GEORGIA

of the County of Fulton, and State of Georgia, as party or parties of the first part, hereinafter called Grantor, and

COUSINS PROPERTIES INCORPORATED

of the County of New Castle, and State of Delaware, as party or parties of the second part, hereinafter called Grantee (the words "Grantor" and "Grantee" to include their respective heirs, successors and assigns where the context requires or permits).

WITNESSETH that Grantor, for and in consideration of the sum of one dollar ($1.00) and other valuable considerations in hand paid at and before the sealing and delivery of these presents, the receipt whereof is hereby acknowledged, by these presents does hereby remise, convey and forever QUITCLAIM unto the said Grantee all that tract or parcel of land lying and being in Land Lots 353 and 354 of the 18th District of DeKalb County, Georgia, and being more particularly described as follows:

BEGINNING at the intersection of the northwestern side of North Peachtree Road with the southern side of Peeler Road; running thence westerly along the southern side of Peeler Road, a distance of 3133.39 feet to the northeast corner of the property shown on the Plat, to which refernce is made hereinafter, as owned by Smith; thence south 1 degree 29 minutes 15 seconds east along said Smith's line, 380.01 feet to an axle; thence south 0 degrees 53 minutes 35 seconds west along the line of Bickers 459.63 feet to an iron pin; thence south 0 degrees 30 minutes 27 seconds east along the line of Lovell, a distance of 504.89 feet to an iron pin; thence south 1 degree 03 minutes 51 seconds west along the line of Donaldson, 205.76 feet to a flanged steel rod; thence south 0 degrees 45 minutes 50 seconds east along the line of Donaldson, 201.37 feet to a point; thence south 29 degrees 41 minutes 24 seconds east, 620.40 feet to corner; thence north 60 degrees 18 minutes 36 seconds east 1773.58 feet to a point in the center line of Barclay Drive, as shown on a Plat made by Watts & Browning, Engineers on February 6, 1963; thence north 46 degrees 16 minutes 54 seconds west along the center line of said Drive, 18.39 feet; thence continuing along the center line of said Drive and following the curvature thereof, 250.22 feet; thence north 20 degrees 15 minutes 34 seconds west a distance of 244.37 feet to a point at the corner in the center line of Woodmont Drive, as shown on said Watts & Browning Plat, dated February 6, 1963; thence north 69 degrees 46 minutes 16 seconds east along the center line of said Woodmont Drive a distance of 724.50 feet to a point; thence continuing along the center line of Woodmont Drive in a northeasterly direction and following the curvature thereof, 166.75 feet to a corner; thence leaving the center line of said Drive on a bearing of south 58 degrees 02 minutes 58 seconds east a distance of 190.70 feet to a corner; thence north 53 degrees 27 minutes 08 seconds east 99.96 feet; thence north 88 degrees 26 minutes 44 seconds, east 259.71 feet to the west side of North Peachtree Road; thence in a northerly and northeasterly direction along the western and northwestern side of North Peachtree Road a distance of 923.10 feet to the point of beginning, as more fully shown on Plat of survey of this property made by Davis & Venable, Engineers & Surveyors, dated December 17, 1963; EXCEPTING from the above described property the following tract:

All that tract or parcel of land lying and being in Land Lot 353 of the 18th District of DeKalb County, Georgia, and more particularly described as follows:

BEGINNING on the south side of Peeler Road, 363.6 feet east from the west line of the tract now conveyed to Chamblee Acres, Inc., by Miss Nancy Reeves by deed dated February 23, 1949 and recorded in Deed Book 762, Page 15, DeKalb County Records, and from said point of beginning running thence easterly along the south side of Peeler Road, 380 feet; thence south 395 feet; thence west at right angles to the preceding line, 363.5 feet; thence north 343 feet to the point of beginning.

This Deed is executed and delivered for the purpose of releasing the above described property from the lien of the debt evidenced by Security Deed from Cousins Properties Incorporated to Edwards Engineering Corporation of Georgia, dated August 30, 1962 and recorded in Deed Book 1695, Page 483, DeKalb County Records, securing the original principal sum of $1,849,000.00; transferred to The Bank of Georgia by transfer dated December 6, 1962 and recorded in Deed Book 1721, Page 332, aforesaid records.

COUSINS PROPERTIES INCORPORATED,
a Corporation Delaware
of the County of New Castle , and State of [illegible], as party or parties of the first part, hereinafter called Grantor, and

STATE OF GEORGIA

as party or parties of the second part, hereinafter called Grantee (the words "Grantor" and "Grantee" to include their respective heirs, successors and assigns where the context requires or permits).

WITNESSETH that: Grantor, for and in consideration of the sum of TEN DOLLARS ($10.00) AND OTHER VALUABLE CONSIDERATIONS [illegible] in hand paid at and before the sealing and delivery of these presents, the receipt whereof is hereby acknowledged, has granted, bargained, sold, aliened, conveyed and confirmed, and by these presents does grant, bargain, sell, alien, convey and confirm unto the said Grantee,

All that tract or parcel of land lying and being in Land Lots 353 and 354 of the 18th District of DeKalb County, Georgia, and being more particularly described as follows:

BEGINNING At the intersection of the northwestern side of North Peachtree Road with the southern side of Peeler Road; running thence westerly along the southern side of Peeler Road, a distance of 3133.39 feet to the northeast corner of the property shown on the Plat, to which reference is made hereinafter, as owned by Smith; thence south 1 degree 29 minutes 15 seconds east along said Smith's line, 380.01 feet to an axle; thence south 0 degrees 53 minutes 35 seconds west along the line of Bickers 459.63 feet to an iron pin; thence south 0 degrees 30 minutes 27 seconds east along the line of Lovell, a distance of 504.89 feet to an iron pin; thence south 1 degree 03 minutes 51 seconds west along the line of Donaldson, 205.78 feet to a flanged steel hub; thence south 0 degrees 45 minutes 50 seconds east along the line of Donaldson, 201.37 feet to a point; thence south 29 degrees 41 minutes 24 seconds east, 620.40 feet to a corner; thence north 60 degrees 18 minutes 36 seconds east 1773.58 feet to a point in the center line of Barclay Drive, as shown on a Plat made by Watts & Browning, Engineers on February 6, 1963; thence north 46 degrees 16 minutes 54 seconds west along the center line of said Drive, 48.39 feet; thence continuing along the center line of said Drive and following the curvature thereof, 260.22 feet; thence north 20 degrees 15 minutes 34 seconds west a distance of 244.37 feet to a point at the corner in the center line of Woodmont Drive, as shown on said Watts & Browning Plat, dated February 6, 1963; thence north 69 degrees 46 minutes 16 seconds east along the center line of said Woodmont Drive a distance of 724.50 feet to a point; thence continuing along the center line of Woodmont Drive in a northeasterly direction and following the curvature thereof, 166.76 feet to a corner; thence leaving the center line of said Drive on a bearing of south 58 degrees 02 minutes 58 seconds east a distance of 190.70 feet to a corner; thence north 53 degrees 27 minutes 08 seconds east 99.96 feet; thence north 88 degrees 26 minutes 44 seconds east 259.71 feet to the west side of North Peachtree Road; thence in a northerly and northeasterly direction along the western and northwestern side of North Peachtree Road a distance of 923.10 feet to the point of beginning, as more fully shown on Plat of survey of this property made by Davis Venable, Engineers & Surveyors, dated December 17, 1963; EXCEPTING from the above described property the following tract:

All that tract or parcel of land lying and being in Land Lot 353 of the 18th District of DeKalb County, Georgia, and more particularly described as follows:

BEGINNING at an iron pin on the southerly side of Peeler Road (70 foot right-of-way) 2390.41 feet westerly as measured along the southerly side of Peeler Road

d following the curvature thereof from the intersection of the southerly side Peeler Road and the west side of North Peachtree Road (70 foot right-of-way); nning thence south 1 degree, 04 minutes, 15 seconds, west 389.73 feet to a int; thence north 88 degrees, 55 minutes, 45 seconds, west 363.66 feet to a int; thence north 0 degrees, 57 minutes, 45 seconds, west 334.74 feet to the utherly side of Peeler Road; thence north 86 degrees, 20 minutes, 40 seconds st along the southerly side of Peeler Road 114.49 feet to a point; thence sterly along the southerly side of Peeler Road and following the curvature ereof 264.59 feet to the point of beginning.

is deed is made to correct the description in previous deeds between same rties dated December 20, 1963 and recorded in Deed Book 1840, Page 296, and ed dated March 4, 1964 and recorded in Deed Book 1862, Page 13, DeKalb County cords.

TO HAVE AND TO HOLD the said tract or parcel of land, with all and singular the rights, bers and appurtenances thereof, to the same being, belonging, or in anywise appertaining, to the proper use, benefit and behoof of the said Grantee forever in FEE SIMPLE.

AND THE SAID Grantor will warrant and forever defend the right and title to the above ribed property unto the said Grantee against the claims of all persons whomsoever.

IN WITNESS WHEREOF, the Grantor has signed and sealed this deed, the day and year above ten.

Signed, sealed and delivered in presence of:

Unofficial Witness

Notary Public

COUSINS PROPERTIES INCORPORATED

By: J. J. Cousins, Pres.

By:

COUSINS PROPERTIES INCORPORATED DELAWARE

COUSINS PROPERTIES INCORPORATED,
a Corporation

of the County of New Castle, Delaware, and State of [redacted], as party or parties of the first part, hereinafter called Grantor, and

STATE OF GEORGIA

as party or parties of the second part, hereinafter called Grantee (the words "Grantor" and "Grantee" to include their respective heirs, successors and assigns where the context requires or permits).

WITNESSETH that: Grantor, for and in consideration of the sum of TEN DOLLARS ($10.00) AND OTHER VALUABLE CONSIDERATIONS [redacted] in hand paid at and before the sealing and delivery of these presents, the receipt whereof is hereby acknowledged, has granted, bargained, sold, aliened, conveyed and confirmed, and by these presents does grant, bargain, sell, alien, convey and confirm unto the said Grantee,

All that tract or parcel of land lying and being in Land Lots 353 and 354 of the 18th District of DeKalb County, Georgia, and being more particularly described as follows:

BEGINNING At the intersection of the northwestern side of North Peachtree Road with the southern side of Peeler Road; running thence westerly along the southern side of Peeler Road, a distance of 3133.39 feet to the northeast corner of the property shown on the Plat, to which reference is made hereinafter, as owned by Smith; thence south 1 degree 29 minutes 15 seconds east along said Smith's line, 380.01 feet to an axle; thence south 0 degrees 53 minutes 35 seconds west along the line of Bickers 459.63 feet to an iron pin; thence south 0 degrees 30 minutes 27 seconds east along the line of Lovell, a distance of 504.89 feet to an iron pin; thence south 1 degree 03 minutes 51 seconds west along the line of Donaldson, 205.78 feet to a flanged steel hub; thence south 0 degrees 45 minutes 50 seconds east along the line of Donaldson, 201.37 feet to a point; thence south 29 degrees 41 minutes 24 seconds east, 620.40 feet to a corner; thence north 60 degrees 18 minutes 36 seconds east 1773.58 feet to a point in the center line of Barclay Drive, as shown on a Plat made by Watts & Browning, Engineers on February 6, 1963; thence north 46 degrees 16 minutes 54 seconds west along the center line of said Drive, 48.39 feet; thence continuing along the center line of said Drive and following the curvature thereof, 260.22 feet; thence north 20 degrees 15 minutes 34 seconds west a distance of 244.37 feet to a point at the corner in the center line of Woodmont Drive, as shown on said Watts & Browning Plat, dated February 6, 1963; thence north 69 degrees 46 minutes 16 seconds east along the center line of said Woodmont Drive a distance of 724.50 feet to a point; thence continuing along the center line of Woodmont Drive in a northeasterly direction and following the curvature thereof, 166.76 feet to a corner; thence leaving the center line of said Drive on a bearing of south 58 degrees 02 minutes 58 seconds east a distance of 190.70 feet to a corner; thence north 53 degrees 27 minutes 08 seconds east 99.96 feet; thence north 88 degrees 26 minutes 44 seconds east 259.71 feet to the west side of North Peachtree Road; thence in a northerly and northeasterly direction along the western and northwestern side of North Peachtree Road a distance of 923.10 feet to the point of beginning, as more fully shown on Plat of survey of this property made by Davis Venable, Engineers & Surveyors, dated December 17, 1963; EXCEPTING from the above described property the following tract:

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BEGINNING at an iron pin on the southerly side of Peeler Road (70 foot right- of way) 2390.41 feet westerly as measured along the southerly side of Peeler Road

d following the curvature thereof from the intersection of the southerly side Peeler Road and the west side of North Peachtree Road (70 foot right-of-way); nning thence south 1 degree, 04 minutes, 15 seconds, west 389.73 feet to a int; thence north 88 degrees, 55 minutes, 45 seconds, west 363.66 feet to a int; thence north 0 degrees, 57 minutes, 45 seconds, west 334.74 feet to the utherly side of Peeler Road; thence north 86 degrees, 20 minutes, 40 seconds st along the southerly side of Peeler Road 114.49 feet to a point; thence sterly along the southerly side of Peeler Road and following the curvature ereof 264.59 feet to the point of beginning.

is deed is made to correct the description in previous deeds between same rties dated December 20, 1963 and recorded in Deed Book 1840, Page 296, and ed dated March 4, 1964 and recorded in Deed Book 1862, Page 13, DeKalb County cords.

TO HAVE AND TO HOLD the said tract or parcel of land, with all and singular the rights, mbers and appurtenances thereof, to the same being, belonging, or in anywise appertaining, to the y proper use, benefit and behoof of the said Grantee forever in FEE SIMPLE.

AND THE SAID Grantor will warrant and forever defend the right and title to the above ribed property, unto the said Grantee against the claims of all persons whomsoever.

IN WITNESS WHEREOF the Grantor has signed and sealed this deed, the day and year above tten.

Signed, sealed and delivered in the presence of:

Unofficial Witness

COUSINS PROPERTIES INCORPORATED

By: J. J. Cousins, Jr.

By:

Notary Public

COUSINS PROPERTIES INCORPORATED DELAWARE

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TABLE OF CONTENTS

1.0 INTRODUCTION

Matrix Engineering Group has completed the preliminary soil and groundwater sampling and testing at the two underground storage tank facilities at the Brook Run. The objective of this study was to determine whether the subsurface soils and/or the groundwater had been contaminated due to the presence of the underground storage tank facilities located at the subject site.

The scope of this work was to collect soil and groundwater samples, if encountered, at two locations for each facility, perform soil and groundwater chemical analysis, and provide the findings and conclusions.

2.0 BACKGROUND

Two underground storage facilities are present at the subject site; one facility is located at the Transportation Building (building #13) with two underground storage tanks, and the other is located at the Power Plant (building #18), with four underground storage tanks. Mr. Garry Jackson of the State of Georgia stated that the tanks at the Power Plant were used to store diesel oil #2. They are currently empty and are not in use. The tanks at the Transportation Building were used to store gasoline; one is closed and the other has been used for the maintenance vehicles. He also stated that the tanks are scheduled to be removed by the State in the next few weeks.

In order to investigate whether soil and/or groundwater had been contaminated, a limited soil and groundwater sampling and testing was performed in conjunction with the Environmental Study – Phase I, provided in Report No. 1.

3.0 SOIL SAMPLING METHODOLOGY

Soil sampling was performed on January 24, 1998 utilizing a truck mounted mechanical drill rig equipped with 4 ¼ inch I.D. hollow-stem augers. The test locations were designated after a review of the available project drawings and a site visit in order to address each of the primary areas of concern.

The drill rig, augers, and all down-hole equipment were decontaminated using a pressure steam cleaner prior to the performance of each boring. During the performance of the soil test borings, soil samples were obtained from the decontaminated split spoon sampler in general accordance with the sampling procedures specified in ASTM D-1586. The split spoon sampler was decontaminated prior to each use by scrubbing to remove bulk solids in a bucket with laboratory soap and de-ionized water, rinsing in a second bucket containing de-ionized water, rinsing with isopropanol and finally rinsing with de-ionized water.

Four soil samples were collected from each test boring, at approximately two to three feet below the bottom of the existing tanks (approximate depth of 15 to 18 feet below the existing surface). Two borings were performed at each facility; one boring up-gradient and the other boring down-gradient of the tank's locations. A portion of each split spoon sample was placed in a laboratory glass container with a Teflon™ lid and properly preserved on ice in a cooler to less than 4°C. The soil samples were transported to Analytical Environmental Services, Inc. for processing and testing within a few hours of the sampling. See Appendix A for Chain of Custody records and a record of the soil samples that were analyzed.

The test borings were extended up to 25 feet below the existing grade. Groundwater was encountered at the time of drilling at test borings B-1 and B-2 at approximately 10 feet below the existing surface elevations. However, groundwater was not encountered at test borings B-3 and B-4.

4.0 GROUNDWATER SAMPLING METHODOLOGY

Groundwater sampling was performed on January 25, 1997 (a minimum of 24 hours after the completion of the drilling). Upon arrival to the site, it was found that test boring B-1 had caved-in at approximately six feet below the existing elevations, and therefore, groundwater sampling at this location was not feasible. Groundwater at test boring B-2 (down-gradient) was collected for chemical analysis. Prior to water sampling, groundwater measurements were taken at each of the test borings utilizing an electronic groundwater measuring tape in order to establish the static groundwater elevations. A disposable HDPE bailer was used in order to remove the static water and ensure that representative samples were obtained. The static groundwater from the test boring was initially removed by purging, utilizing a hand bailer until relatively clean groundwater entered into the hole. Clean, disposable latex gloves, and a dedicated rope was used during the performance of sampling to eliminate the possibility of contaminating the samples. Groundwater samples were then collected from the boring using clean, disposable bailers.

Ground water quality samples were immediately placed in the appropriate laboratory glass containers with Teflon™ lids and placed in a cooler and properly preserved. Chain of Custody records were generated and accompanied the samples. The sample cooler was transported to Analytical Environmental Services, Inc. for processing and testing within a few hours of the sampling. The results of the groundwater sampling along with the Chain of Custody records are presented in Appendix A.

5.0 FINDINGS

5.1 Soil Test Results

The soil samples were tested in accordance with EPD guidelines in order to determine the presence of petroleum constituents. The tests included Total Petroleum Hydrocarbon (TPH), Polynuclear Aromatic Hydrocarbon (PAH) and Benzene, Toluene, Ethel Benzene and Xylene (BTEX). These tests primarily check for gasoline, or diesel constituents within the soil matrix.

The test results revealed that petroleum constituents were below the detection level of the testing equipment, as calibrated in accordance with Georgia EPD regulations. The test results are provided in Appendix A. The test results reveal that, the subsurface soils within the investigated area are not contaminated.

5.2 Groundwater Test Results

Groundwater samples were collected from test borings B-2. The test results revealed that the petroleum constituents were below the detection limits. The test results are provided in Appendix A of this report.

6.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the findings and results of the chemical analysis that were performed on the soil and groundwater samples, we conclude that contamination of the subsurface soils did not occur.

Based on the above findings and conclusions and our understanding of the proposed construction, we recommend the following:

Removal or closure of the underground storage tanks should be performed in accordance with the Georgia Environmental Protection Division. This may include, but will not be limited to, performing sufficient soil and groundwater sampling and testing prior to the removal of the tanks, as well as verification sampling and testing after the removal of the tanks. We also recommend that a representative of the Dekalb County be present during the tank removal operation in order to ensure that all contamination that may be encountered is removed and disposed off at an approved facility. Even though the sampling and testing in this study revealed that there is no contamination, it is possible that contamination is present underneath the tanks and/or other areas that have not been tested.

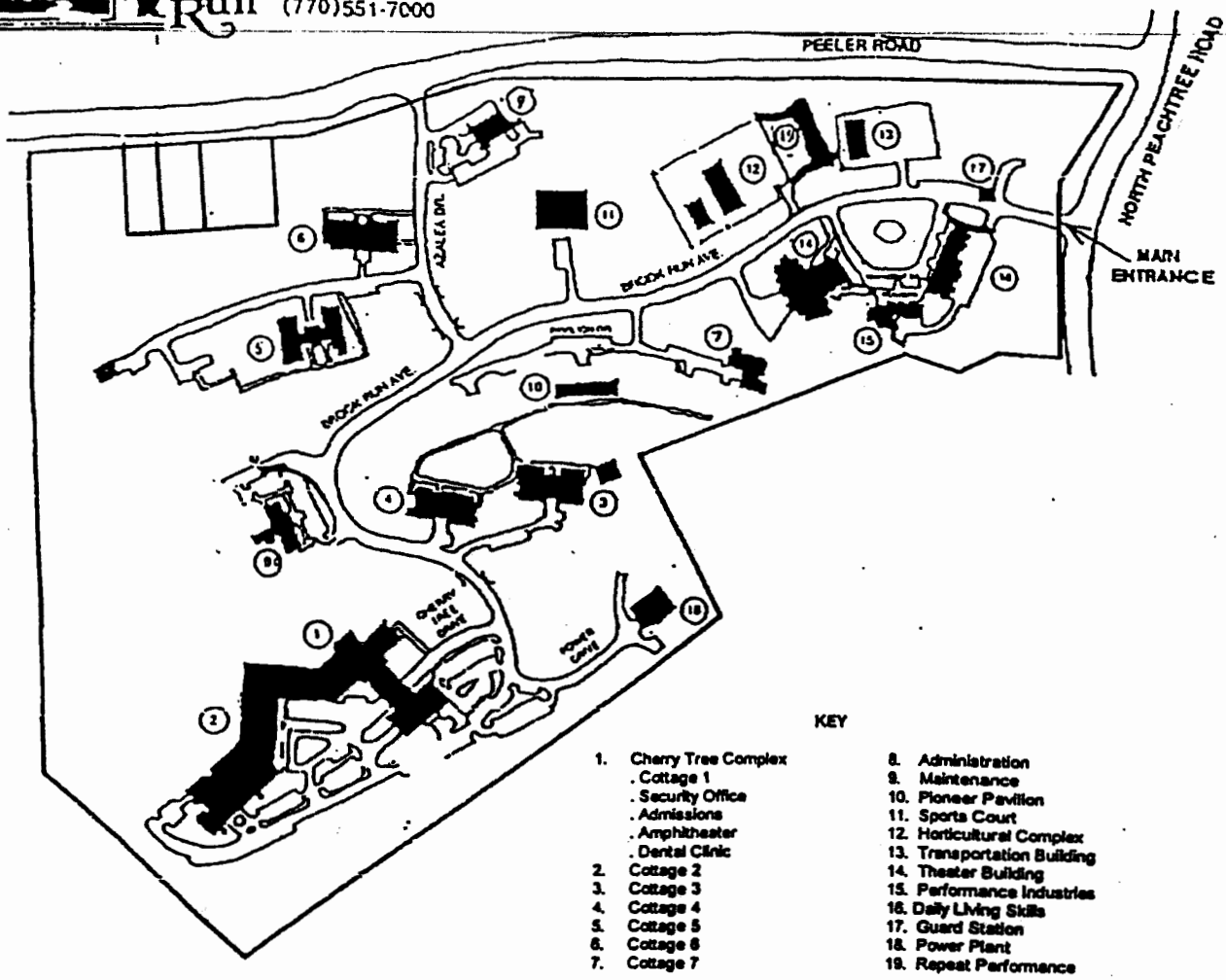
The attached documents complete this report.

APPENDIX A

SITE LOCATION & BUILDING LAYOUT
LABORATORY TEST RESULTS
CHAIN OF CUSTODY RECORDS

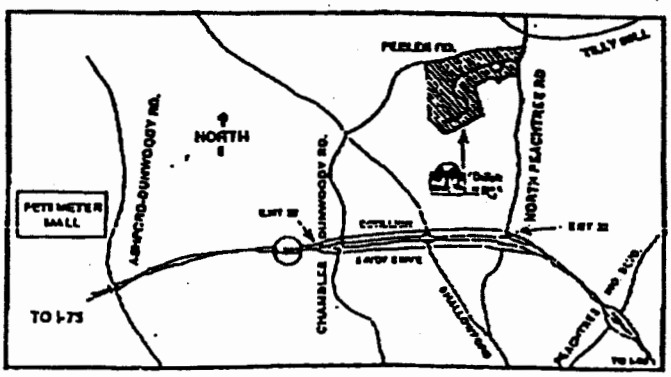
Brook Run

4770 North Peachtree Road
Dunwoody, Georgia 30338-5813
(770)551-7000



KEY

1. Cherry Tree Complex
   . Cottage 1
   . Security Office
   . Admissions
   . Amphitheater
   . Dental Clinic
2. Cottage 2
3. Cottage 3
4. Cottage 4
5. Cottage 5
6. Cottage 6
7. Cottage 7
8. Administration
9. Maintenance
10. Pioneer Pavilion
11. Sports Court
12. Horticultural Complex
13. Transportation Building
14. Theater Building
15. Performance Industries
16. Daily Living Skills
17. Guard Station
18. Power Plant
19. Repeat Performance



LOCATION MAP

MATRIX ENGINEERING GROUP ATLANTA, GEORGIA			TITLE **Site Location & Building Layout** **Brook Run Facility** **4770 North Peachtree Road** **Dunwoody, Georgia**		
CLIENT **Dekalb County Roads & Drainage, Decatur, GA**					
DRAWN -	REVIEWED SA	DATE 1/25/98	SCALE -	PROJECT NUMBER 97141.6	FIGURE 1

ANALYTICAL ENVIRONMENTAL SERVICES, INC.
3781 Presidential Parkway, Suite 111, Atlanta, GA 30340
(770) 457-8177 / Toll-Free (800) 972-4889 / fax: (770) 457-8188

CHAIN OF CUSTODY RECORD

CHEMICAL ANALYSIS

Company Name: Matrix Engineering Group
Address: 3300 Buckeye Rd, Ste 525
City, State, Zip: Atlanta, GA 30341
Contact Person: Sam Al Yateem
Sampler's Name: Kent Owens

Phone Number: 770 455 1780
Fax Number: 770 455 1769
Project Name: Brook Run
Project Number: 97141.6
Purchase Order #:

Turnaround Time Requested
- [X] Standard-3-5 Business Days (for most analyses)
- [ ] Same Day Rush
- [ ] Next Business Day Rush
- [ ] 2 Business Day Rush
- [ ] Other

Sample ID #	Sample Description/Location	Collected: Date	Time	Composite	Grab	Preservative	No. of Containers	Analysis/Method Required: TPH-DRO	BTEX	PAH	TPH-GRO	Comments/Special Instructions
B1 PS18	Sandy Soil	1-24-98	12:05		X			X	X	X		C7781-3
B2 PS 18	Sandy Soil	1-24-98	11:00		X			X	X	X		-4
B3 TB 15	SANDY Soil	1-24-98	3:54		X			[illegible]	X	X	X	-5
B4 TB 15	SANDY Soil	1-24-98	4:07		X			[illegible]	X	X	X	-6

Relinquished By: Sam Al Yateem — Date/Time: 1/24/98 4:30 PM — Received for Lab By: [signature] — Date/Time: 1/21/98 16:30
Received By: — Date/Time:
Relinquished By: — Date/Time:
Received By: — Date/Time:

Method of Shipment: (Circle One) Hand-delivered FEDEX UPS U.S.Mail
Courier Service: Other:

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

3781 Presidential Parkway, Suite 111, Atlanta, GA 30340

(770) 457-8177 / Toll-Free (800) 972-4889 / fax: (770) 457-8188

CHAIN OF CUSTODY RECORD

CHEMICAL ANALYSIS

Company Name: Matrix Engineering Group
Address: 3300 Buckeye Rd Ste 525
City, State, Zip: Atlanta GA 30341
Contact Person: Sam Algaban
Sampler's Name: K.O. / S.A.

Phone Number: 770 455 1780
Fax Number: 770 455 1769
Project Name: 9714.6 Brook Run
Project Number: 9714.6
Purchase Order #:

Turnaround Time Requested

- [x] Standard-3-5 Business Days *(for most analyses)*
- [ ] Same Day Rush
- [ ] Next Business Day Rush
- [ ] 2 Business Day Rush
- [ ] Other

Sample ID #	Sample Description/Location	Collected: Date	Collected: Time	Composite	Grab	Preservative	No. of Containers	Analysis/Method Required: PHA	Analysis/Method Required: BTEX	Comments/Special Instructions
B2-UST-GW	Groundwater/Bldg 18 UST	1/27/98	10:30		X		3	X	X	C7796-3

Relinquished By: Sola Tolulope — Date/Time: 1/27/98 1307 — Received for Lab By: [signature] — Date/Time: 1/27/98 1307

Received By: — Date/Time:

Relinquished By: — Date/Time:

Received By: — Date/Time:

Method of Shipment:

(Circle One) Hand-delivered FEDEX UPS U.S.Mail

Courier Service: Other:

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

3781 Presidential Parkway, Suite 111
Atlanta, Georgia 30340
Ph. (770) 457-8177

VOLATILE AROMATIC ORGANICS

EPA SW-846 Method 8020

Client:	Matrix Engineering Group	Date Collected:	01/27/98
Client Project Name:	Brook Run / 97141.6	Date Received:	01/27/98
Client Sample I.D.:	B2-UST-GW	Date Extracted:	01/28/98
Lab Project Number:	C7796	Date Analyzed:	01/28/98
Lab Sample I.D.:	C7796-3	Matrix:	Water

CAS No.	Compounds	Results µg/L	PQL[1] µg/L	D.F.[2]
71-43-2	Benzene	BQL	1	1
108-88-3	Toluene	BQL	1	1
100-41-4	Ethylbenzene	BQL	1	1
1330-20-7	Xylene (Total)	BQL	1	1
	System Monitoring Compounds	**% Recovery**	**QC Limits**	**Note**
	α,α,α–Trifluorotoluene	83	80-120	

[1] PQL - Practical Quantitation Limit [2] D.F. - Dilution Factor BQL - Below Quantitation Limit

APPROVED BY: _____ DATE: 1-30-98

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

3781 Presidential Parkway, Suite 111

Atlanta, Georgia 30340

Ph. (770) 457-8177

POLYNUCLEAR AROMATIC HYDROCARBONS

EPA SW-846 Method 8270

Client:	Matrix Engineering Group	Date Collected:	01/27/98
Client Project Name:	Brook Run / 97141.6	Date Received:	01/27/98
Client Sample I.D.:	B2-UST-GW	Date Extracted:	01/29/98
Lab Project Number:	C7796	Date Analyzed:	01/29/98
Lab Sample I.D.:	C7796-3	Matrix:	Water

CAS No.	Compounds	Results µg/L	PQL[1] µg/L	DF[2]
91-20-3	Naphthalene	BQL	10	1
208-96-8	Acenaphthylene	BQL	10	1
83-32-9	Acenaphthene	BQL	10	1
86-73-7	Fluorene	BQL	10	1
85-01-8	Phenanthrene	BQL	10	1
120-12-7	Anthracene	BQL	10	1
206-44-0	Fluoranthene	BQL	10	1
129-00-0	Pyrene	BQL	10	1
56-55-3	Benzo[a]anthracene	BQL	10	1
218-01-9	Chrysene	BQL	10	1
205-99-2	Benzo[b]fluoranthene	BQL	10	1
207-08-9	Benzo[k]fluoranthene	BQL	10	1
50-32-8	Benzo[a]pyrene	BQL	10	1
193-39-5	Indeno[1,2,3-cd]pyrene	BQL	10	1
53-70-3	Dibenz[a,h]anthracene	BQL	10	1
191-24-2	Benzo[g,h,i]perylene	BQL	10	1

	System Monitoring Compounds	Recovery %	QC Limits (Water)	Note
	Nitrobenzene-d5	99	35-114	
	2-Fluorobiphenyl	84	43-116	
	p-Terphenyl-d14	62	33-141	

Comments:

[1] PQL - Practical Quantitation Limit [2] D.F. - Dilution Factor BQL - Below Quantitation Limit

APPROVED BY: _____ DATE: 1-30-98

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

3781 Presidential Parkway, Suite 111
Atlanta, Georgia 30340
Ph. (770) 457-8177

VOLATILE AROMATIC ORGANICS
EPA SW-846 Method 8020

Client:	Matrix Engineering Group	Date Collected:	01/24/98
Client Project Name:	Brook Run / 97141.6	Date Received:	01/24/98
Client Sample I.D.:	B1 PS18	Date Extracted:	01/27/98
Lab Project Number:	C7781	Date Analyzed:	01/27/98
Lab Sample I.D.:	C7781-3	Matrix:	Soil

CAS No.	Compounds	Results µg/Kg	PQL[1] µg/Kg	D.F.[2]
71-43-2	Benzene	BQL	1	1
108-88-3	Toluene	BQL	1	1
100-41-4	Ethylbenzene	BQL	1	1
1330-20-7	Xylene (Total)	BQL	1	1

	System Monitoring Compounds	% Recovery	QC Limits	Note
	α,α,α–Trifluorotoluene	99	70-130	

[1] PQL - Practical Quantitation Limit [2] D.F. - Dilution Factor BQL - Below Quantitation Limit

APPROVED BY: _____ DATE: 1-29-98

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

3781 Presidential Parkway, Suite 111
Atlanta, Georgia 30340
Ph. (770) 457-8177

VOLATILE AROMATIC ORGANICS

EPA SW-846 Method 8020

Client:	Matrix Engineering Group	Date Collected:	01/24/98
Client Project Name:	Brook Run / 97141.6	Date Received:	01/24/98
Client Sample I.D.:	B2 PS18	Date Extracted:	01/27/98
Lab Project Number:	C7781	Date Analyzed:	01/27/98
Lab Sample I.D.:	C7781-4	Matrix:	Soil

CAS No.	Compounds	Results µg/Kg	PQL[1] µg/Kg	D.F.[2]
71-43-2	Benzene	BQL	1	1
108-88-3	Toluene	BQL	1	1
100-41-4	Ethylbenzene	BQL	1	1
1330-20-7	Xylene (Total)	BQL	1	1

	System Monitoring Compounds	% Recovery	QC Limits	Note
	α,α,α–Trifluorotoluene	96	70-130	

[1] PQL - Practical Quantitation Limit [2] D.F. - Dilution Factor BQL - Below Quantitation Limit

APPROVED BY: _____ DATE: 1-29-98

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

3781 Presidential Parkway, Suite 111
Atlanta, Georgia 30340
Ph. (770) 457-8177

VOLATILE AROMATIC ORGANICS

EPA SW-846 Method 8020

Client:	Matrix Engineering Group	Date Collected:	01/24/98
Client Project Name:	Brook Run / 97141.6	Date Received:	01/24/98
Client Sample I.D.:	B3 TB15	Date Extracted:	01/27/98
Lab Project Number:	C7781	Date Analyzed:	01/27/98
Lab Sample I.D.:	C7781-5	Matrix:	Soil

CAS No.	Compounds	Results µg/Kg	PQL[1] µg/Kg	D.F.[2]
71-43-2	Benzene	BQL	1	1
108-88-3	Toluene	BQL	1	1
100-41-4	Ethylbenzene	BQL	1	1
1330-20-7	Xylene (Total)	BQL	1	1

	System Monitoring Compounds	% Recovery	QC Limits	Note
	α,α,α–Trifluorotoluene	99	70-130	

[1] PQL - Practical Quantitation Limit [2] D.F. - Dilution Factor BQL - Below Quantitation Limit

APPROVED BY: _____ DATE: 1-29-98

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

3781 Presidential Parkway, Suite 111
Atlanta, Georgia 30340
Ph. (770) 457-8177

VOLATILE AROMATIC ORGANICS

EPA SW-846 Method 8020

Client:	Matrix Engineering Group	Date Collected:	01/24/98
Client Project Name:	Brook Run / 97141.6	Date Received:	01/24/98
Client Sample I.D.:	B4 TB15	Date Extracted:	01/27/98
Lab Project Number:	C7781	Date Analyzed:	01/27/98
Lab Sample I.D.:	C7781-6	Matrix:	Soil

CAS No.	Compounds	Results µg/Kg	PQL[1] µg/Kg	D.F.[2]
71-43-2	Benzene	BQL	1	1
108-88-3	Toluene	BQL	1	1
100-41-4	Ethylbenzene	BQL	1	1
1330-20-7	Xylene (Total)	BQL	1	1

	System Monitoring Compounds	% Recovery	QC Limits	Note
	α,α,α–Trifluorotoluene	107	70-130	

[1] PQL - Practical Quantitation Limit [2] D.F. - Dilution Factor BQL - Below Quantitation Limit

APPROVED BY: _____ DATE: 1-29-98

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

3781 Presidential Parkway, Suite 111
Atlanta, Georgia 30340
Ph. (770) 457-8177

GASOLINE RANGE ORGANICS

EPA SW-846 Method 8015 Modified

Client:	Matrix Engineering Group	Date Collected:	01/24/98
Client Project Name:	Brook Run / 97141.6	Date Received:	01/24/98
Lab Project Number:	C7781	Date Extracted:	01/27/98
Matrix:	Soil	Date Analyzed:	01/27/98

Client Sample ID	Lab Sample ID	Results mg/Kg	PQL[1] mg/Kg	DF[2]	%R QC Limits[3] (50-150%)
B3 TB 15	C7781-5	BQL	0.5	1	99
B4 TB 15	C7781-6	BQL	0.5	1	107

Comments:

[1] PQL - Practical Quantitation Limit [2] DF - Dilution Factor [3] %Recovery of surrogate compound a,a,a-TFT BQL - Below Quantitation Limit

APPROVED BY: _____ DATE: 1-29-98

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

3781 Presidential Parkway, Suite 111
Atlanta, Georgia 30340
Ph. (770) 457-8177

DIESEL RANGE ORGANICS

EPA SW-846 Method 8015 Modified

Client:	Matrix Engineering Group	Date Collected:	01/24/98
Client Project Name:	Brook Run / 97141.6	Date Received:	01/24/98
Lab Project Number:	C7781	Date Extracted:	01/27/98
Matrix:	Soil	Date Analyzed:	01/27/98

Client Sample ID	Lab Sample ID	Results mg/Kg	PQL[1] mg/Kg	DF[2]	%R QC Limits[3] (50-150%)
B1 PS 18	C7781-3	BQL	6.7	1	106
B2 PS 18	C7781-4	BQL	6.7	1	132

[1] PQL - Practical Quantitation Limit [2] DF - Dilution Factor [3] %Recovery of surrogate compound n-Pentacosane BQL - Below Quantitation Limit

APPROVED BY: _____ DATE: 1-29-98

TABLE OF CONTENTS

1.0 INTRODUCTION

Matrix Engineering Group performed limited asbestos sampling as part of the Environmental Screening Assessment conducted at the Brook Run Facility, 4770 North Peachtree Road, Dekalb County, Georgia. The Brook Run Facility consists of 21 Structures, and 17 of them were constructed between 1966 and 1968. The other four were reportedly constructed in the 1980's. The following report summarizes the results of the limited inspection, which was performed on January 26, 1998.

Suspect materials were identified during the walkthrough inspection as part of the Environmental Study. Suspect materials at this facility include, but are not limited to, resilient floor tiles and associated mastic, ceiling tiles, pipe insulation (observed in mechanical buildings),drywall, drywall joint compound, plaster, roofing materials (felts, flashing), acoustical plaster, asbestos cement products, asbestos siding shingles, electrical conduits, clapboard, thermal system insulation, and miscellaneous materials.

2.0 SAMPLING METHODOLOGY

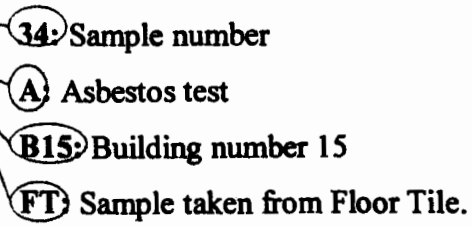
Both EPA and OSHA define asbestos-containing materials to be materials which contain greater than 1% asbestos. A total of 38 bulk samples were collected and analyzed as part of this limited sampling.

A walkthrough inspection of the facility appeared to confirm verbal reports that the building owner had previously abated certain amounts of asbestos-containing materials from exposed areas and mechanical rooms. No suspect surfacing or thermal system insulation was observed during the walkthrough. The walkthrough inspection and sampling was performed in the accessible areas of the buildings. No inspection was made inside chases, above ceilings, under floors or in other inaccessible locations.

Bulk Samples were collected and transported to the analytical laboratory with a chain-of-custody form, which was completed at each transfer. The AES laboratory in Atlanta, Georgia analyzed the samples by polarized light microscopy, following the United States Environmental Protection Agency Interim Method for the Determination of Asbestos in Bulk Insulation Samples, EPA-600/R-93/116. The sample type, location, and date were recorded on the Chain of Custody record, copies of which are presented in Appendix A of this report. The test samples were labeled in a manner that includes the building number, the type of test performed, and the type of material sampled. The following sample number is used to provide the reader with a quick reference:

The following sample number designation is used to provide the reader with a quick reference:

Sample No. 34 A - B15 - FT:



The building numbers are provided in Figure 1 in the Appendix of this report. Additional sample descriptions are provided in the Chain of Custody records. The following sample designations were used:

DP: Door Paint	PI: Pipe Insulation	CT: Ceiling Tile
TI: Tank Insulation	FT: Floor Carpet	GP: Gypsum material
WP: Wall Paint	DI: Duct Insulation	CK: Caulking material
RS: Roof Shingles	RF: Roof Felt	HI: Heating Insulation
WG: Wall Gypsum	AR: Asphalt Shingles	

3.0 PERTINENT REGULATIONS:

To date, two federal agencies have been responsible for generating most of the regulations for asbestos control. These two agencies are the U. S. Environmental Protection Agency (EPA) and the Occupational Safety and Health Administration (OSHA).

Other federal agencies promulgating asbestos regulations include the Department of Transportation, regarding transport of asbestos, and Consumer Product Safety Commission, responsible for banning some asbestos products.

Those regulations which specifically apply to this facility, and the inspection, management and proper handling of asbestos-containing materials at Brook Run, include the following:

- OSHA Asbestos Standards
- EPA National Emission Standards for Hazardous Air Pollutants (NESHAPS)
- Asbestos Hazard Emergency Response Act (AHERA) and ASHARA amendment to AHERA

OSHA published revised asbestos standards in the August 12, 1994 Federal Register, and three standards were issued:

1) 29 CFR 1926.1101 for the construction industry, replacing 1926.58,
2) 29 CFR 1910.1001 covering general industry,
3) 29 CFR 1915.1001 covering shipyard workers.

The Brook Run Facilities are covered under both 1910.1001 and 1926.1101. The construction standard changed substantially in the 1995 revised standard, and establishes four classes of asbestos work, ranging from remediation to general maintenance and housekeeping activities. Specific engineering controls and work practices have been established for each category of asbestos work.

Of particular interest to Brook Run, the new OSHA standard requires that certain materials be presumed to be asbestos-containing unless sampling, by an accredited inspector following AHERA protocol, proves otherwise. In summary, all thermal system insulation and surfacing materials in buildings constructed no later than 1980 must be presumed to be asbestos-containing. All floor coverings installed no later than 1980, as well as several miscellaneous suspect materials, must also be presumed to be asbestos-containing until proven otherwise. The inspection and sampling conducted as part of the Brook Run Assessment does not satisfy the requirements for sampling as required by this standard.

EPA NESHAPS, as revised on November 20, 1990, requires that buildings be inspected for asbestos prior to renovations or demolitions. Notifications of activity must be made 10 days in advance of any work that may disturb asbestos-containing materials, or prior to any demolition. The requirement for maintaining abated material wet, container labeling and waste shipment records during abatement activities are covered under this regulation. The ASHARA amendment to AHERA requires that any inspection for asbestos be performed by an AHERA accredited inspector.

The AHERA regulation (40 CFR 763) was originally promulgated to regulate asbestos activities in school buildings. The inspection and sampling protocols detailed in this regulation have been referenced in the OSHA Standard as the only acceptable method for determining whether a material is non-asbestos containing. Though the AHERA regulation applies to schools, the inspection and sampling protocols must be utilized at Brook Run in order to comply with OSHA.

The State of Georgia, Department of Natural Resources, Environmental Protection Division is responsible for enforcing EPA NESHAPS regulations, and also has specific licensing requirements for those conducting asbestos abatement of regulated asbestos-containing materials (RACM), as defined by NESHAPS. Georgia does not regulate non-friable materials. They do not regulate the conduct of asbestos inspections, have specific requirements for asbestos inspections, or require specific certifications or licensing for asbestos inspectors.

4.0 ANALYTCAL TEST RESULTS

The analytical test results showed that the Asbestos presence for all the samples were below the detection levels, except for the following samples:

Sample Number	Location	Material Description Type and Percent Asbestos	
34A-B15-FT	Building 15/left entrance	Floor Tile	< 1% Chrysotile
34A-B15-FT	Building 15/left entrance	Glue	1%-2% Chrysotile
35A-B15-CT	Building 15/right wing	Ceiling Tile	1%-2% Amosite
37A-B16-CT	Building 16/hallway	Ceiling Tile	3% Amosite

5.0 CONCLUSIONS AND RECOMMENDATIONS

The limited inspection and sampling has revealed the presence of asbestos-containing materials, which include floor tiles, mastic and ceiling tiles. Other materials may be present. In addition, design drawings prepared by Jones and Associates, dated 1966, were reviewed and indicate that asbestos-containing materials were specified in several buildings, including the Power Plant, Administration Building, Cottages, Theater, and therapy unit (Cherry Tree Building). Asbestos board for facias and soffits were specified. Confirmatory sampling was not conducted due to lack of accessibility.

Though renovations have occurred within recent years, there was no documentation available regarding asbestos abatement. Without specific documentation, materials are considered to be suspect-asbestos containing until sampling proves otherwise. Compliance with OSHA and NESHAPS requires that materials be assumed to contain asbestos until AHERA level inspections and sampling prove otherwise. Any repair, renovation or demolition work must comply with these regulations. The initial step toward compliance would include an AHERA level survey of each building to specifically identify what is and is not asbestos-containing.

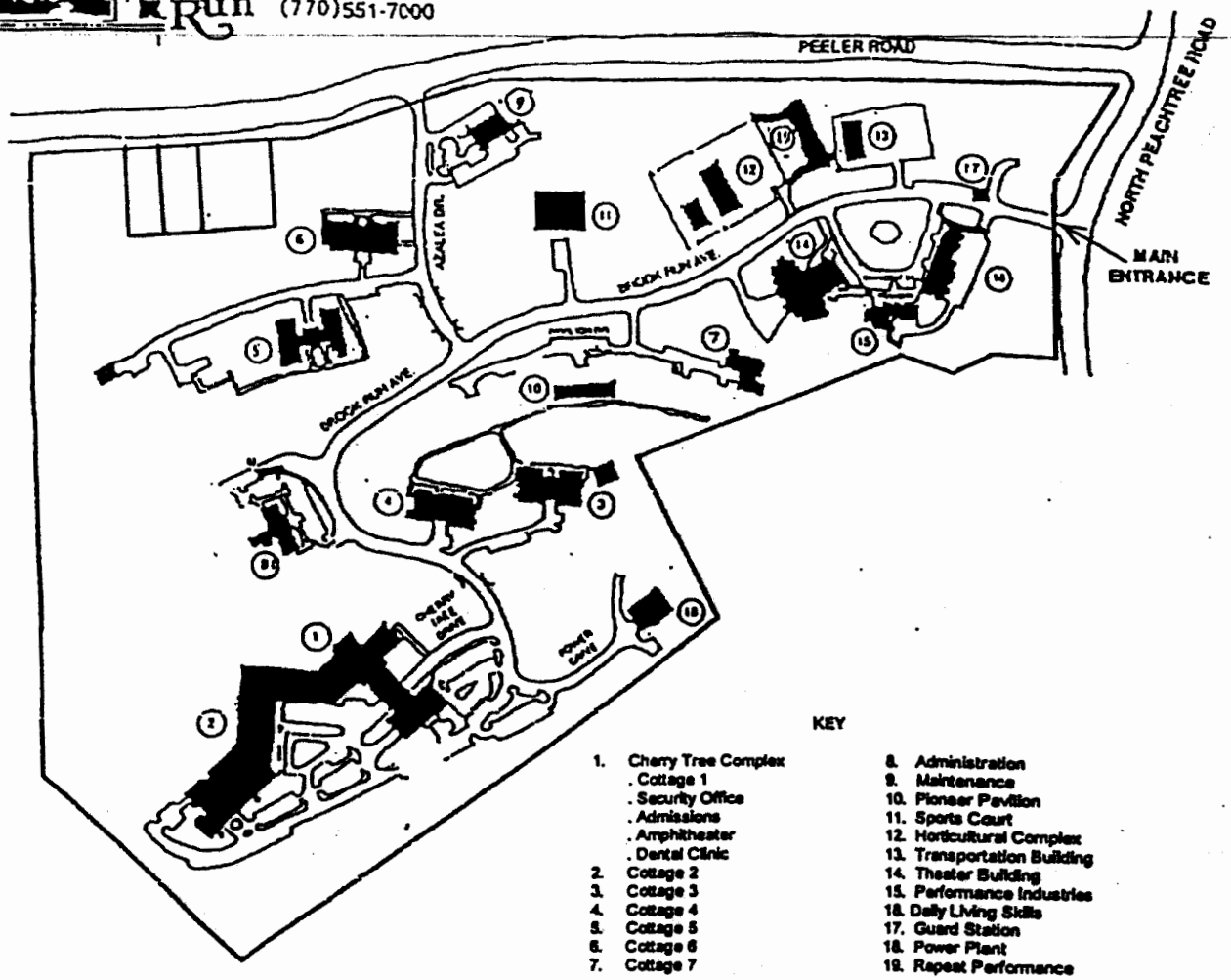
The attached documents complete this report.

APPENDIX A

SITE LOCATION & BUILDING LAYOUT
LABORATORY TEST RESULTS
CHAIN OF CUSTODY RECORDS

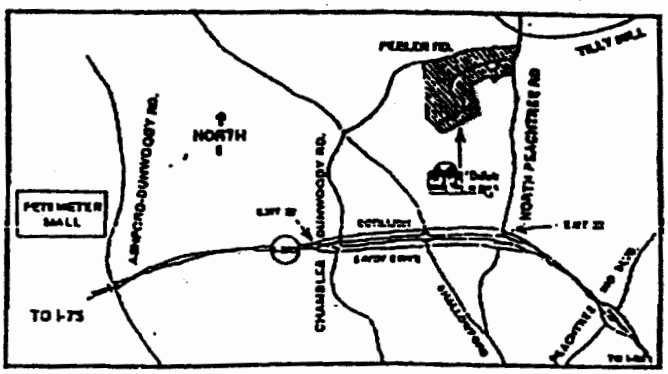
Brook Run

4770 North Peachtree Road
Dunwoody, Georgia. 30338-5813
(770)551-7000



KEY

1. Cherry Tree Complex
   . Cottage 1
   . Security Office
   . Admissions
   . Amphitheater
   . Dental Clinic
2. Cottage 2
3. Cottage 3
4. Cottage 4
5. Cottage 5
6. Cottage 6
7. Cottage 7
8. Administration
9. Maintenance
10. Pioneer Pavilion
11. Sports Court
12. Horticultural Complex
13. Transportation Building
14. Theater Building
15. Performance Industries
16. Daily Living Skills
17. Guard Station
18. Power Plant
19. Repeat Performance



LOCATION MAP

MATRIX ENGINEERING GROUP ATLANTA, GEORGIA			TITLE **Site Location & Building Layout** **Brook Run Facility** **4770 North Peachtree Road** **Dunwoody, Georgia**		
CLIENT **Dekalb County Roads & Drainage, Decatur, GA**					
DRAWN -	REVIEWED SA	DATE 1/25/98	SCALE -	PROJECT NUMBER 97141.6	FIGURE 1

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

BULK SAMPLE SUMMARY

Company Name: Matrix Engineering Group — AES Job # B6755

Project Name : Brook Run / 97141.6 — Date Received 01/22/98

Microanalyst : Arkadiy Gendlin — Date Analyzed 01/26/98

CLIENT I.D.	AES LAB NUMBER	SAMPLE LOCATION	% OF ASBESTOS	TYPE OF ASBESTOS	CHRY IN BITUMEN
3A-B1-TI	103215	Bldg. 1 / Laundry Rm. / Tank Insulation	ND		
4A-B1-TI	103216	Bldg. 1 / Tank Insulation	ND		
5A-B1-FT	103217	Bldg. 1 / 2nd Flr / Laundry Rm. / H 204B	ND		
6A-B1-FC	103218	Bldg. 1 / 2nd Flr / Storage Next to Elevator C	ND		
7A-B1-CT	103219	Bldg. 1 / 2nd Flr / Ceiling Tile Front of F201	ND		
8A-B1-FC	103220	Bldg. 1 / 2nd Flr / Floor Tile Rm. A 212	ND		
9A-B18-PI	103221	Bldg. 18 / Mech. Rm. / Pipe Insulation	ND		
10A-B3-PI	103222	Bldg. 3 / Mech. Rm. / Pipe Insulation	ND		
11A-B3-CK	103223	Bldg. 3 / Hallway / Caulking Material	ND		
12A-B4-TI	103224	Bldg. 4 / Mech. Rm. / Pipe Insulation	ND		
13A-B4-FT	103225	Bldg. 4 / Floor Tile / Near Rm. 103	ND		
14A-B4-GP	103226	Bldg. 4 / Gypsum Rm. 231	ND		
15A-B8-FC	103227	Bldg. 8 / Flr. Carpet Rm. 105	ND		
16A-B8-DI	103228	Bldg. 8 / Duct Ins. / Mech. Rm. Near 211	ND		

ND - None Detected

See actual test reports for samples 1A-B9-FT and 2A-B9-CT

Approved By: Mehmet Yalcinus Date: 1/27/98

According to EPA Method 600/R-93/116. "Method for Determination of Asbestos in Bulk Building Material."

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

BULK SAMPLE SUMMARY

Company Name: Matrix Engineering Group — AES Job # B6759

Project Name : Brook Run / 97141.6 — Date Received 01/26/98

Microanalyst : Arkadiy Gendlin — Date Analyzed 01/26/98

CLIENT I.D.	AES LAB NUMBER	SAMPLE LOCATION	% OF ASBESTOS	TYPE OF ASBESTOS	CHRY IN BITUMEN
17A-B5-HI	103273	Bldg. 5 / Mech. Rm / Heating Ins.	ND		
18A-B5-FT	103274	Bldg. 5 / Hallway Floor Tile / Front 105	ND		
19A-B5-PM	103275	Bldg. 5 / Rm.170 / Plastic Molding	ND		
20A-B6-PI	103276	Bldg. 6 / Mech. Rm / Pipe Ins.	ND		
21A-B6-CK	103277	Bldg. 6 / Across Rm 253 / Caulking Above Slidering Dr.	ND		
22A-B7-WG	103278	Bldg. 7 / Mech. Rm / Wall Gypsum	ND		
23A-B14-WG	103279	Bldg. 14 / Basketball Rm. / Wall Gypsum	ND		
24A-B14-FC	103280	Bldg. 14 / Theater Rm. / Carpet	ND		
25A-B14-FC2	103281	Bldg. 14 / 2nd Floor / Carpet	ND		
26A-B14-FT	103282	Bldg. 14 / Behind Stage / Floor Tile	ND		
27A-B19-AR	103283	Bldg. 19 / Asphalt Roof Shingle	ND		
28A-B12-WG	103284	Bldg. 12 / Interior Wall Gypsum	ND		
29A-B12-GH	103285	Bldg. 12 / Moist Unit / Green House	ND		
30A-B13-CI	103286	Bldg. 13 / Ceiling Insulation	ND		
31A-B13-CT	103287	Bldg. 13 / Ceiling Tile	ND		
32A-B13-RF	103288	Bldg. 13 / Roof Felt	ND		
33A-B13-RS	103289	Bldg. 13 / Roof Shingles	ND		
34A-B15-FT	103290	Bldg. 15 / Left Entrance / Flr. Tile	<1%*	Chrysotile	
35A-B15-CT	103291	Bldg. 15 / Right Wing / Ceiling Tile	1-2%	Amosite	

ND - None Detected

* - Glue Contains 1-2% Chrysotile. Resilient Does Not Contain Asbestos.

Approved By: Mehmet Yildiran Date: JAN 27 1998

According to EPA Method 600/R-93/116. "Method for Determination of Asbestos in Bulk Building Material."

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

BULK SAMPLE SUMMARY

Company Name: Matrix Engineering Group — AES Job # B6761

Project Name : Brook Run / 97141.6 — Date Received 01/24/98

Microanalyst : Arkadiy Gendlin — Date Analyzed 01/27/98

CLIENT I.D.	AES LAB NUMBER	SAMPLE LOCATION	% OF ASBESTOS	TYPE OF ASBESTOS	CHRY IN BITUMEN
36A-B16-FT	103296	Bldg. 16 / Floor Tile / Rm. 4	ND		
37A-B16-CT	103297	Bldg. 16 / Hallway / Ceiling Tile	3%	Amosite	
38A-B16-CW	103298	Bldg. 16 / Rm. 4 / Wall	ND		

ND - None Detected

Approved By: Mehmet Yurteri — Date: JAN 27 1998

According to EPA Method 600/R-93/116. "Method for Determination of Asbestos in Bulk Building Material."

ANALYTICAL ENVIRONMENTAL SERVICES, INC.
3781 Presidential Pkwy, Suite 111, Atlanta, GA 30340
(770) 457-8177 / Toll-Free (800) 972-4889 / Fax (770) 457-8188

CHAIN OF CUSTODY

BULK ASBESTOS ANALYSIS

Client Name: Matrix Engineering Group
Address: 3300 Buckeye Road, Ste 525
City, State, Zip: Atlanta, GA 30341
Contact: Sam Al Yateem
Sampler's Name: O.S.A.

Phone: (770) 455-1780
Fax: (770) 455-1769
Project Name: BROOK RUN
Project Number: 97141.6
Sampling Date: 1-21-98

	Sample ID	Sample Location/Description	Analysis Requested	Turnaround Time	Comments	For AES Use Only
1	1-B9-FT	Building 9/Floor Tile	ACM	Normal		
2	2-B9-CT	Building 9/Ceiling Tile	ACM			
3						
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Relinquished by: Sam Al Yateem — Date/Time: 1-21-98 4:00 PM
Received by: _____ — Date/Time: _____
Relinquished by: _____ — Date/Time: _____
Received by: _____ — Date/Time: _____

FOR LAB USE ONLY
Lab Recipient: [illegible] Wadd — Date/Time: 1/21/98 — Method of Shipment: _____

4:10 PM

ANALYTICAL ENVIRONMENTAL SERVICES, INC.
3781 Presidential Pkwy, Suite 111, Atlanta, GA 30340
(770) 457-8177 / Toll-Free (800) 972-4889 / Fax (770) 457-8188

CHAIN OF CUSTODY

BULK ASBESTOS ANALYSIS

Client Name: Matrix Engineering Group
Address: 3300 Buckeye Rd Ste 525
City, State, Zip: Atlanta, GA 30341
Contact: Sam Al Yateem
Sampler's Name: E.T/S.A.
Phone: (770) 455 1780
Fax: (770) 455 1769
Project Name: Brook Run
Project Number: 97141.6
Sampling Date: 1/22/98

	Sample ID	Sample Location/Description	Analysis Requested	Turnaround Time	Comments	For AES Use Only
X	3A-B1-TI	Building 1/ Laundry Room Tank Insulation	ACM			
2	4A-B1-TI	Building 1/ Tank Insulation	ACM			
3	5A-B1-FT	Bdg 1/2nd Flr/ Laundry Room/ H2648	ACM			
4	6A-B1-FC	Bdg 1/2nd Flr/Storage next to Elev. C	ACM			
5	7A-B1-CT	Bdg 1/2nd Flr/Ceiling Tile Front of Elev				
6	8A-B1-FC	Bdg 1/2nd Flr/Flr Tile Rm A212				
7	9A-B18-PI	Bdg 18/Mech. Rm/Pipe insulation				
8	10A-B3-PI	Bdg 3/Mech. Rm/Pipe insulation				
9	11A-B3-CK	Bdg 3/Hallway/Caulking Material				
10	12A-B4-TI	Bdg 4/Mech. Rm/Tank Insulation				
11	13A-B4-FT	Bdg 4/Flr Tile/Near Rm 103				
12	14A-B4-GP	Bdg 4/Gypsum Rm 231				
13	15A-B8-FC	Bdg 8/Flr Carpet Rm 105				
14	16A-B8-DT	Bdg 8/Duct Ins./Mech Rm near 211				
15						
16						
17						
18						
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Relinquished by: Sam Al Yateem — Date/Time: 1-22-98 / 5:25 P.M.
Received by: — Date/Time:
Relinquished by: — Date/Time:
Received by: — Date/Time:

FOR LAB USE ONLY
Lab Recipient: [signature] Date/Time: 1/22/98 Method of Shipment: Client

12:25p

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

3781 Presidential Pkwy, Suite 111, Atlanta, GA 30340
(770) 457-8177 / Toll-Free (800) 972-4889 / Fax (770) 457-8188

CHAIN OF CUSTODY

BULK ASBESTOS ANALYSIS

Client Name:	Matrix Engineering Group	**Phone:**	(770) 455 1780
Address:	3300 Buckeye Rd, Ste 525	**Fax:**	(770) 455 1769
City, State, Zip:	Atlanta, GA 30341	**Project Name:**	Brook Run
Contact :	Sam Al Yateen	**Project Number:**	97141.6
Sampler's Name:	S.T. / SA	**Sampling Date:**	1-23-98

	Sample ID	Sample Location/Description	Analysis Requested	Turnaround Time	Comments	For AES Use Only
1	17A B5-HI	Bdg 5/Mech. Rm/Heating Ins.	ACM			
2	18A B5- FT	Bdg 5/Hallway Floor Tile/Front 105	ACM			
3	19A B5- PM	Bdg 5/Rm 170/Plastic molding	↓			
4	20A B6-PI	Bdg 6/Mech Rm/Pipe Ins.				
5	21A B6-CK	Bdg 6/Rm 203 across/Caulking sliding Dr.				
6	22A B7-WG	Bdg 7/Mech. Rm/Wall Gypsum				
7	23 A B14-WG	Bdg 14/Basketball Rm/Wall Gypsum				
8	24A B14-FC	Bdg 14/Theatre Rm/Carpet.				
9	25A B14-FC2	Bdg 14/2nd Flr/Carpet				
10	26A B14- FT	Bdg 14/Behind Stage/Floor Tile				
11	27A B-19- AR	Bdg 19/ Asphalt Roof shingle				
12	28A B-12-WG	Bdg 12/interior Wall Gypsum				
13	29A-B12-GH	Bdg 12/Moist. Unit/Green House				
14	30A-B13-CI	Bdg 13/ Ceiling Insulation				
15	31 A-B13-CT	Bdg 13/Ceiling Tille				
16	32A-B13-RF	Bdg 13/Roof felt				
17	33 A-B13-RS	Bdg 13/ Roof Shingles				
18	34A-B15-FT	Bdg 15/Left Entrance/Flr Tile	↓			
19	35 A-B15-CT	Bdg 15/Right Wing/Ceiling Tile	ACM			
20						

Relinquished by:	Sam Al Yateen	**Date/Time:**	1-23-98 4:00 P.M.
Received by:		**Date/Time:**	
Relinquished by:		**Date/Time:**	
Received by:		**Date/Time:**	

FOR LAB USE ONLY

Lab Recipient	AWest	Date/Time:	1/23/98 12:00 P	Method of Shipment	Client

ANALYTICAL ENVIRONMENTAL SERVICES, INC.
3781 Presidential Pkwy, Suite 111, Atlanta, GA 30340
(770) 457-8177 / Toll-Free (800) 972-4889 / Fax (770) 457-8188

CHAIN OF CUSTODY

BULK ASBESTOS ANALYSIS

Client Name: Matrix Engineering Group
Address: 3300 Buckeye Rd, Ste. 525
City, State, Zip: Atlanta, GA 30341
Contact: Sam Al Yateem
Sampler's Name: S.T / S.A.

Phone: (770) 455 1780
Fax: (770) 455 1769
Project Name: Brook Run
Project Number: 97141.6
Sampling Date: 1-24-98

	Sample ID	Sample Location/Description	Analysis Requested	Turnaround Time	Comments	For AES Use Only
1	36 A B16 FT	Bdg 16/ Flr Tile/ Rm 4	AEM	NORMAL		
2	37 A B16 CT	Bdg 16/ Hallway / Ceiling Tile	"	↓		
3	38 A B16 CW	Bdg 16/ Rm 4/ Wall	"	↓		
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Relinquished by: Sam Al Jateem — Date/Time: 1-24-98 4:30 P.M.
Received by: — Date/Time:
Relinquished by: — Date/Time:
Received by: — Date/Time:

FOR LAB USE ONLY
Lab Recipient: Mehmet Yildirim — Date/Time: 1/24/98 16:30 — Method of Shipment: Del. to the Lab

Analytical Environmental Services, Inc.
3781 Presidential Parkway, Suite 111, Atlanta, GA 30340
TEL: (770)457-8177 FAX: (770)457-8188

CLIENT NAME : MATRIX ENGINEERING GROUP DATE : 1/22/98

PROJECT NAME: BROOK RUN / 97141.6

SAMPLE ID : 1A-B9-FT AES LAB NO : 103097 AES JOB NO : B675

SAMPLE LOCATION : BUILDING 9 / FLOOR TILE

SAMPLE - DESCRIPTION BEIGE SEMI-HARD RESILIENT WITH FIBERS AND GLUE.

RESULT OF BULK SAMPLE ANALYSIS (BY VISUAL VOLUMETRIC PERCENTAGE)			
ASBESTOS FIBERS		**NONFIBROUS COMPONENTS**	
CHRYSOTILE		VERMICULITE	
AMOSITE		BIOTITE	
CROCIDOLITE		MICA	
ANTHOPHYLLITE		PERLITE	
TREMOLITE		AGGREGATE/SAND	
ACTINOLITE		STYROFOAM	
NONASBESTOS FIBERS		**OTHER COMPONENTS**	
SYNTHETICS	1	ALUMINUM	
MINERAL WOOL		BITUMEN	
FIBERGLASS		RESILIENT MATERIAL	90
CELLULOSE	1	GLUE	5
ANIMAL HAIR		BINDERS	3
ANTIGORITE			

COMMENTS :

It is certified by the signatures below that this laboratory is accredited by the National Institute of Standards and Technology under NVLAP for the analysis of asbestos in building materials by polarized light microscopy. NVLAP Laboratory Code: 2033. Test report relates only to the items tested.

MICROANALYST: A. Gend

ARKADIY GENDLIN

QUALITY CONTROL BY: S. Arkhipov

SVETLANA ARKHIPOV

Analytical Environmental Services, Inc.
3781 Presidential Parkway, Suite 111, Atlanta, GA 30340
TEL: (770)457-8177 FAX: (770)457-8188

CLIENT NAME : MATRIX ENGINEERING GROUP **DATE :** 1/22/98

PROJECT NAME: BROOK RUN / 97141.6

SAMPLE ID : 2A-B9-CT **AES LAB NO :** 103098 **AES JOB NO :** B6751

SAMPLE LOCATION : BUILDING 9 / CEILING TILE

SAMPLE DESCRIPTION - GRAY SOFT FIBROUS TO PERLITIC WITH PAINT.

RESULT OF BULK SAMPLE ANALYSIS (BY VISUAL VOLUMETRIC PERCENTAGE)			
ASBESTOS FIBERS		**NONFIBROUS COMPONENTS**	
CHRYSOTILE		VERMICULITE	
AMOSITE		BIOTITE	
CROCIDOLITE		MICA	
ANTHOPHYLLITE		PERLITE	30
TREMOLITE		AGGREGATE/SAND	
ACTINOLITE		STYROFOAM	
NONASBESTOS FIBERS		**OTHER COMPONENTS**	
SYNTHETICS		ALUMINUM	
MINERAL WOOL	35	BITUMEN	
FIBERGLASS		RESILIENT MATERIAL	
CELLULOSE	20	GLUE	
ANIMAL HAIR		BINDERS	15
ANTIGORITE			

COMMENTS : PAINT INCLUDED AS BINDER.

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MICROANALYST : A. Gend

ARKADIY GENDLIN

QUALITY CONTROL BY : S. Arkhipov

SVETLANA ARKHIPOV

Analytical Environmental Services, Inc.
3781 Presidential Parkway, Suite 111, Atlanta, GA 30340
TEL: (770)457-8177 FAX: (770)457-8188

CLIENT NAME : MATRIX ENGINEERING GROUP DATE : 1/27/98

PROJECT NAME: BROOK RUN / 97141.6

SAMPLE ID : 3A-B1-TI AES LAB NO : 103215 AES JOB NO : B6755

SAMPLE LOCATION :

SAMPLE - DESCRIPTION: YELLOW SOFT FIBROUS.

RESULT OF BULK SAMPLE ANALYSIS (BY VISUAL VOLUMETRIC PERCENTAGE)			
ASBESTOS FIBERS		**NONFIBROUS COMPONENTS**	
CHRYSOTILE		VERMICULITE	
AMOSITE		BIOTITE	
CROCIDOLITE		MICA	
ANTHOPHYLLITE		PERLITE	
TREMOLITE		AGGREGATE/SAND	
ACTINOLITE		STYROFOAM	
NONASBESTOS FIBERS		**OTHER COMPONENTS**	
SYNTHETICS		ALUMINUM	
MINERAL WOOL	90	BITUMEN	
FIBERGLASS		RESILIENT MATERIAL	
CELLULOSE		GLUE	
ANIMAL HAIR		BINDERS	10
ANTIGORITE			

COMMENTS :

It is certified by the signatures below that this laboratory is accredited by the National Institute of Standards and Technology under NVLAP for the analysis of asbestos in building materials by polarized light microscopy. NVLAP Laboratory Code: 2033. Test report relates only to the items tested.

MICROANALYST : A. Gen

ARKADIY GENDLIN

QUALITY CONTROL BY : S. Arkhipov

SVETLANA ARKHIPOV

Analytical Environmental Services, Inc.
3781 Presidential Parkway, Suite 111, Atlanta, GA 30340
TEL: (770)457-8177 FAX: (770)457-8188

CLIENT NAME : MATRIX ENGINEERING GROUP DATE : 1/27/98

PROJECT NAME: BROOK RUN / 97141.6

SAMPLE ID : 4A-B1-TI AES LAB NO : 103216 AES JOB NO : B6755

SAMPLE LOCATION :

SAMPLE - DESCRIPTION LIGHT BROWN SOFT FIBROUS.

RESULT OF BULK SAMPLE ANALYSIS (BY VISUAL VOLUMETRIC PERCENTAGE)			
ASBESTOS FIBERS		**NONFIBROUS COMPONENTS**	
CHRYSOTILE		VERMICULITE	
AMOSITE		BIOTITE	
CROCIDOLITE		MICA	
ANTHOPHYLLITE		PERLITE	
TREMOLITE		AGGREGATE/SAND	
ACTINOLITE		STYROFOAM	
NONASBESTOS FIBERS		**OTHER COMPONENTS**	
SYNTHETICS		ALUMINUM	
MINERAL WOOL	90	BITUMEN	
FIBERGLASS		RESILIENT MATERIAL	
CELLULOSE		GLUE	
ANIMAL HAIR		BINDERS	10
ANTIGORITE			

COMMENTS :

It is certified by the signatures below that this laboratory is accredited by the National Institute of Standards and Technology under NVLAP for the analysis of asbestos in building materials by polarized light microscopy. NVLAP Laboratory Code: 2033. Test report relates only to the items tested.

MICROANALYST :

ARKADIY GENDLIN

QUALITY CONTROL BY :

SVETLANA ARKHIPOV

Analytical Environmental Services, Inc.
3781 Presidential Parkway, Suite 111, Atlanta, GA 30340
TEL: (770)457-8177 FAX: (770)457-8188

CLIENT NAME : MATRIX ENGINEERING GROUP DATE : 1/27/98

PROJECT NAME: BROOK RUN / 97141.6

SAMPLE ID : 5A-B1-FT AES LAB NO : 103217 AES JOB NO : B6755

SAMPLE LOCATION :

SAMPLE - DESCRIPTION GRAY SEMI-HARD RESILIENT WITH FIBERS AND GLUE.

RESULT OF BULK SAMPLE ANALYSIS (BY VISUAL VOLUMETRIC PERCENTAGE)			
ASBESTOS FIBERS		**NONFIBROUS COMPONENTS**	
CHRYSOTILE		VERMICULITE	
AMOSITE		BIOTITE	
CROCIDOLITE		MICA	
ANTHOPHYLLITE		PERLITE	
TREMOLITE		AGGREGATE/SAND	
ACTINOLITE		STYROFOAM	
NONASBESTOS FIBERS		**OTHER COMPONENTS**	
SYNTHETICS	2	ALUMINUM	
MINERAL WOOL		BITUMEN	
FIBERGLASS		RESILIENT MATERIAL	90
CELLULOSE	1	GLUE	5
ANIMAL HAIR		BINDERS	2
ANTIGORITE			

COMMENTS :

It is certified by the signatures below that this laboratory is accredited by the National Institute of Standards and Technology under NVLAP for the analysis of asbestos in building materials by polarized light microscopy. NVLAP Laboratory Code: 2033. Test report relates only to the items tested.

MICROANALYST : A. Gend

ARKADIY GENDLIN

QUALITY CONTROL BY : S. Arkhipov

SVETLANA ARKHIPOV

Analytical Environmental Services, Inc.
3781 Presidential Parkway, Suite 111, Atlanta, GA 30340
TEL: (770)457-8177 FAX: (770)457-8188

CLIENT NAME : MATRIX ENGINEERING GROUP DATE : 1/27/98

PROJECT NAME: BROOK RUN / 97141.6

SAMPLE ID : 6A-B1-FC AES LAB NO : 103218 AES JOB NO : B6755

SAMPLE LOCATION :

SAMPLE DESCRIPTION - BROWN TO YELLOW SEMI-HARD FIBROUS TO RESILIENT WITH GLUE.

RESULT OF BULK SAMPLE ANALYSIS (BY VISUAL VOLUMETRIC PERCENTAGE)			
ASBESTOS FIBERS		**NONFIBROUS COMPONENTS**	
CHRYSOTILE		VERMICULITE	
AMOSITE		BIOTITE	
CROCIDOLITE		MICA	
ANTHOPHYLLITE		PERLITE	
TREMOLITE		AGGREGATE/SAND	
ACTINOLITE		STYROFOAM	
NONASBESTOS FIBERS		**OTHER COMPONENTS**	
SYNTHETICS	75	ALUMINUM	
MINERAL WOOL		BITUMEN	
FIBERGLASS		RESILIENT MATERIAL	15
CELLULOSE	5	GLUE	3
ANIMAL HAIR		BINDERS	2
ANTIGORITE			

COMMENTS :

It is certified by the signatures below that this laboratory is accredited by the National Institute of Standards and Technology under NVLAP for the analysis of asbestos in building materials by polarized light microscopy. NVLAP Laboratory Code: 2033. Test report relates only to the items tested.

MICROANALYST : A. Gend

ARKADIY GENDLIN

QUALITY CONTROL BY :

SVETLANA ARKHIPOV

Analytical Environmental Services, Inc.
3781 Presidential Parkway, Suite 111, Atlanta, GA 30340
TEL: (770)457-8177 FAX: (770)457-8188

CLIENT NAME : MATRIX ENGINEERING GROUP DATE : 1/27/98

PROJECT NAME: BROOK RUN / 97141.6

SAMPLE ID : 7A-B1-CT AES LAB NO : 103219 AES JOB NO : B6755

SAMPLE LOCATION :

SAMPLE - DESCRIPTION : LIGHT BROWN SOFT FIBROUS TO PERLITIC WITH PAINT.

RESULT OF BULK SAMPLE ANALYSIS (BY VISUAL VOLUMETRIC PERCENTAGE)			
ASBESTOS FIBERS		**NONFIBROUS COMPONENTS**	
CHRYSOTILE		VERMICULITE	
AMOSITE		BIOTITE	
CROCIDOLITE		MICA	
ANTHOPHYLLITE		PERLITE	15
TREMOLITE		AGGREGATE/SAND	
ACTINOLITE		STYROFOAM	
NONASBESTOS FIBERS		**OTHER COMPONENTS**	
SYNTHETICS		ALUMINUM	
MINERAL WOOL	60	BITUMEN	
FIBERGLASS		RESILIENT MATERIAL	
CELLULOSE		GLUE	
ANIMAL HAIR		BINDERS	25
ANTIGORITE			

COMMENTS : PAINT INCLUDED AS BINDER.

It is certified by the signatures below that this laboratory is accredited by the National Institute of Standards and Technology under NVLAP for the analysis of asbestos in building materials by polarized light microscopy. NVLAP Laboratory Code: 2033. Test report relates only to the items tested.

MICROANALYST : A. Gen

ARKADIY GENDLIN

QUALITY CONTROL BY :

SVETLANA ARKHIPOV

Analytical Environmental Services, Inc.
3781 Presidential Parkway, Suite 111, Atlanta, GA 30340
TEL: (770)457-8177 FAX: (770)457-8188

CLIENT NAME : MATRIX ENGINEERING GROUP DATE : 1/27/98

PROJECT NAME: BROOK RUN / 97141.6

SAMPLE ID : 8A-B1-FC AES LAB NO : 103220 AES JOB NO : B6755

SAMPLE LOCATION :

SAMPLE DESCRIPTION - BROWN TO LIGHT BROWN SEMI-HARD FIBROUS TO RESILIENT WITH GLUE.

RESULT OF BULK SAMPLE ANALYSIS (BY VISUAL VOLUMETRIC PERCENTAGE)			
ASBESTOS FIBERS		**NONFIBROUS COMPONENTS**	
CHRYSOTILE		VERMICULITE	
AMOSITE		BIOTITE	
CROCIDOLITE		MICA	
ANTHOPHYLLITE		PERLITE	
TREMOLITE		AGGREGATE/SAND	
ACTINOLITE		STYROFOAM	
NONASBESTOS FIBERS		**OTHER COMPONENTS**	
SYNTHETICS	75	ALUMINUM	
MINERAL WOOL		BITUMEN	
FIBERGLASS		RESILIENT MATERIAL	15
CELLULOSE	5	GLUE	3
ANIMAL HAIR		BINDERS	2
ANTIGORITE			

COMMENTS :

It is certified by the signatures below that this laboratory is accredited by the National Institute of Standards and Technology under NVLAP for the analysis of asbestos in building materials by polarized light microscopy. NVLAP Laboratory Code: 2033. Test report relates only to the items tested.

MICROANALYST : A. Gend

ARKADIY GENDLIN

QUALITY CONTROL BY : S. Arkhipov

SVETLANA ARKHIPOV

Analytical Environmental Services, Inc.
3781 Presidential Parkway, Suite 111, Atlanta, GA 30340
TEL: (770)457-8177 FAX: (770)457-8188

CLIENT NAME : MATRIX ENGINEERING GROUP DATE : 1/27/98

PROJECT NAME: BROOK RUN / 97141.6

SAMPLE ID : 9A-B18-PI AES LAB NO : 103221 AES JOB NO : B6755

SAMPLE LOCATION :

SAMPLE - DESCRIPTION: LAYERED: 1) LIGHT BROWN SOFT FIBROUS WITH ALUMINUM, GLUE & PAINT
2) YELLOW SOFT FIBROUS.

RESULT OF BULK SAMPLE ANALYSIS (BY VISUAL VOLUMETRIC PERCENTAGE)			
ASBESTOS FIBERS		**NONFIBROUS COMPONENTS**	
CHRYSOTILE		VERMICULITE	
AMOSITE		BIOTITE	
CROCIDOLITE		MICA	
ANTHOPHYLLITE		PERLITE	
TREMOLITE		AGGREGATE/SAND	
ACTINOLITE		STYROFOAM	
NONASBESTOS FIBERS		**OTHER COMPONENTS**	
SYNTHETICS		ALUMINUM	3
MINERAL WOOL		BITUMEN	
FIBERGLASS	80	RESILIENT MATERIAL	
CELLULOSE	10	GLUE	2
ANIMAL HAIR		BINDERS	5
ANTIGORITE			

COMMENTS : PAINT INCLUDED AS BINDER.

It is certified by the signatures below that this laboratory is accredited by the National Institute of Standards and Technology under NVLAP for the analysis of asbestos in building materials by polarized light microscopy. NVLAP Laboratory Code: 2033. Test report relates only to the items tested.

MICROANALYST : A. Gen

ARKADIY GENDLIN

QUALITY CONTROL BY : S Arkhipov

SVETLANA ARKHIPOV

Analytical Environmental Services, Inc.
3781 Presidential Parkway, Suite 111, Atlanta, GA 30340
TEL: (770)457-8177 FAX: (770)457-8188

CLIENT NAME : MATRIX ENGINEERING GROUP DATE : 1/27/98

PROJECT NAME: BROOK RUN / 97141.6

SAMPLE ID : 10A-B3-PI AES LAB NO : 103222 AES JOB NO : B6755

SAMPLE LOCATION :

SAMPLE - DESCRIPTION YELLOW SOFT FIBROUS.

RESULT OF BULK SAMPLE ANALYSIS (BY VISUAL VOLUMETRIC PERCENTAGE)			
ASBESTOS FIBERS		**NONFIBROUS COMPONENTS**	
CHRYSOTILE		VERMICULITE	
AMOSITE		BIOTITE	
CROCIDOLITE		MICA	
ANTHOPHYLLITE		PERLITE	
TREMOLITE		AGGREGATE/SAND	
ACTINOLITE		STYROFOAM	
NONASBESTOS FIBERS		**OTHER COMPONENTS**	
SYNTHETICS		ALUMINUM	
MINERAL WOOL		BITUMEN	
FIBERGLASS	95	RESILIENT MATERIAL	
CELLULOSE		GLUE	
ANIMAL HAIR		BINDERS	5
ANTIGORITE			

COMMENTS :

It is certified by the signatures below that this laboratory is accredited by the National Institute of Standards and Technology under NVLAP for the analysis of asbestos in building materials by polarized light microscopy. NVLAP Laboratory Code: 2033. Test report relates only to the items tested.

MICROANALYST : A. Gend

ARKADIY GENDLIN

QUALITY CONTROL BY : S Arkhipov

SVETLANA ARKHIPOV

Analytical Environmental Services, Inc.
3781 Presidential Parkway, Suite 111, Atlanta, GA 30340
TEL: (770)457-8177 FAX: (770)457-8188

CLIENT NAME : MATRIX ENGINEERING GROUP DATE : 1/27/98

PROJECT NAME: BROOK RUN / 97141.6

SAMPLE ID : 11A-B3-CK AES LAB NO : 103223 AES JOB NO : B6755

SAMPLE LOCATION :

SAMPLE - DESCRIPTION: LAYERED: 1) LIGHT GRAY SEMI-HARD RESILIENT;
2) LIGHT BROWN SEMI-HARD SILTY WITH FIBERS AND PAINT.

RESULT OF BULK SAMPLE ANALYSIS (BY VISUAL VOLUMETRIC PERCENTAGE)			
ASBESTOS FIBERS		**NONFIBROUS COMPONENTS**	
CHRYSOTILE		VERMICULITE	
AMOSITE		BIOTITE	
CROCIDOLITE		MICA	
ANTHOPHYLLITE		PERLITE	
TREMOLITE		AGGREGATE/SAND	
ACTINOLITE		STYROFOAM	
NONASBESTOS FIBERS		**OTHER COMPONENTS**	
SYNTHETICS	1	ALUMINUM	
MINERAL WOOL		BITUMEN	
FIBERGLASS		RESILIENT MATERIAL	40
CELLULOSE	3	GLUE	
ANIMAL HAIR		BINDERS	56
ANTIGORITE			

COMMENTS : PAINT INCLUDED AS BINDER.

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MICROANALYST : A. Gend

ARKADIY GENDLIN

QUALITY CONTROL BY : S Arkhipov

SVETLANA ARKHIPOV

Analytical Environmental Services, Inc.
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TEL: (770)457-8177 FAX: (770)457-8188

CLIENT NAME : MATRIX ENGINEERING GROUP DATE : 1/27/98

PROJECT NAME: BROOK RUN / 97141.6

SAMPLE ID : 12A-B4-TI AES LAB NO : 103224 AES JOB NO : B6755

SAMPLE LOCATION :

SAMPLE DESCRIPTION - YELLOW SOFT FIBROUS.

RESULT OF BULK SAMPLE ANALYSIS (BY VISUAL VOLUMETRIC PERCENTAGE)			
ASBESTOS FIBERS		**NONFIBROUS COMPONENTS**	
CHRYSOTILE		VERMICULITE	
AMOSITE		BIOTITE	
CROCIDOLITE		MICA	
ANTHOPHYLLITE		PERLITE	
TREMOLITE		AGGREGATE/SAND	
ACTINOLITE		STYROFOAM	
NONASBESTOS FIBERS		**OTHER COMPONENTS**	
SYNTHETICS		ALUMINUM	
MINERAL WOOL		BITUMEN	
FIBERGLASS	95	RESILIENT MATERIAL	
CELLULOSE		GLUE	
ANIMAL HAIR		BINDERS	5
ANTIGORITE			

COMMENTS :

It is certified by the signatures below that this laboratory is accredited by the National Institute of Standards and Technology under NVLAP for the analysis of asbestos in building materials by polarized light microscopy. NVLAP Laboratory Code: 2033. Test report relates only to the items tested.

MICROANALYST : A. Gen

ARKADIY GENDLIN

QUALITY CONTROL BY : S Arkhipov

SVETLANA ARKHIPOV

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TEL: (770)457-8177 FAX: (770)457-8188

CLIENT NAME : MATRIX ENGINEERING GROUP DATE : 1/27/98

PROJECT NAME: BROOK RUN / 97141.6

SAMPLE ID : 13A-B4-FT AES LAB NO : 103225 AES JOB NO : B675[illegible]

SAMPLE LOCATION :

SAMPLE - DESCRIPTION : TAN SEMI-HARD RESILIENT WITH FIBERS AND GLUE.

RESULT OF BULK SAMPLE ANALYSIS (BY VISUAL VOLUMETRIC PERCENTAGE)			
ASBESTOS FIBERS		**NONFIBROUS COMPONENTS**	
CHRYSOTILE		VERMICULITE	
AMOSITE		BIOTITE	
CROCIDOLITE		MICA	
ANTHOPHYLLITE		PERLITE	
TREMOLITE		AGGREGATE/SAND	
ACTINOLITE		STYROFOAM	
NONASBESTOS FIBERS		**OTHER COMPONENTS**	
SYNTHETICS	1	ALUMINUM	
MINERAL WOOL		BITUMEN	
FIBERGLASS		RESILIENT MATERIAL	90
CELLULOSE	1	GLUE	2
ANIMAL HAIR		BINDERS	6
ANTIGORITE			

COMMENTS :

It is certified by the signatures below that this laboratory is accredited by the National Institute of Standards and Technology under NVLAP for the analysis of asbestos in building materials by polarized light microscopy. NVLAP Laboratory Code: 2033. Test report relates only to the items tested.

MICROANALYST : [signature]

ARKADIY GENDLIN

QUALITY CONTROL BY : [signature]

SVETLANA ARKHIPOV

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TEL: (770)457-8177 FAX: (770)457-8188

CLIENT NAME : MATRIX ENGINEERING GROUP DATE : 1/27/98

PROJECT NAME: BROOK RUN / 97141.6

SAMPLE ID : 14A-B4-GP AES LAB NO : 103226 AES JOB NO : B6755

SAMPLE LOCATION :

SAMPLE DESCRIPTION - LAYERED: 1) LIGHT GRAY HARD SILTY WITH PAINT;
2) LIGHT BROWN SEMI-HARD PARTLY GRANULAR WITH FIBERS.

RESULT OF BULK SAMPLE ANALYSIS (BY VISUAL VOLUMETRIC PERCENTAGE)			
ASBESTOS FIBERS		**NONFIBROUS COMPONENTS**	
CHRYSOTILE		VERMICULITE	
AMOSITE		BIOTITE	
CROCIDOLITE		MICA	
ANTHOPHYLLITE		PERLITE	
TREMOLITE		AGGREGATE/SAND	35
ACTINOLITE		STYROFOAM	
NONASBESTOS FIBERS		**OTHER COMPONENTS**	
SYNTHETICS	1	ALUMINUM	
MINERAL WOOL		BITUMEN	
FIBERGLASS		RESILIENT MATERIAL	
CELLULOSE	1	GLUE	
ANIMAL HAIR		BINDERS	63
ANTIGORITE			

COMMENTS : PAINT INCLUDED AS BINDER.

It is certified by the signatures below that this laboratory is accredited by the National Institute of Standards and Technology under NVLAP for the analysis of asbestos in building materials by polarized light microscopy. NVLAP Laboratory Code: 2033. Test report relates only to the items tested.

MICROANALYST : A. Gend

ARKADIY GENDLIN

QUALITY CONTROL BY : S. Arkhipov

SVETLANA ARKHIPOV

Analytical Environmental Services, Inc.
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TEL: (770)457-8177 FAX: (770)457-8188

CLIENT NAME : MATRIX ENGINEERING GROUP DATE : 1/27/98

PROJECT NAME: BROOK RUN / 97141.6

SAMPLE ID : 15A-B8-FC AES LAB NO : 103227 AES JOB NO : B6755

SAMPLE LOCATION :

SAMPLE - DESCRIPTION: LAYERED: 1) LIGHT BROWN TO YELLOW SEMI-HARD FIBROUS TO RESILIENT
2) BLACK SOFT VACUOUS WITH FIBERS AND GLUE.

RESULT OF BULK SAMPLE ANALYSIS (BY VISUAL VOLUMETRIC PERCENTAGE)			
ASBESTOS FIBERS		**NONFIBROUS COMPONENTS**	
CHRYSOTILE		VERMICULITE	
AMOSITE		BIOTITE	
CROCIDOLITE		MICA	
ANTHOPHYLLITE		PERLITE	
TREMOLITE		AGGREGATE/SAND	
ACTINOLITE		STYROFOAM	15
NONASBESTOS FIBERS		**OTHER COMPONENTS**	
SYNTHETICS	65	ALUMINUM	
MINERAL WOOL		BITUMEN	
FIBERGLASS		RESILIENT MATERIAL	10
CELLULOSE	5	GLUE	3
ANIMAL HAIR		BINDERS	2
ANTIGORITE			

COMMENTS :

It is certified by the signatures below that this laboratory is accredited by the National Institute of Standards and Technology under NVLAP for the analysis of asbestos in building materials by polarized light microscopy. NVLAP Laboratory Code: 2033. Test report relates only to the items tested.

MICROANALYST : A. Gend

ARKADIY GENDLIN

QUALITY CONTROL BY : S. Arkhipov

SVETLANA ARKHIPOV

Analytical Environmental Services, Inc.
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TEL: (770)457-8177 FAX: (770)457-8188

CLIENT NAME : MATRIX ENGINEERING GROUP DATE : 1/27/98

PROJECT NAME: BROOK RUN / 97141.6

SAMPLE ID : 16A-B8-DI AES LAB NO : 103228 AES JOB NO : B6755

SAMPLE LOCATION :

SAMPLE - DESCRIPTION YELLOW SOFT FIBROUS.

RESULT OF BULK SAMPLE ANALYSIS (BY VISUAL VOLUMETRIC PERCENTAGE)			
ASBESTOS FIBERS		**NONFIBROUS COMPONENTS**	
CHRYSOTILE		VERMICULITE	
AMOSITE		BIOTITE	
CROCIDOLITE		MICA	
ANTHOPHYLLITE		PERLITE	
TREMOLITE		AGGREGATE/SAND	
ACTINOLITE		STYROFOAM	
NONASBESTOS FIBERS		**OTHER COMPONENTS**	
SYNTHETICS		ALUMINUM	
MINERAL WOOL		BITUMEN	
FIBERGLASS	90	RESILIENT MATERIAL	
CELLULOSE		GLUE	
ANIMAL HAIR		BINDERS	10
ANTIGORITE			

COMMENTS :

It is certified by the signatures below that this laboratory is accredited by the National Institute of Standards and Technology under NVLAP for the analysis of asbestos in building materials by polarized light microscopy. NVLAP Laboratory Code: 2033. Test report relates only to the items tested.

MICROANALYST : A. Gend

ARKADIY GENDLIN

QUALITY CONTROL BY : S. Arkhipov

SVETLANA ARKHIPOV

Analytical Environmental Services, Inc.
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TEL: (770)457-8177 FAX: (770)457-8188

CLIENT NAME : MATRIX ENGINEERING GROUP DATE : 1/27/98

PROJECT NAME: BROOK RUN / 97141.6

SAMPLE ID : 17A-B5-HI AES LAB NO : 103273 AES JOB NO : B6759

SAMPLE LOCATION :

SAMPLE - DESCRIPTION YELLOW SOFT FIBROUS.

RESULT OF BULK SAMPLE ANALYSIS (BY VISUAL VOLUMETRIC PERCENTAGE)			
ASBESTOS FIBERS		**NONFIBROUS COMPONENTS**	
CHRYSOTILE		VERMICULITE	
AMOSITE		BIOTITE	
CROCIDOLITE		MICA	
ANTHOPHYLLITE		PERLITE	
TREMOLITE		AGGREGATE/SAND	
ACTINOLITE		STYROFOAM	
NONASBESTOS FIBERS		**OTHER COMPONENTS**	
SYNTHETICS		ALUMINUM	
MINERAL WOOL		BITUMEN	
FIBERGLASS	95	RESILIENT MATERIAL	
CELLULOSE		GLUE	
ANIMAL HAIR		BINDERS	5
ANTIGORITE			

COMMENTS :

It is certified by the signatures below that this laboratory is accredited by the National Institute of Standards and Technology under NVLAP for the analysis of asbestos in building materials by polarized light microscopy. NVLAP Laboratory Code: 2033. Test report relates only to the items tested.

MICROANALYST A. Gendlin

ARKADIY GENDLIN

QUALITY CONTROL BY : S. Arkhipov

SVETLANA ARKHIPOV

Analytical Environmental Services, Inc.
3781 Presidential Parkway, Suite 111, Atlanta, GA 30340
TEL: (770)457-8177 FAX: (770)457-8188

IENT NAME : MATRIX ENGINEERING GROUP DATE : 1/27/98

OJECT NAME: BROOK RUN / 97141.6

MPLE ID : 18A-B5-FT AES LAB NO : 103274 AES JOB NO : B6759

MPLE LOCATION :

MPLE - ESCRIPTION BEIGE SEMI-HARD RESILIENT WITH FIBERS & GLUE.

RESULT OF BULK SAMPLE ANALYSIS (BY VISUAL VOLUMETRIC PERCENTAGE)			
ASBESTOS FIBERS		**NONFIBROUS COMPONENTS**	
CHRYSOTILE		VERMICULITE	
AMOSITE		BIOTITE	
CROCIDOLITE		MICA	
ANTHOPHYLLITE		PERLITE	
TREMOLITE		AGGREGATE/SAND	
ACTINOLITE		STYROFOAM	
NONASBESTOS FIBERS		**OTHER COMPONENTS**	
SYNTHETICS	1	ALUMINUM	
MINERAL WOOL		BITUMEN	
FIBERGLASS		RESILIENT MATERIAL	85
CELLULOSE	1	GLUE	5
ANIMAL HAIR		BINDERS	8
ANTIGORITE			

COMMENTS :

It is certified by the signatures below that this laboratory is accredited by the National Institute of Standards and Technology under NVLAP for the analysis of asbestos in building materials by polarized light microscopy. NVLAP Laboratory Code: 2033. Test report relates only to the items tested.

MICROANALYST : QUALITY CONTROL BY :

ARKADIY GENDLIN SVETLANA ARKHIPOV

Analytical Environmental Services, Inc.
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TEL: (770)457-8177 FAX: (770)457-8188

CLIENT NAME : MATRIX ENGINEERING GROUP DATE : 1/27/98

PROJECT NAME: BROOK RUN / 97141.6

SAMPLE ID : 19A-B5-PM AES LAB NO : 103275 AES JOB NO : B675

SAMPLE LOCATION :

SAMPLE - DESCRIPTION GRAY SEMI-HARD RESILIENT WITH FIBERS & GLUE.

RESULT OF BULK SAMPLE ANALYSIS (BY VISUAL VOLUMETRIC PERCENTAGE)			
ASBESTOS FIBERS		**NONFIBROUS COMPONENTS**	
CHRYSOTILE		VERMICULITE	
AMOSITE		BIOTITE	
CROCIDOLITE		MICA	
ANTHOPHYLLITE		PERLITE	
TREMOLITE		AGGREGATE/SAND	
ACTINOLITE		STYROFOAM	
NONASBESTOS FIBERS		**OTHER COMPONENTS**	
SYNTHETICS	1	ALUMINUM	
MINERAL WOOL		BITUMEN	
FIBERGLASS		RESILIENT MATERIAL	95
CELLULOSE	1	GLUE	1
ANIMAL HAIR		BINDERS	2
ANTIGORITE			

COMMENTS :

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MICROANALYST :

ARKADIY GENDLIN

QUALITY CONTROL BY :

SVETLANA ARKHIPOV

Analytical Environmental Services, Inc.
3781 Presidential Parkway, Suite 111, Atlanta, GA 30340
TEL: (770)457-8177 FAX: (770)457-8188

CLIENT NAME : MATRIX ENGINEERING GROUP DATE : 1/27/98

PROJECT NAME: BROOK RUN / 97141.6

SAMPLE ID : 20A-B6-PI AES LAB NO : 103276 AES JOB NO : B6759

SAMPLE LOCATION :

SAMPLE - DESCRIPTION : DARK GRAY SOFT FIBROUS.

RESULT OF BULK SAMPLE ANALYSIS (BY VISUAL VOLUMETRIC PERCENTAGE)			
ASBESTOS FIBERS		**NONFIBROUS COMPONENTS**	
CHRYSOTILE		VERMICULITE	
AMOSITE		BIOTITE	
CROCIDOLITE		MICA	
ANTHOPHYLLITE		PERLITE	
TREMOLITE		AGGREGATE/SAND	
ACTINOLITE		STYROFOAM	
NONASBESTOS FIBERS		**OTHER COMPONENTS**	
SYNTHETICS		ALUMINUM	
MINERAL WOOL		BITUMEN	
FIBERGLASS	90	RESILIENT MATERIAL	
CELLULOSE		GLUE	
ANIMAL HAIR		BINDERS	10
ANTIGORITE			

COMMENTS :

It is certified by the signatures below that this laboratory is accredited by the National Institute of Standards and Technology under NVLAP for the analysis of asbestos in building materials by polarized light microscopy. NVLAP Laboratory Code: 2033. Test report relates only to the items tested.

MICROANALYST : A. Gend

ARKADIY GENDLIN

QUALITY CONTROL BY :

SVETLANA ARKHIPOV

Analytical Environmental Services, Inc.
3781 Presidential Parkway, Suite 111, Atlanta, GA 30340
TEL: (770)457-8177 FAX: (770)457-8188

CLIENT NAME : MATRIX ENGINEERING GROUP DATE : 1/27/98

PROJECT NAME: BROOK RUN / 97141.6

SAMPLE ID : 21A-B6-CK AES LAB NO : 103277 AES JOB NO : B6759

SAMPLE LOCATION :

SAMPLE - DESCRIPTION LIGHT GRAY SEMI-HARD SILTY WITH FIBERS & PAINT.

RESULT OF BULK SAMPLE ANALYSIS (BY VISUAL VOLUMETRIC PERCENTAGE)			
ASBESTOS FIBERS		**NONFIBROUS COMPONENTS**	
CHRYSOTILE		VERMICULITE	
AMOSITE		BIOTITE	
CROCIDOLITE		MICA	
ANTHOPHYLLITE		PERLITE	
TREMOLITE		AGGREGATE/SAND	
ACTINOLITE		STYROFOAM	
NONASBESTOS FIBERS		**OTHER COMPONENTS**	
SYNTHETICS	1	ALUMINUM	
MINERAL WOOL		BITUMEN	
FIBERGLASS		RESILIENT MATERIAL	
CELLULOSE	1	GLUE	
ANIMAL HAIR		BINDERS	98
ANTIGORITE			

COMMENTS : PAINT INCLUDED AS BINDER.

It is certified by the signatures below that this laboratory is accredited by the National Institute of Standards and Technology under NVLAP for the analysis of asbestos in building materials by polarized light microscopy. NVLAP Laboratory Code: 2033. Test report relates only to the items tested.

MICROANALYST : A. Gend

ARKADIY GENDLIN

QUALITY CONTROL BY : S. Arkhipov

SVETLANA ARKHIPOV

Analytical Environmental Services, Inc.
3781 Presidential Parkway, Suite 111, Atlanta, GA 30340
TEL: (770)457-8177 FAX: (770)457-8188

CLIENT NAME : MATRIX ENGINEERING GROUP **DATE :** 1/27/98

PROJECT NAME: BROOK RUN / 97141.6

SAMPLE ID : 22A-B7-WG **AES LAB NO :** 103278 **AES JOB NO :** B6759

SAMPLE LOCATION :

SAMPLE - DESCRIPTION LAYERED: 1) LIGHT GRAY SEMI-HARD SILTY WITH FIBERS AND PAINT; 2) LIGHT BROWN SEMI-HARD PARTLY GRANULAR TO PERLITIC WITH FIBERS.

RESULT OF BULK SAMPLE ANALYSIS (BY VISUAL VOLUMETRIC PERCENTAGE)			
ASBESTOS FIBERS		**NONFIBROUS COMPONENTS**	
CHRYSOTILE		VERMICULITE	
AMOSITE		BIOTITE	
CROCIDOLITE		MICA	
ANTHOPHYLLITE		PERLITE	5
TREMOLITE		AGGREGATE/SAND	5
ACTINOLITE		STYROFOAM	
NONASBESTOS FIBERS		**OTHER COMPONENTS**	
SYNTHETICS	1	ALUMINUM	
MINERAL WOOL		BITUMEN	
FIBERGLASS		RESILIENT MATERIAL	
CELLULOSE	1	GLUE	
ANIMAL HAIR		BINDERS	88
ANTIGORITE			

COMMENTS : PAINT INCLUDED AS BINDER.

It is certified by the signatures below that this laboratory is accredited by the National Institute of Standards and Technology under NVLAP for the analysis of asbestos in building materials by polarized light microscopy. NVLAP Laboratory Code: 2033. Test report relates only to the items tested.

MICROANALYST :

ARKADIY GENDLIN

QUALITY CONTROL BY :

SVETLANA ARKHIPOV

Analytical Environmental Services, Inc.
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TEL: (770)457-8177 FAX: (770)457-8188

CLIENT NAME : MATRIX ENGINEERING GROUP **DATE :** 1/27/98

PROJECT NAME: BROOK RUN / 97141.6

SAMPLE ID : 23A-B14-WG **AES LAB NO :** 103279 **AES JOB NO :** B6759

SAMPLE LOCATION :

SAMPLE DESCRIPTION - LIGHT BROWN SEMI-HARD SILTY TO PERLITIC WITH FIBERS.

RESULT OF BULK SAMPLE ANALYSIS (BY VISUAL VOLUMETRIC PERCENTAGE)			
ASBESTOS FIBERS		**NONFIBROUS COMPONENTS**	
CHRYSOTILE		VERMICULITE	
AMOSITE		BIOTITE	
CROCIDOLITE		MICA	
ANTHOPHYLLITE		PERLITE	20
TREMOLITE		AGGREGATE/SAND	
ACTINOLITE		STYROFOAM	
NONASBESTOS FIBERS		**OTHER COMPONENTS**	
SYNTHETICS	1	ALUMINUM	
MINERAL WOOL		BITUMEN	
FIBERGLASS		RESILIENT MATERIAL	
CELLULOSE	1	GLUE	
ANIMAL HAIR		BINDERS	78
ANTIGORITE			

COMMENTS :

It is certified by the signatures below that this laboratory is accredited by the National Institute of Standards and Technology under NVLAP for the analysis of asbestos in building materials by polarized light microscopy. NVLAP Laboratory Code: 2033. Test report relates only to the items tested.

MICROANALYST : A. Gend

ARKADIY GENDLIN

QUALITY CONTROL BY : S. Arkhipov

SVETLANA ARKHIPOV

Analytical Environmental Services, Inc.
3781 Presidential Parkway, Suite 111, Atlanta, GA 30340
TEL: (770)457-8177 FAX: (770)457-8188

CLIENT NAME : MATRIX ENGINEERING GROUP DATE : 1/27/98

PROJECT NAME: BROOK RUN / 97141.6

SAMPLE ID : 24A-B14-FC AES LAB NO : 103280 AES JOB NO : B6759

SAMPLE LOCATION :

SAMPLE - DESCRIPTION BROWN TO YELLOW SEMI-HARD FIBROUS TO RESILIENT.

RESULT OF BULK SAMPLE ANALYSIS (BY VISUAL VOLUMETRIC PERCENTAGE)			
ASBESTOS FIBERS		**NONFIBROUS COMPONENTS**	
CHRYSOTILE		VERMICULITE	
AMOSITE		BIOTITE	
CROCIDOLITE		MICA	
ANTHOPHYLLITE		PERLITE	
TREMOLITE		AGGREGATE/SAND	
ACTINOLITE		STYROFOAM	
NONASBESTOS FIBERS		**OTHER COMPONENTS**	
SYNTHETICS	75	ALUMINUM	
MINERAL WOOL		BITUMEN	
FIBERGLASS		RESILIENT MATERIAL	20
CELLULOSE	2	GLUE	
ANIMAL HAIR		BINDERS	3
ANTIGORITE			

COMMENTS :

It is certified by the signatures below that this laboratory is accredited by the National Institute of Standards and Technology under NVLAP for the analysis of asbestos in building materials by polarized light microscopy. NVLAP Laboratory Code: 2033. Test report relates only to the items tested.

MICROANALYST :

ARKADIY GENDLIN

QUALITY CONTROL BY :

SVETLANA ARKHIPOV

Analytical Environmental Services, Inc.
3781 Presidential Parkway, Suite 111, Atlanta, GA 30340
TEL: (770)457-8177 FAX: (770)457-8188

CLIENT NAME : MATRIX ENGINEERING GROUP DATE : 1/27/98

PROJECT NAME: BROOK RUN / 97141.6

SAMPLE ID : 25A-B14-FC2 AES LAB NO : 103281 AES JOB NO : B6759

SAMPLE LOCATION :

SAMPLE DESCRIPTION - BROWN TO LIGHT BROWN SEMI-HARD FIBROUS TO RESILIENT WITH GLUE.

RESULT OF BULK SAMPLE ANALYSIS (BY VISUAL VOLUMETRIC PERCENTAGE)			
ASBESTOS FIBERS		**NONFIBROUS COMPONENTS**	
CHRYSOTILE		VERMICULITE	
AMOSITE		BIOTITE	
CROCIDOLITE		MICA	
ANTHOPHYLLITE		PERLITE	
TREMOLITE		AGGREGATE/SAND	
ACTINOLITE		STYROFOAM	
NONASBESTOS FIBERS		**OTHER COMPONENTS**	
SYNTHETICS	75	ALUMINUM	
MINERAL WOOL		BITUMEN	
FIBERGLASS		RESILIENT MATERIAL	15
CELLULOSE	5	GLUE	3
ANIMAL HAIR		BINDERS	2
ANTIGORITE			

COMMENTS :

It is certified by the signatures below that this laboratory is accredited by the National Institute of Standards and Technology under NVLAP for the analysis of asbestos in building materials by polarized light microscopy. NVLAP Laboratory Code: 2033. Test report relates only to the items tested.

MICROANALYST : A. Gen

ARKADIY GENDLIN

QUALITY CONTROL BY : S. Arkhipov

SVETLANA ARKHIPOV

Analytical Environmental Services, Inc.
3781 Presidential Parkway, Suite 111, Atlanta, GA 30340
TEL: (770)457-8177 FAX: (770)457-8188

CLIENT NAME : MATRIX ENGINEERING GROUP DATE : 1/27/98

PROJECT NAME: BROOK RUN / 97141.6

SAMPLE ID : 26A-B14-FT AES LAB NO : 103282 AES JOB NO : B675

SAMPLE LOCATION :

SAMPLE - DESCRIPTION BEIGE SEMI-HARD RESILIENT WITH FIBERS AND GLUE.

RESULT OF BULK SAMPLE ANALYSIS (BY VISUAL VOLUMETRIC PERCENTAGE)			
ASBESTOS FIBERS		NONFIBROUS COMPONENTS	
CHRYSOTILE		VERMICULITE	
AMOSITE		BIOTITE	
CROCIDOLITE		MICA	
ANTHOPHYLLITE		PERLITE	
TREMOLITE		AGGREGATE/SAND	
ACTINOLITE		STYROFOAM	
NONASBESTOS FIBERS		OTHER COMPONENTS	
SYNTHETICS	1	ALUMINUM	
MINERAL WOOL		BITUMEN	
FIBERGLASS		RESILIENT MATERIAL	95
CELLULOSE	1	GLUE	1
ANIMAL HAIR		BINDERS	2
ANTIGORITE			

COMMENTS :

It is certified by the signatures below that this laboratory is accredited by the National Institute of Standards and Technology under NVLAP for the analysis of asbestos in building materials by polarized light microscopy. NVLAP Laboratory Code: 2033. Test report relates only to the items tested.

MICROANALYST : _____
ARKADIY GENDLIN

QUALITY CONTROL BY : _____
SVETLANA ARKHIPOV

Analytical Environmental Services, Inc.
3781 Presidential Parkway, Suite 111, Atlanta, GA 30340
TEL: (770)457-8177 FAX: (770)457-8188

CLIENT NAME : MATRIX ENGINEERING GROUP DATE : 1/27/98

PROJECT NAME: BROOK RUN / 97141.6

SAMPLE ID : 27A-B19-AR AES LAB NO : 103283 AES JOB NO : B675

SAMPLE LOCATION :

SAMPLE - DESCRIPTION: LAYERED: 1) BLACK SEMI-HARD PARTLY GRANULAR TO BITUMENOUS; 2) BLACK SEMI-HARD BITUMENOUS TO FIBROUS.

RESULT OF BULK SAMPLE ANALYSIS (BY VISUAL VOLUMETRIC PERCENTAGE)			
ASBESTOS FIBERS		**NONFIBROUS COMPONENTS**	
CHRYSOTILE		VERMICULITE	
AMOSITE		BIOTITE	
CROCIDOLITE		MICA	
ANTHOPHYLLITE		PERLITE	
TREMOLITE		AGGREGATE/SAND	15
ACTINOLITE		STYROFOAM	
NONASBESTOS FIBERS		**OTHER COMPONENTS**	
SYNTHETICS		ALUMINUM	
MINERAL WOOL		BITUMEN	55
FIBERGLASS	25	RESILIENT MATERIAL	
CELLULOSE		GLUE	
ANIMAL HAIR		BINDERS	5
ANTIGORITE			

COMMENTS :

It is certified by the signatures below that this laboratory is accredited by the National Institute of Standards and Technology under NVLAP for the analysis of asbestos in building materials by polarized light microscopy. NVLAP Laboratory Code: 2033. Test report relates only to the items tested.

MICROANALYST :

ARKADIY GENDLIN

QUALITY CONTROL BY :

SVETLANA ARKHIPOV

Analytical Environmental Services, Inc.
3781 Presidential Parkway, Suite 111, Atlanta, GA 30340
TEL: (770)457-8177 FAX: (770)457-8188

CLIENT NAME : MATRIX ENGINEERING GROUP DATE : 1/27/98

PROJECT NAME: BROOK RUN / 97141.6

SAMPLE ID : 28A-B12-WG AES LAB NO : 103284 AES JOB NO : B6759

SAMPLE LOCATION :

SAMPLE - DESCRIPTION LAYERED: 1) LIGHT BROWN SOFT FIBROUS WITH PAINT;
2) LIGHT GRAY SEMI-HARD SILTY WITH FIBERS.

RESULT OF BULK SAMPLE ANALYSIS (BY VISUAL VOLUMETRIC PERCENTAGE)			
ASBESTOS FIBERS		**NONFIBROUS COMPONENTS**	
CHRYSOTILE		VERMICULITE	
AMOSITE		BIOTITE	
CROCIDOLITE		MICA	
ANTHOPHYLLITE		PERLITE	
TREMOLITE		AGGREGATE/SAND	
ACTINOLITE		STYROFOAM	
NONASBESTOS FIBERS		**OTHER COMPONENTS**	
SYNTHETICS		ALUMINUM	
MINERAL WOOL		BITUMEN	
FIBERGLASS	3	RESILIENT MATERIAL	
CELLULOSE	25	GLUE	
ANIMAL HAIR		BINDERS	72
ANTIGORITE			

COMMENTS : PAINT INCLUDED AS BINDER.

It is certified by the signatures below that this laboratory is accredited by the National Institute of Standards and Technology under NVLAP for the analysis of asbestos in building materials by polarized light microscopy. NVLAP Laboratory Code: 2033. Test report relates only to the items tested.

MICROANALYST : A. Gen

ARKADIY GENDLIN

QUALITY CONTROL BY : S. Arkhipov

SVETLANA ARKHIPOV

Analytical Environmental Services, Inc.
3781 Presidential Parkway, Suite 111, Atlanta, GA 30340
TEL: (770)457-8177 FAX: (770)457-8188

ENT NAME : MATRIX ENGINEERING GROUP DATE : 1/27/98

JECT NAME: BROOK RUN / 97141.6

PLE ID : 29A-B12-GH AES LAB NO : 103285 AES JOB NO : B6759

PLE LOCATION :

PLE - LIGHT BROWN TO GRAY SOFT FIBROUS TO SILTY.
CRIPTION

RESULT OF BULK SAMPLE ANALYSIS (BY VISUAL VOLUMETRIC PERCENTAGE)			
ASBESTOS FIBERS		NONFIBROUS COMPONENTS	
CHRYSOTILE		VERMICULITE	
AMOSITE		BIOTITE	
CROCIDOLITE		MICA	
ANTHOPHYLLITE		PERLITE	
CREMOLITE		AGGREGATE/SAND	
ACTINOLITE		STYROFOAM	
NONASBESTOS FIBERS		OTHER COMPONENTS	
SYNTHETICS		ALUMINUM	
MINERAL WOOL		BITUMEN	
FIBERGLASS		RESILIENT MATERIAL	
CELLULOSE	80	GLUE	
ANIMAL HAIR		BINDERS	20
ANTIGORITE			

MENTS :

is certified by the signatures below that this laboratory is accredited the National Institute of Standards and Technology under NVLAP for the alysis of asbestos in building materials by polarized light microscopy. LAP Laboratory Code: 2033. Test report relates only to the items tested.

ROANALYST : A. Gen

ADIY GENDLIN

QUALITY CONTROL BY :

SVETLANA ARKHIPOV

Analytical Environmental Services, Inc.
3781 Presidential Parkway, Suite 111, Atlanta, GA 30340
TEL: (770)457-8177 FAX: (770)457-8188

CLIENT NAME : MATRIX ENGINEERING GROUP DATE : 1/27/98

PROJECT NAME: BROOK RUN / 97141.6

SAMPLE ID : 31A-B13-CT AES LAB NO : 103287 AES JOB NO : B6759

SAMPLE LOCATION :

SAMPLE - DESCRIPTION GRAY SOFT FIBROUS TO PERLITIC WITH PAINT.

RESULT OF BULK SAMPLE ANALYSIS (BY VISUAL VOLUMETRIC PERCENTAGE)			
ASBESTOS FIBERS		**NONFIBROUS COMPONENTS**	
CHRYSOTILE		VERMICULITE	
AMOSITE		BIOTITE	
CROCIDOLITE		MICA	
ANTHOPHYLLITE		PERLITE	25
TREMOLITE		AGGREGATE/SAND	
ACTINOLITE		STYROFOAM	
NONASBESTOS FIBERS		**OTHER COMPONENTS**	
SYNTHETICS		ALUMINUM	
MINERAL WOOL	45	BITUMEN	
FIBERGLASS		RESILIENT MATERIAL	
CELLULOSE	15	GLUE	
ANIMAL HAIR		BINDERS	15
ANTIGORITE			

COMMENTS : PAINT INCLUDED AS BINDER.

It is certified by the signatures below that this laboratory is accredited by the National Institute of Standards and Technology under NVLAP for the analysis of asbestos in building materials by polarized light microscopy. NVLAP Laboratory Code: 2033. Test report relates only to the items tested.

MICROANALYST :

ARKADIY GENDLIN

QUALITY CONTROL BY :

SVETLANA ARKHIPOV

Analytical Environmental Services, Inc.
3781 Presidential Parkway, Suite 111, Atlanta, GA 30340
TEL: (770)457-8177 FAX: (770)457-8188

CLIENT NAME : MATRIX ENGINEERING GROUP DATE : 1/27/98

PROJECT NAME: BROOK RUN / 97141.6

SAMPLE ID : 32A-B13-RF AES LAB NO : 103288 AES JOB NO : B6759

SAMPLE LOCATION :

SAMPLE - DESCRIPTION BLACK SEMI-HARD FIBROUS TO BITUMENOUS.

RESULT OF BULK SAMPLE ANALYSIS (BY VISUAL VOLUMETRIC PERCENTAGE)			
ASBESTOS FIBERS		**NONFIBROUS COMPONENTS**	
CHRYSOTILE		VERMICULITE	
AMOSITE		BIOTITE	
CROCIDOLITE		MICA	
ANTHOPHYLLITE		PERLITE	
TREMOLITE		AGGREGATE/SAND	
ACTINOLITE		STYROFOAM	
NONASBESTOS FIBERS		**OTHER COMPONENTS**	
SYNTHETICS	5	ALUMINUM	
MINERAL WOOL		BITUMEN	45
FIBERGLASS		RESILIENT MATERIAL	
CELLULOSE	45	GLUE	
ANIMAL HAIR		BINDERS	5
ANTIGORITE			

COMMENTS :

It is certified by the signatures below that this laboratory is accredited by the National Institute of Standards and Technology under NVLAP for the analysis of asbestos in building materials by polarized light microscopy. NVLAP Laboratory Code: 2033. Test report relates only to the items tested.

MICROANALYST : A. Gend

ARKADIY GENDLIN

QUALITY CONTROL BY : S. Arkhipov

SVETLANA ARKHIPOV

Analytical Environmental Services, Inc.
3781 Presidential Parkway, Suite 111, Atlanta, GA 30340
TEL: (770)457-8177 FAX: (770)457-8188

CLIENT NAME : MATRIX ENGINEERING GROUP DATE : 1/27/98

PROJECT NAME: BROOK RUN / 97141.6

SAMPLE ID : 33A-B13-RS AES LAB NO : 103289 AES JOB NO : B6759

SAMPLE LOCATION :

SAMPLE - DESCRIPTION: LAYERED: 1) BLACK SEMI-HARD PARTLY GRANULAR TO BITUMENOUS; 2) BLACK SEMI-HARD BITUMENOUS TO FIBROUS.

RESULT OF BULK SAMPLE ANALYSIS (BY VISUAL VOLUMETRIC PERCENTAGE)			
ASBESTOS FIBERS		**NONFIBROUS COMPONENTS**	
CHRYSOTILE		VERMICULITE	
AMOSITE		BIOTITE	
CROCIDOLITE		MICA	
ANTHOPHYLLITE		PERLITE	
TREMOLITE		AGGREGATE/SAND	15
ACTINOLITE		STYROFOAM	
NONASBESTOS FIBERS		**OTHER COMPONENTS**	
SYNTHETICS		ALUMINUM	
MINERAL WOOL		BITUMEN	55
FIBERGLASS	25	RESILIENT MATERIAL	
CELLULOSE		GLUE	
ANIMAL HAIR		BINDERS	5
ANTIGORITE			

COMMENTS :

It is certified by the signatures below that this laboratory is accredited by the National Institute of Standards and Technology under NVLAP for the analysis of asbestos in building materials by polarized light microscopy. NVLAP Laboratory Code: 2033. Test report relates only to the items tested.

MICROANALYST : A. Gend

ARKADIY GENDLIN

QUALITY CONTROL BY : S. Arkhipov

SVETLANA ARKHIPOV

Analytical Environmental Services, Inc.
3781 Presidential Parkway, Suite 111, Atlanta, GA 30340
TEL: (770)457-8177 FAX: (770)457-8188

CLIENT NAME : MATRIX ENGINEERING GROUP DATE : 1/27/98

PROJECT NAME: BROOK RUN / 97141.6

SAMPLE ID : 34A-B15-FT AES LAB NO : 103290 AES JOB NO : B675

SAMPLE LOCATION :

SAMPLE - DESCRIPTION: BEIGE SEMI-HARD RESILIENT WITH FIBERS AND GLUE.

RESULT OF BULK SAMPLE ANALYSIS (BY VISUAL VOLUMETRIC PERCENTAGE)			
ASBESTOS FIBERS		**NONFIBROUS COMPONENTS**	
CHRYSOTILE	< 1	VERMICULITE	
AMOSITE		BIOTITE	
CROCIDOLITE		MICA	
ANTHOPHYLLITE		PERLITE	
TREMOLITE		AGGREGATE/SAND	
ACTINOLITE		STYROFOAM	
NONASBESTOS FIBERS		**OTHER COMPONENTS**	
SYNTHETICS	1	ALUMINUM	
MINERAL WOOL		BITUMEN	
FIBERGLASS		RESILIENT MATERIAL	90
CELLULOSE	1	GLUE	5
ANIMAL HAIR		BINDERS	3
ANTIGORITE			

COMMENTS : GLUE CONTAINS 1-2% CHRYSOTILE. RESILIENT DOES NOT CONTAIN ASBESTOS

It is certified by the signatures below that this laboratory is accredited by the National Institute of Standards and Technology under NVLAP for the analysis of asbestos in building materials by polarized light microscopy. NVLAP Laboratory Code: 2033. Test report relates only to the items tested.

MICROANALYST :

ARKADIY GENDLIN

QUALITY CONTROL BY :

SVETLANA ARKHIPOV

Analytical Environmental Services, Inc.
3781 Presidential Parkway, Suite 111, Atlanta, GA 30340
TEL: (770)457-8177 FAX: (770)457-8188

CLIENT NAME : MATRIX ENGINEERING GROUP DATE : 1/27/98

PROJECT NAME: BROOK RUN / 97141.6

SAMPLE ID : 35A-B15-CT AES LAB NO : 103291 AES JOB NO : B6759

SAMPLE LOCATION :

SAMPLE DESCRIPTION - GRAY SOFT FIBROUS TO SILTY.

RESULT OF BULK SAMPLE ANALYSIS (BY VISUAL VOLUMETRIC PERCENTAGE)			
ASBESTOS FIBERS		**NONFIBROUS COMPONENTS**	
CHRYSOTILE		VERMICULITE	
AMOSITE	1 - 2	BIOTITE	
CROCIDOLITE		MICA	
ANTHOPHYLLITE		PERLITE	
TREMOLITE		AGGREGATE/SAND	
ACTINOLITE		STYROFOAM	
NONASBESTOS FIBERS		**OTHER COMPONENTS**	
SYNTHETICS		ALUMINUM	
MINERAL WOOL	75	BITUMEN	
FIBERGLASS		RESILIENT MATERIAL	
CELLULOSE		GLUE	
ANIMAL HAIR		BINDERS	23 - 24
ANTIGORITE			

COMMENTS :

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MICROANALYST A. Gen

ARKADIY GENDLIN

QUALITY CONTROL BY :

SVETLANA ARKHIPOV

Analytical Environmental Services, Inc.
3781 Presidential Parkway, Suite 111, Atlanta, GA 30340
TEL: (770)457-8177 FAX: (770)457-8188

CLIENT NAME : MATRIX ENGINEERING GROUP DATE : 1/27/98

PROJECT NAME: BROOK RUN / 97141.6

SAMPLE ID : 36A-B16-FT AES LAB NO : 103296 AES JOB NO : B6761

SAMPLE LOCATION :

SAMPLE - DESCRIPTION BEIGE SEMI-HARD RESILIENT WITH FIBERS AND GLUE.

RESULT OF BULK SAMPLE ANALYSIS (BY VISUAL VOLUMETRIC PERCENTAGE)			
ASBESTOS FIBERS		**NONFIBROUS COMPONENTS**	
CHRYSOTILE		VERMICULITE	
AMOSITE		BIOTITE	
CROCIDOLITE		MICA	
ANTHOPHYLLITE		PERLITE	
TREMOLITE		AGGREGATE/SAND	
ACTINOLITE		STYROFOAM	
NONASBESTOS FIBERS		**OTHER COMPONENTS**	
SYNTHETICS	1	ALUMINUM	
MINERAL WOOL		BITUMEN	
FIBERGLASS		RESILIENT MATERIAL	90
CELLULOSE	1	GLUE	3
ANIMAL HAIR		BINDERS	5
ANTIGORITE			

COMMENTS :

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MICROANALYST : A. Gen

ARKADIY GENDLIN

QUALITY CONTROL BY : S. Arkhipov

SVETLANA ARKHIPOV

Analytical Environmental Services, Inc.
3781 Presidential Parkway, Suite 111, Atlanta, GA 30340
TEL: (770)457-8177 FAX: (770)457-8188

CLIENT NAME : MATRIX ENGINEERING GROUP DATE : 1/27/98

PROJECT NAME: BROOK RUN / 97141.6

SAMPLE ID : 37A-B16-CT AES LAB NO : 103297 AES JOB NO : B6761

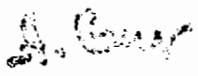
SAMPLE LOCATION :

SAMPLE - DESCRIPTION GRAY SOFT FIBROUS TO SILTY WITH PAINT.

RESULT OF BULK SAMPLE ANALYSIS (BY VISUAL VOLUMETRIC PERCENTAGE)			
ASBESTOS FIBERS		**NONFIBROUS COMPONENTS**	
CHRYSOTILE		VERMICULITE	
AMOSITE	3	BIOTITE	
CROCIDOLITE		MICA	
ANTHOPHYLLITE		PERLITE	
TREMOLITE		AGGREGATE/SAND	
ACTINOLITE		STYROFOAM	
NONASBESTOS FIBERS		**OTHER COMPONENTS**	
SYNTHETICS		ALUMINUM	
MINERAL WOOL	85	BITUMEN	
FIBERGLASS		RESILIENT MATERIAL	
CELLULOSE		GLUE	
ANIMAL HAIR		BINDERS	12
ANTIGORITE			

COMMENTS : PAINT INCLUDED AS BINDER.

It is certified by the signatures below that this laboratory is accredited by the National Institute of Standards and Technology under NVLAP for the analysis of asbestos in building materials by polarized light microscopy. NVLAP Laboratory Code: 2033. Test report relates only to the items tested.

MICROANALYST : 

ARKADIY GENDLIN

QUALITY CONTROL BY : 

SVETLANA ARKHIPOV

Analytical Environmental Services, Inc.
3781 Presidential Parkway, Suite 111, Atlanta, GA 30340
TEL: (770)457-8177 FAX: (770)457-8188

CLIENT NAME : MATRIX ENGINEERING GROUP DATE : 1/27/98

PROJECT NAME: BROOK RUN / 97141.6

SAMPLE ID : 38A-B16-CW AES LAB NO : 103298 AES JOB NO : B6761

SAMPLE LOCATION :

SAMPLE - DESCRIPTION: LAYERED: 1) LIGHT GRAY SEMI-HARD SILTY WITH FIBERS, MICA & PAINT
2) LIGHT BROWN SEMI-HARD PARTLY GRANULAR WITH FIBERS & MICA.

RESULT OF BULK SAMPLE ANALYSIS (BY VISUAL VOLUMETRIC PERCENTAGE)			
ASBESTOS FIBERS		**NONFIBROUS COMPONENTS**	
CHRYSOTILE		VERMICULITE	
AMOSITE		BIOTITE	
CROCIDOLITE		MICA	3
ANTHOPHYLLITE		PERLITE	
TREMOLITE		AGGREGATE/SAND	20
ACTINOLITE		STYROFOAM	
NONASBESTOS FIBERS		**OTHER COMPONENTS**	
SYNTHETICS	1	ALUMINUM	
MINERAL WOOL		BITUMEN	
FIBERGLASS		RESILIENT MATERIAL	
CELLULOSE	1	GLUE	
ANIMAL HAIR		BINDERS	75
ANTIGORITE			

COMMENTS : PAINT INCLUDED AS BINDER.

It is certified by the signatures below that this laboratory is accredited by the National Institute of Standards and Technology under NVLAP for the analysis of asbestos in building materials by polarized light microscopy. NVLAP Laboratory Code: 2033. Test report relates only to the items tested.

MICROANALYST : A. Gend

ARKADIY GENDLIN

QUALITY CONTROL BY :

SVETLANA ARKHIPOV

TABLE OF CONTENTS

1.0 INTRODUCTION

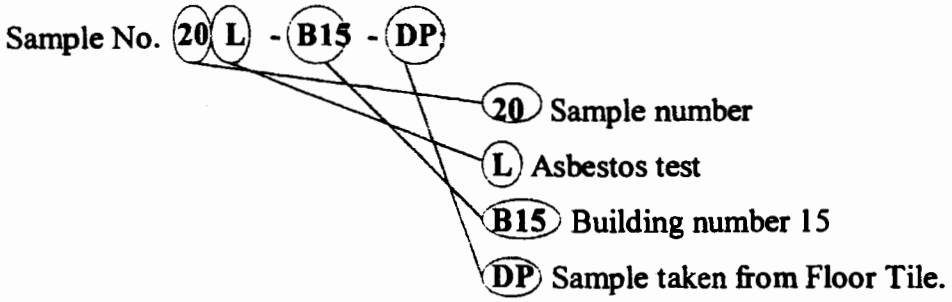
Matrix Engineering Group has performed a limited lead-based paint sampling and testing at the subject site. The purpose of the sampling was to collect representative samples from predominant surfaces throughout the building. Results can be utilized for planning renovations, and incorporating any lead-based paint requirements, which may be necessary to control occupant and construction worker exposures. The samples were collected from the existing structures during the site visits that were conducted as part of the Environmental Study - Phase I. Drinking water was also sampled and tested for presence of lead.

The suspect lead-based paint identified within the existing structures included, but was not limited to, surface paints from walls, doors, windows, ceilings, and mechanical equipment.

2.0 SAMPLING AND ANALYTICAL TESTING PROGRAM

Water and bulk samples were collected for lead-based paint testing. The lead-based paint samples were taken from accessible areas, such as hallways, ceilings, doors, and mechanical equipment at each structure. No attempts were made to disassemble equipment, demolish structural and finish materials. Sampling of lead-based paint from inaccessible areas was not in the scope of this phase. The areas that were not sampled included, but were not limited to, steel beams, columns, surface paints on equipment and pipes that are above ceilings, roofs, or underground.

A total of twenty-three (23) suspect lead-based paint samples were collected from readily accessible areas from the existing structures. Additionally, two (2) drinking water samples were collected; one at the water fountain in the Administration Building (#8), and the other from the bathroom faucet at the Maintenance Building (Building # 9). The water samples were placed in containers prepared by Analytical Environmental Services, Inc. and the bulk samples were placed in plastic containers and transported to the laboratory for testing. The sample type, date, and location were recorded on the Chain of Custody, which are provided in Appendix A of this report. The test samples were labeled in a manner that includes the building number, the type of test performed, and the type of material sampled. The following sample number designation was used to provide the reader with a quick reference:



The building numbers are provided in Figure 1, Appendix A of this report. Additional sample descriptions are provided in the Chain of Custody records. The following sample designations were used:

P: Paint	DP: Door Paint
SDP: Sliding Door Paint	EP: Equipment Paint
WP: Wall Paint	FDP: Front Door Paint
WP: Wall Paint	WG: Wall Gypsum

The laboratory testing was performed utilizing EPA Method 200.7 for the water samples and Hotplate or Microwave Based Acid Digestions and AA or ICP for the lead-based paint bulk samples. A description of the materials sampled, analytical results, and Chain of Custody records are provided in Appendix A.

3.0 ANALYTCAL TEST RESULTS

The analytical test results showed that the water was free of lead. However, lead was detected in several of the paints and surface coatings samples that were collected from the structures. The samples that contained lead, their locations, and the lead levels are provided in the following table. A detailed information of all the samples that were tested is provided in Appendix A of this report.

Sample No.	Description and Location	Level (% by weight)
5L-B1-WP	Wall paint, Building 1, Laundry Rm,	0.03
6L-B1-WP	Wall paint, Building 1, Second Floor Mechanical Rm D201A	4.51
9L-B3-EP	Equipment paint, Building 3, Mechanical Room	0.72
11L-B8-WP	Wall paint, Building 8, Room 102	0.89
12L-B5-DP	Door paint, Building 5, Restroom	0.25
12L-B6-EP	Equipment paint, Building 6, Mechanical Room	0.30
15L-B9-BP	Surface paint, Building 9, Second Floor, Locker Rm	0.25
17L-B14-DP	Door-frame paint, building 14, first floor	2.15
18L-B14-SDP	Sliding door paint, Building 14, Behind stage	0.14
20L-B13-FP	Furnace paint, Building 13	0.10
22L-B16-DP	Door paint, Building 16, Room 109	0.75
23L-B16-FDP	Front door paint, Building 16, Room 4	0.49
24L-NPL-P	Surface paints, 18,000-gallon Natural liquid phase tanks	0.49

4.0 REGULATORY REVIEW

In June, 1977, lead-based paint was defined as paint containing more than 0.06% lead, and the Consumer Product Safety Commission banned the sale of lead-based paint to consumers and the use of lead-based paint in residences and other areas where consumers have direct access to painted surfaces. Throughout the 1980's and 1990's, the Department of Housing and Urban Development has been involved in lead-based paint regulation and development of technical guidelines for testing, abatement, clean-up and disposal of lead-

based paint. HUD defines lead-based paint as any applied coating which contains 0.5% lead, by weight. The definition is provided in their 1995 publication, *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing*. The presence of lead-containing paint does not in itself necessarily constitute a hazard. A lead-based paint hazard is defined as "any condition that causes exposure to lead that would result in adverse human health effects". Such exposures would come from lead-contaminated dust; lead contaminated soil; lead-based paint that is deteriorated or present, accessible, friction or impact surfaces.

The purpose of the HUD Guidelines is to reduce childhood exposure to lead in housing and child-occupied facilities. There does not exist a set of guidelines for the commercial or office environment. OSHA, which governs workplace hazards, is concerned with exposures generated in more traditional industrial related settings, and also during construction-related activities. The OSHA Lead in Construction Standard (29 CFR 1926.62) would apply during any renovation or repair activities. OSHA's definition of lead-based paint includes any amount of lead in paint. Other regulations which would apply to the Brook Run facility would be disposal of construction debris which includes any painted components. This disposal is governed under EPA's RCRA regulations, and tests of the construction waste stream are required to determine disposal requirements.

5.0 FINDINGS AND RECOMMENDATIONS

The analytical test results revealed that lead-based paints are present in several areas with lead concentration above the action level of 0.5% by weight. The state and federal regulations instituted strict guidelines for lead activities, such as, a survey prior to abatement, notification protocol, abatement procedures, monitoring requirements, and disposal of lead-based paints

We observed during our visits that new paints were applied on top of the lead-based paints inside the buildings. Mr. Garry Jackson, facility engineer of the State of Georgia, stated that the new paint that was used did not contain any lead. Based on these preliminary test results, it appears that abatement of lead-based paints was not performed prior to applying the new paints. Furthermore, upon a review of some of the design drawings prepared by Jones and Associates Architects and Engineers dated February 1966, lead-based paints were specified in the design drawings for the structural steel at the Cherry Tree Buildings (Building #1). Accordingly, based on the findings of the limited testing program performed, we provide the following recommendations.

5.1 Buildings to remain

Based on the site reconnaissance performed, it was observed that new non lead-based paints, which generally appeared to be in fair to good condition, covered most interior walls and surfaces. Therefore, we believe that minimum abatement and/or renovation will be required to prepare these buildings for occupancy. Mr. Garry Jackson of the State of Georgia indicated that a lead-based paint survey was never performed at the subject site. Therefore, it is recommend that a risk assessment including lead-based paint survey be

performed in accordance with the federal and local agencies guidelines in order to document the existing conditions and determine the areas that require repairs and/or abatement.

5.2 Buildings to be demolished

We recommend that the following be taken into consideration for demolishing of the buildings:

1. A survey to determine the presence and the extent of lead-based paints,
2. abatement and/or demolishing procedures to comply with local and federal requirements,
3. appropriate quality control measure such as testing and monitoring of the removal and/or demolishing to ensure safety of the workers, and,
4. appropriate disposal and/or recycling of these materials.

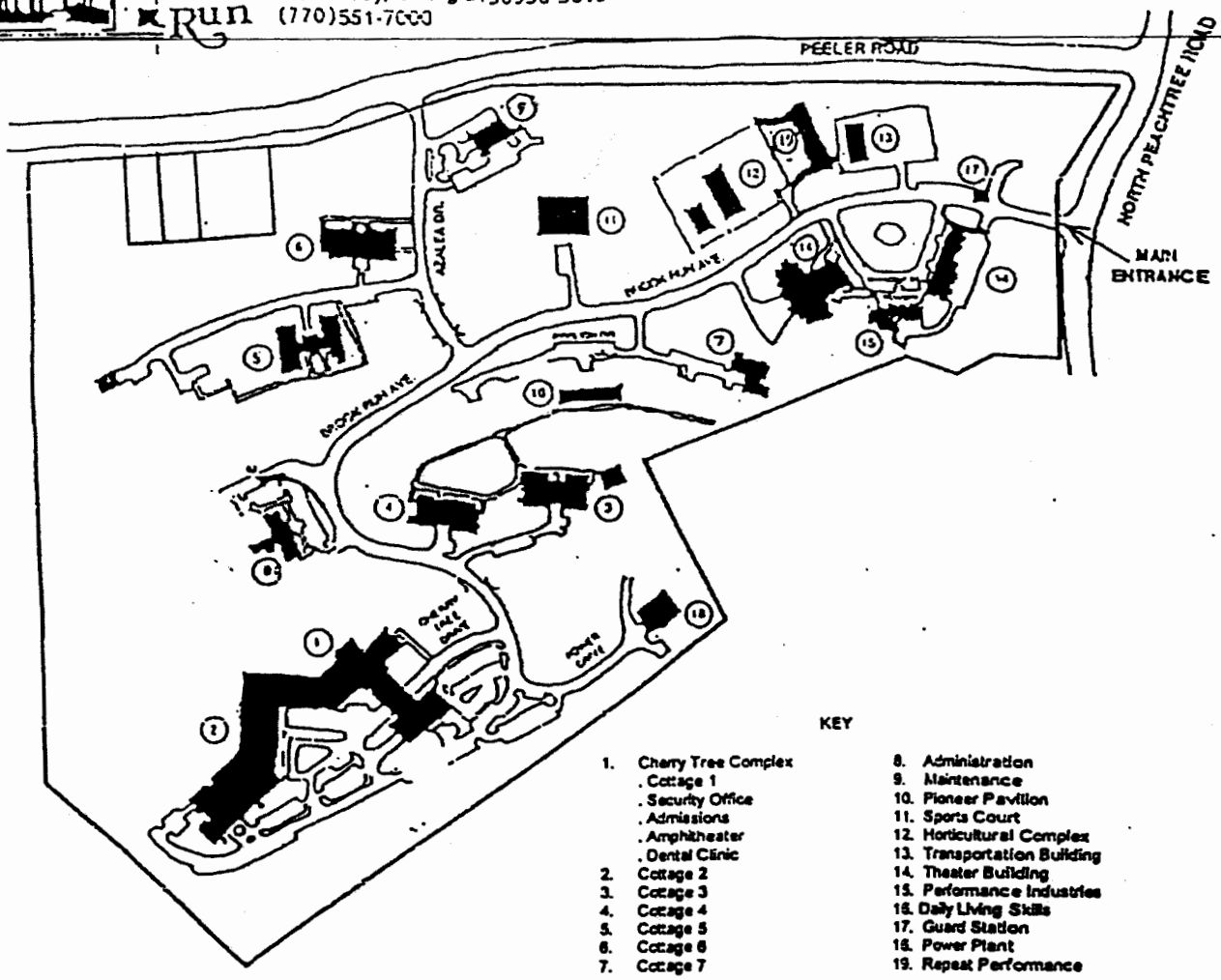
The attached documents complete this report

APPENDIX A

SITE LOCATION & BUILDING LAYOUT
LABORATORY TEST RESULTS
CHAIN OF CUSTODY RECORDS

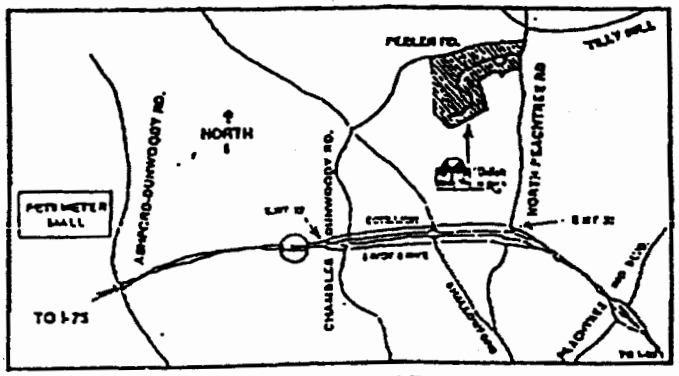
Brook Run

4770 North Peachtree Road
Dunwoody, Georgia 30338-5813
(770)551-7000



KEY

1. Cherry Tree Complex
   . Cottage 1
   . Security Office
   . Admissions
   . Amphitheater
   . Dental Clinic
2. Cottage 2
3. Cottage 3
4. Cottage 4
5. Cottage 5
6. Cottage 6
7. Cottage 7
8. Administration
9. Maintenance
10. Pioneer Pavilion
11. Sports Court
12. Horticultural Complex
13. Transportation Building
14. Theater Building
15. Performance Industries
16. Daily Living Skills
17. Guard Station
18. Power Plant
19. Repeat Performance



LOCATION MAP

MATRIX ENGINEERING GROUP ATLANTA, GEORGIA			TITLE **Site Location & Building Layout** **Brook Run Facility** **4770 North Peachtree Road** **Dunwoody, Georgia**		
CLIENT **Dekalb County Roads & Drainage, Decatur, GA**					
DRAWN -	REVIEWED SA	DATE 1/25/98	SCALE -	PROJECT NUMBER 97141.6	FIGURE 1

ANALYTICAL ENVIRONMENTAL SERVICES, INC.
3781 Presidential Parkway, Ste. 111
Atlanta, Georgia 30340
Ph. (770) 457-8177

TOTAL LEAD IN PAINT

PB92-114172 : "EPA SOPs for Lead in Paint by Hotplate or Microwave Based Acid Digestions and AA or ICP", September, 1991.

Client Name : Matrix Engineering Group
Project Name : Brook Run
Project Number: N/A
P.O. Number : N/A

Matrix : Paint
Analyst: MJ
Date Received: 1/21/98

Laboratory I.D.	Client Sample I.D.	Results	Units	MDL[1]	DF[2]	Date Collected	Date Analyzed
C7752-1	1L-B9-W	<0.01	Weight %	0.01	1	1/21/98	1/26/98
C7752-2	2L-B9-W	<0.01	Weight %	0.01	1	1/21/98	1/26/98

Batch QC: **Batch #:**

			Sample I.D.
Precision	N/A	% RPD	
Spike Recovery	N/A	% Recovery	
Blank	N/A		

[1] MDL - Method Detection Limit [2] DF - Dilution Factor

Approved By: Mehmet Yildiran Date: JAN 2 6 1998

ANALYTICAL ENVIRONMENTAL SERVICES, INC.
3781 Presidential Parkway, Ste. 111
Atlanta, Georgia 30340
Ph. (770) 457-8177

TOTAL LEAD IN DRINKING WATER

EPA Method 200.7

Client Name : Matrix Engineering Group
Project Name : Brook Run
Project Number: N/A
P.O. Number : N/A

Matrix : Water
Analyst: MJ
Date Received: 1/21/98

Laboratory I.D.	Client Sample I.D.	Results	Units	MDL[1]	DF[2]	Date Collected	Date Analyzed
C7752-3	3L-B9-BF	<0.010	mg/L	0.010	1	1/21/98	1/23/98
C7752-4	4L-B9-WF	<0.010	mg/L	0.010	1	1/21/98	1/23/98

Batch QC: **Batch #:**

			Sample I.D.
Precision	N/A	% RPD	
Spike Recovery	N/A	% Recovery	
Blank	N/A		

[1] MDL - Method Detection Limit [2] DF - Dilution Factor

Approved By: Michael A. Feldman Date: JAN 2 6 1998

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Atlanta, Georgia 30340
Ph. (770) 457-8177

TOTAL LEAD IN PAINT

PB92-114172 : "EPA SOPs for Lead in Paint by Hotplate or Microwave Based Acid Digestions and AA or ICP", September, 1991.

Client Name : Matrix Engineering Group
Project Name : Brook Run
Project Number: 97142
P.O. Number : N/A

Matrix : Paint
Analyst: MJ
Date Received: 1/22/98

Laboratory I.D.	Client Sample I.D.	Results	Units	MDL[1]	DF[2]	Date Collected	Date Analyzed
C7764-1	5L-B1-WP	0.03	Weight %	0.01	1	1/22/98	1/27/98
C7764-2	6L-B1-WP	4.51	Weight %	0.01	9	1/22/98	1/27/98
C7764-3	7L-B1-WP	<0.01	Weight %	0.01	1	1/22/98	1/27/98
C7764-4	8L-B18-WP	<0.01	Weight %	0.01	1	1/22/98	1/27/98
C7764-5	9L-B3-EP	0.72	Weight %	0.01	1	1/22/98	1/27/98
C7764-6	10L-B4-WP	<0.01	Weight %	0.01	1	1/22/98	1/27/98
C7764-7	11L-B8-WP	0.89	Weight %	0.01	2	1/22/98	1/27/98

Batch QC: **Batch #:**

			Sample I.D.
Precision	N/A	% RPD	
Spike Recovery	N/A	% Recovery	
Blank	N/A		

[1] MDL - Method Detection Limit [2] DF - Dilution Factor

Approved By: Mehmet Yildirim Date: JAN 27 1998

ANALYTICAL ENVIRONMENTAL SERVICES, INC.
3781 Presidential Parkway, Ste. 111
Atlanta, Georgia 30340
Ph. (770) 457-8177

TOTAL LEAD IN PAINT

PB92-114172 : "EPA SOPs for Lead in Paint by Hotplate or Microwave Based Acid Digestions and AA or ICP", September, 1991.

Client Name : Matrix Engineering Group
Project Name : Brook Run
Project Number: 97141.6
P.O. Number : N/A

Matrix : Paint
Analyst: MJ
Date Received: 1/23/98

Laboratory I.D.	Client Sample I.D.	Results	Units	MDL[1]	DF[2]	Date Collected	Date Analyzed
C7779-1	12LB5DP	0.25	Weight %	0.01	1	1/23/98	1/27/98
C7779-2	13LB6EP	0.30	Weight %	0.01	1	1/23/98	1/27/98
C7779-3	14LB6DP	<0.01	Weight %	0.01	1	1/23/98	1/27/98
C7779-4	15LB9BP	0.25	Weight %	0.01	1	1/23/98	1/27/98
C7779-5	16LB7WP	<0.01	Weight %	0.01	1	1/23/98	1/27/98
C7779-6	17LB14DP	2.15	Weight %	0.01	3	1/23/98	1/27/98
C7779-7	18LB14SDP	0.14	Weight %	0.01	1	1/23/98	1/27/98
C7779-8	19LB19EWP	<0.01	Weight %	0.01	1	1/23/98	1/27/98
C7779-9	20LB13FP	0.10	Weight %	0.01	1	1/23/98	1/27/98
C7779-10	21LB15SP	<0.01	Weight %	0.01	1	1/23/98	1/27/98

Batch QC: **Batch #:**

			Sample I.D.
Precision	N/A	% RPD	
Spike Recovery	N/A	% Recovery	
Blank	N/A		

[1] MDL - Method Detection Limit [2] DF - Dilution Factor

Approved By: _____ Date: JAN 2 8 1998

ANALYTICAL ENVIRONMENTAL SERVICES, INC.
3781 Presidential Parkway, Ste. 111
Atlanta, Georgia 30340
Ph. (770) 457-8177

TOTAL LEAD IN PAINT

PB92-114172 : "EPA SOPs for Lead in Paint by Hotplate or Microwave Based Acid Digestions and AA or ICP", September, 1991.

Client Name : Matrix Engineering Group
Project Name : Brook Run
Project Number: 97141.6
P.O. Number : N/A

Matrix : Paint
Analyst: MJ
Date Received: 1/24/98

Laboratory I.D.	Client Sample I.D.	Results	Units	MDL[1]	DF[2]	Date Collected	Date Analyzed
C7781-1	22LB16DP	0.75	Weight %	0.01	1	1/24/98	1/27/98
C7781-2	23LB16FDP	0.49**	Weight %	0.01	1	1/24/98	1/27/98

Batch QC: **Batch #:**

			Sample I.D.
Precision	N/A	% RPD	
Spike Recovery	N/A	% Recovery	
Blank	N/A		

[1] MDL - Method Detection Limit [2] DF - Dilution Factor

**Sample size less than required by the method.

Approved By: Mehmet Yildiz

Date: JAN 2 8 1998

ANALYTICAL ENVIRONMENTAL SERVICES, INC.
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Ph. (770) 457-8177

TOTAL LEAD IN PAINT

PB92-114172 : "EPA SOPs for Lead in Paint by Hotplate or Microwave Based Acid Digestions and AA or ICP", September, 1991.

Client Name : Matrix Engineering Group
Project Name : Brook Run
Project Number: 97141.6
P.O. Number : N/A

Matrix : Paint
Analyst: MJ
Date Received: 1/27/98

Laboratory I.D.	Client Sample I.D.	Results	Units	MDL[1]	DF[2]	Date Collected	Date Analyzed
C7796-1	24L NPL-P	0.49	Weight %	0.01	1	1/26/98	1/28/98
C7796-2	25L NPL-P	<0.01	Weight %	0.01	1	1/26/98	1/28/98

Batch QC: **Batch #:**

Precision	N/A	% RPD	Sample I.D.
Spike Recovery	N/A	% Recovery	
Blank	N/A		

[1] MDL - Method Detection Limit [2] DF - Dilution Factor

Approved By: [signature] Date: JAN 3 0 1998

ANALYTICAL ENVIRONMENTAL SERVICES, INC.
3781 Presidential Pkwy., Suite 111, Atlanta, GA 30340
PH. (770) 457-8177 (800) 972-4889

TRANSMITTAL SHEET CHEMICAL ANALYSIS

CLIENT NAME: Matrix Engineering Group
ADDRESS: 3300 Buckeye Rd Ste 525
CONTACT: Sam Al Yaltem
PHONE NO.: 770 455 1780

PROJECT NAME: Brook Run
SITE LOCATION: Dekalb County, GA
SAMPLERS NAME: Sam Al Yaltem
COMPANY: Matrix Engineering Group

Chain of Custody Record

SAMPLE ID.	SAMPLE DESCRIPTION (ie. Location, Name, etc.)	COLLECTED		SAMPLE TYPE			SAMPLE INFORMATION		ANALYSIS REQUIRED					
		Date	Time	Comp.	Grab	Other	Preservative	No. of Containers		LEAD				Remarks
1L-B9-W	B9-Paint-interior	1/21/98	PM 3:00				NONE	1		X				CN752-1
2L-B9-W	B9 Paint-Exterior	1/21/98	3:15				NONE	1		X				-2
3L-B9-BF	B9-Water	1/21/98	3:20		X		HNO3	1		X				-3
4L-B9-WF	B9 Water	1/21/98	3:30		X		HNO3	1		X				-4

Turnaround Time: Normal [X] Rush [ ]

Comments:

Relinquished By:	Sam Al Yaltem	Date/Time	1/21/98 4:00pm
Received By:		Date/Time	
Relinquished By:		Date/Time	
Received By:		Date/Time	

Delivered Directly to Lab: [X] Shipped: [ ]

Method of Shipment:

Lab Recipient: Date: 1/21/98 16:00

ANALYTICAL ENVIRONMENTAL SERVICES, INC.
3781 Presidential Parkway, Suite 111, Atlanta, GA 30340
(770) 457-8177 / Toll-Free (800) 972-4889 / fax: (770) 457-8188

CHAIN OF CUSTODY RECORD

CHEMICAL ANALYSIS

Company Name: Matrix Engineering Group
Address: 3500 Buckeye Rd, Ste 525
City, State, Zip: Atlanta, GA 30341
Contact Person: Sam Al Yateem
Sampler's Name: S.T / S.A.

Phone Number: 770 455 1780
Fax Number: 770 455 1769
Project Name: Brook Run
Project Number: 97141.6
Purchase Order #:

Turnaround Time Requested
- [X] Standard-3-5 Business Days (for most analyses)
- [ ] Same Day Rush
- [ ] Next Business Day Rush
- [ ] 2 Business Day Rush
- [ ] Other

Sample ID #	Sample Description/Location	Collected: Date	Collected: Time	Composite	Grab	Preservative	No. of Containers	Analysis/Method Required: LEAD	Comments/Special Instructions
12BS DP	Bldg 5/Restroom/Door Paint	1-23-98	12:05					X	CN7179-1
13B6 EP	Bldg 6/Mech. Rm/Equip Paint	1-23-98	12:30					X	-2
14LB6 DP	Bldg 6/Rm 102/Door Paint	1-23-98	1:00					X	-3
15LB9 BP	Bldg 9/2nd Flr./Locker Rm/Paint	1-23-98	1:20					X	-4
16LB7 WP	Bldg 7/Mech. Rm/WP	1-23-98	1:40					X	-5
17LB14 DP	Bldg 14/1st Flr/Door Frame Paint	1-23-98	1:50					X	-6
18LB14 SDP	Bldg 14/Behind stage/Sliding Dr.	1-23-98	2:00					X	-7
19LB19 EWP	Bldg 19/Ext. Wall Paint	1-23-98	2:20					X	-8
20LB13 FP	Bldg 13/Furnace paint	1-23-98	2:00					X	-9
21LB15 BP	Bldg 15/Right Wing/Shelf paint	1-23-98	3:15						-10

Relinquished By: Sam Al Yateem — Date/Time: 1/23/98 4:00PM — Received for Lab By: _____ — Date/Time: _____
Received By: Alweston — Date/Time: 1/23/98 16:00P
Relinquished By: _____ — Date/Time: _____ — Method of Shipment:
Received By: _____ — Date/Time: _____

(Circle One) Hand-delivered FEDEX UPS U.S.Mail
Courier Service: _____ Other: _____

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CHAIN OF CUSTODY RECORD

CHEMICAL ANALYSIS

Company Name: Matrix Engineering Group
Address: 3300 Buckeye Rd, Ste 525
City, State, Zip: Atlanta, GA 30341
Contact Person: Sam Al'Jaleen
Sampler's Name: E.T. / SA

Phone Number: 770 455 1780
Fax Number: 770 455 1769
Project Name: Brook Run
Project Number: 9714.6
Purchase Order #:

Turnaround Time Requested:
- [x] Standard-3-5 Business Days (for most analyses)
- [ ] Same Day Rush
- [ ] Next Business Day Rush
- [ ] 2 Business Day Rush
- [ ] Other

Sample ID #	Sample Description/Location	Collected: Date	Time	Composite	Grab	Preservative	No. of Containers	Analysis/Method Required: LEAD	Comments/Special Instructions
SL-B1-WP	Bdg 1/Laundry Rm/Wall Paint	1-22-98	2:40					X	C7764-1
GL-B1-WP	Bdg 1/2nd Flr./Mech. Rm/D201A	1-22-98	3:00					X	-2
TL-B1-WP	Bdg 1/2nd Flr. / Rm A212	1-22-98	3:15					X	-3
SL-B18-WP	Bdg 18/ Near Restroom/Power Plant	1-22-98	3:30					X	-4
9L-B3-WP	Bdg 3/Mech. Rm/Equip paint	1-22-98	3:45					X	-5
10L-B4-WP	Bdg 4/ Wall Paint room 231	1-22-98	4:05					X	-6
11L-B8-WP	Bdg 8/Wall Paint Rm. 102	1-22-98	4:30					X	-7

Relinquished By: Sam Al'Jaleen — Date/Time: 1-22-98 5:30
Received By: [signature] — Date/Time: 1/22/98 17:30
Relinquished By: — Date/Time:
Received By: — Date/Time:

Received for Lab By: — Date/Time:

Method of Shipment: (Circle One) Hand-delivered FEDEX UPS U.S.Mail
Courier Service: — Other:

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3781 Presidential Parkway, Suite 111, Atlanta, GA 30340
(770) 457-8177 / Toll-Free (800) 972-4889 / fax: (770) 457-8188

CHAIN OF CUSTODY RECORD

CHEMICAL ANALYSIS

Company Name: Matrix Engineering Group
Address: 3300 Buckeye Rd, Ste 525
City, State, Zip: Atlanta, GA, 30341
Contact Person: Sam Al Yateem
Sampler's Name: S.T./S.A.

Phone Number: 770 455 1780
Fax Number: 770 455 1769
Project Name: Brook Run
Project Number: 9714.6
Purchase Order #:

Turnaround Time Requested
- [x] Standard-3-5 Business Days (for most analyses)
- [ ] Same Day Rush
- [ ] Next Business Day Rush
- [ ] 2 Business Day Rush
- [ ] Other

Sample ID #	Sample Description/Location	Collected: Date	Collected: Time	Composite	Grab	Preservative	No. of Containers	Analysis/Method Required: LEAD	Comments/Special Instructions
22L B16 DP	Bldg 16/Rm 109/Door Paint	1-24-98	10:30					X	C7281-1
23L B16 FDP	Bldg 16/Rm 4/Front Dr. Paint	1-24-98	11:00					X	-2

Relinquished By: Sam Al Yateem — Date/Time: 1-24-98 4:30 pm
Received By: — Date/Time:
Relinquished By: — Date/Time:
Received By: — Date/Time:

Received for Lab By: [illegible] — Date/Time: 1/24/98 16:30

Method of Shipment:
(Circle One) Hand-delivered FEDEX UPS U.S.Mail
Courier Service: Other:

ANALYTICAL ENVIRONMENTAL SERVICES, INC.
3781 Presidential Parkway, Suite 111, Atlanta, GA 30340
(770) 457-8177 / Toll-Free (800) 972-4889 / fax: (770) 457-8188

CHAIN OF CUSTODY RECORD

CHEMICAL ANALYSIS

Company Name: Matrix Engineering Group
Address: 3300 Buckeye Rd Ste 525
City, State, Zip: Atlanta GA 30341
Contact Person: Sam Al Jaffeen
Sampler's Name: S.A.

Phone Number: 770 455 1780
Fax Number: 770 455 1769
Project Name: Brook Run
Project Number: 97141.6
Purchase Order #:

Turnaround Time Requested
- [x] Standard-3-5 Business Days (for most analyses)
- [ ] Same Day Rush
- [ ] Next Business Day Rush
- [ ] 2 Business Day Rush
- [ ] Other

Sample ID #	Sample Description/Location	Collected: Date	Collected: Time	Composite	Grab	Preservative	No. of Containers	Analysis/Method Required: LEAD	Comments/Special Instructions
24L NPL-P	Paint of Large Nat. Gas Tank	1-26-98	4:00 PM					X	C7796-1
25L NPL-P	Paint of Blue Tank @ NPL Area	1-26-98	4:10 PM					X	-2

Relinquished By: Sola Tolashe — Date/Time: 1/27/98 1307hrs
Received By: — Date/Time:
Relinquished By: — Date/Time:
Received By: — Date/Time:

Received for Lab By: [illegible] — Date/Time: 1/27/98 13:07

Method of Shipment: (Circle One) Hand-delivered FEDEX UPS U.S.Mail
Courier Service: Other: