



REPORT OF
PHASE I ENVIRONMENTAL SITE ASSESSMENT

Troy Hill Corporate Center
Howard County, Maryland

MAY 1999

Prepared for:

Troy Hill Business Park Partnership
7165 Columbia Gateway
Columbia, Maryland 21046

Attn: Mr. Mark Mollica

Prepared by:

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GTA Job No: 99204.E

GEO-TECHNOLOGY ASSOCIATES, INC.

GEOTECHNICAL AND
ENVIRONMENTAL CONSULTANTS

A Practicing ASFE Member Firm

May 13, 1999



Troy Hill Business Park Partnership
7165 Columbia Gateway Drive
Columbia, Maryland 21046

Attn: Mr. Mark Mollica

Re: Phase I Environmental Site Assessment
Troy Hill Corporate Center
U.S. Route 1
Howard County, Maryland

Dear Mr. Mollica:

In accordance with our agreement, Geo-Technology Associates, Inc. (GTA) has performed a Phase I Environmental Site Assessment (ESA) for approximately 137 acres of the Troy Hill Corporate Center, which is located on the northern side of U.S. Route 1, east of Maryland Route 100, in Howard County, Maryland. The subject parcels are currently being graded for commercial development.

This report transmits our findings to date. Additional information that has been requested, but not received by the date of this report will be forwarded under a separate cover. Should you have any questions regarding this information, or should you require additional information, please do not hesitate to contact our office.

Sincerely,
GEO-TECHNOLOGY ASSOCIATES, INC.

Samuel J. Stevenson
Senior Environmental Scientist

FOR Peter C. Bergmann, P.G.
Vice President

SJS/PCB

99204.E

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TABLE OF CONTENTS

BACKGROUND INFORMATION

I. Parcel Description	1
II. Topography	2
III. Soils	2
IV. Geology	3
V. Historic Maps and Aerial Photographs	4
VI. Regulatory Contacts and Interviews	8
VII. Previous Reports	9

ON-SITE ASSESSMENT	12
--------------------------	----

OFF-SITE ASSESSMENT	14
---------------------------	----

REGULATORY RECORDS REVIEW	15
---------------------------------	----

RADON AND ASBESTOS	18
--------------------------	----

CONCLUSIONS AND RECOMMENDATIONS	18
---------------------------------------	----

APPENDIX A LOCATION MAP

APPENDIX B TOPOGRAPHIC MAP

APPENDIX C 1952 AND 1970 AERIAL PHOTOGRAPHS

APPENDIX D CORRESPONDENCE

APPENDIX E SITE PHOTOGRAPHS

APPENDIX F VISTA REPORT

**PHASE I
ENVIRONMENTAL SITE ASSESSMENT**

**TROY HILL CORPORATE CENTER
HOWARD COUNTY, MARYLAND
MAY 1999**

BACKGROUND INFORMATION

I. Parcel Description

The following Phase I Environmental Site Assessment (ESA) was performed by Geo-Technology Associates, Inc. (GTA), at the request of the Troy Hill Business Park Partnership, to identify potential environmental risks that may be associated with the ownership and development of approximately 137 acres of land referenced as portions of the Troy Hill Corporate Center. It is GTA's understanding that the property is proposed to be developed with commercial lots and will be served by public utilities. The subject property is located on the northern side of U.S. Route 1, to the east of Maryland Route 100, in Howard County, Maryland. A Location Map of the project site is attached to this report as Appendix A.

The records of the Maryland Department of Assessments and Taxation (MDAT) Howard County office indicate that the subject property is referenced as Lots A-4 and A-6 of Parcel 135, which are depicted on Howard County Tax Map 37. These records indicate that the subject lots comprise approximately 145.7 acres of land. The current owner of the subject property is indicated to be Troy Hill Business Park Partnership. No improvements are indicated to be located on the subject lots, and the property use is identified as industrial.

A copy of a Plat Map of *Parcel A-1, and Parcels A-8 through A-19; Troy Hill Corporate Center; Resubdivision of Parcel A-4 and A-6*, dated March 11, 1999, which was prepared by George William Stephens, Jr. and Associates, Inc., was provided by the client and reviewed by GTA. This plan shows the boundaries of the subject parcels, but does not show existing site features. According to this plan, the subject lots (A-4 and A-6) are proposed to be re-subdivided and will consist of Lots A-8 through A-17 and A-19. These lots are indicated to contain approximately 137 acres of land.

This investigation was performed and this report was prepared in general accordance with applicable standards and with a review of reasonably ascertainable data, as set forth in the American Society for Testing and Materials (ASTM) *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (E1527)*.


II. Topography

The United States Geological Survey (USGS) Quadrangle Map (Relay and Savage, Maryland) for the site vicinity indicates that the ground surface elevations on the site vary from approximately 250 feet above Mean Sea Level (MSL) near in the northern portion of the site, to approximately 120 feet above MSL near the southern portion of the property. The ground surface on the subject property slopes downward generally toward the south. A small pond is indicated to be located within the southern-central portion of the subject property. A southeasterly-flowing stream crosses the western portion of the site. This stream merges with another stream to the southwest of the subject property, then flows eastward, crossing the southern portion of the site before it runs beneath U.S. Route 1. An additional southeasterly-flowing stream crosses the northeastern portion of the subject site, merges with another stream, and continues flowing southeasterly to the east of the subject property. These stream systems receive the surficial drainage from the subject site and adjoining land. A Topographic Map for the site and vicinity, based on the USGS Quadrangle Map, is attached to this report as Appendix B.

III. Soils

According to the U.S. Department of Agriculture (USDA), Soil Conservation Service (SCS), *Soil Survey; Howard County, Maryland* (1968), the general soil types underlying the subject property are indicated to include the Relay-Brandywine-Legore association and the Beltsville-Chillum-Sassafras association. The Relay-Brandywine-Legore soils are described as deep and moderately deep, well-drained soils, which are mostly stony. The Beltsville-Chillum-Sassafras soils are described as deep and moderately well-drained to well-drained. Specifically, the soil types

underlying the subject site are indicated to include Beltsville silt loam, Chillum-Fairfax soils, Chillum silt loam, Chillum gravelly loam, Codorus silt loam, Hatboro silt loam, Iuka loam, Kelly silt loam, Kelly clay loam, Keyport silt loam, Legore silt loam, Legore silty clay loam, Montalto and Relay soils, Montalto silt loam, Neshaminy silt loam, Neshaminy silty clay loam, Relay silt loam, Sandy and clayey land, Sassafras loam, and Watchung silt loam.

Of the above identified soils, the Hatboro silt loam and the Watchung silt loam are listed as primary hydric or "wetland" soil types by the SCS publication *Hydric Soils of Maryland* (1986). The Beltsville silt loam, the Codorus silt loam, the Iuka loam, the Kelly clay loam, the Kelly silt loam, and the Keyport silt loam are listed as secondary hydric soils by this publication. Secondary hydric soils are those which may contain inclusions of primary hydric soils or may exhibit hydric characteristics themselves. A wetland delineation for the site was not requested or performed as part of this Phase I ESA. 

IV. Geology

The Maryland Geologic Survey *Geologic Map of Howard County* (1993) indicates that the site vicinity is situated within the Coastal Plain Physiographic Province. Specifically, the majority of the site is indicated to be underlain by the sand/gravel facies of the Patuxent Formation. This Formation is described as consisting of medium to coarse quartz-cobble gravel; white to tan locally ferruginous cross-bedded sand; and white, gray, tan, and red clay. The silt/clay facies of the Patuxent Formation are indicated to underlie the western portion of the subject property, to the west of the southeasterly-flowing stream. Along this stream channel, the site is underlain by Alluvium and Colluvium, which is described as containing interbedded gravel, sand, silt, and clay in tidal marshlands and in floodplains of perennial streams. This material grades into Colluvium at the bases of slopes and in upland gathering areas.

The site is located near the "Fall Line," which is the approximate boundary between the Piedmont Physiographic Province (to the west) and the Coastal Plain Province (to the east). Typically, the Coastal Plain sediments in this area are underlain at a relatively shallow depth by the igneous rocks of the Piedmont.

V. Historic Maps and Aerial Photographs

In an effort to assess historic land use practices on the site and in the vicinity, aerial photographs taken in the years 1943, 1952, 1970, and 1980 were reviewed at the Howard County office of the Soil Conservation Service (SCS). A 1998 aerial photograph was reviewed at the Howard County Survey Department, and a 1963 aerial photograph from the *Soil Survey; Howard County, Maryland* was reviewed. In addition, the USGS Quadrangle Maps (Relay and Savage, Maryland), dated 1957 and photo-revised in 1966 and 1974, were reviewed. When compared to current land uses, these data sources allowed for the interpretation of large-scale land use practices in the region over a 56-year period.

The 1943 aerial photograph indicates that the subject property had primarily consisted of agricultural fields. Tree lines separated some of the agricultural fields, and small wooded areas lined the drainageways on the site. Four distinct portions of the property had been occupied by structures. The western portion of the site contained an apparent residence, a barn, and an outbuilding. These buildings appeared to have been accessed from U.S. Route 1 by a driveway located to the south of the site. Several additional structures, which appeared to correspond to a residence and outbuildings, had been located on the central portion of the site, to the northeast of the previously noted buildings. Several small structures had occupied the southernmost portion of the site, along U.S. Route 1. As discussed later in this report, this property is reported to have been a gasoline station prior to approximately 1940. The use of these buildings was not apparent on this photograph. An additional building, which appeared to have been a residence, had been located on the easternmost portion of the site. This building had been accessed from U.S. Route 1 by a driveway, and one or more

additional outbuildings may have been located on this portion of the site. The surrounding vicinity primarily contained scattered residences and farms. A nearby property to the southeast, on the southeastern side of U.S. Route 1, contained an apparent commercial building that may have been a gasoline station. Several additional properties that may have contained gasoline stations had been located along U.S. Route 1, to the east and southwest of the subject property. Cleared land that appeared to be associated with a petroleum pipeline easement, as discussed later in this report, was visible to the south of the subject property. It was not apparent whether this easement extended across the subject site. X

The 1952 aerial photograph (Appendix C) showed similar land uses on-site and in the vicinity. Some of the agricultural land on the subject property and in the surrounding region appeared to have become re-vegetated with hardwood species.

The 1963 aerial photograph indicates that a cleared easement, which may correspond to a petroleum pipeline right-of-way, was visible crossing the western portion of the site, in a northwest-southeast orientation. A pond, which appeared to be man-made, was visible on the southern-central portion of the subject property. Otherwise, the land uses on the subject property and in the surrounding region appeared to be similar to those that were observed on the 1952 aerial photograph.

The 1970 aerial photograph (Appendix C) indicates that the land uses on the subject property and in the surrounding region appeared to be similar to those that were observed on the 1963 aerial photograph. Interstate 95 had been constructed to the immediate north of the subject property. Maryland Route 100 and its interchange with Interstate 95 had been under construction to the west and southwest of the site. Some additional development of properties in the surrounding region had occurred, including residential neighborhoods in outlying areas from the site and small commercial sites along U.S. Route 1.

TROY HILL CORPORATE CENTER

MAY 1999

The 1980 aerial photograph indicates that the features on the site appeared to be similar to those observed on the 1970 aerial photograph. A residential subdivision had been under construction to the east of the subject property. Facilities that appeared to correspond to currently existing warehouses and other commercial buildings had been under construction to the south of the subject property. Several apparent commercial sites, which may have been gasoline stations, remained visible along U.S. Route 1, to the east and south of the subject site.

The 1998 aerial photograph indicates that the majority of the subject property had been cleared, and construction activities were occurring. The eastern portion of Troy Hill Drive had been constructed, and two large commercial/industrial buildings had been constructed adjacent to the subject property, on Lot A-1 of the Troy Hill Corporate Center. Two stormwater management ponds had been constructed to the southeast and southwest of the subject property. The previously noted cleared easement was again visible on the western portion of the site, although it appeared that a small segment of the right-of-way for this easement may have been moved to the west to accommodate future developments. The small buildings that previously had been observed on the southernmost portion of the site, along U.S. Route 1, were no longer present. Several buildings remained on the westernmost portion of the site, but the remainder of the small buildings observed previously on the site were no longer present. The construction of the existing residential subdivision to the east of the site and the commercial/industrial park to the south of the property had been completed. A golf course and additional residences had been constructed to the north of the subject property, on the northern side of Interstate 95.

According to the USGS Quadrangle Map for the site and vicinity, based on 1957 conditions, the subject property had contained numerous small structures on four separate areas of the site, similar to those that were observed on the earlier aerial photographs. These buildings appeared to have consisted of residences and associated barns and outbuildings. Several unimproved roads provided access to these buildings. The surrounding region was developed with scattered small

structures, which were likely residences and associated outbuildings. Interstate 95 and Maryland Route 100 had not yet been constructed. A pipeline was indicated to be present to the south of the subject property, but it was unclear from the USGS Map whether this pipeline crossed the subject site. The 1966/1974 USGS Map revisions indicate that a small pond was present on the central portion of the site. No other discernable changes to the subject property were observed. Interstate 95 and Maryland Route 100 had been constructed, and several large structures had been constructed to the south of the subject site, at the current location of a commercial/industrial park. Some additional residential construction had occurred in outlying regions from the subject site. A small length of pipeline had been constructed to the west of the subject property, but it was unclear from the USGS photo-revisions whether any section of pipeline crossed the subject property.

Based on the review of the aerial photographs and the topographic maps, the subject site had historically been occupied by agricultural fields and several residential and farm buildings. The residences and outbuildings located on the site were present prior to 1943. It appeared that a cleared easement, possibly associated with a petroleum pipeline right-of-way, had crossed the western portion of the subject property. The majority of the subject property was cleared of buildings between 1980 and 1998, and neighboring portions of the Troy Hill Corporate Center were constructed within the last several years. The properties in the surrounding region have primarily been developed with scattered residences and farms. Some of the properties on the southern side of U.S. Route 1, to the east and south of the subject property, as well as on the northern side of U.S. Route 1 to the southwest of the site, have previously been developed with facilities that may have been gasoline stations. More recently, residential and commercial development activities in the surrounding region have increased.

VI. Regulatory Contacts and Interviews

GTA submitted written inquiries to the Maryland Department of the Environment (MDE), the Howard County Community Environmental Health Services Program, and the Howard County Department of Fire and Rescue Services concerning potential environmental issues associated with the subject property. Copies of GTA's written inquiries are attached to this report as Appendix D. The responses from these agencies are pending at this time and may take several weeks to receive. Once received, any pertinent information will be forwarded to the client. *

Mr. David Meiners, a representative of Manekin Corporation, the current manager of the Troy Hill Corporate Center, was interviewed by GTA personnel on May 6, 1999. Mr. Meiners indicated that he knows of no environmental concerns that have been identified in association with the subject property. According to Mr. Meiners, several environmental reports have been prepared concerning the subject property. These reports have been provided to GTA and are discussed in the next section. *

Mr. Paul Bankert, the construction foreman for C.J. Miller, the contractor performing the Troy Hill site development activities, was interviewed by GTA personnel on May 10, 1999. Mr. Bankert indicated that no unusual odors, staining, or similar soil conditions have been reported during the site activities performed to-date. According to Mr. Bankert, some dumped tires have been found on the site, but there have been no other significant areas of buried wastes. Mr. Bankert indicated that C.J. Miller previously performed the demolition of the residences and associated buildings that were formerly located on the site. According to Mr. Bankert, no USTs were found during the performance of these demolition activities. Mr. Bankert indicated that these prior demolition activities included the removal of a residence that had been located on the southernmost portion of the site, near the planned location of the western intersection of Troy Hill Drive and U.S. Route 1. Mr. Bankert indicated that a building foundation was encountered while performing excavation activities in this area, but there has been no indication of stained soils, unusual odors, or evidence of USTs.

Mr. Buzz Lewandowski, a representative of Colonial Pipeline, was contacted by GTA personnel on May 10, 1999. Mr. Lewandowski indicated that one 6-inch and two 12-inch petroleum transmission pipelines extend through this area, across the subject property. The 6-inch line was installed in approximately 1940, and the 12-inch lines were installed in 1965 and 1980. Mr. Lewandowski indicated that, pursuant to Department of Transportation (DOT) regulations, a spill response team is available with short notice to respond to any emergency situations associated with the pipelines. In addition, the pipelines are inspected and evaluated on an annual basis for any anomalies, damage, or other situations requiring attention. Mr. Lewandowski has been associated with Colonial Pipeline Company for 21 years, and he indicated that, in that time period, there have been no spills, releases, or other environmentally-related incidents along the sections of pipelines on and near the subject property. ✓

VII. Previous Reports

Copies of two environmental reports and some additional documentation regarding the subject property were provided to GTA by Manekin Corporation. Summaries of this information are presented below.

Environmental Assessment: Troy Hill Business Park: ATEC Associates, Inc.: October 1987

This ATEC Report was prepared for Manekin Corporation on nearly 200 acres of land that appears to have included the subject property. At the time of the ATEC Report, the central portion of the site contained an abandoned farm house, several outbuildings, several 55-gallon storage drums, and dumped debris. The southeastern portion of the site contained two abandoned dwellings, several piles of discarded household and automotive debris, two 55-gallon storage drums, and four heating oil above-ground storage tanks (ASTs). The southern portion of the property, along U.S. Route 1, contained one residence, a former residence, several outbuildings, various household and automotive debris, two 55-gallon storage drums, ✕ ✕ ✕

and one AST. Title information reportedly indicated that this portion of the property formerly was occupied by a gasoline station in 1940. The remainder of the property was indicated to contain agricultural fields and undeveloped wooded areas.

Historical information provided by ATEC indicates that the subject property was previously occupied by residences and agricultural fields. A gasoline station was reported to have been present on the southern portion of the site in 1940. One individual indicated that the gasoline station was closed in 1940 due to gas rationing. This individual believed that the USTs were removed, possibly when a septic tank was installed in front of the residence occupying this portion of the site. ATEC performed a hand auger soil boring for a soil gas survey in this area to a depth of approximately 8 feet below site grade. This survey reportedly revealed no detectable volatile vapors in this soil probe.

ATEC reportedly performed a subsurface exploration of the site using drill rig and hand auger techniques. The soil borings were performed at the developed areas in the southern, central, and western portions of the site, due to the presence of dumping and other potential environmental concerns. Various soil samples from these borings were submitted for laboratory analysis. ATEC installed a groundwater monitoring well in one of the borings on the western portion of the property. This monitoring well, a hand dug well on the southernmost portion of the site, and a water well located immediately east of the property were sampled for laboratory analysis. The soil and groundwater samples were analyzed for various laboratory parameters. ATEC reported that the analyses results indicated "no significant levels of detectable chemical compounds."

get report (1987 ATEC)

ATEC concluded that environmental concerns associated with the subject property were minimal. ATEC recommended that the dumped wastes and drums be removed from the site and properly disposed.

The follow-up documents provided by Manekin included an October 1987 letter from Troy Hill Business Park to ATEC, authorizing ATEC to remove all of the drums and barrels identified on the site. The scope of these services was indicated to include analysis of the substances in the drums, overpacking, transportation, and off-site disposal. No confirmation of the performance of these activities was provided to GTA.

*Get confirmation
from owner*

Phase I/Phase II Environmental Site Assessment; Troy Hill Corporate Center Site; Dames and Moore; April 1996

This Dames and Moore (D&M) Report was prepared for Prudential Real Estate on approximately 59 acres of land including a portion of the subject site. The D&M study area included the northernmost portion of the subject property, adjoining lands to the east of the subject property, which currently contain two large buildings, and additional lands to the east. The D&M study area was indicated to contain two small sheds and vacant land, accessed by two unimproved roads. The historical information presented by D&M was generally consistent with that discussed in the ATEC Report and in GTA's historical review. D&M indicates that the property was reported to have been owned by investors and unoccupied since the 1970s.

Several documents reportedly were reviewed by D&M, including the above referenced ATEC Report. D&M also reviewed a 1993 update that was performed by ATEC on the above referenced Environmental Assessment. This update reportedly revealed the presence of dumped debris, but no other indications of potential environmental concern. D&M reportedly reviewed two reports concerning spills of unidentified liquids along U.S. Route 1 in 1993. The information provided by D&M indicates that these spills were cleaned up and the remaining soils were tested and verified that no residual contamination was present. D&M also reported the presence of three Colonial Pipeline Company underground pipelines

located near the southern end of the study area. Previous soil gas survey reports reviewed by D&M reportedly indicated no elevated vapor levels.

D&M reportedly performed one soil boring on the southernmost portion of the study area, and subsequently converted this boring to a groundwater monitoring well. These activities were performed to evaluate potential environmental concerns due to past reported dumping in this area of the site. In addition, this was the portion of the D&M study area that was closest to the former gasoline station located on the southernmost portion of the subject property. Soil samples reportedly did not reveal any detectable volatile vapors with field screening equipment. A groundwater sample from this well reportedly did not contain contaminants of concern. One pesticide compound and several metals were detected in the sample at levels below the Primary and Secondary Drinking Water Standards. In conclusion, D&M recommended no further investigation of the study area.

ON-SITE ASSESSMENT

The on-site assessment was performed by GTA personnel on May 5 and May 7, 1999. The subject property was surveyed for unusual environmental conditions, which may include discolored or disturbed soil, areas of sparse or dead vegetation, drums, storage tanks, discolored water, unusual or noxious odors, transformers, unusual surface features, septic or water supply systems, and groundwater monitoring wells.

At the time of GTA's site reconnaissance, the majority of the subject property was being actively stripped of vegetation and graded for commercial development. Excavation equipment and personnel were observed throughout the site. Rough grading appeared to have been completed or nearly completed on several of the subject lots. Other lots were not completely stripped of vegetation. The grading for the western portion of Troy Hill Drive was underway, and some utility line excavations were being performed. Two areas that appeared to correspond to stormwater

management basins were observed near the western side of the planned Troy Hill Drive. Various stockpiles of mulched vegetation, soil, and gravel were observed on various portions of the subject property.

On the southernmost portion of the site, heavy equipment was being utilized to remove soil overburden in an area that appeared to correspond to the planned entrance for Troy Hill Drive. A sewer utility line was also being installed in this area at the time of GTA's site reconnaissance. The sewer line excavation extended to a depth of approximately 15 feet below site grade, where weathered bedrock was being excavated. These activities were being performed in the vicinity of a reported former gasoline station located on the southernmost portion of the site.

A cleared easement that was marked as a petroleum pipeline right-of-way was observed on the western portion of the subject property. Based on the locations of the markers, this right-of-way appeared to contain three separate pipelines, extending in generally a north-south orientation. There were no indications of stained soil or stressed vegetation in the vicinity of this pipeline easement. The portions of the property on the western side of the stream that crosses the site are currently wooded and undeveloped. Some nuisance dumping of residential wastes and automobile parts was observed in this wooded area.

The topography of the subject property is varied, with an overall downward slope toward the south on the site and on the adjoining lands. Surface water on the majority of the site is directed toward the southwest, into a southerly-flowing stream. This stream discharges into another stream that flows toward the southeast, across the southernmost portion of the site. There was no visual indication of sheens or staining of the banks along these streams.

GTA personnel did not observe any evidence of electrical transformers, USTs, ASTs, or groundwater monitoring wells on the subject property, nor did they observe the storage of regulated materials in drums. There was no visual indication of stained soil or stressed vegetation on the subject property. Site photographs taken during GTA's site visit are attached to this report as Appendix E.

OFF-SITE ASSESSMENT

The subject property is bordered to the north by Interstate 95, a golf course, and residential neighborhoods. Two large, recently constructed warehouse buildings that contain distribution facilities for Northrup Grumman are located to the immediate east of the site, on Lot A-1 of the Troy Hill Corporate Center. Troy Hill Drive, vacant commercial lots, undeveloped wooded areas, and residential areas are also located to the east of the subject property. Some undeveloped wooded areas, several residences, and a tractor trailer storage yard border the subject property to the south, on the northern side of U.S. Route 1. A garden center, several residences, some undeveloped wooded areas, and an industrial park are located south of the subject property, on the southern side of U.S. Route 1. An old residence and outbuildings, which are collectively identified as the Troy Historic Site, are located to the west of the subject property.

No operating gasoline stations were observed in the immediate vicinity of the subject property. However, as discussed earlier in this report, several sites located along U.S. Route 1 may have been previously operated as gasoline stations. These possible sites of environmental concern include an area on the southern portion of the subject property, the current garden center to the southeast, and the vicinity of the current tractor trailer storage yard to the south of the site. The possible former gasoline stations located along U.S. Route 1 are located downgradient relative to the subject site, reducing the associated concern.

topographic or hydraulic?

The immediate vicinity of the subject property is drained primarily by the stream located near the southern property boundary. Some secondary drainage occurs toward the east and west, into streams that flow into the stream to the south. The subject property appears to receive some surficial drainage from the adjoining Northrup Grumman buildings to the east and from the nearby golf course and residences to the north. Consequently, off-site drainage would not be expected to adversely impact the environmental quality of the site.

REGULATORY RECORDS REVIEW

GTA retained VISTA Information Solutions, Inc. (VISTA) to perform an ASTM standard search of available Federal and State regulatory agency databases for the subject property and vicinity. The ASTM Standard search distances were each extended by ½ mile to account for the large size of the subject property. VISTA searched the following Federal databases, at the noted search distances: the National Priority List (NPL) at a 1½-mile radius; Resource Conservation and Recovery Act (RCRA) Corrective Action (CORRACTS) Sites at 1½ miles; RCRA Treatment, Storage, and Disposal (TSD) facilities at 1 mile; Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) at 1 mile; RCRA hazardous waste large-quantity generators (LQG) and small-quantity generators (SQG) within 5⁄8 mile; and Emergency Response and Notification System (ERNS) sites within 5⁄8 mile. The State databases searched include a State CERCLIS-equivalent (SCL) listing within 1 mile; solid waste landfills (SWLFs) within 1 mile; underground storage tanks (USTs) within ¾ mile; leaking USTs (LUSTs) within 1 mile; and State Spills within 5⁄8 mile. The VISTA Report is attached to this report as Appendix F.

The VISTA Report did not identify any sites that appear to correspond to the subject property on the Federal or State databases reviewed. According to the VISTA Report, a site identified as Chesapeake Finished Metals, Inc., located at 6754 Santa Barbara Court, appears on the CORRACTS, SCL, and CERCLIS databases. The detailed VISTA information indicates that the CERCLIS status

TROY HILL CORPORATE CENTER

MAY 1999

of this site is "No Further Remedial Action Planned" (NFRAP). No relevant detailed information concerning the SCL or CORRACTS databases was provided. This facility is located approximately 3000 feet to the southeast of the subject property. This site is located downgradient from, and in a separate hydrologic drainage basin relative to the subject property, reducing the associated concern.

A site identified as Olga Nelson Enterprises, located at 7269 Washington Boulevard, is listed on the SCL and CERCLIS databases. According to VISTA, the CERCLIS status of the site is NFRAP. This site is located approximately 3500 feet to the southwest of the subject property, in a separate hydrologic drainage basin. Therefore, potential environmental concerns from this facility appear to be minimal.

The following UST sites in the surrounding region were identified by VISTA:

Facility	USTs	Distance/Direction from Subject Property
Troy Historic Site Off 7150 Washington Blvd.	one 1000-gal heating oil UST (removed)	800 feet west
Dorsey Associates 6601 Amberton Drive	one 5000-gal heating oil UST	1000 feet south
John Feezer Company 6807 Washington Blvd.	one 550-gal heating oil UST	1500 feet east
Kaiser 3 6660 Santa Barbara Road	eight 1000-gal heating oil USTs two 1000-gal heating oil USTs (out of service)	1800 feet south
MIE Properties 6675 Amberton Drive	one 550-gal heating oil UST (removed)	2000 feet south
ABF Freight Systems 6720 Washington Blvd.	one 10,000-gal diesel UST three 20,000-gal diesel USTs (removed) one 550-gal used oil UST (removed) one 10,000-gal "other" UST (removed)	2300 feet east

TROY HILL CORPORATE CENTER

MAY 1999

The following LUST sites in the surrounding region were identified by VISTA:

Facility	Status	Distance/Direction from Subject Property
ABF Freight Systems 6720 Washington Blvd.	Closed; sampling of monitoring wells only	2300 feet east
Entenmann's Bakery 6730 Santa Barbara Court	Open; hand bailing monitoring wells to remove free product	3000 feet southeast
Dorsey Exxon Station 7235 Washington Blvd.	Open; sampling of monitoring wells only	3500 feet southwest

Based on the distances to these sites from the subject property, their regulatory statuses, and the apparent hydrologic gradients, potential environmental concerns from these UST and LUST sites to the subject property appear to be minimal.

The State Spills listing identified a spill of 10 gallons of unspecified liquid at 6630 Amberton Road in 1994. No other information concerning this spill was provided by VISTA. Based on the nature of this incident and its location relative to the subject property, potential environmental concerns appear to be minimal.

unsupported
dist to site?

The VISTA Report includes a list of "Unmapped" sites, which VISTA indicates could not be plotted due to insufficient address information. GTA reviewed the list of Unmapped sites and based on the descriptions provided, approximated their locations relative to the subject property and determined if the Unmapped sites are located within the specified search radii. Based on GTA's interpretations, neither the subject property nor other sites located within the previously identified search distances were included on the Unmapped site listing. ✓

RADON AND ASBESTOS

Radon gas, a colorless and odorless gas which forms from the radioactive decay of uranium, is most commonly associated with quartz-rich igneous rocks of granitic compositions. Granitic rocks and sediments derived from such compositions will potentially have a higher concentration of uranium, and therefore, radon, than quartz-deficient rocks. The subject property is underlain by sedimentary deposits of the Coastal Plain, which include variable amounts of quartz sand. Radon emission levels tend to vary greatly within the Coastal Plain region.

GTA reviewed a USEPA radon study entitled *Maryland Radon* (April 1997). This study indicates radon results within ZIP Code areas of Maryland. The subject site is situated in the 21227 ZIP Code area. In this ZIP Code area, 307 radon tests were reported under this study, of which, 91 percent resulted in readings of less than 4.0 picoCuries per liter (pCi/l). The EPA action level for remediation is 4.0 pCi/l. Radon concerns are usually associated with residences with below-ground living areas. Based on the results of the noted study and the nature of the proposed development, potential radon concerns appear to be minimal. ✓

It is unlikely that naturally occurring asbestos is associated with the underlying geology. The major mineral varieties of asbestos are typically found in metamorphosed limestone (marble), talc schist, and serpentinite rocks. While these rocks are locally abundant in Maryland, they are not however, associated with the geology of the subject property vicinity.

CONCLUSIONS AND RECOMMENDATIONS

GTA's conclusions are based on information obtained to date, our investigation into past and present uses of the subject property and surrounding parcels, as well as an analysis of natural environmental features and attributes. Based on GTA's review of available information and observable site conditions, there appears to be an overall low level of environmental risk associated

with the purchase and development of the subject property. As such, no further environmental investigation or assessment is recommended.

The subject property currently consists of open land that is being graded for commercial/industrial development, and roadways and utility services are being installed. Historically, the subject property has contained several residences and farm developments, agricultural fields, and some wooded areas. A gasoline station was reported to have been present on the southernmost portion of the site prior to 1940. A prior environmental report indicates that the USTs that were formerly in use at this historic gasoline station had likely been removed. Several prior environmental reports have included the testing of soil and groundwater. The results of these investigations have not indicated the presence of soil or groundwater contaminants of concern. The current grading and excavation contractor has reported that no unusual odors, staining, or evidence of USTs, large-scale dump areas, or similar concerns have been reported during the site development activities. These development activities have included utility and roadway excavations near U.S. Route 1, in the vicinity of the reported previous gasoline station. A Colonial Pipeline petroleum transmission pipeline easement crosses the western portion of the subject property. Three 6-inch to 12-inch pipelines, which were installed between 1940 and 1980, are located within this easement. According to a Colonial Pipeline representative, there have been no reported problems along these sections of pipelines. Based on the available information, environmental concerns from the current or past use of the subject property appear to be minimal.

According to a search of Federal and State environmental databases prepared by VISTA, various sites in the surrounding region were included on the reviewed regulatory databases. The closest of these sites is located to the west of the subject property, where one 1000-gallon heating oil UST was removed. Based on the regulatory statuses of these sites, their distances from the subject property, and the anticipated hydrologic trends, potential environmental concerns from the listed regulatory sites appear to be minimal.

The surrounding region has historically contained scattered residential and agricultural developments, with more intensive residential and commercial development occurring in recent years. Several properties located along U.S. Route 1 may have formerly contained gasoline stations. These sites appear to be located downgradient from, or in separate drainage basins relative to the subject property. Based on the available information, environmental concerns from the properties in the surrounding region appear to be minimal.

Based on a review of statewide radon survey that includes information specific for the ZIP code of the site, a low radon potential is associated with the property. Radon concerns are usually associated with residences with subsurface living areas. Therefore, considering the proposed use of the site and the results of the noted radon study, environmental concerns due to the presence of radon appear to be minimal.

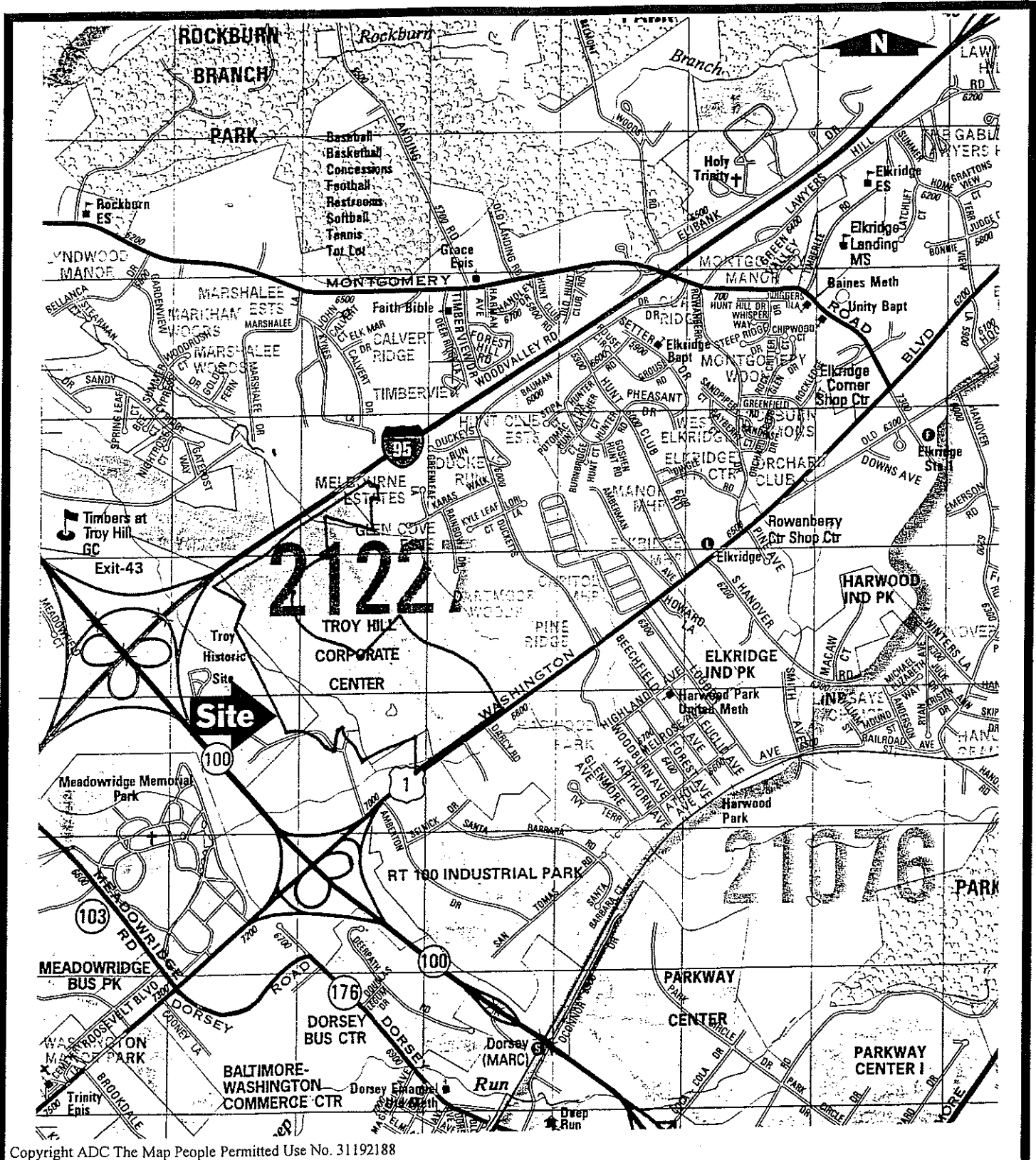
Our conclusions regarding this site have been based on observations of existing conditions and our interpretation of reasonably ascertainable site history and site usage data. Therefore, conclusions reached regarding the conditions of this site do not represent a warranty that all areas within the site are of a similar quality as may be inferred from observable site conditions and available site history.

To date, GTA has requested, but not yet received, information concerning the environmental quality of the site and vicinity from several regulatory authorities. Pending the contents of these responses, GTA reserves the right to modify our conclusions accordingly. ~~XXXX~~

This report was prepared by Geo-Technology Associates, Inc. (GTA) for the sole and exclusive use of Troy Hill Business Park Partnership. Use and reproduction of this report by any other person without the expressed written permission of GTA and Troy Hill Business Park Partnership is unauthorized, and such use is at the sole risk of the user.

APPENDIX A

LOCATION MAP



Copyright ADC The Map People Permitted Use No. 31192188



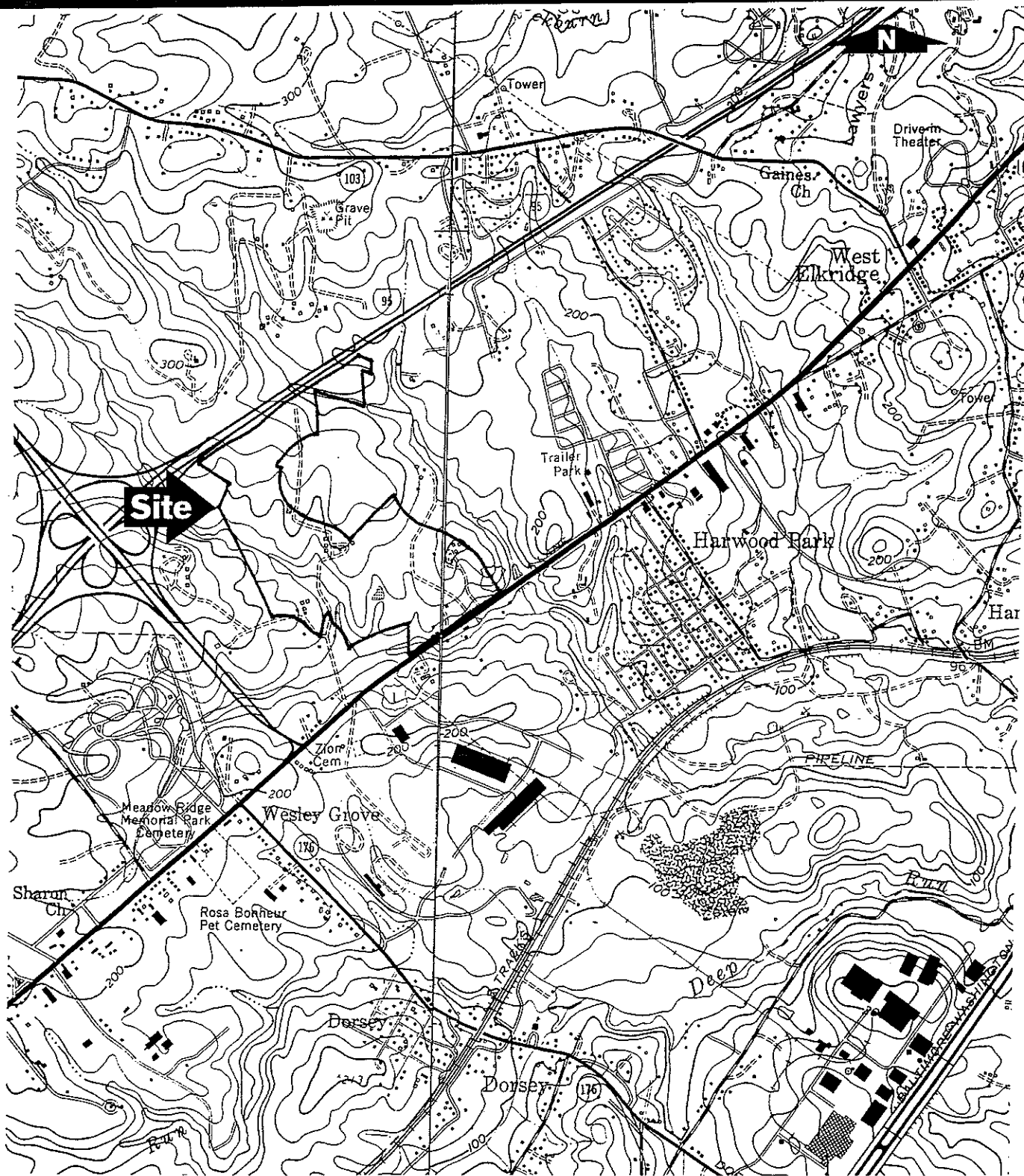
GEO-TECHNOLOGY ASSOCIATES, INC.
 GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS
 9090 Junction Drive, Suite 9
 Annapolis Junction, MD 20701
 (410) 792-9446
 Fax (410) 792-7395

SITE LOCATION MAP
 TROY HILL CORPORATE CTR.
 Howard County, Maryland

SCALE 1"=2000'±	DATE May 1999	DRAWN BY ADC	DESIGN BY SJS	REVIEW BY GTA	JOB NO. 99204.E
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APPENDIX B

TOPOGRAPHIC MAP



GEO-TECHNOLOGY ASSOCIATES, INC.
 GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS
 9090 Junction Drive, Suite 9
 Annapolis Junction, MD 20701
 (410) 792-9446
 Fax (410) 792-7395

TOPOGRAPHIC MAP **TROY HILL CORPORATE CTR.**

Howard County, Maryland

SCALE
 1"=2000'±

DATE
 May 1999

DRAWN BY
 USGS

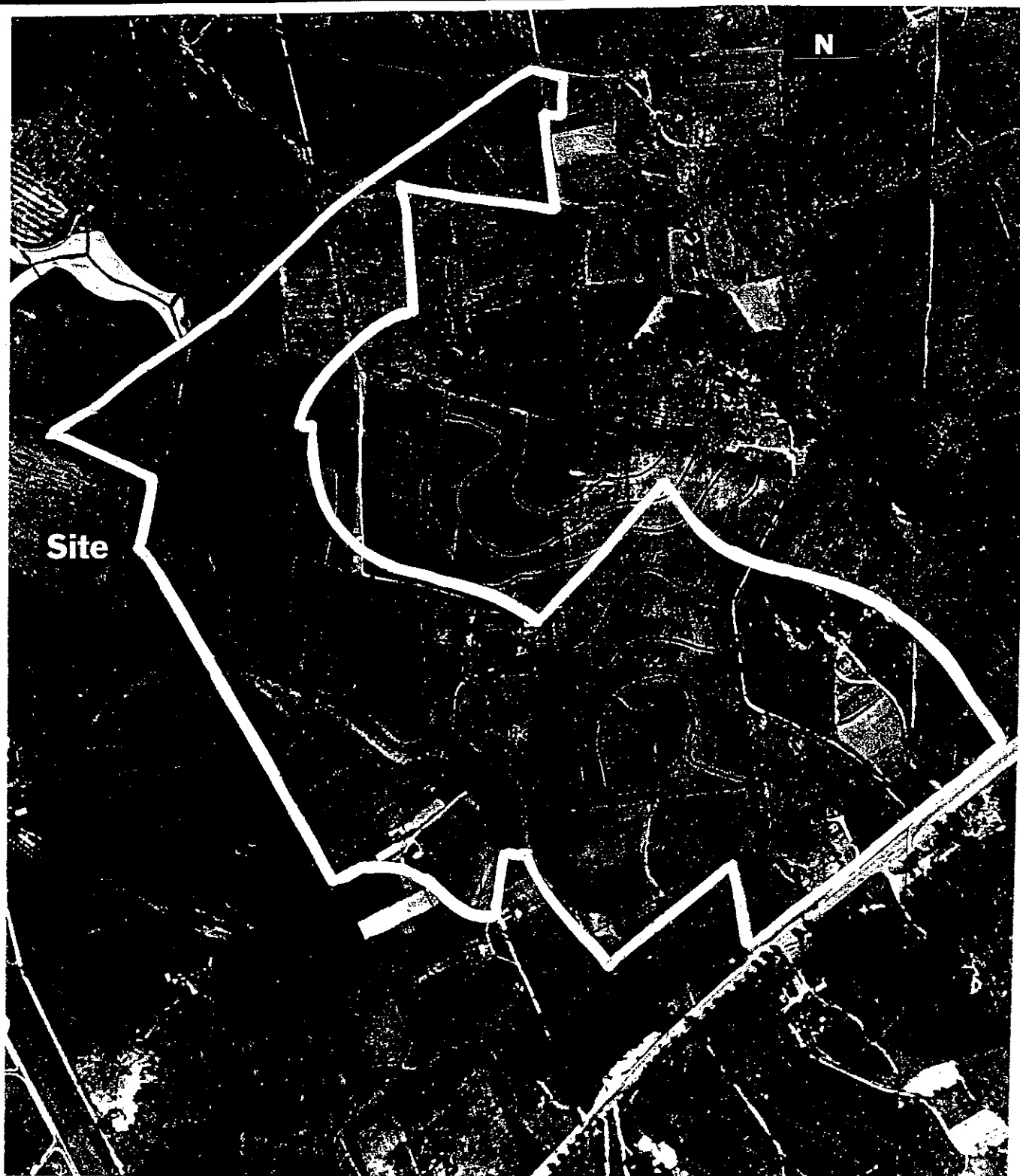
DESIGN BY
 SJS

REVIEW BY
 GTA

JOB NO.
 99204.E

APPENDIX C

AERIAL PHOTOGRAPHS



GEO-TECHNOLOGY ASSOCIATES, INC.
 GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS
 9090 Junction Drive, Suite 9
 Annapolis Junction, MD 20701
 (410) 792-9446
 Fax (410) 792-7395

1952 AERIAL PHOTOGRAPH
 TROY HILL CORPORATE CTR.
 Howard County, Maryland

SCALE 1"=660'±	DATE May 1999	DRAWN BY USDA	DESIGN BY SJS	REVIEW BY GTA	JOB NO. 99204.E
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GEO-TECHNOLOGY ASSOCIATES, INC.
 GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS
 9090 Junction Drive, Suite 9
 Annapolis Junction, MD 20701
 (410) 792-9446
 Fax (410) 792-7395

1970 AERIAL PHOTOGRAPH
TROY HILL CORPORATE CTR.
 Howard County, Maryland

SCALE 1"=1667'±	DATE May 1999	DRAWN BY USDA	DESIGN BY SJS	REVIEW BY GTA	JOB NO. 99204.E
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APPENDIX D

CORRESPONDENCE

GEO-TECHNOLOGY ASSOCIATES, INC.

GEOTECHNICAL AND
ENVIRONMENTAL CONSULTANTS

A Practicing ASFE Member Firm



May 7, 1999

Maryland Department of the Environment
Waste Management Administration
2500 Broening Highway
Baltimore, Maryland 21224

Attn: Mr. Donald Mauldin
Freedom of Information Act Coordinator

Re: Phase I Environmental Site Assessment
Troy Hill Business Park
U.S. Route 1
Howard County, Maryland

Dear Mr. Mauldin:

Geo-Technology Associates, Inc. (GTA) is conducting a Phase I Environmental Site Assessment (ESA) on a portion of the above-referenced site. As part of the ESA, GTA is requesting information concerning any known underground storage tank (UST), leaking UST (LUST), or hazardous waste issues on or near the site. Please include within your search any addresses on Troy Hill Drive, and 6800-7200 U.S. Route 1 (Washington Boulevard).

GTA respectfully requests you review your files and notify us accordingly. If you have any questions, please feel free to contact the undersigned at your convenience. Thank you for your attention to this matter, and we look forward to your response.

Sincerely,
GEO-TECHNOLOGY ASSOCIATES, INC.

Samuel J. Stevenson
Senior Environmental Scientist

SJS
99204.E

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☐ 341 E. MAIN STREET, NEWARK, DE 19711
☐ 139 N. MAIN STREET, SUITE 100A, BEL AIR, MD 21014
☐ 5702 INDUSTRY LANE, SUITE A-3, FREDERICK, MD 21701
☐ 45000 UNDERWOOD LANE, SUITE M, STERLING, VA 20166
☒ 9090 JUNCTION DRIVE, SUITE 9, ANNAPOLIS JUNCTION, MD 20701

■ 302-455-9440
■ 410-879-9446
■ 301-682-5226
■ 703-478-0055
■ 410-792-9446

■ FAX: 302-455-0474
■ FAX: 410-893-3437
■ FAX: 301-682-9254
■ FAX: 703-478-0137
■ FAX: 410-792-7395

GEO-TECHNOLOGY ASSOCIATES, INC.

GEOTECHNICAL AND
ENVIRONMENTAL CONSULTANTS

A Practicing ASFE Member Firm



May 7, 1999

Howard County Health Department
Community Environmental Health Services Program
3525-H Ellicott Mills Drive
Ellicott City, Maryland 21043

Attn: Mr. Bert Nixon

Re: Phase I Environmental Site Assessment
Troy Hill Business Park
U.S. Route 1
Howard County, Maryland

Dear Mr. Nixon:

Geo-Technology Associates, Inc. (GTA) is conducting a Phase I Environmental Site Assessment (ESA) for a portion of the above referenced site, which is designated as Lots A-4 and A-6, of Parcel 135, Tax Map 37. As part of the ESA, GTA is requesting information concerning any past environmental concerns, such as dumping, landfills, hazardous waste sites, soil or groundwater contamination issues, or leaking USTs on the referenced site or adjacent properties.

If you have any questions, please feel free to contact the undersigned at your convenience. Thank you for your attention to this matter, and we look forward to your response.

Sincerely,
GEO-TECHNOLOGY ASSOCIATES, INC.

Samuel J. Stevenson
Senior Environmental Scientist

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- ☐ 341 E. MAIN STREET, NEWARK, DE 19711
- ☐ 139 N. MAIN STREET, SUITE 100A, BEL AIR, MD 21014
- ☐ 5702 INDUSTRY LANE, SUITE A-3, FREDERICK, MD 21701
- ☐ 45000 UNDERWOOD LANE, SUITE M, STERLING, VA 20166
- ☒ 9090 JUNCTION DRIVE, SUITE 9, ANNAPOLIS JUNCTION, MD 20701

- 302-455-9440
- 410-879-9446
- 301-682-5226
- 703-478-0055
- 410-792-9446
- FAX: 302-455-0474
- FAX: 410-893-3437
- FAX: 301-682-9254
- FAX: 703-478-0137
- FAX: 410-792-7395

GEO-TECHNOLOGY ASSOCIATES, INC.

GEOTECHNICAL AND
ENVIRONMENTAL CONSULTANTS

A Practicing ASFE Member Firm

May 7, 1999



Howard County Department of Fire and Rescue Services
6751 Columbia Gateway Drive, Suite 400
Columbia, Maryland 21046

Attn: Sergeant Robert Wiseman

Re: Phase I Environmental Site Assessment
Troy Hill Business Park
U.S. Route 1
Howard County, Maryland

Dear Sergeant Wiseman:

Geo-Technology Associates, Inc. (GTA) is conducting a Phase I Environmental Site Assessment (ESA) for a portion of the above referenced site, which is identified as Lots A-4 and A-6, Parcel 135, Tax Map 37. As part of the ESA, GTA is requesting information concerning any Hazmat incidents which may have occurred on the referenced site or adjacent properties.

If you have any questions, please feel free to contact the undersigned at your convenience. Thank you for your attention to this matter, and we look forward to your response.

Sincerely,
GEO-TECHNOLOGY ASSOCIATES, INC.

Samuel J. Stevenson
Senior Environmental Scientist

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99204.E

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☐ 341 E. MAIN STREET, NEWARK, DE 19711
☐ 139 N. MAIN STREET, SUITE 100A, BEL AIR, MD 21014
☐ 5702 INDUSTRY LANE, SUITE A-3, FREDERICK, MD 21701
☐ 46000 UNDERWOOD LANE, SUITE M, STERLING, VA 20166
☒ 9090 JUNCTION DRIVE, SUITE 9, ANNAPOLIS JUNCTION, MD 20701

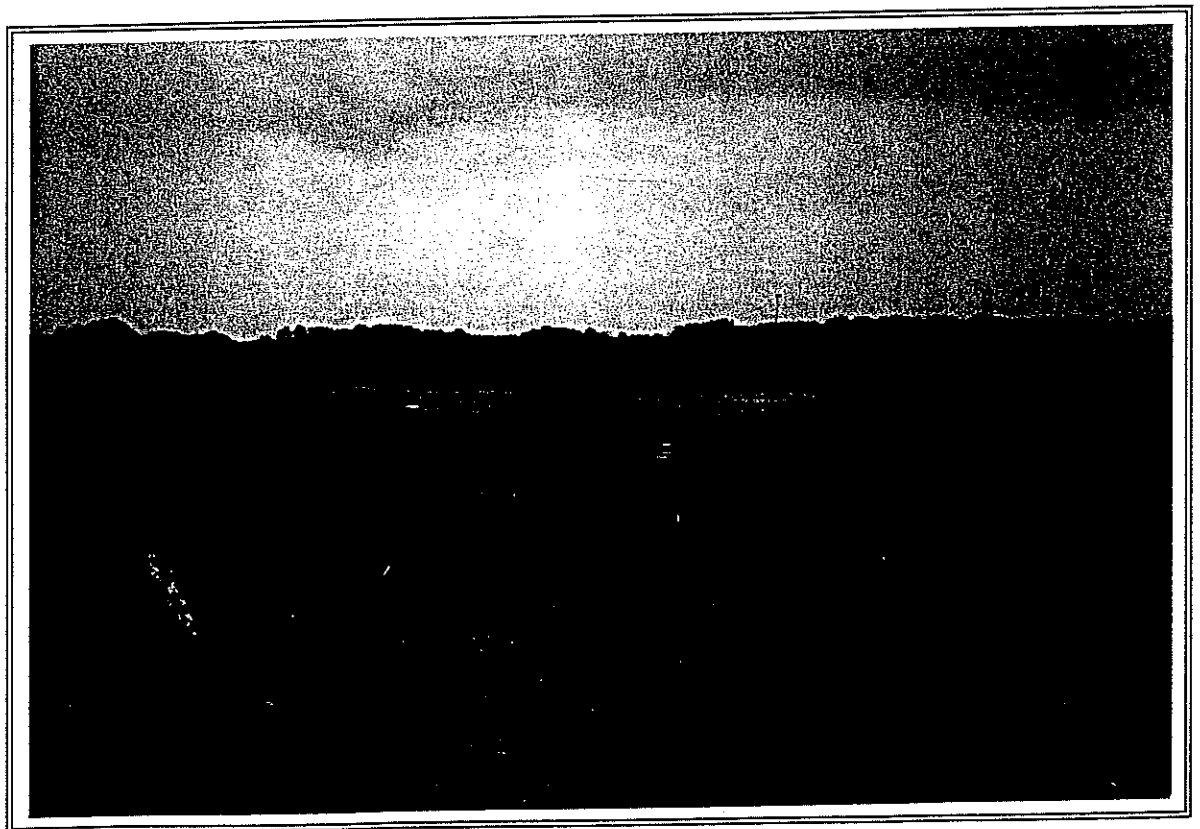
■ 302-455-9440 ■ FAX: 302-455-0474
■ 410-879-9446 ■ FAX: 410-893-3437
■ 301-682-5226 ■ FAX: 301-682-9254
■ 703-478-0055 ■ FAX: 703-478-0137
■ 410-792-9446 ■ FAX: 410-792-7395

APPENDIX E

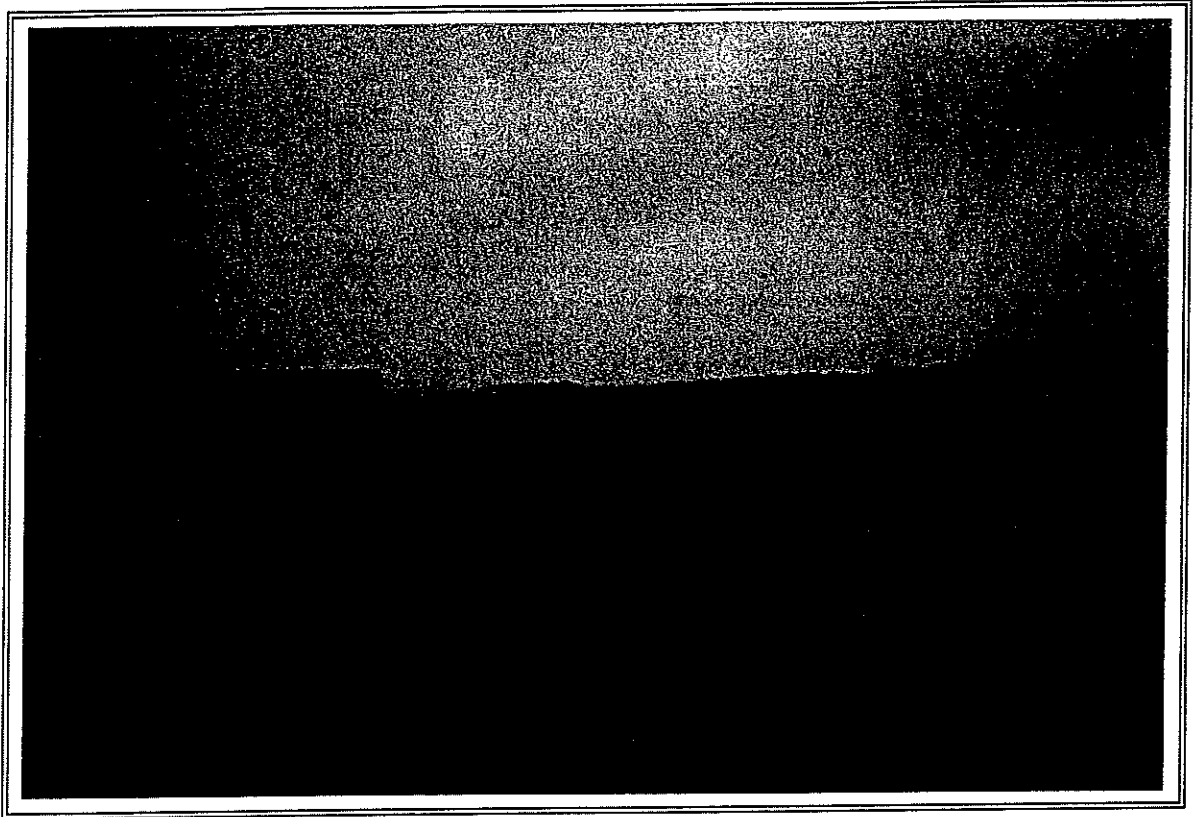
SITE PHOTOGRAPHS



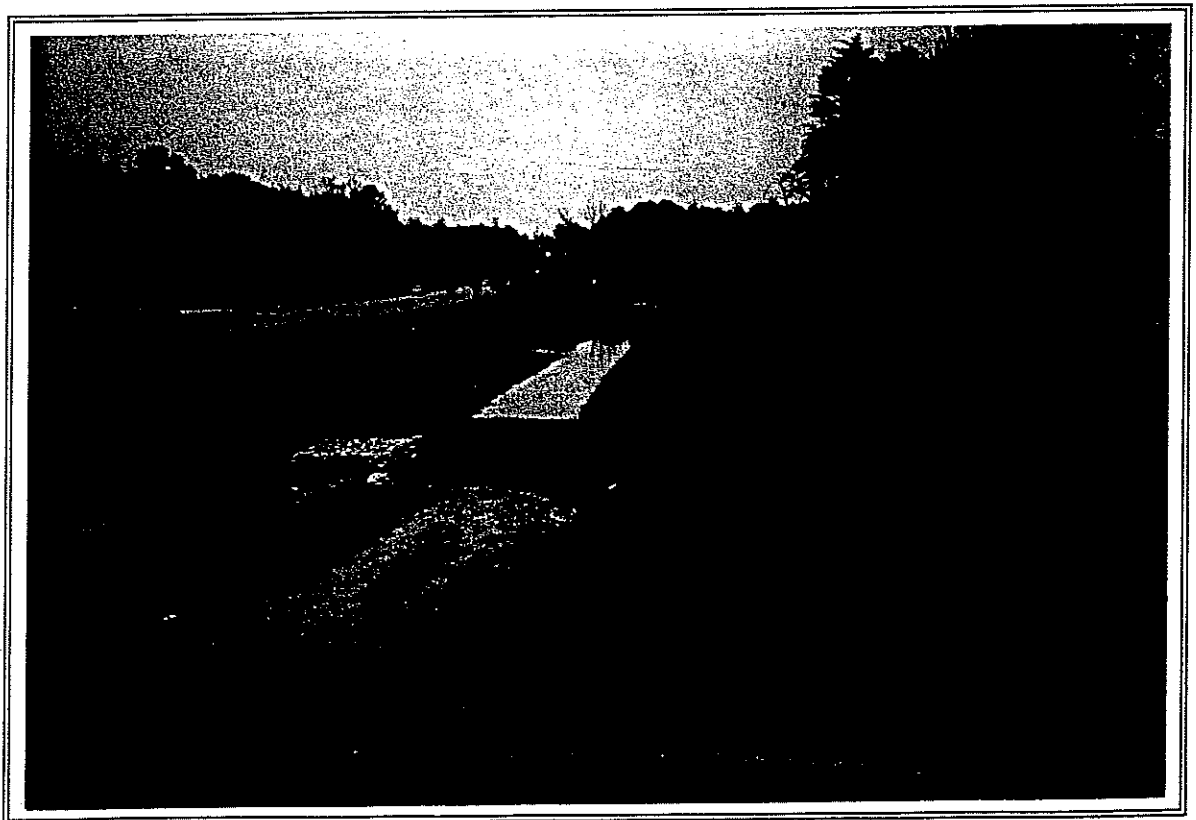
PHOTOGRAPH 1: View of a stockpile of dumped tires, located amid an area being cleared of vegetation, near the southern portion of the subject property.



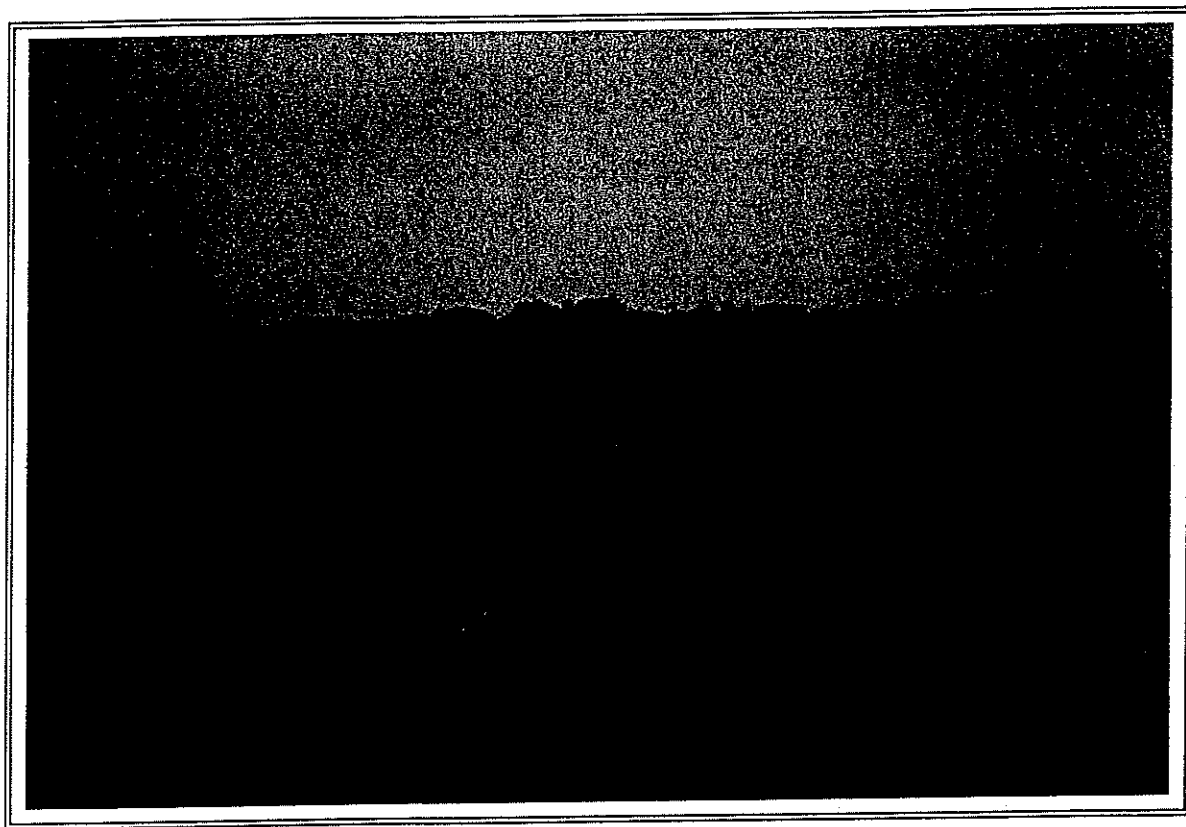
PHOTOGRAPH 2: View of clearing and grading activities being performed on the southern-central portion of the subject site.



PHOTOGRAPH 5: View of grading activities on the northern portion of the subject site. One of the Northrup-Grumman buildings is visible at left.



PHOTOGRAPH 6: View of stormwater management areas and U.S. Route 1, at the southern portion of the subject property.



PHOTOGRAPH 3: View of a stormwater management basin being constructed near the western portion of the subject property.



PHOTOGRAPH 4: View of the Colonial Pipeline easement and stream crossing, near the western portion of the subject property.

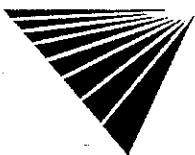
APPENDIX F

VISTA REPORT

SITE ASSESSMENT REPORT (EXTENDED BY 1/2 MILE)

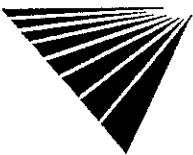
PROPERTY INFORMATION	CLIENT INFORMATION
Project Name/Ref #: 99204/TroyHill Manekin Corporation - Troy Hill 6900 Baltimore Washington Blvd Elkridge, MD 21227 Latitude/Longitude: (39.197632, 76.754914)	Sam Stevenson Geo-Technology Associates, Inc 139 North Main Street Suite 100A Bel Air, MD 21014

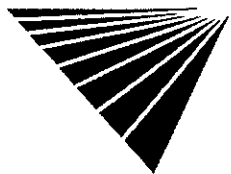
Site Distribution Summary			within 5/8 mile	5/8 to 3/4 mile	3/4 to 1 mile	1 to 1 1/2 mile
Agency / Database - Type of Records						
A) Databases searched to 1 1/2 mile:						
US EPA	NPL	National Priority List	0	0	0	0
US EPA	CORRACTS (TSD)	RCRA Corrective Actions and associated TSD	0	0	1	0
B) Databases searched to 1 mile:						
STATE	SCL	State equivalent CERCLIS list	0	0	2	-
US EPA	CERCLIS / NFRAP	Sites currently or formerly under review by US EPA	0	0	2	-
US EPA	TSD	RCRA permitted treatment, storage, disposal facilities	0	0	0	-
STATE	LUST	Leaking Underground Storage Tanks	0	1	2	-
STATE	SWLF	Permitted as solid waste landfills, incinerators, or transfer stations	0	0	0	-
C) Databases searched to 3/4 mile:						
STATE	UST	Registered underground storage tanks	3	3	-	-
D) Databases searched to 5/8 mile:						
US EPA	ERNS	Emergency Response Notification System of spills	0	-	-	-
US EPA	LG GEN	RCRA registered large generators of hazardous waste	0	-	-	-
US EPA	SM GEN	RCRA registered small generators of hazardous waste	0	-	-	-
STATE	SPILLS	State spills list	1	-	-	-



LIMITATION OF LIABILITY

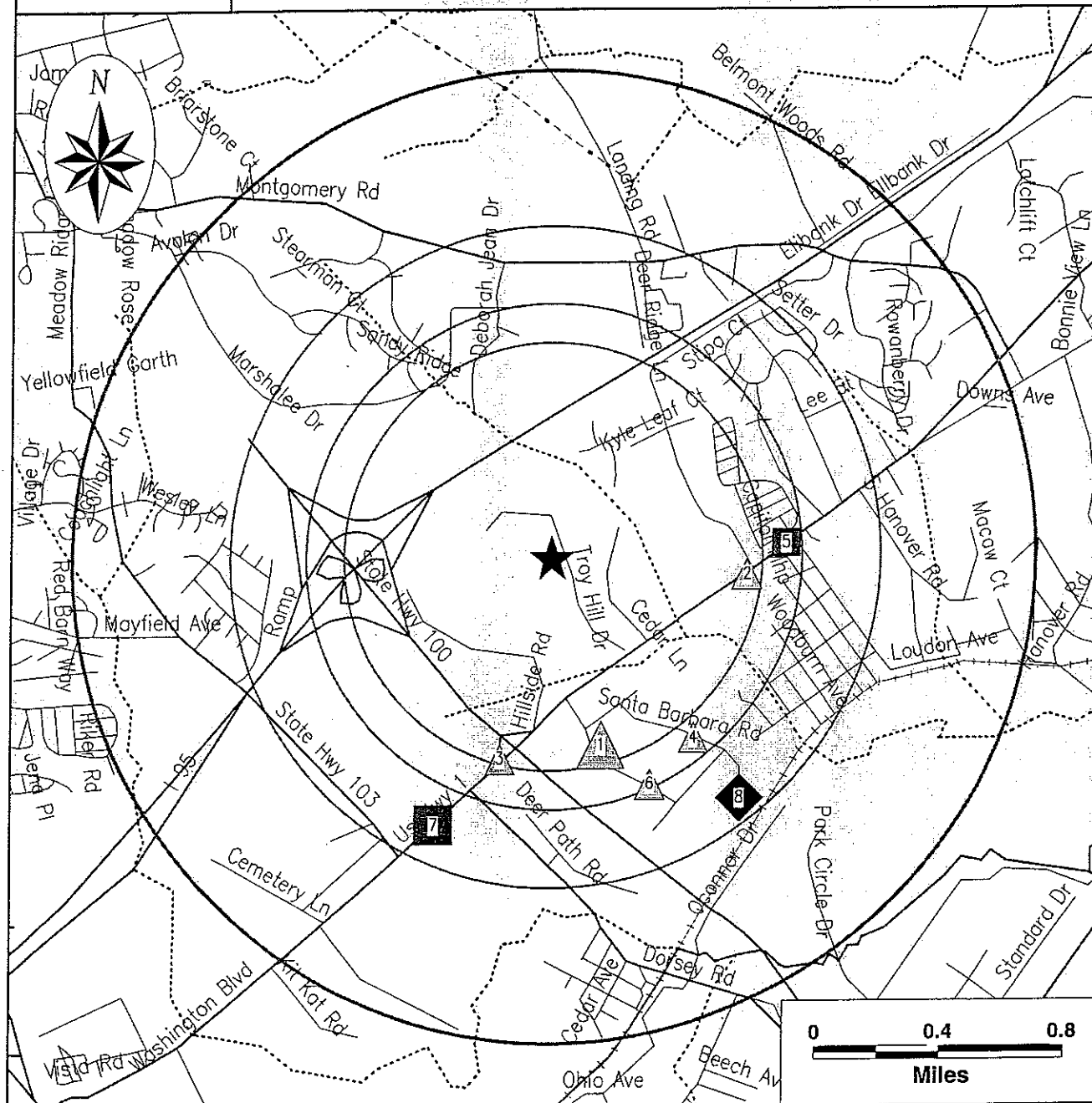
NOTES





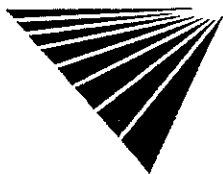
SITE ASSESSMENT REPORT (EXTENDED BY 1/2 MILE)

Map of Sites within 1 1/2 Miles



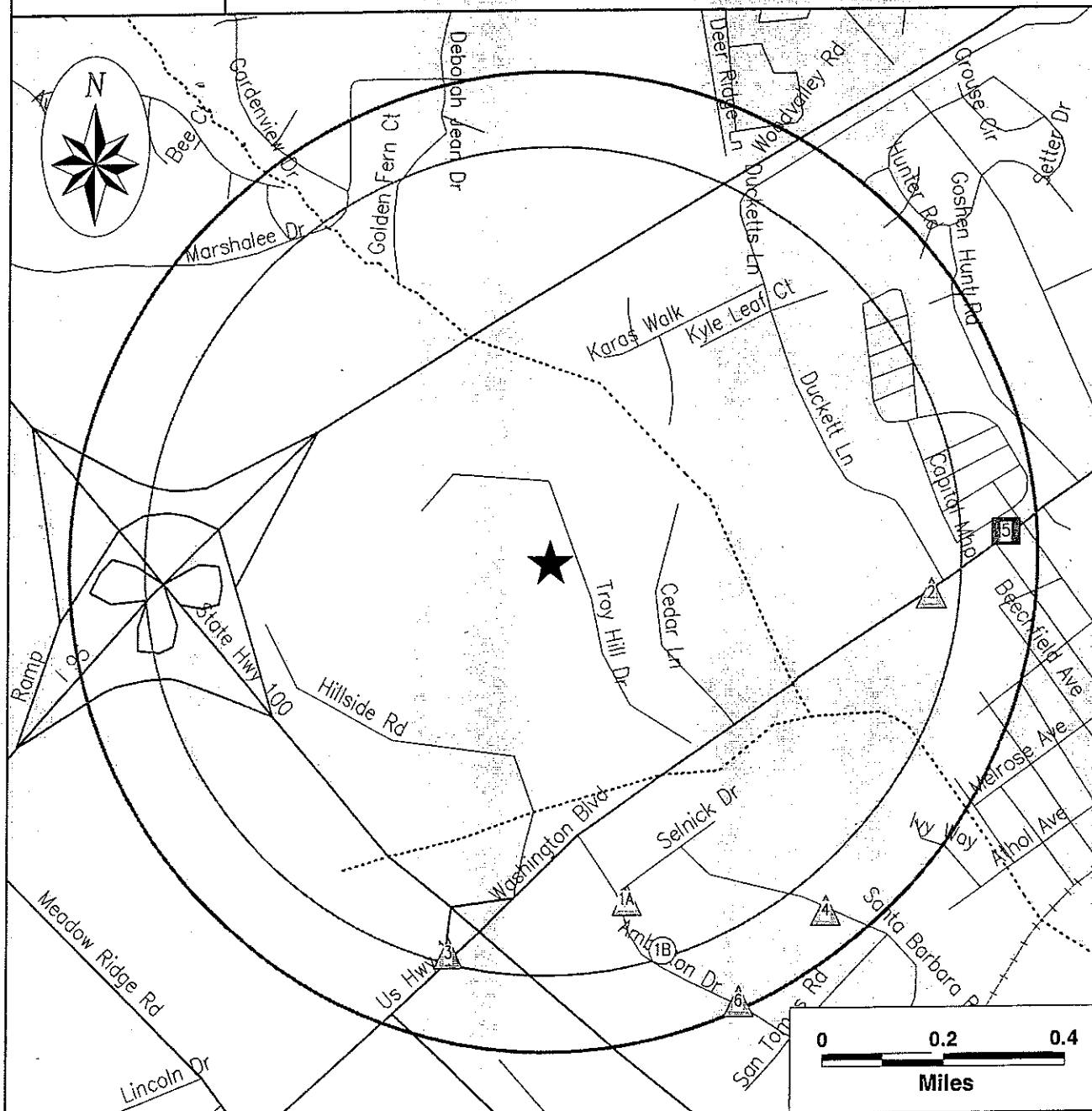
Subject Site	Category:	A	B	C	D
	Databases Searched to:	1 1/2 mi.	1 mi.	3/4 mi.	5/8 mi.
★	Single Sites	◆	■	▲	○
	Multiple Sites	◆	■	▲	○
	Highways and Major Roads	NPL, SPL, CORRACTS (TSD)	CERCLIS, NFRAP, TSD, LUST, SWLF, SCL	UST	ERNS, GENERATORS
	Roads				
	Railroads				
	Rivers or Water Bodies				
	Utilities				






If additional databases are listed in the cover page of the report they are also displayed on this map. The map symbol used corresponds to the database category letter A,B,C,D.

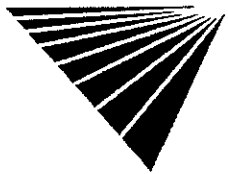


SITE ASSESSMENT REPORT (EXTENDED BY 1/2 MILE)

Map of Sites within 3/4 Miles

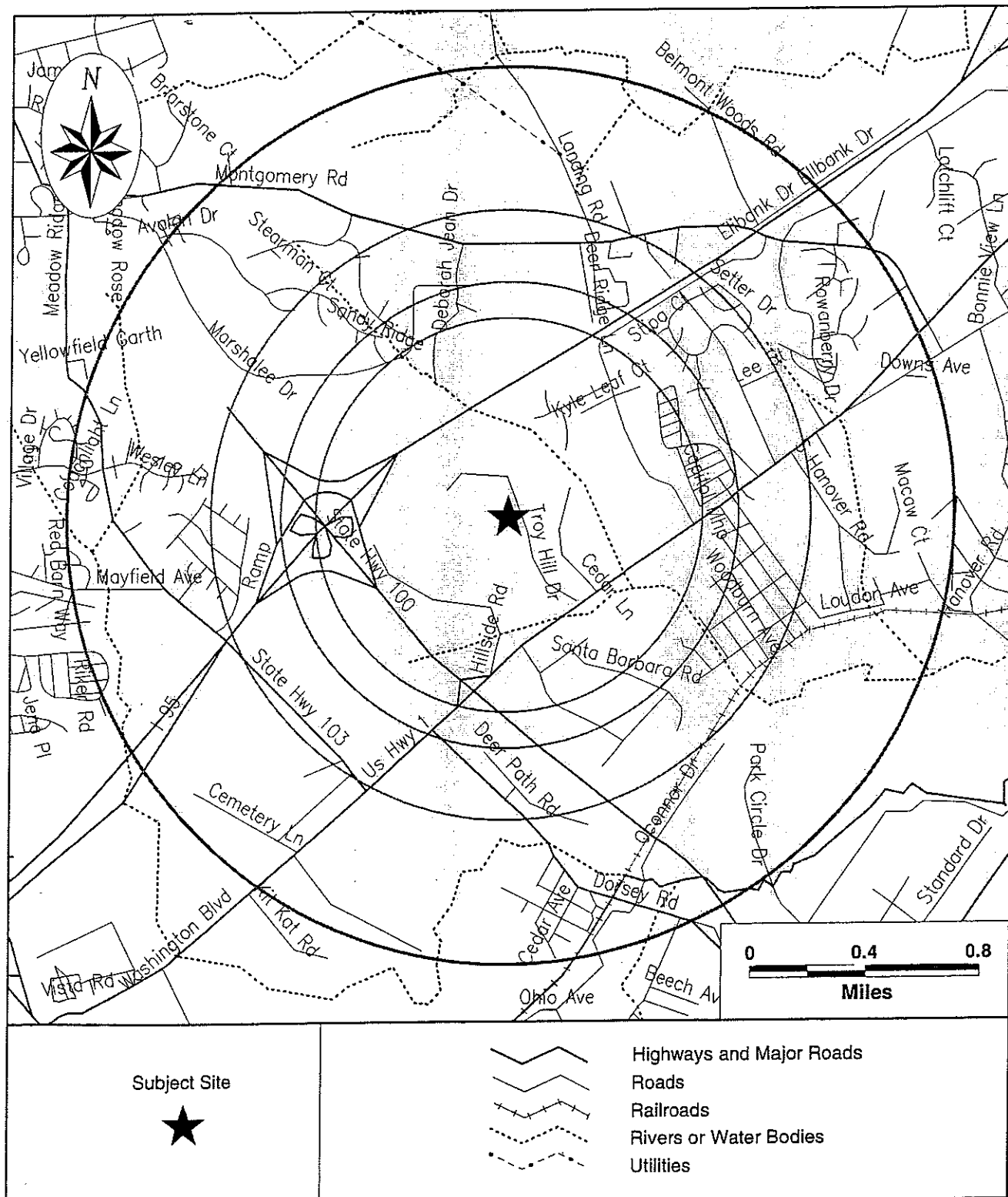


Subject Site	Category:	A	B	C	D
★	Databases Searched to:	1 1/2 mi.	1 mi.	3/4 mi.	5/8 mi.
	Single Sites	◆	■	▲	○
	Multiple Sites	◆	■	▲	○
 Highways and Major Roads  Roads  Railroads  Rivers or Water Bodies  Utilities		NPL, SPL, CORRACTS (TSD)	CERCLIS/ NFRAP, TSD, LUST, SWLF, SCL	UST	ERNS, GENERATORS
If additional databases are listed in the cover page of the report they are also displayed on this map. The map symbol used corresponds to the database category letter A,B,C,D.					



SITE ASSESSMENT REPORT (EXTENDED BY 1/2 MILE)

Street Map



SITE ASSESSMENT REPORT (EXTENDED BY 1/2 MILE)

SITE INVENTORY

MAP ID	PROPERTY AND THE ADJACENT AREA (within 5/8 mile)	VISTA ID DISTANCE DIRECTION	A		B				C	D				
			NPL	CORRACTS(TSD)	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	UST	ERNS	LG GEN	SM GEN	SPIITS
1A	DORSEY ASSOCIATES 6601 AMBERTON DRIVE BALTIMORE, MD 21227	4079936 0.51 MI S								X				
1B	6630 AMBERTON DR BALTIMORE, MD 21227	5065153 0.61 MI S												X
2	JOHN FEEZER COMPANY 6807 WASHINGTON BOULEVARD BALTIMORE, MD 21227	4087912 0.58 MI E								X				
3	TROY HISTORIC SITE OFF 7150 WASHINGTON BLVD BALTIMORE, MD 21227	4877706 0.61 MI S								X				

MAP ID	SITES IN THE SURROUNDING AREA (within 5/8 - 3/4 mile)	VISTA ID DISTANCE DIRECTION	A		B				C	D			
			NPL	CORRACTS(TSD)	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	UST	ERNS	LG GEN	SM GEN
4	KAISER 3 6660 SANTA BARBARA ROAD BALTIMORE, MD 21227	4086924 0.68 MI SE							X				
5	ABF FREIGHT SYSTEM INC. 6720 WASHINGTON BLVD. BALTIMORE, MD 21227	71214 0.70 MI E						X	X			•	
6	MIE PROPERTIES (TEXAS INSTR) 6675 AMBERTON DR BALTIMORE, MD 21227	5151895 0.73 MI SE							X				

X = search criteria; • = tag-along (beyond search criteria).

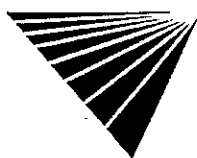
For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

Report ID: 99204Troy

Date of Report: May 4, 1999

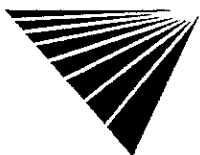
Version 2.6.1

Page #6



MAP ID	SITES IN THE SURROUNDING AREA (within 3/4 - 1 mile)	VISTA ID DISTANCE DIRECTION	A		B				C	D				
			NPL	CORRACTS(TSD)	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	UST	ERNS	LG GEN	SM GEN	SPILLS
7	DORSEY EXXON STA. 7235 WASHINGTON BOULEVARD , md	5300690 0.84 MI SW						X						
7	OLGA NELSON ENTERPRISES 7269 WASHINGTON BLVD BALTIMORE, MD 21227	308691 0.92 MI SW			X	X								
8	ENTENMANNS BAKERY 6730 SANTA BARBARA COURT , md	5300651 0.92 MI SE						X						
8	CHESAPEAKE FINISHED METALS INC. 6754 SANTA BARBARA COURT BALTIMORE, MD 21227	80168 0.93 MI SE	X	X	X				•		•			

MAP ID	SITES IN THE SURROUNDING AREA (within 1 - 1 1/2 mile)	VISTA ID DISTANCE DIRECTION	A		B				C	D				
			NPL	CORRAGIS(TSD)	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	UST	ERNS	LG GEN	SM GEN	SPILLS
No Records Found														



X = search criteria; • = tag-along (beyond search criteria).

For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

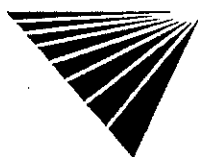
Report ID: 99204Troy

Version 2.6.1

Date of Report: May 4, 1999

Page #7

UNMAPPED SITES	VISTA ID	A		B					C		D		
		NPL	CORRACTS(TSD)	SCL	CERCLIS/NFRAP	TSD	LUST	SWLF	UST	ERNS	LG GEN	SM GEN	SPILLS
LUCAS BROTHERS INC. 7700 PORT CAPITAL DRIVE BALTIMORE, MD 21227	4085368								X				
PANASONIC PRODUCTS RENEWAL CTR 6675 BUSINESS PKY BALTIMORE, MD 21227	5216577											X	
LONG LIFE TREATED WOOD INC DORSEY RACEWAY RD HANOVER, MD 21076	249283			X	X								
BROWNING FERRIS IND ELKRIDGE LANDING RD BALTIMORE, MD 21227	59771				X								
OCEAN PINES (36200) OCEAN DOWNS ROAD (MD 589) BALTIMORE, MD 21227	4084657								X				
REZAI DR. MRS. N. 416 GYN ROAD BALTIMORE, MD 21227	4082823								X				
SHRED - ALL P.O. BOX 24119 BALTIMORE, MD 21227	6522938							X					
WESTERN ACCEPTANCE FACILITY (EXIT 9 OFF BELTWAY) 3310 TRANSW BALTIMORE, MD 21227	6523092							X					
FAIRMONT MILL LUMBER CO 6303 MACAN COURT BALTIMORE, MD 21227	6740525								X				
FORMER FRANKS EXXON CENTER 9529 ANNAPOLIS ROAD BALTIMORE, MD 21227	6740828								X				
WASTE MGMT OF MD/BALTIMORE 6333 MACAN CT. BALTIMORE, MD 21227	6741744								X				
GWYNNS RUN YARD CALVERTON RD MC CLELLAN ST BALTIMORE, MD 21227	721228								X				
MCI TELECOM HALETHORPE FARMS RD. BALTIMORE, MD 21227	1937445								X				
STEUART PETROLEUM CO. 7300 BALTIMORE AVE. BALTIMORE, MD 21227	724216								X				
OLD TYME/TEN OAKS LIQUORS TRIADELPHIA TEN OAKS , md	5300533						X						
LISBON ELEM SCHOOL OLD FREDERICK ROAD (RT 144) , md	5300536						X						



X = search criteria; * = tag-along (beyond search criteria).

For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

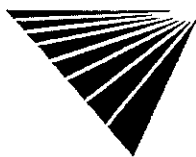
Report ID: 99204Troy

Date of Report: May 4, 1999

Version 2.6.1

Page #8

UNMAPPED SITES	VISTA ID	A		B					C	D			
		NPL	CORRACTS(TSD)	SCL	CERCLIS/NFRAP	TSD	IUST	SWLF	UST	ERNS	LG GEN	SM GEN	SPILLS
ALPHA RIDGE 823 539 , MD	2270004							X					
JOHN RIDDLE 10370 ROUTE 99 WOODSTOCK, MD 21063	6544479								X				
SAFEWAY 1451 S. RITCHIE HIGHWAY , MD	6523311							X					
PST RLF EXP. 899 370 , MD	6522963							X					



X = search criteria; • = tag-along (beyond search criteria).

For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

Report ID: 99204Troy

Date of Report: May 4, 1999

Version 2.6.1

Page #9

SITE ASSESSMENT REPORT (EXTENDED BY 1/2 MILE)

DETAILS

PROPERTY AND THE ADJACENT AREA (within 5/8 mile)

VISTA Address*:	DORSEY ASSOCIATES 6601 AMBERTON DRIVE BALTIMORE, MD 21227	VISTA ID#:	4079936
		Distance/Direction:	0.51 MI / S
		Plotted as:	Point
STATE UST - State Underground Storage Tank / SRC# 3594		Agency ID:	6007616
Agency Address:	SAME AS ABOVE		
Underground Tanks:	1		
Aboveground Tanks:	NOT REPORTED		
Tanks Removed:	NOT REPORTED		
Tank ID:	001U	Tank Status:	CURRENT
Tank Contents:	HEATING OIL	Leak Monitoring:	NOT AVAILABLE
Tank Age:	21	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	5000 (GALLONS)	Tank Material:	NOT AVAILABLE

Map ID

1A

VISTA Address*:	6630 AMBERTON DR BALTIMORE, MD 21227	VISTA ID#:	5065153
		Distance/Direction:	0.61 MI / S
		Plotted as:	Point
State Spills / SRC# 3597		EPA/Agency ID:	N/A
Agency Address:	6630 AMBERTON DR MD		
Spill Date:	19940414		
Call / Report Date:	19940414		
Call / Report Time:	1014		
Quantity Spilled:	10	Spilled Units:	GALLONS
Spill Source:	BOX TRUCK		

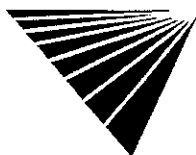
Map ID

1B

VISTA Address*:	JOHN FEEZER COMPANY 6807 WASHINGTON BOULEVARD BALTIMORE, MD 21227	VISTA ID#:	4087912
		Distance/Direction:	0.58 MI / E
		Plotted as:	Point
STATE UST - State Underground Storage Tank / SRC# 3594		Agency ID:	6007599
Agency Address:	JOHN FEEZER COMPANY 6807 WASHINGTON BOULEVARD ELKRIDGE, MD 21227		
Underground Tanks:	1		
Aboveground Tanks:	NOT REPORTED		
Tanks Removed:	NOT REPORTED		

Map ID

2



* VISTA address includes enhanced city and ZIP.

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Report ID: 99204Troy

Date of Report: May 4, 1999

Version 2.6.1

Page #10

PROPERTY AND THE ADJACENT AREA (within 5/8 mile) CONT.

Tank ID:	001U	Tank Status:	CURRENT
Tank Contents:	HEATING OIL	Leak Monitoring:	NOT AVAILABLE
Tank Age:	29	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	550 (GALLONS)	Tank Material:	NOT AVAILABLE

VISTA Address*:	TROY HISTORIC SITE OFF 7150 WASHINGTON BLVD BALTIMORE, MD 21227	VISTA ID#:	4877706
		Distance/Direction:	0.61 MI / S
		Plotted as:	Point

Map ID

3

STATE UST - State Underground Storage Tank / SRC# 3594		Agency ID:	6007737
Agency Address:	TROY HISTORIC SITE OFF 7150 WASHINGTON BLVD ELKRIDGE, MD 21227		
Underground Tanks:	1		
Aboveground Tanks:	NOT REPORTED		
Tanks Removed:	1		
Tank ID:	001U	Tank Status:	REMOVED
Tank Contents:	HEATING OIL	Leak Monitoring:	NOT AVAILABLE
Tank Age:	NOT REPORTED	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	1000 (GALLONS)	Tank Material:	NOT AVAILABLE

SITES IN THE SURROUNDING AREA (within 5/8 - 3/4 mile)

VISTA Address*:	KAISER 3 6660 SANTA BARBARA ROAD BALTIMORE, MD 21227	VISTA ID#:	4086924
		Distance/Direction:	0.68 MI / SE
		Plotted as:	Point

Map ID

4

STATE UST - State Underground Storage Tank / SRC# 3594		Agency ID:	6007598
Agency Address:	KAISER 3 6660 SANTA BARBARA ROAD ELKRIDGE, MD 21227		
Underground Tanks:	10		
Aboveground Tanks:	NOT REPORTED		
Tanks Removed:	NOT REPORTED		
Tank ID:	001U	Tank Status:	CURRENT
Tank Contents:	HEATING OIL	Leak Monitoring:	NOT AVAILABLE
Tank Age:	21	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	1000 (GALLONS)	Tank Material:	NOT AVAILABLE
Tank ID:	002U	Tank Status:	CURRENT
Tank Contents:	HEATING OIL	Leak Monitoring:	NOT AVAILABLE
Tank Age:	21	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	1000 (GALLONS)	Tank Material:	NOT AVAILABLE
Tank ID:	003U	Tank Status:	CURRENT
Tank Contents:	HEATING OIL	Leak Monitoring:	NOT AVAILABLE
Tank Age:	21	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	1000 (GALLONS)	Tank Material:	NOT AVAILABLE



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Report ID: 99204Troy

Date of Report: May 4, 1999

Version 2.6.1

Page #11

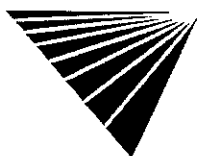
SITES IN THE SURROUNDING AREA (within 5/8 - 3/4 mile) CONT.

Tank ID:	004U	Tank Status:	CURRENT
Tank Contents:	HEATING OIL	Leak Monitoring:	NOT AVAILABLE
Tank Age:	21	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	1000 (GALLONS)	Tank Material:	NOT AVAILABLE
Tank ID:	005U	Tank Status:	CURRENT
Tank Contents:	HEATING OIL	Leak Monitoring:	NOT AVAILABLE
Tank Age:	21	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	1000 (GALLONS)	Tank Material:	NOT AVAILABLE
Tank ID:	006U	Tank Status:	CURRENT
Tank Contents:	HEATING OIL	Leak Monitoring:	NOT AVAILABLE
Tank Age:	21	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	1000 (GALLONS)	Tank Material:	NOT AVAILABLE
Tank ID:	007U	Tank Status:	CURRENT
Tank Contents:	HEATING OIL	Leak Monitoring:	NOT AVAILABLE
Tank Age:	21	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	1000 (GALLONS)	Tank Material:	NOT AVAILABLE
Tank ID:	008U	Tank Status:	CURRENT
Tank Contents:	HEATING OIL	Leak Monitoring:	NOT AVAILABLE
Tank Age:	21	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	1000 (GALLONS)	Tank Material:	NOT AVAILABLE
Tank ID:	009U	Tank Status:	OUT OF SERVICE
Tank Contents:	HEATING OIL	Leak Monitoring:	NOT AVAILABLE
Tank Age:	21	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	1000 (GALLONS)	Tank Material:	NOT AVAILABLE
Tank ID:	010U	Tank Status:	OUT OF SERVICE
Tank Contents:	HEATING OIL	Leak Monitoring:	NOT AVAILABLE
Tank Age:	21	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	1000 (GALLONS)	Tank Material:	NOT AVAILABLE

VISTA Address*	ABF FREIGHT SYSTEM INC. 6720 WASHINGTON BLVD. BALTIMORE, MD 21227	VISTA ID#:	71214
		Distance/Direction:	0.70 MI / E
		Plotted as:	Point
STATE UST - State Underground Storage Tank / SRC# 3594		Agency ID:	3007849
Agency Address:	ABF FREIGHT SYSTEM INC. 6720 WASHINGTON BLVD. ELKRIDGE, MD 21227		
Underground Tanks:	6		
Aboveground Tanks:	NOT REPORTED		
Tanks Removed:	5		
Tank ID:	001U	Tank Status:	REMOVED
Tank Contents:	DIESEL	Leak Monitoring:	NOT AVAILABLE
Tank Age:	16	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	20000 (GALLONS)	Tank Material:	NOT AVAILABLE

Map ID

5



* VISTA address includes enhanced city and ZIP.

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Report ID: 99204Troy

Version 2.6.1

Date of Report: May 4, 1999

Page #12

SITES IN THE SURROUNDING AREA (within 5/8 - 3/4 mile) CONT.

Tank ID:	002U	Tank Status:	REMOVED
Tank Contents:	DIESEL	Leak Monitoring:	NOT AVAILABLE
Tank Age:	16	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	20000 (GALLONS)	Tank Material:	NOT AVAILABLE
Tank ID:	003U	Tank Status:	REMOVED
Tank Contents:	DIESEL	Leak Monitoring:	NOT AVAILABLE
Tank Age:	16	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	20000 (GALLONS)	Tank Material:	NOT AVAILABLE
Tank ID:	004U	Tank Status:	CURRENT
Tank Contents:	DIESEL	Leak Monitoring:	NOT AVAILABLE
Tank Age:	11	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	10000 (GALLONS)	Tank Material:	NOT AVAILABLE
Tank ID:	005U	Tank Status:	REMOVED
Tank Contents:	USED OIL	Leak Monitoring:	NOT AVAILABLE
Tank Age:	23	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	550 (GALLONS)	Tank Material:	NOT AVAILABLE
Tank ID:	006U	Tank Status:	REMOVED
Tank Contents:	OTHER	Leak Monitoring:	NOT AVAILABLE
Tank Age:	23	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	10000 (GALLONS)	Tank Material:	NOT AVAILABLE

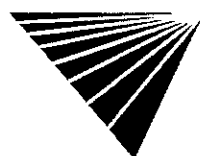
STATE LUST - State Leaking Underground Storage Tank / SRC# 5604		EPA/Agency ID:	N/A
Agency Address:	CAROLINA FREIGHT TERMINAL 6720 WASHINGTON BOULEVARD md		
Leak ID#:	95-0368HO		
Remediation Event:	MONITORING		
Remediation Status:	CLOSED		
Description / Comment:	FACILITY COUNTY: HOWARD		
Description / Comment:	MONITOR DESCRIPTION: NO ACTIVE REMEDIATION. SAMPLING OF MONITORING WELLS ONLY		

VISTA Address*	MIE PROPERTIES (TEXAS INSTR) 6675 AMBERTON DR BALTIMORE, MD 21227	VISTA ID#:	5151895
		Distance/Direction:	0.73 MI / SE
		Plotted as:	Point

STATE UST - State Underground Storage Tank / SRC# 3594		Agency ID:	6007743
Agency Address:	MIE PROPERTIES (TEXAS INSTR) 6675 AMBERTON DR ELKRIDGE, MD 21227		
Underground Tanks:	1		
Aboveground Tanks:	NOT REPORTED		
Tanks Removed:	1		
Tank ID:	001U	Tank Status:	REMOVED
Tank Contents:	USED OIL	Leak Monitoring:	NOT AVAILABLE
Tank Age:	23	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	550 (GALLONS)	Tank Material:	NOT AVAILABLE

Map ID

6



* VISTA address includes enhanced city and ZIP.

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Report ID: 99204Troy

Date of Report: May 4, 1999

Version 2.6.1

Page #13

SITES IN THE SURROUNDING AREA (within 3/4 - 1 mile)

VISTA Address:	DORSEY EXXON STA. 7235 WASHINGTON BOULEVARD md	VISTA ID#:	5300690
		Distance/Direction:	0.84 MI / SW
		Plotted as:	Point

Map ID

7

STATE LUST - State Leaking Underground Storage Tank / SRC# 5604		EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE		
Leak ID#:	90-2487HO		
Remediation Event:	MONITORING		
Remediation Status:	OPEN		
Description / Comment:	FACILITY COUNTY: HOWARD		
Description / Comment:	MONITOR DESCRIPTION: NO ACTIVE REMEDIATION. SAMPLING OF MONITORING WELLS ONLY		

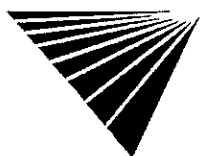
VISTA Address:	OLGA NELSON ENTERPRISES 7269 WASHINGTON BLVD BALTIMORE, MD 21227	VISTA ID#:	308691
		Distance/Direction:	0.92 MI / SW
		Plotted as:	Point

Map ID

7

SCL - State Equivalent CERCLIS List / SRC# 5517		Agency ID:	272
Agency Address:	SAME AS ABOVE		
Status:	UNKNOWN		
Facility Type:	NOT AVAILABLE		
Lead Agency:	NOT AVAILABLE		
State Status:	Agency Code (AA=)		
Pollutant 1:	UNKNOWN		
Pollutant 2:	UNKNOWN		
Pollutant 3:	UNKNOWN		

NFRAP / SRC# 5595		EPA ID:	MDD005068523
Agency Address:	SAME AS ABOVE		
EPA Region:	3		
Congressional District:	0		
Federal Facility:	Agency Code ()		
Facility Ownership:	UNKNOWN		
Site Incident Category:	unknown		
Federal Facility Docket:	SITE IS NOT INCLUDED ON THE DOCKET		
NPL Status:	NOT ON NPL		
Incident Type:	Unknown		
Proposed NPL Update #:	0		
Final NPL Update #:	0		
Financial Management System ID:	NOT REPORTED		
Latitude:	0		
Longitude:	0		
Lat/Long Source:	Agency Code ()		
Lat/Long Accuracy:	Unknown		
Dioxin Tier:	Unknown		
USGS Hydro Unit:	2060003		
RCRA Indicator:	Unknown		



* VISTA address includes enhanced city and ZIP.

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Report ID: 99204Troy

Date of Report: May 4, 1999

Version 2.6.1

Page #14

SITES IN THE SURROUNDING AREA (within 3/4 - 1 mile) CONT.

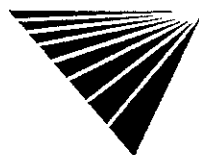
Unit Id:	0
Unit Name:	ENTIRE SITE
Type:	DISCOVERY
Qualifier:	UNKNOWN
Name:	NOT REPORTED
Plan Status:	Unknown
Lead Agency:	EPA FUND-FINANCED
Category:	Unknown
Actual Start Date:	NOT REPORTED
Actual Completion Date:	JULY 2, 1988
Type:	PRELIMINARY ASSESSMENT
Qualifier:	NO FURTHER REMEDIAL ACTION PLANNED
Name:	NOT REPORTED
Plan Status:	Unknown
Lead Agency:	STATE, FUND FINANCED
Category:	Unknown
Actual Start Date:	NOT REPORTED
Actual Completion Date:	UNKNOWN

VISTA Address*:	ENTENMANN'S BAKERY 6730 SANTA BARBARA COURT md	VISTA ID#:	5300651
		Distance/Direction:	0.92 MI / SE
		Plotted as:	Point
STATE LUST - State Leaking Underground Storage Tank / SRC# 5604		EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE		
Leak ID#:	92-2162HO		
Remediation Event:	HANDBAIL		
Remediation Status:	OPEN		
Description / Comment:	FACILITY COUNTY: HOWARD		
Description / Comment:	HANDBAIL DESCRIPTION: HAND BAILING THE MONITORING WELLS TO SOAKUP ANY FREE PRODUCT		

Map ID
8

VISTA Address*:	CHESAPEAKE FINISHED METALS INC. 6754 SANTA BARBARA COURT BALTIMORE, MD 21227	VISTA ID#:	80168
		Distance/Direction:	0.93 MI / SE
		Plotted as:	Point
SCL - State Equivalent CERCLIS List / SRC# 5517		Agency ID:	274
Agency Address:	CHESAPEAKE FINISHED METALS INC 6754 SANTA BARBARA CT BALTIMORE, MD 21227		
Status:	UNKNOWN		
Facility Type:	NOT AVAILABLE		
Lead Agency:	NOT AVAILABLE		
State Status:	Agency Code (AA=)		
Pollutant 1:	UNKNOWN		
Pollutant 2:	UNKNOWN		
Pollutant 3:	UNKNOWN		

Map ID
8



* VISTA address includes enhanced city and ZIP.

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Report ID: 99204Troy

Version 2.6.1

Date of Report: May 4, 1999

Page #15

SITES IN THE SURROUNDING AREA (within 3/4 - 1 mile) CONT.

NFRAP / SRC# 5595		EPA ID:	MDD069380657
Agency Address:		CHESAPEAKE FINISHED METALS INC 6754 SANTA BARBARA CT BALTIMORE, MD 21227	
EPA Region:		3	
Congressional District:		0	
Federal Facility:		Agency Code ()	
Facility Ownership:		UNKNOWN	
Site Incident Category:		unknown	
Federal Facility Docket:		SITE IS NOT INCLUDED ON THE DOCKET	
NPL Status:		NOT ON NPL	
Incident Type:		Unknown	
Proposed NPL Update #:		0	
Final NPL Update #:		0	
Financial Management System ID:		NOT REPORTED	
Latitude:		0	
Longitude:		0	
Lat/Long Source:		Agency Code ()	
Lat/Long Accuracy:		Unknown	
Dioxin Tier:		Unknown	
USGS Hydro Unit:		2060003	
RCRA Indicator:		ENVIRONMENTAL PRIORITY INITIATIVE	
Unit Id:		0	
Unit Name:		ENTIRE SITE	
Type:	DISCOVERY	Lead Agency:	EPA FUND-FINANCED
Qualifier:	UNKNOWN	Category:	Unknown
Name:	NOT REPORTED	Actual Start Date:	NOT REPORTED
Plan Status:	Unknown	Actual Completion Date:	SEPTEMBER 1, 1988
Type:	PRELIMINARY ASSESSMENT	Lead Agency:	STATE, FUND FINANCED
Qualifier:	DEFERRED TO RCRA (SUBTITLE C) OR NRC	Category:	Unknown
Name:	NOT REPORTED	Actual Start Date:	OCTOBER 3, 1990
Plan Status:	Unknown	Actual Completion Date:	OCTOBER 3, 1990



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Report ID: 99204Troy

Date of Report: May 4, 1999

Version 2.6.1

Page #16

SITES IN THE SURROUNDING AREA (within 3/4 - 1 mile) CONT.

CORRACTS / SRC# 5596

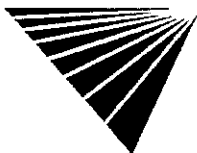
EPA ID:

MDD069380657

Agency Address:	CHESAPEAKE FINISHED METALS INC 6754 SANTA BARBARA CT BALTIMORE, MD 21227
Prioritization Status:	HIGH
RCRA Facility Assessment Completed:	NO
Notice of Contamination:	NO
Determination of need For a RFI (RCRA Facility Investigation):	NO
RFI Imposed:	NO
RFI Workplan Notice of Deficiency Issued:	NO
RFI Workplan Approved:	NO
RFI Report Received:	NO
RFI Approved:	NO
No Further Corrective Action at this Time:	NO
Stabilization Measures Evaluation:	NO
CMS (Corrective Measure Study) Imposition:	NO
CMS Workplan Approved:	NO
CMS Report Received:	NO
CMS Approved:	NO
Date for Remedy Selection (CM Imposed):	NO
Corrective Measures Design Approved:	NO
Corrective Measures Investigation Workplan Approved:	NO
Certification of Remedy Completion:	NO
Stabilization Measures Implementation:	NO
Stabilization Measures Completed:	NO
Corrective Action Process Termination:	NO

SITES IN THE SURROUNDING AREA (within 1 - 1 1/2 miles)

No Records Found



* VISTA address includes enhanced city and ZIP.

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Report ID: 99204Troy

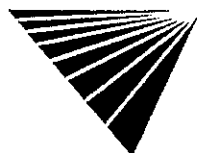
Date of Report: May 4, 1999

Version 2.6.1

Page #17

UNMAPPED SITES

VISTA Address:	LONG LIFE TREATED WOOD INC		VISTA ID#:	249283
	DORSEY RACEWAY RD			
	HANOVER, MD 21076			
SCL - State Equivalent CERCLIS List / SRC# 5517			Agency ID:	241
Agency Address:	LONG LIFE TREATED WOOD INC DORSEY RACEWAY RD DORSEY, MD 21076 UNKNOWN			
Status:	NOT AVAILABLE			
Facility Type:	NOT AVAILABLE			
Lead Agency:	Agency Code (AA=)			
State Status:	UNKNOWN			
Pollutant 1:	UNKNOWN			
Pollutant 2:	UNKNOWN			
Pollutant 3:	UNKNOWN			
NFRAP / SRC# 5595			EPA ID:	MDD094903317
Agency Address:	LONG LIFE TREATED WOOD INC DORSEY RACEWAY RD DORSEY, MD 21076			
Alias Name:	LONG LIFE TREATED WOOD INC			
Alias Street:	NOT REPORTED			
Alias City:	HOWARD	Alias Latitude:	3911420	
Alias Zip:	NOT REPORTED	Alias Longitude:	7642480	
Alias State:	MD			
Alias Description:	NOT REPORTED			
EPA Region:	3			
Congressional District:	0			
Federal Facility:	Agency Code ()			
Facility Ownership:	OTHER			
Site Incident Category:	unknown			
Federal Facility Docket:	SITE IS NOT INCLUDED ON THE DOCKET			
NPL Status:	NOT ON NPL			
Incident Type:	Unknown			
Proposed NPL Update #:	0			
Final NPL Update #:	0			
Financial Management System ID:	NOT REPORTED			
Latitude:	0			
Longitude:	0			
Lat/Long Source:	Agency Code ()			
Lat/Long Accuracy:	Unknown			
Dioxin Tier:	Unknown			
USGS Hydro Unit:	2060003			
RCRA Indicator:	Unknown			
Unit Id:	0			
Unit Name:	ENTIRE SITE			



* VISTA address includes enhanced city and ZIP.

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Report ID: 99204Troy

Date of Report: May 4, 1999

Version 2.6.1

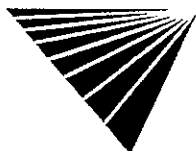
Page #18

UNMAPPED SITES CONT.

Type:	DISCOVERY	Lead Agency:	EPA FUND-FINANCED
Qualifier:	UNKNOWN	Category:	Unknown
Name:	NOT REPORTED	Actual Start Date:	NOT REPORTED
Plan Status:	Unknown	Actual Completion Date:	UNKNOWN
Type:	PRELIMINARY ASSESSMENT	Lead Agency:	STATE, FUND FINANCED
Qualifier:	NO FURTHER REMEDIAL ACTION PLANNED	Category:	Unknown
Name:	NOT REPORTED	Actual Start Date:	OCTOBER 2, 1987
Plan Status:	Unknown	Actual Completion Date:	OCTOBER 2, 1987

VISTA Address:	BROWNING FERRIS IND ELKRIDGE LANDING RD BALTIMORE, MD 21227	VISTA ID#:	59771
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NFRAP / SRC# 5595		EPA ID:	MDD980918882
Agency Address:	BROWNING FERRIS IND ELKRIDGE LANDING RD ELKRIDGE LANDING RD UNAVAILABLE, MD 21227		
EPA Region:	3		
Congressional District:	0		
Federal Facility:	Agency Code ()		
Facility Ownership:	OTHER		
Site Incident Category:	unknown		
Federal Facility Docket:	SITE IS NOT INCLUDED ON THE DOCKET		
NPL Status:	NOT ON NPL		
Incident Type:	Unknown		
Proposed NPL Update #:	0		
Final NPL Update #:	0		
Financial Management System ID:	NOT REPORTED		
Latitude:	0		
Longitude:	0		
Lat/Long Source:	Agency Code ()		
Lat/Long Accuracy:	Unknown		
Dioxin Tier:	Unknown		
USGS Hydro Unit:	2060003		
RCRA Indicator:	Unknown		
Unit Id:	0		
Unit Name:	ENTIRE SITE		
Type:	DISCOVERY	Lead Agency:	EPA FUND-FINANCED
Qualifier:	UNKNOWN	Category:	Unknown
Name:	NOT REPORTED	Actual Start Date:	NOT REPORTED
Plan Status:	Unknown	Actual Completion Date:	UNKNOWN



* VISTA address includes enhanced city and ZIP.

For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

Report ID: 99204Troy

Date of Report: May 4, 1999

Version 2.6.1

Page #19

UNMAPPED SITES CONT.

Type:	PRELIMINARY ASSESSMENT	Lead Agency:	STATE, FUND FINANCED
Qualifier:	NO FURTHER REMEDIAL ACTION PLANNED	Category:	Unknown
Name:	NOT REPORTED	Actual Start Date:	NOT REPORTED
Plan Status:	Unknown	Actual Completion Date:	UNKNOWN

VISTA Address*:	SHRED - ALL P.O. BOX 24119 BALTIMORE, MD 21227	VISTA ID#:	6522938
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STATE SWLF - Solid Waste Landfill / SRC# 3140	EPA/Agency ID:	N/A
---	----------------	-----

Agency Address:	SAME AS ABOVE
Facility Type:	RESOURCE RECOVERY (RECYCLING)
Facility Status:	ACTIVE
Permit Status:	NOT AVAILABLE

VISTA Address*:	WESTERN ACCEPTANCE FACILITY (EXIT 9 OFF BELTWAY) 3310 TRANSW BALTIMORE, MD 21227	VISTA ID#:	6523092
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STATE SWLF - Solid Waste Landfill / SRC# 3140	EPA/Agency ID:	N/A
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Agency Address:	WESTERN ACCEPTANCE FACILITY (EXIT 9 OFF BELTWAY) 3310 TRANSW HALETHORPE, MD 21227
Facility Type:	RESOURCE RECOVERY (RECYCLING)
Facility Status:	ACTIVE
Permit Status:	NOT AVAILABLE

VISTA Address*:	OLD TYME/TEN OAKS LIQUORS TRIADELPHIA TEN OAKS md	VISTA ID#:	5300533
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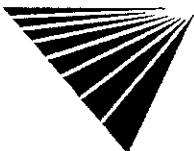
STATE LUST - State Leaking Underground Storage Tank / SRC# 5604	EPA/Agency ID:	N/A
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Agency Address:	SAME AS ABOVE
Leak ID#:	90-1797HO
Remediation Event:	MONITORING
Remediation Status:	OPEN
Description / Comment:	FACILITY COUNTY: HOWARD
Description / Comment:	MONITOR DESCRIPTION: NO ACTIVE REMEDIATION. SAMPLING OF MONITORING WELLS ONLY

VISTA Address*:	LISBON ELEM SCHOOL OLD FREDERICK ROAD (RT 144) md	VISTA ID#:	5300536
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STATE LUST - State Leaking Underground Storage Tank / SRC# 5604	EPA/Agency ID:	N/A
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Agency Address:	SAME AS ABOVE
Leak ID#:	92-0076HO
Remediation Event:	MONITORING
Remediation Status:	OPEN
Description / Comment:	FACILITY COUNTY: HOWARD



* VISTA address includes enhanced city and ZIP.

For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

Report ID: 99204Troy

Version 2.6.1

Date of Report: May 4, 1999

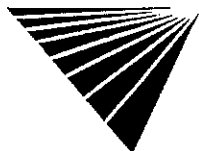
Page #20

UNMAPPED SITES CONT.

Description / Comment:

MONITOR DESCRIPTION: NO ACTIVE REMEDIATION. SAMPLING OF MONITORING WELLS ONLY

VISTA Address*:	ALPHA RIDGE 823 539 MD	VISTA ID#:	2270004
STATE SWLF - Solid Waste Landfill / SRC# 4377		Agency ID:	1995WSF01100
Agency Address:		SAME AS ABOVE	
Facility Type:		MUNICIPAL FACILITY	
Facility Status:		ACTIVE	
Permit Status:		NOT AVAILABLE	
STATE SWLF - Solid Waste Landfill / SRC# 5094		Agency ID:	1995WSF01100
Agency Address:		SAME AS ABOVE	
Facility Type:		MUNICIPAL FACILITY	
Facility Status:		ACTIVE	
Permit Status:		NOT AVAILABLE	
VISTA Address*:	SAFEWAY 1451 S. RITCHIE HIGHWAY MD	VISTA ID#:	6523311
STATE SWLF - Solid Waste Landfill / SRC# 3140		EPA/Agency ID:	N/A
Agency Address:		SAME AS ABOVE	
Facility Type:		RESOURCE RECOVERY (RECYCLING)	
Facility Status:		ACTIVE	
Permit Status:		NOT AVAILABLE	
VISTA Address*:	PST RLF EXP. 899 370 MD	VISTA ID#:	6522963
STATE SWLF - Solid Waste Landfill / SRC# 4377		Agency ID:	1992WRF00280
Agency Address:		SAME AS ABOVE	
Facility Type:		RUBBLE FILL (DEMO,ETC)	
Facility Status:		ACTIVE	
Permit Status:		NOT AVAILABLE	
STATE SWLF - Solid Waste Landfill / SRC# 5094		Agency ID:	1992WRF00280
Agency Address:		SAME AS ABOVE	
Facility Type:		RUBBLE FILL (DEMO,ETC)	
Facility Status:		ACTIVE	
Permit Status:		NOT AVAILABLE	



* VISTA address includes enhanced city and ZIP.

For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

Report ID: 99204Troy

Date of Report: May 4, 1999

Version 2.6.1

Page #21

SITE ASSESSMENT REPORT (EXTENDED BY 1/2 MILE)

DESCRIPTION OF DATABASES SEARCHED

A) DATABASES SEARCHED TO 1 1/2 MILES

NPL
SRC#: 5593 VISTA conducts a database search to identify all sites within 1.5 mile of your property.
The agency release date for NPL was February, 1999.

The National Priorities List (NPL) is the EPA's database of uncontrolled or abandoned hazardous waste sites identified for priority remedial actions under the Superfund program. A site must meet or surpass a predetermined hazard ranking system score, be chosen as a state's top priority site, or meet three specific criteria set jointly by the US Dept of Health and Human Services and the US EPA in order to become an NPL site.

CORRACTS
SRC#: 5596 VISTA conducts a database search to identify all sites within 1.5 mile of your property.
The agency release date for HWDMS/RCRIS was February, 1999.

The EPA maintains this database of RCRA facilities which are undergoing "corrective action". A "corrective action order" is issued pursuant to RCRA Section 3008 (h) when there has been a release of hazardous waste or constituents into the environment from a RCRA facility. Corrective actions may be required beyond the facility's boundary and can be required regardless of when the release occurred, even if it predates RCRA.

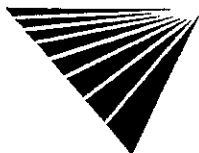
B) DATABASES SEARCHED TO 1 MILE

CERCLIS
SRC#: 5594 VISTA conducts a database search to identify all sites within 1 mile of your property.
The agency release date for CERCLIS was January, 1999.

The CERCLIS List contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL. The information on each site includes a history of all pre-remedial, remedial, removal and community relations activities or events at the site, financial funding information for the events, and unrestricted enforcement activities.

NFRAP
SRC#: 5595 VISTA conducts a database search to identify all sites within 1 mile of your property.
The agency release date for CERCLIS-NFRAP was January, 1999.

NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly, or the contamination was not serious enough to require Federal Superfund action or NPL consideration.



SCL
SRC#: 5517

VISTA conducts a database search to identify all sites within 1 mile of your property.
The agency release date for Potential Hazardous Waste Sites List was December, 1998.

This database is provided by the Department of The Environment, Hazardous and Solid Waste Mgmt. Administration. The agency may be contacted at: 410-631-3462.

The Maryland Potential Hazardous Waste Sites List contains all of the sites currently identified by the U.S. EPA CERCLIS program. The state agency cautions that the list is not a comprehensive list of all sites or facilities in Maryland which may have activities which generate or use hazardous or toxic substances, chemicals, petroleum products, etc.

RCRA-TSD
SRC#: 5596

VISTA conducts a database search to identify all sites within 1 mile of your property.
The agency release date for HWDMS/RCRIS was February, 1999.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA TSDs are facilities which treat, store and/or dispose of hazardous waste.

SWLF
SRC#: 3140

VISTA conducts a database search to identify all sites within 1 mile of your property.
The agency release date for Recycling Directory was January, 1996.

This database is provided by the Department of The Environment, Hazardous and Solid Waste Mgmt. Administration. The agency may be contacted at: 410-974-7281.

SWLF
SRC#: 4377

VISTA conducts a database search to identify all sites within 1 mile of your property.
The agency release date for Permitted Solid Waste Disposal Facilities-Inactive Sites was January, 1998.

This database is provided by the Department of The Environment, Hazardous and Solid Waste Mgmt. Administration. The agency may be contacted at: 410-631-3364.

SWLF
SRC#: 5094

VISTA conducts a database search to identify all sites within 1 mile of your property.
The agency release date for Permitted Solid Waste Disposal Facilities-Active Sites was July, 1998.

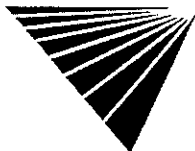
This database is provided by the Department of The Environment, Hazardous and Solid Waste Mgmt. Administration. The agency may be contacted at: 410-631-3364.

The Maryland Permitted Solid Waste Disposal Facilities list does not provide a facility street address.

LUST
SRC#: 5604

VISTA conducts a database search to identify all sites within 1 mile of your property.
The agency release date for Active LUST List was February, 1999.

This database is provided by the Department of The Environment. The agency may be contacted at: 410-631-3443.



C) DATABASES SEARCHED TO 3/4 MILE

UST's VISTA conducts a database search to identify all sites within 3/4 mile of your property.
SRC#: 3594 The agency release date for Underground Storage Tank Sites was December, 1996.

This database is provided by the Department of The Environment, UST Division. The agency may be contacted at: 410-631-3442; Caution-Many states do not require registration of heating oil tanks, especially those used for residential purposes.

"D) DATABASES SEARCHED TO 5/8 MIL

ERNS VISTA conducts a database search to identify all sites within .625 mile of your property.
SRC#: 4939 The agency release date for was July, 1998.

The Emergency Response Notification System (ERNS) is a national database containing records from October 1986 to the release date above and is used to collect information for reported releases of oil and hazardous substances. The database contains information from spill reports made to federal authorities including the EPA, the US Coast Guard, the National Response Center and the Department of Transportation. The ERNS hotline number is (202) 260-2342.

RCRA-LgGen VISTA conducts a database search to identify all sites within .625 mile of your property.
SRC#: 5596 The agency release date for HWDMS/RCRIS was February, 1999.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA Large Generators are facilities which generate at least 1000 kg./month of non-acutely hazardous waste (or 1 kg./month of acutely hazardous waste).

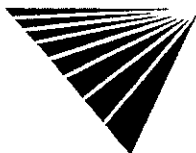
RCRA-SmGen VISTA conducts a database search to identify all sites within .625 mile of your property.
SRC#: 5596 The agency release date for HWDMS/RCRIS was February, 1999.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA Small and Very Small generators are facilities which generate less than 1000 kg./month of non-acutely hazardous waste.

SPILL VISTA conducts a database search to identify all sites within .625 mile of your property.
SRC#: 3597 The agency release date for Report Of Spill Tracking was January, 1997.

This database is provided by the Department of The Environment. The agency may be contacted at: 410-631-3580.

End of Report



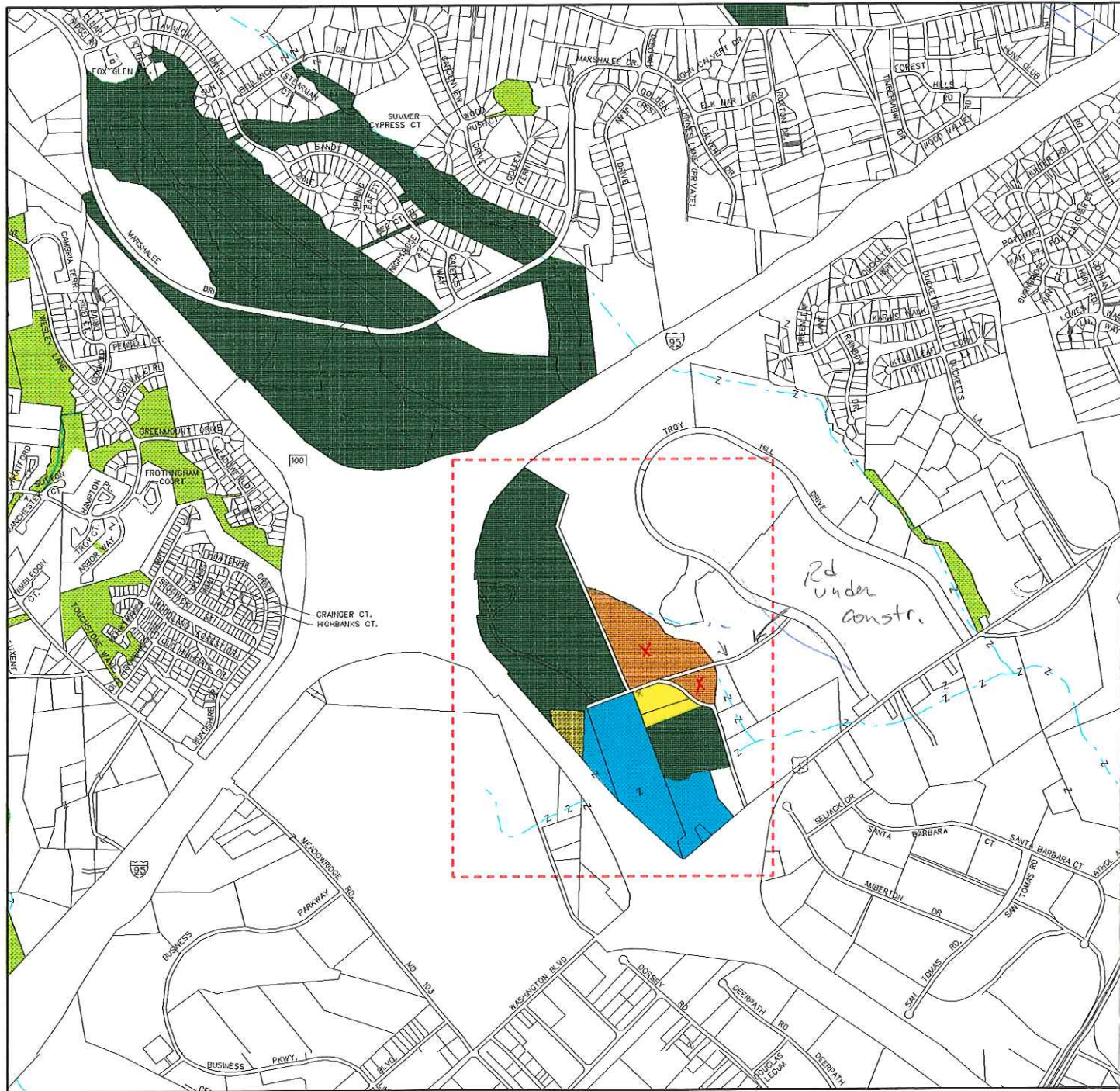
For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

Report ID: 99204Troy








Version 2.6.1

Date of Report: May 4, 1999

Page #24



LEGEND

-  COUNTY PARK LAND
-  COUNTY OPEN SPACE
-  SHA - FUTURE HO. CO. PROPERTY
-  WHITE - FUTURE HO. CO. PROPERTY
-  NICHOLS - FUTURE HO. CO. PROPERTY
-  TROY HILL BUSI. PARK - FUTURE HO. CO. PROPERTY
-  TROY PARK ACQUISITION



NO SCALE



X subject of acquisition

X microwave tower

ball fields / stadium