



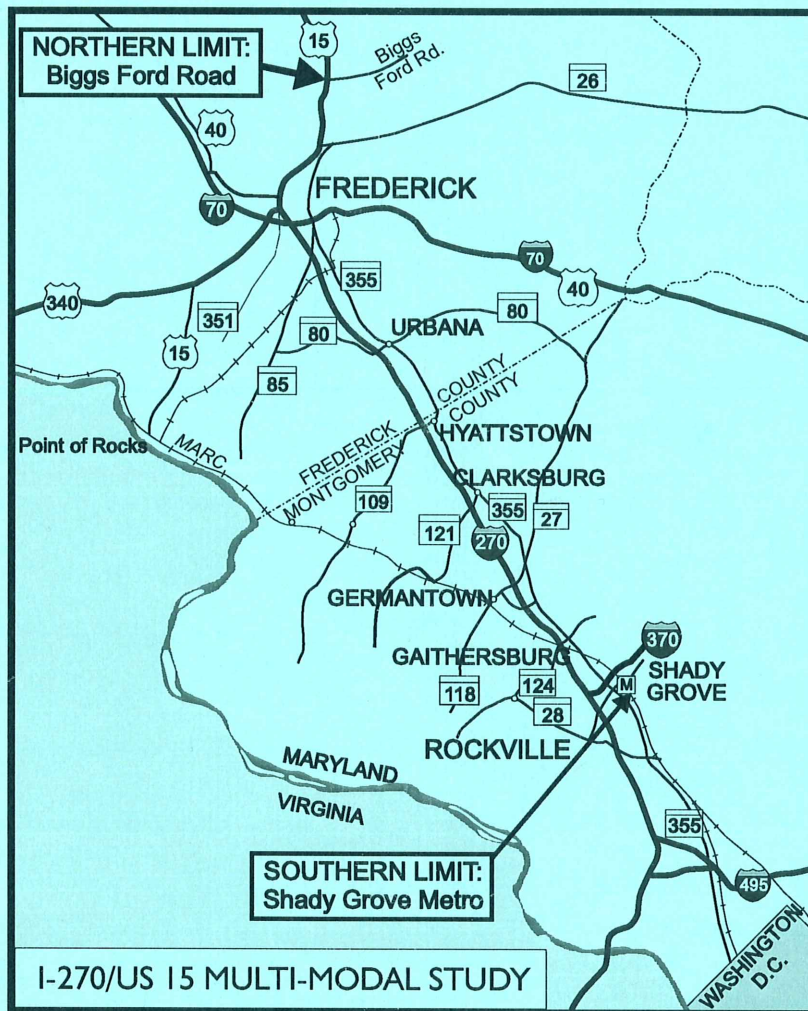
State Highway Administration
Maryland Department of Transportation



MASS TRANSIT ADMINISTRATION
Maryland Department of Transportation

**THE I-270 / US 15
MULTI - MODAL CORRIDOR STUDY**
Project No. FR192B11

**PRELIMINARY SCREENING ASSESSMENT OF
TRANSPORTATION CORRIDOR ALIGNMENTS**



**PRELIMINARY SCREENING ASSESSMENT REPORT
MARCH 1999**



RUMMEL, KLEPPER & KAHL, LLP

A JOINT VENTURE

PARSONS BRINCKERHOFF



I-270/US 15 MULTI-MODAL CORRIDOR STUDY

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**Rummel, Klepper & Kahl, LLP
81 Mosher Street
Baltimore, Maryland 21217**

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I. EXECUTIVE SUMMARY

Rummel, Klepper & Kahl, LLP (RK&K) performed a Preliminary Screening Assessment (PSA) of the proposed and existing alignments of I-270, US-15, and several alternative transportation corridors as part of the I-270/US-15 Multi-Modal Corridor Study.

The purpose of the PSA is to screen the prospective corridors for properties with documented environmental contamination and current or historic site operations that may result in a significant risk of surface or subsurface contamination. This PSA is not intended to conform to the *American Society for Testing and Materials (ASTM) Standard for Phase I Environmental Site Assessments (ASTM E1527)*, but rather provides a starting inventory of sites which may warrant further investigation during the preliminary design of selected transportation alternatives.

Based on field reconnaissance and review of current environmental databases, previous environmental site assessment reports, historical documents, and land records, RK&K identified potential sites of concern, which are discussed in the following report. Our review of the available data did not indicate any locations where construction of the proposed transportation alternatives would be expected to encounter severe contamination of soil or groundwater. However, modest levels of contamination were documented at six sites. RK&K has also identified nine potential sites of concern where future site assessment may be warranted after specific transportation alternatives are selected and property acquisition requirements are further defined.

II. INTRODUCTION

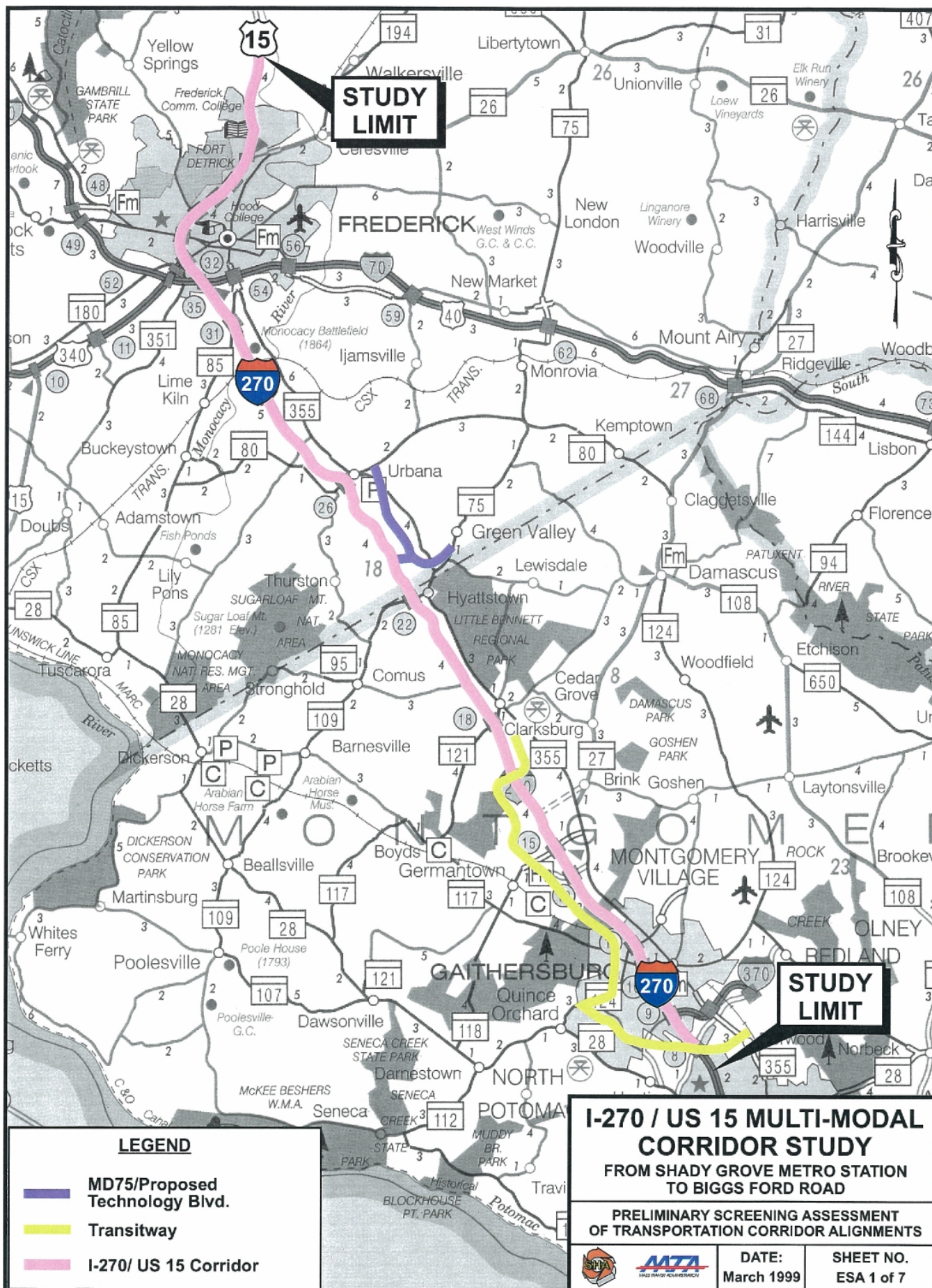
The PSA included the following tasks:

Corridor Field Reconnaissance -- RK&K traveled the alternative alignments to observe adjacent and nearby properties for site operations that presented a relatively high risk of contaminant releases to the environment. An overview of the Corridor Study Area is illustrated in Figure 1. Figures 2 through 7 show the alternate transportation alignments under consideration and the sites of environmental concern (Appendix A). Photographs of specific sites discussed throughout the report are presented in Appendix B.

- **Regulatory Database Search** -- RK&K reviewed the ASTM database search reports (Appendix C), which detail the results of the address-based searches of 24 federal and state databases, including those that compile information under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Resource Conservation and Recovery Act (RCRA), National Priority List (NPL), Toxic Substances Control Act (TSCA), State Hazardous Waste System (SHWS), Leaking Underground Storage Tank (LUST) database, and UST and aboveground storage tank (AST) registration systems.
- **Review of Public Regulatory Documents** - RK&K submitted a Public Information Act request to the Maryland Department of the Environment (MDE) and reviewed available case files for several sites with documented contaminant releases. Copies of selected case files are included in Appendix D.

III. SITE DESCRIPTION

The I-270/US-15 Multi-Modal Corridor Study extends from Shady Grove Road in Montgomery County to Biggs Ford Road in Frederick County (Figure 1). The study corridor encompasses the proposed lane improvements and interchange alternates for I-270, alternate mass transit alignments, and proposed alignments for local roadways. The transportation corridors pass through a variety of land uses and levels of development. Agricultural land and low density residential development adjoin the I-270 corridor along most of its length, but medium density residential, commercial, and light industrial development areas contain the properties with known or suspected contamination that may impact parts of the proposed improvements. The highest density of development within the study area adjoins the I-270/US 15 alignment between Hayward Road and Buckeystown Pike (MD 185) and between Father Hurley Boulevard and Shady Grove Road.



The I-270 alignment is located within the Piedmont Physiographic Province. From the north end of the study corridor to approximately one mile south of the Monocacy River crossing, the corridor crosses the Frederick Valley. This relatively flat-floored valley is underlain by the limestone bedrock of the Grove and Frederick formations. Weathering of the limestone has produced a very irregular bedrock surface overlain by a generally clay-rich residual soil. The Frederick and Grove formations are both susceptible to karst solution activity that results in features such as sinkholes and groundwater solution conduits. Sinkholes have been documented near the I-270/MD 185 interchange and along I-70 approximately one to two miles east of the I-270/I-70 interchange, where the study corridor crosses zones of greater karst activity within the Frederick and Grove limestones. Sinkholes have also been observed north and west of the Hayward Road interchange with US 15.

The I-270 corridor leaves the Frederick Valley south of the Monocacy River Bridge and encounters the metamorphic bedrock of the Ijamsville phyllite, Urbana phyllite, and the Wissahickon schist. These bedrock formations are relatively resistant to weathering as expressed in the higher elevation of the land surface and the more rolling topography crossed by the study corridor.

IV. SITES OF POTENTIAL ENVIRONMENTAL CONCERN

Based on review of the regulatory database results and the field reconnaissance of proposed corridor alternatives, the following sites are noted for documented or potential contaminant releases or for operations that generate hazardous wastes. Please refer to Figures 2 - 7 for site locations.

A. Leaking Underground Storage Tanks

1. **Exxon RAS #2-6583**, 5516 Buckeystown Pike, Frederick, Maryland, MDE Case No. 90-2413FR: at this site adjoining the ramp from southbound Buckeystown Pike to northbound I-270, a gasoline release was detected in 1990 (Photograph 3). Dissolved hydrocarbon concentrations were monitored and reported semiannually. During station renovation in June and July 1997, the USTs were replaced and 1,284 tons of contaminated soil were removed for offsite remediation. The following documents from the MDE file summarize the case and are included in Appendix D.

- *Tank Excavation Assessment Report, Exxon RAS #2-6583, 5516 Buckeystown Pike, Frederick, Maryland; October 29, 1997, Handex, Odenton, Maryland.*
- *Request for Environmental Case Closure, Exxon RAS #2-6583, 5516 Buckeystown Pike, Frederick, Maryland; March 13, 1998, Handex, Odenton, Maryland.*
- *Memorandum of Telephone Conversation, Re: Exxon RAS #2-6583, Mr. Rick Lego of MDE with Mr. Datus Wall of Exxon; April 9, 1998, MDE.*

2. **Urbana Exxon**, 8816 Fingerboard Road, Urbana, Maryland (Photograph 4). The database search identified this site located near the northbound I-270 ramps, as a facility with a leaking UST case file. However, the MDE file contained no reference to UST leaks or releases

of any kind. The facility passed MDE inspections in 1995 and 1996.

3. Maryland State Highway Administration, 502 Quince Orchard Road, Gaithersburg, Maryland, 94-2941 M02: this site adjoins the CSX corridor (Photograph 13). During removal of two USTs in June 1994, gasoline-contaminated soil was encountered. Approximately 100 tons of impacted soil was removed for offsite remediation and disposal. MDE placed the case on the inactive docket in November 1994. Representative documents from the MDE case file are listed below and included in Appendix D.

- *Tank Removal/Abandonment Report, Maryland State Highway Administration, 502 Quince Orchard Road, Gaithersburg; June 1, 1994, Jack Sipes of MDE.*
- *Report of Observations, Maryland State Highway Administration, 502 Quince Orchard Road, Gaithersburg; November 17, 1994, Jack Sipes of MDE.*

4. Former Chevron Facility #122203, 9401 Fields Road, Gaithersburg, Maryland, MDE Case #88-1633 MO: this site is located near the southbound I-270 and the proposed Transitway rights-of-way. A leaking gasoline UST was reported in 1988. Chevron operated a groundwater remediation system from October 1990 through March 1995. Annual monitoring of five groundwater monitoring wells continues. This Chevron facility has been demolished and the site has been regraded pending future development. RK&K reviewed the following documents, which are included in Appendix D:

- *Second Quarter 1997 Report, Former Chevron Facility #122203, 9401 Fields Road, Gaithersburg, Maryland, MDE Case #88-1633 MO; July 1997, Terraqueous, Inc., Emmitsburg, Maryland.*
- *Letter to Ms. Donna Miller, Chevron Products Company, Atlanta, Georgia, Re: Former Chevron Facility #122203; September 25, 1998, from John J. Smiechowski, MDE. This letter denied the Chevron request for closure and required three additional quarters of groundwater monitoring. Because the MDE file contained no subsequent documents, groundwater monitoring is apparently continuing on a quarterly basis.*

5. Texaco Station No. 23-068-322, 15730 Shady Grove Road, Gaithersburg, Maryland, Case No. 9-1142 MO1: this site is located near the ramp to northbound I-270 (Photograph 16). A gasoline release was discovered in January 1989 prior to UST replacement in March 1989. Texaco operated a remediation system consisting of total fluids recovery, air stripping, carbon filtration, and soil vapor extraction through 1995. Groundwater monitoring was discontinued in November 1996 following MDE file closure. Appendix D contains the following documents from the MDE file:

- *Star Enterprise Quarterly Status Report, First Quarter 1996, 15730 Shady Grove Road, Gaithersburg, Maryland; April 9, 1996, Handex, Odenton, Maryland. This is the last remediation status report in the MDE file.*
- *Notice of Compliance, Case No. 9-1142 MO1, Station No. 23-068-322, 15730 Shady Grove Road, Gaithersburg, Maryland; November 14, 1996, MDE.*

6. Reed Brothers Dodge, 15955 Frederick Road, Rockville, Maryland, MDE Case No. 92-1490 M02: the proposed Transitway alignment crosses this property (Photograph 17). Petroleum product was observed on the groundwater during removal of two USTs in 1992. Groundwater monitoring continued until June 1997 when MDE issued a notice of compliance (Appendix D).

- *Notice of Compliance, Reed Brothers Dodge, 15955 Frederick Road, Rockville, Maryland, MDE Case No. 92-1490 M02; June 26, 1997, MDE.*

B. POTENTIAL CERCLA SITES

The following properties were listed in the EPA CERCLIS program as potentially contaminated sites under CERCLA (Superfund). In each case, preliminary assessment of the suspected contaminant release indicated that contamination was not detected or the level of contamination did not warrant regulation under Superfund.

1. **Lucas Weinschel, Inc.**, 1 Weinschel Lane, Gaithersburg, Maryland: this facility abuts the south side of the CSX alignment near the proposed Watkins Mill Road interchange. Trichloroethylene (TCE) was discovered in an onsite well in 1983. Preliminary Assessment and Screening Site Inspections by EPA resulted in a finding of No Further Remedial Action Planned (NFRAP) in 1990.
2. **Watkins-Johnson Company**, 700 Quince Orchard Road, Gaithersburg, Maryland: this site adjoins the Transitway alignment (Photograph 14). A preliminary assessment was performed to investigate unspecified contamination. Based on the assessment results, EPA issued a NFRAP finding in 1991.
3. **National Institutes of Standards and Technology (NIST)**, 100 Bureau Drive, Gaithersburg, Maryland: this facility adjoins the Transitway alignment (Photograph 15). EPA issued a NFRAP decision following a Preliminary Assessment of an unspecified contaminant discovery. The location of the spill within the NIST facility was not provided.

C. RCRA Large Quantity Generators

The RCRA database of facilities that generate more than 1,000 kilograms per month of non-acutely hazardous waste or more than 1 kilogram per month of acutely hazardous waste includes the following sites near the I-270 Corridor:

- Aamco Transmissions, Inc., 943 North Frederick Road, Gaithersburg, Maryland.
- Air Technology Systems, Inc., 660A Research Drive, Frederick, Maryland.
- Electro Mechanical Services, Inc., 16616 Oakmont Avenue, Gaithersburg, Maryland.
- Geomet Technologies, Inc., 8577 Atlas Drive, Gaithersburg, Maryland.

- Hekimian Laboratories, Inc., 8435 Helgerman Court, Gaithersburg, Maryland.
- Hughes Network Systems, 16060 Industrial Drive, Gaithersburg, Maryland.
- Hughes Network Systems, 1717 Exploration Lane, Germantown, Maryland.
- Life Technologies, Inc., 8717 Grovemont Circle, Gaithersburg, Maryland.
- Life Technologies, Inc., 7335 Executive Way, Frederick, Maryland.
- Medimmune, Inc., 35 West Watkins Mill Road, Gaithersburg, Maryland.
- Metlfab, Inc., 7310 Grove Road, Frederick, Maryland.
- Montgomery County Division of Equipment, 16630 Crabbs Branch Way, Derwood, Maryland.
- Montgomery County Transfer Station, 16101 Frederick Road, Gaithersburg, Maryland.
- National Institutes of Standards and Technology, 100 Bureau Drive, Gaithersburg, Maryland.
- Pleasant Excavating Co., Inc., 24024 Frederick Road, Clarksburg, Maryland.
- Pohanka Buick, Inc., 621 North Frederick Road, Gaithersburg, Maryland.
- Reed Brothers Dodge, 15955 Frederick Road, Rockville, Maryland.
- Rentals Unlimited, Inc., 24000 Frederick Road, Clarksburg, Maryland.
- Semix, Inc., 15801 Gaither Road, Gaithersburg, Maryland.
- Sheehy Ford, Inc., 901 North Frederick Road, Gaithersburg, Maryland.
- Sherman Fairchild Technical Center, 20301 Century Boulevard, Germantown, Maryland.
- Sir Speedy Printing Center, 12401 Middlebrook Road, Germantown, Maryland.
- Spectra, Inc., 22250 Comsat Drive and 22300 Comsat Drive, Clarksburg, Maryland.
- Tri Com, Inc., 7304 Grove Road, Frederick, Maryland.
- U.S. Army Research Laboratory, 8705 Grovemont Circle, Gaithersburg, Maryland.
- Washington Metropolitan Area Transit Authority (WMATA), 15903 Somerville Drive, Derwood, Maryland.

- Watkins-Johnson Company, 700 Quince Orchard Road, Gaithersburg, Maryland.
- Westside Collision Repair Center, 1802 Rosemont Avenue, Frederick, Maryland.
- Wilcoxon Research, Inc., 2096 Gaither Road, Derwood, Maryland.

V. CORRIDOR FIELD RECONNAISSANCE

Due to the size of the study area and the preliminary nature of the alternative alignments, RK&K performed a limited "walkover" as part of the overall corridor field reconnaissance to confirm the locations of the sites of concern identified during review of the regulatory database reports and MDE case files. RK&K also sought to identify, to the extent possible, other locations where on-site operations suggest a potential for existing or future contaminant releases. The following sites were noted based only on observations of existing site conditions or operations and do not necessarily suggest a high probability of site contamination:

1. **MTM Convenience Store and Gas Station**, 342 South Jefferson Street, Frederick, Maryland: this facility is located approximately 600 feet east of the northbound I-270 exit ramp (Photograph 1). A contractor was excavating at this site on the corner of Jefferson Street and Prospect Boulevard. A vacuum truck was on site as part of a UST removal operation. The removal of the old USTs is part of a UST upgrade in accordance with an MDE permit to install new 8,000-gallon and 12,000-gallon USTs.
2. **Possible Former Gasoline Service Station**, Fingerboard Road, Urbana: located on the south side of Fingerboard Road west of the entrance ramp to southbound I-270 (Photograph 5). The site location and layout, which includes a rectangular concrete pad surrounded by asphalt pavement, suggest past operation as a service station. RK&K specifically requested MDE records for this site; however, no regulatory documentation was available.
3. **Pleasant Excavating Company, 24024** Frederick Road, Clarksburg, Maryland: located between I-270 and Frederick Road (Photographs 6 and 8). This site contains storage and maintenance facilities for a variety of trucks and heavy equipment. This facility includes seven MDE-registered USTs and is registered as a RCRA Large Quantity Generator.
4. **Digging and Rigging, Inc.**, 23924 Frederick Road, Clarksburg, Maryland: located between I-270 and Frederick Road (Photograph 7). This facility stores and maintains cranes and other heavy equipment.
5. **Allied International Movers**, 14225 Comus Road, Clarksburg, Maryland: located between I-270 and Frederick Road. Trailers and vans are stored on this facility. No information is available concerning truck maintenance or fuel storage operations on site.

6. **Asplundt Tree Service, Inc.**, 23630 Frederick Road, Clarksburg, Maryland: located between I-270 and Frederick Road (Photograph 9). Asplundt uses this site for staging and storing trucks and equipment. No permanent facilities were visible. On-site fueling of equipment was being performed from a contractor-owned tanker truck.
7. **Allegheny Power**, 23630 Frederick Road, Clarksburg, Maryland: located between I-270 and Frederick Road. A large electric power substation is located on this site.
8. **Allegheny Power**, Middlebrook Road at I-270, Germantown, Maryland: This electric power substation is enclosed by I-270 southbound, the I-270 southbound entrance ramp, and eastbound Middlebrook Road.
9. **IBM Office Campus**, 800 North Frederick Road (at Montgomery Village Avenue), Gaithersburg, Maryland: Monitoring well casings were visible near the ramp from westbound Montgomery Village Avenue to northbound I-270. The monitoring wells were located near the base of a slope extending down from the large facility along Frederick Road. The wells may indicate a recent or ongoing assessment of suspected groundwater contamination.

VI. CONCLUSIONS

The preliminary screening assessment did not identify any sites where construction of the proposed transportation alternatives would be expected to encounter severe soil or groundwater contamination. Modest levels of soil or groundwater contamination were documented at five facilities and suspected at four facilities within the transportation corridor study area. These facilities include six leaking UST sites (service stations) under MDE regulation and three NFRAP sites regulated by EPA.

Leaking Underground Storage Tanks

Although unanticipated contamination may remain at or near the leaking UST facilities, review of the available documentation indicates that these sites do not appear to present a significant risk to construction of the transportation alignment alternatives under consideration.

Potential CERCLA sites

The three NFRAP sites were investigated under EPA supervision. Although little detailed information is provided by the available documentation, each site was investigated and in each case, the contaminant release was either unconfirmed or determined to be insufficient to warrant further assessment or remedial action. The three NFRAP sites are not anticipated to impact construction along the proposed transportation alignment alternatives.

RCRA Large Quantity Generators

The sites identified as RCRA large quantity generators are facilities that store, use, and dispose of significant quantities of hazardous materials under normal operating conditions. Because relatively large quantities of hazardous materials are maintained on site, the potential

exists for accidental release of these materials to site soil or groundwater. Considering the location relative to the proposed transportation alignments and the lack of documented contaminant releases, most of these facilities present minimal risk to the construction of the proposed transportation alignment alternatives. The few facilities on this list that have had documented releases or are located in or adjacent to one of the proposed alignments, have been discussed in other **sections**.

Potential Sites of Concern

RK&K identified nine facilities within the study area based on their proximity to proposed alignments and observation of site operations including heavy equipment storage and maintenance, UST replacement, monitoring well installation, or electrical power distribution. Although these sites have not been identified in the regulatory databases as contaminant release sites, the sites should be considered as potential sources of environmental contamination during construction of transportation alignment alternatives.

VII. RECOMMENDATIONS

More detailed environmental assessments should be performed for specific sites of concern and large property acquisitions following approval of transportation alternatives and prior to property acquisition and negotiation. A regulatory database search should be performed to update the documentation on known contaminant releases along the alignment. Where appropriate, based on site observations and available documentation, assessment efforts may include ASTM Phase I ESAs or Phase II Site Investigations with soil and/or groundwater sampling and analysis. The potential sites of concern discussed in Section V should be considered for further assessment, depending on the proximity of the site to the approved alignments and the nature of the proposed construction.

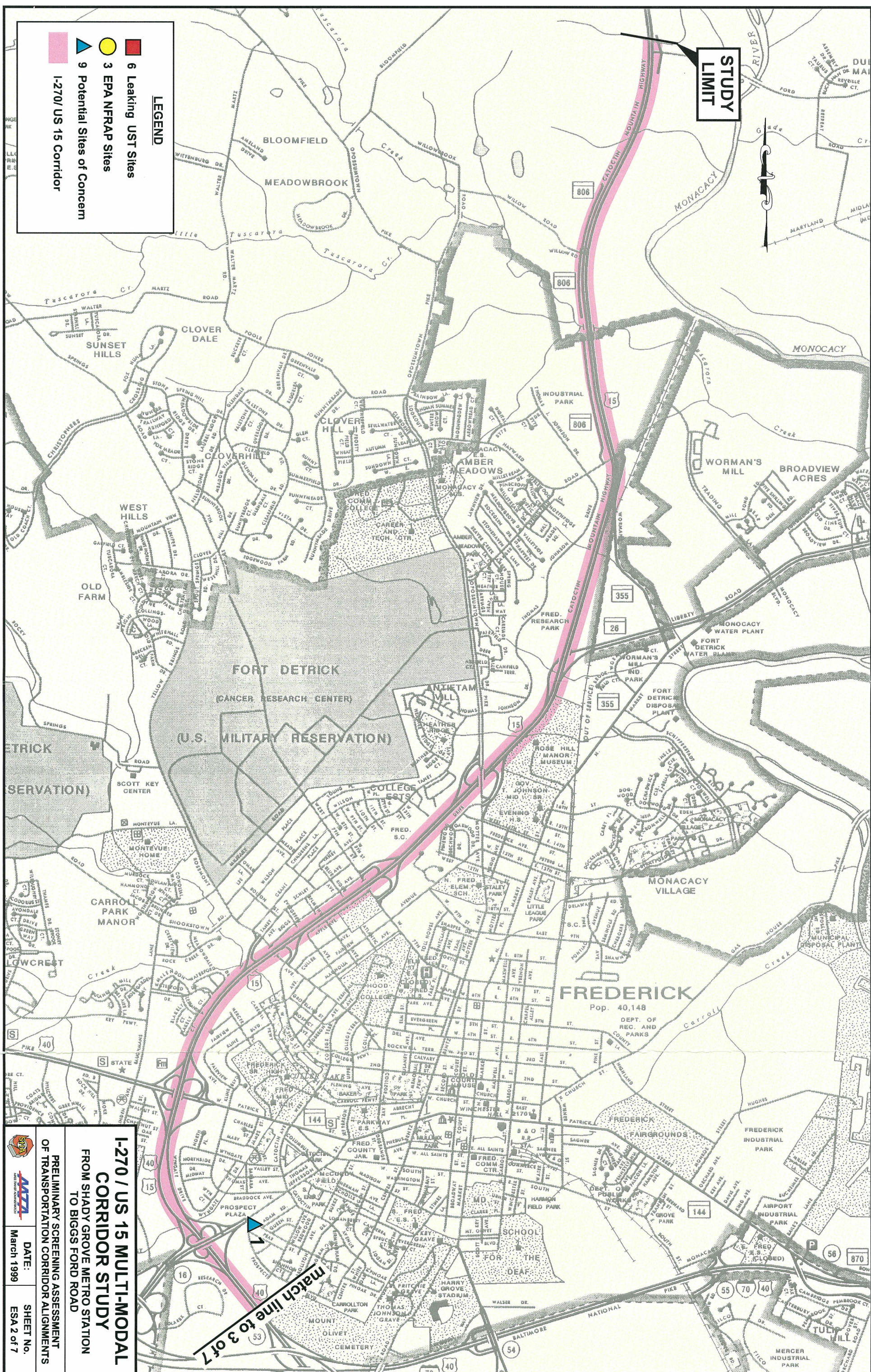
VIII. LIMITATIONS

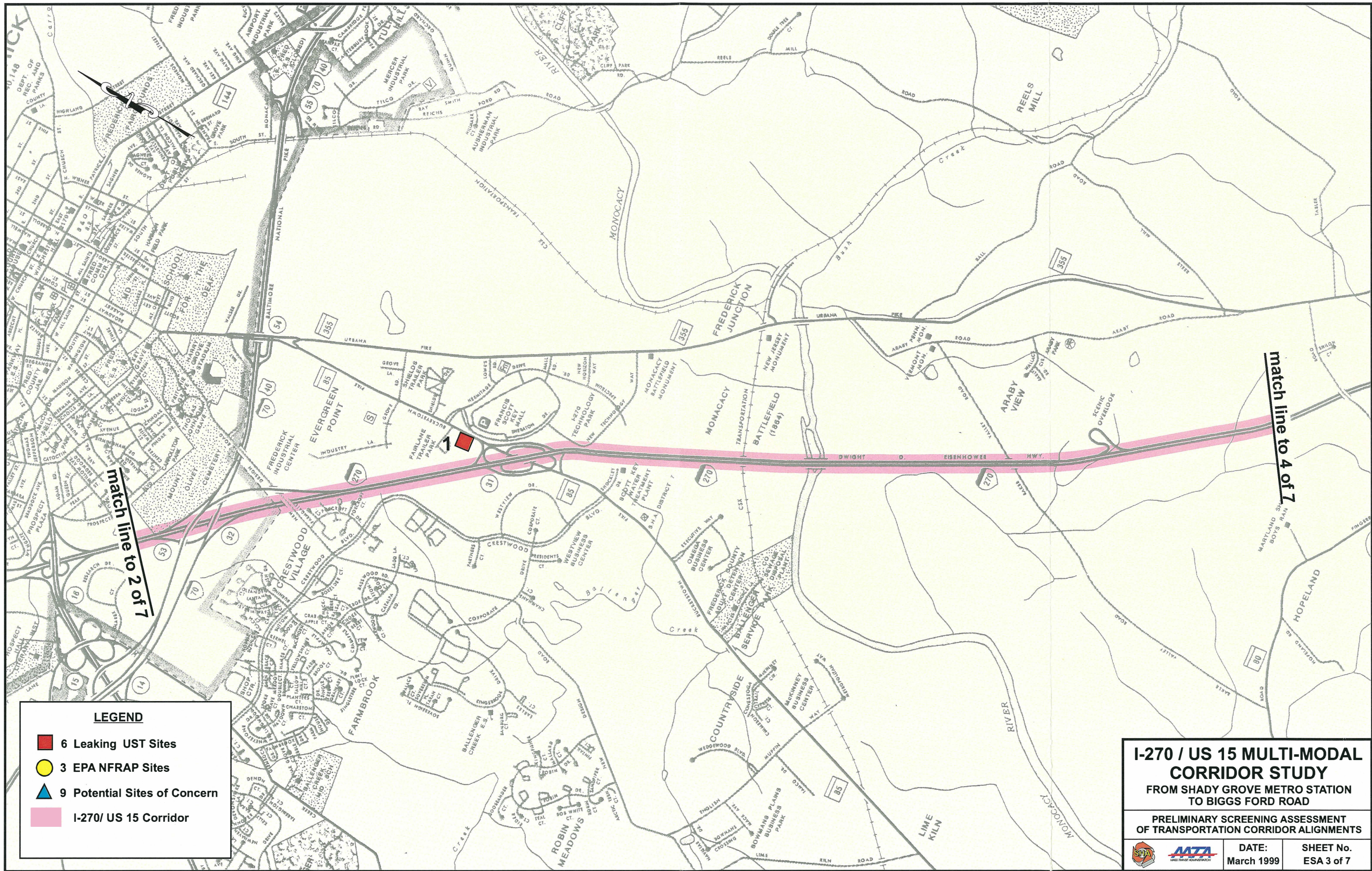
SHA may reproduce and retain copies of this PSA and its exhibits for information and reference; however, such documents may not be used or relied upon by any third party or by SHA for any purpose other than the specific purpose of the investigation. RK&K has performed the PSA in accordance with that level of care and skill ordinarily exercised by members of the environmental engineering profession currently practicing under similar conditions.

No environmental site assessment can completely eliminate uncertainty regarding the potential for recognized environmental conditions in connection with a property. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions in connection with a property, and the practice recognizes reasonable limits of time and cost.

Appendix A

FIGURES 2-7: PROPOSED CORRIDOR ALIGNMENTS





LEGEND

- 6 Leaking UST Sites
- 3 EPA NFRAP Sites
- 9 Potential Sites of Concern
- I-270/ US 15 Corridor

**I-270 / US 15 MULTI-MODAL
CORRIDOR STUDY**

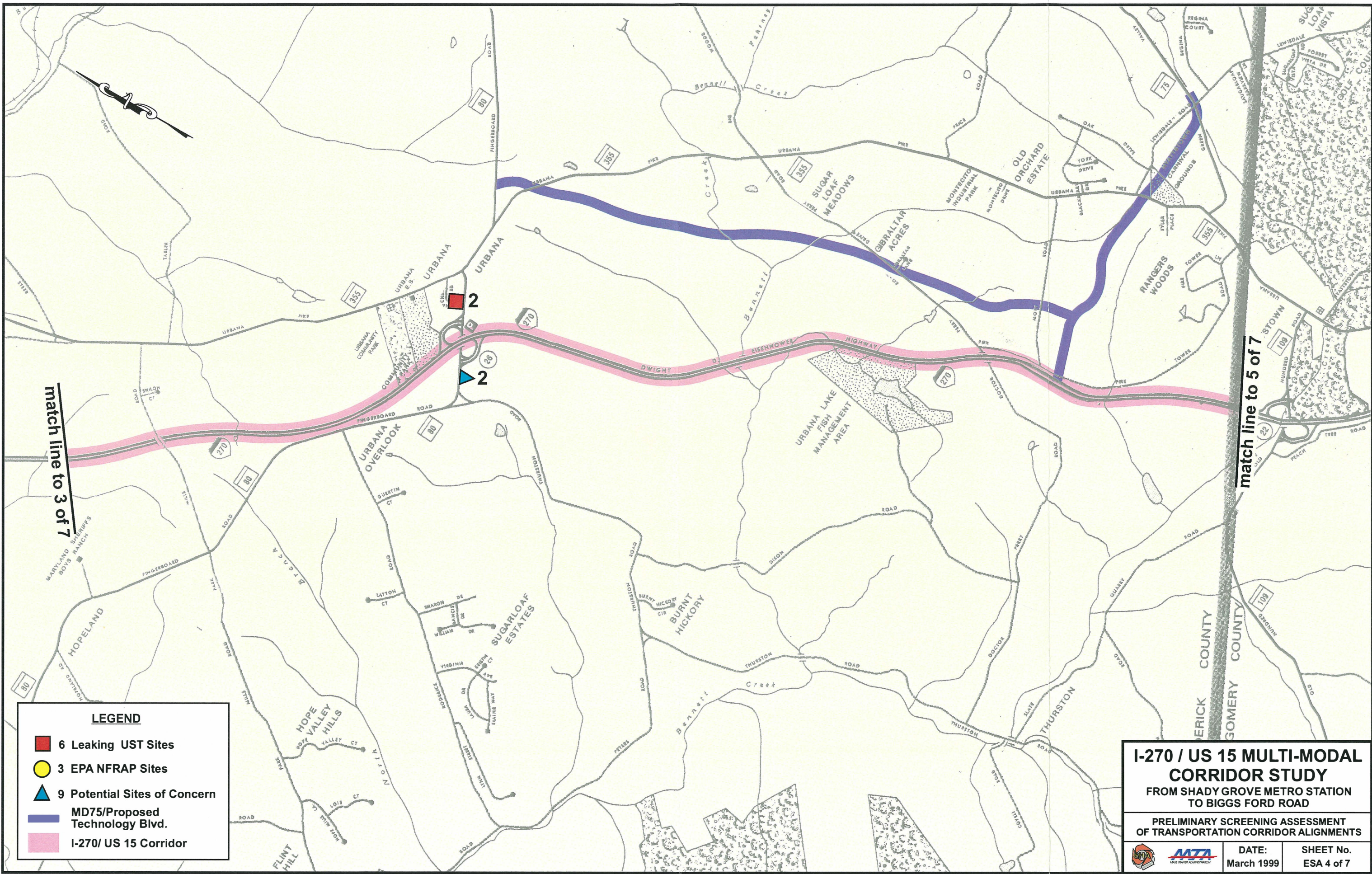
FROM SHADY GROVE METRO STATION
TO BIGGS FORD ROAD

PRELIMINARY SCREENING ASSESSMENT
OF TRANSPORTATION CORRIDOR ALIGNMENTS



DATE:
March 1999

SHEET No.
ESA 3 of 7



LEGEND

- 6 Leaking UST Sites
- 3 EPA NFRAP Sites
- 9 Potential Sites of Concern
- MD75/Proposed Technology Blvd.
- I-270/ US 15 Corridor

I-270 / US 15 MULTI-MODAL CORRIDOR STUDY
FROM SHADY GROVE METRO STATION TO BIGGS FORD ROAD

PRELIMINARY SCREENING ASSESSMENT OF TRANSPORTATION CORRIDOR ALIGNMENTS

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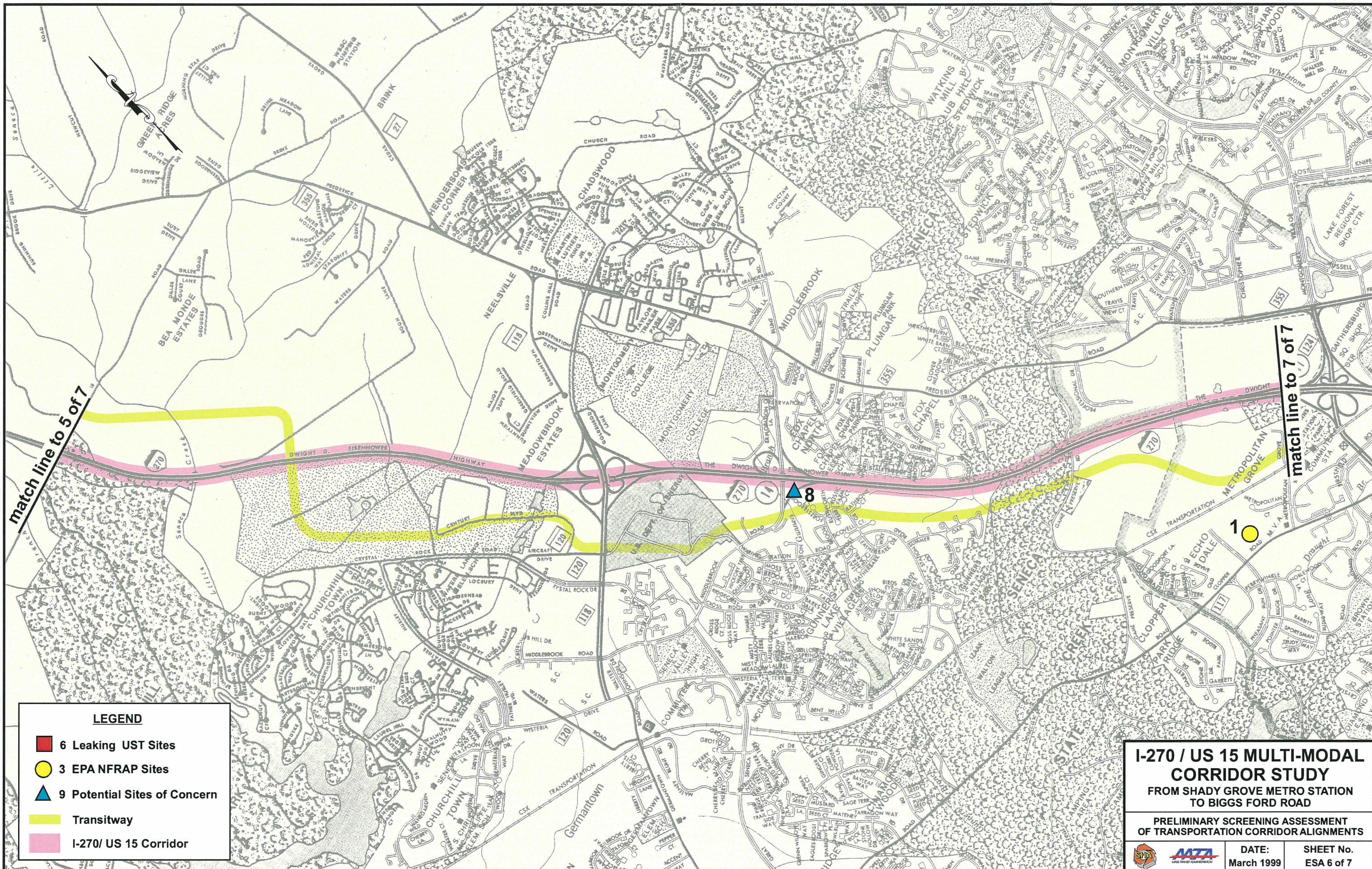
LEGEND

- 6 Leaking UST Sites
- 3 EPA NFRAP Sites
- 9 Potential Sites of Concern
- Transitway
- I-270/ US 15 Corridor

I-270 / US 15 MULTI-MODAL CORRIDOR STUDY
FROM SHADY GROVE METRO STATION TO BIGGS FORD ROAD

PRELIMINARY SCREENING ASSESSMENT OF TRANSPORTATION CORRIDOR ALIGNMENTS

 	DATE: March 1999	SHEET No. ESA 5 of 7
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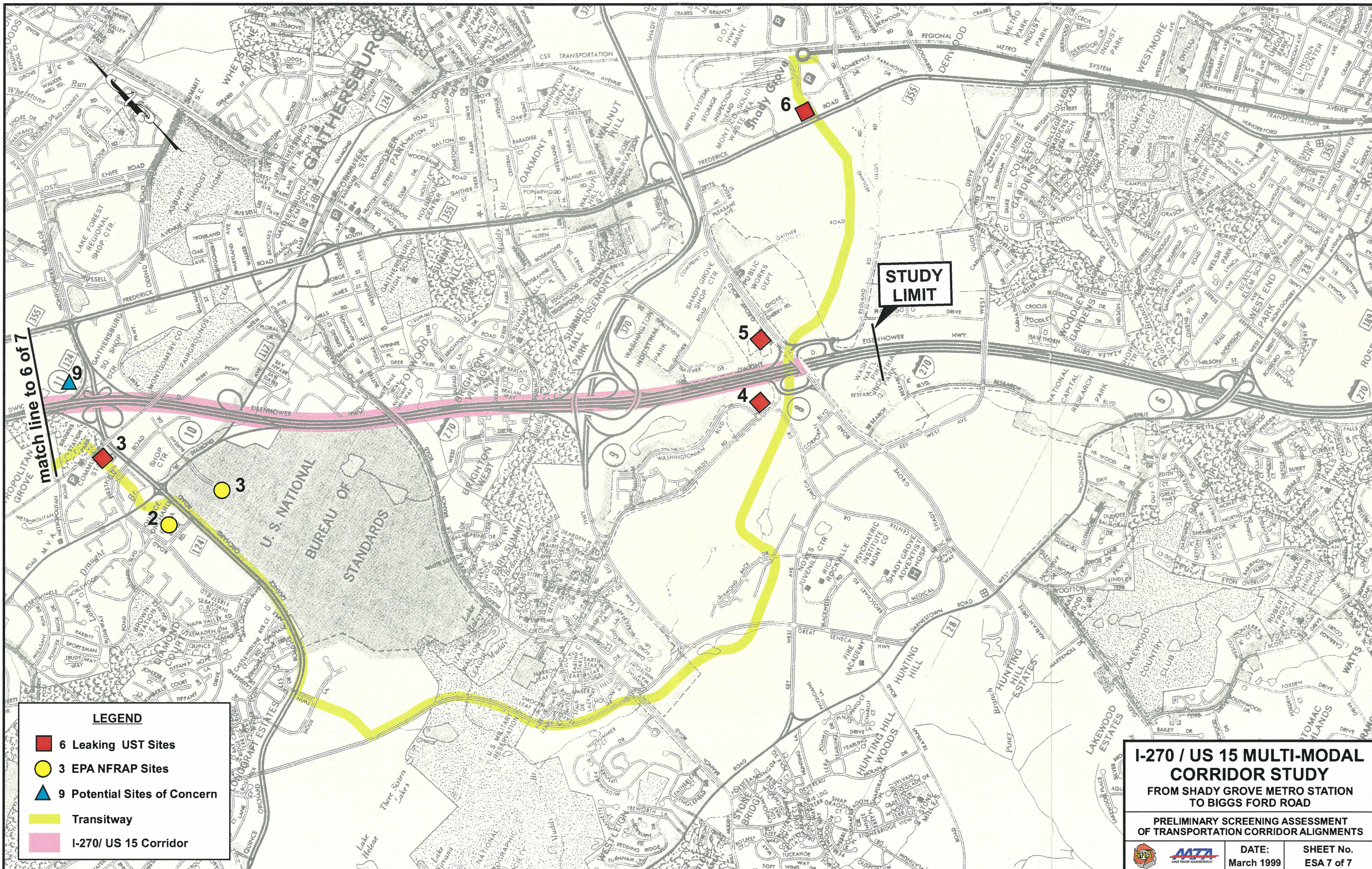
LEGEND

- 6 Leaking UST Sites
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- 9 Potential Sites of Concern
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- I-270/ US 15 Corridor

I-270 / US 15 MULTI-MODAL CORRIDOR STUDY
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PRELIMINARY SCREENING ASSESSMENT OF TRANSPORTATION CORRIDOR ALIGNMENTS

		DATE: March 1999	SHEET No. ESA 6 of 7
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LEGEND

- 6 Leaking UST Sites
- 3 EPA NFRAP Sites
- 9 Potential Sites of Concern
- Transitway
- I-270/ US 15 Corridor

I-270 / US 15 MULTI-MODAL CORRIDOR STUDY
FROM SHADY GROVE METRO STATION TO BIGGS FORD ROAD
PRELIMINARY SCREENING ASSESSMENT OF TRANSPORTATION CORRIDOR ALIGNMENTS

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Appendix B

SITE PHOTOGRAPHS



APPENDIX B



Photo 1 – MTM Convenience Store & Gas Station



Photo 2 – Medimmune, Inc., I-270 at US 340

APPENDIX B



Photo 3 – Exxon: Buckeystown Pike at I-270



Photo 4 – Exxon Station, Fingerboard Road, Urbana

APPENDIX B



Photo 5 – Possible former gasoline station, Fingerboard Road, Urbana



Photo 6 – Pleasant Excavating Co., Frederick Road

APPENDIX B



Photo 7 – Digging & Rigging, Inc., Frederick Road



Photo 8 – Storage Yards: Pleasant Excavating Co. and Digging & Rigging, Inc

APPENDIX B



Photo 9 – Asplundt Tree Service, Frederick Road

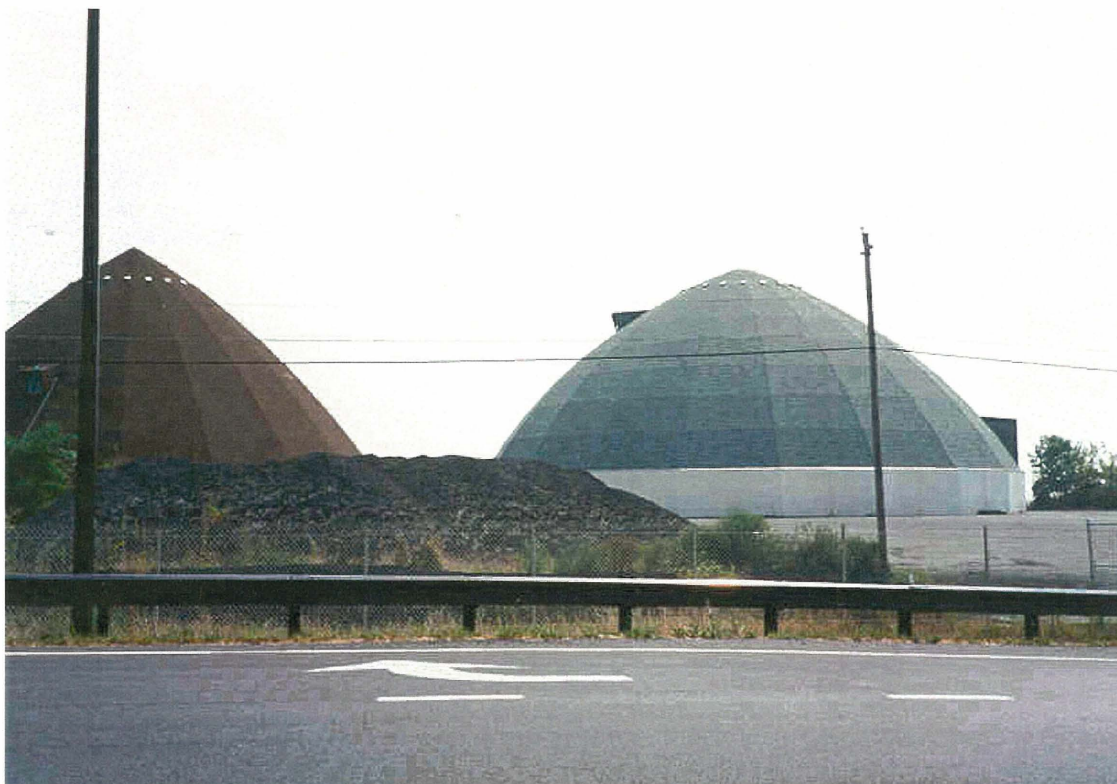


Photo 10 – SHA Salt Storage Domes, MD Rte. 121 at I-270

APPENDIX B



Photo 11 – Comsat, Clarkesburg



Photo 12 – Auto Repair Facilities, Aircraft Drive, Germantown

APPENDIX B



Photo 13 – SHA Maintenance Facility, Quince Orchard Road



Photo 14 – Watkins Johnson Facility, Quince Orchard Road

APPENDIX B



Photo 15 – NIST, Quince Orchard Road



Photo 16 – Texaco, Shady Grove Road

APPENDIX B



Photo 17 - Reed Bros. Dodge, Frederick Road

Appendix C

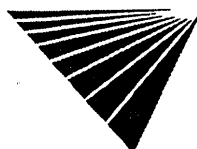
ENVIRONMENTAL DATABASE REPORTS

Appendix C contains the report summary pages from each of 15 database searches. The complete database report output (approximately 200 pages) is available upon request.

REAL ESTATE TRANSACTION SCREEN REPORT V (WITH ALL DATABASES SEARCHED TO 1 MILE)

PROPERTY INFORMATION	CLIENT INFORMATION
Loan #/Ref #: Not Provided Map 1 22800 Clarksburg Road Rockville, MD 20841 Cross Street: I-270 Latitude/Longitude: (39.231590, 77.285104)	DeWayne Becker RKK 81 Mosher Street Baltimore, MD 21217

ENVIRONMENTAL RISK SUMMARY	Property/ Adjacent Area (w/in 1/8 mi)	Sur- rounding Area (1/8-1 mi)
A) Properties in the area with Known Contamination:		
Designated for Superfund clean-up by the US EPA (NPL):	0	0
RCRA Corrective Actions (CORRACTS) and associated TSD:	0	0
B) Properties in the area with Potential Contamination:		
That treat, store, /or dispose of hazardous waste (RCRA TSD):	0	0
Under review by the US EPA (CERCLIS) or formerly under review by US EPA (NFRAP) :	0	0
Under review by the state (SCL):	0	0
With leaking underground storage tanks (LUST):	0	0
Permitted as solid waste landfills, incinerators, or transfer stations (SWLF):	0	0
C) Properties in the area with Environmentally Sensitive Business Activities:		
With previous hazardous materials spills (ERNS):	0	2
That generate large quantities of hazardous waste (RCRIS):	0	2
That generate small quantities of hazardous waste (RCRIS):	0	3
With registered underground storage tanks (UST):	0	7
This report meets the ASTM standard E-1528 for standard federal and state government database research in a Transaction Screen environmental site assessment. A (-) indicates a distance not searched because it exceeds these ASTM search parameters.		
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Version 2.6

Date of Report: September 4, 1998

Page #1

REAL ESTATE TRANSACTION SCREEN REPORT V (WITH ALL DATABASES SEARCHED TO 1 MILE)

RISK INVENTORY

RISK AT PROPERTY AND THE ADJACENT AREA (within 1/8 mile)	A		B				C			NOTES	
	NPL	CORRACTS(TSD)	TSD	CERCLIS/NFRAP	SCL	LUST	SWLF	ERNS	LG GEN		SM GEN
No Records Found											
VISTA ID DISTANCE DIRECTION											

RISK AT PROPERTIES IN THE SURROUNDING AREA (within 1/8 - 1 mile)	A		B				C			NOTES		
	NPL	CORRACTS(TSD)	TSD	CERCLIS/NFRAP	SCL	LUST	SWLF	ERNS	LG GEN		SM GEN	UST
WHIPP'S GARAGE 23300 CLARKSBURG RD. CLARKSBURG, MD 20871											X	725216 0.21 MI NE
CLARKSBURG ELEMENTARY SCHOOL 13530 REDGRAVE PL. CLARKSBURG, MD 20871											X	4085632 0.44 MI NE
A.P. WOODSON OIL CO. 22620 CLARKSBURG RD. BOYDS, MD 20841								X				200201557 0.46 MI SW
AP WOODSON OIL CO 22620 CLARKSBURG RD BOYDS, MD 20841								X				200199791 0.46 MI SW
CLARKSBURG GROCERY 23329 FREDERICK RD. P.O. BOX 236 CLARKSBURG, MD 20871											X	983803 0.49 MI NE
U.S. POSTAL SERVICE 23321 FREDERICK ROAD CLARKSBURG, MD 20871											X	5613148 0.54 MI NE
SPECTRA INC 22250 COMSAT DR CLARKSBURG, MD 20871									X			1649596 0.61 MI SE
SPECTRA INC 22300 COMSAT DR CLARKSBURG, MD 20871									X			393408 0.61 MI SE
MICROWAVE SIGNAL INC 22300 COMSAT DR CLARKSBURG, MD 20871										X		5180216 0.61 MI SE



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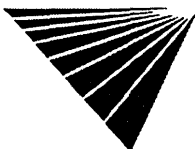
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RISK AT PROPERTIES IN THE SURROUNDING AREA (within 1/8 - 1 mile)	A		B				C			NOTES		
	NPL	CORRACTS(TSD)	TSD	CERCLIS/NFRAP	SCL	LUST	SWLF	ERNS	LG GEN		SM GEN	UST
COMSAT 22300 COMSAT DRIVE CLARKSBURG, MD 20871										X	X	96839 0.61 MI SE
CITIZENS BANK OF MARYLAND 23400 FREDERICK ROAD CLARKSBURG, MD 20871											X	4082320 0.71 MI N
CLARKSBURG MAINTENANCE TRANSP DEPOT FAC 13100 SHAWNEE LANE CLARKSBURG, MD 20871										X		1650707 0.80 MI E
CLARKSBURG DEPOT 13100 SHAWNEE LANE CLARKSBURG, MD 20871											X	724820 0.80 MI E



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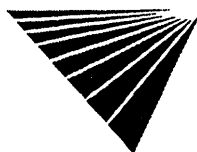
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REAL ESTATE TRANSACTION SCREEN REPORT V (WITH ALL DATABASES SEARCHED TO 1 MILE)

PROPERTY INFORMATION	CLIENT INFORMATION
Loan #/Ref #: Not Provided Map 2 14600 Comus Road clarksburg, MD 20871 Latitude/Longitude: (39.246836, 77.298656)	DeWayne Becker RKK 81 Mosher Street Baltimore, MD 21217

ENVIRONMENTAL RISK SUMMARY	Property/ Adjacent Area (w/in 1/8 mi)	Sur- rounding Area (1/8-1 mi)
A) Properties in the area with Known Contamination:		
Designated for Superfund clean-up by the US EPA (NPL):	0	0
RCRA Corrective Actions (CORRACTS) and associated TSD:	0	0
B) Properties in the area with Potential Contamination:		
That treat, store, /or dispose of hazardous waste (RCRA TSD):	0	0
Under review by the US EPA (CERCLIS) or formerly under review by US EPA (NFRAP) :	0	0
Under review by the state (SCL):	0	0
With leaking underground storage tanks (LUST):	0	0
Permitted as solid waste landfills, incinerators, or transfer stations (SWLF):	0	0
C) Properties in the area with Environmentally Sensitive Business Activities:		
With previous hazardous materials spills (ERNS):	0	0
That generate large quantities of hazardous waste (RCRIS):	0	2
That generate small quantities of hazardous waste (RCRIS):	0	0
With registered underground storage tanks (UST):	1	6
This report meets the ASTM standard E-1528 for standard federal and state government database research in a Transaction Screen environmental site assessment. A (-) indicates a distance not searched because it exceeds these ASTM search parameters.		
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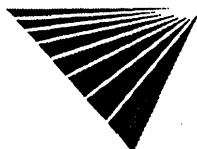
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REAL ESTATE TRANSACTION SCREEN REPORT V (WITH ALL DATABASES SEARCHED TO 1 MILE)

RISK INVENTORY

RISK AT PROPERTY AND THE ADJACENT AREA (within 1/8 mile)	A		B				C			NOTES		
	NPL	CORRACTS(TSD)	TSD	CERCLIS/NFRAP	SCL	LUST	SWLF	ERNS	LG GEN		SM GEN	UST
POOLE'S HEATING AND AIR CONDITIO 23925 FREDERICK ROAD CLARKSBURG, MD 20871											X	VISTA ID DISTANCE DIRECTION 6741266 0.12 MI NE

RISK AT PROPERTIES IN THE SURROUNDING AREA (within 1/8 - 1 mile)	A		B					C				NOTES
	NPL	CORRACTS(TSD)	TSD	CERCLIS/NFRAP	SCL	LUST	SWLF	ERNS	LG GEN	SM GEN	UST	
RENTALS UNLIMITED INC. 24000 FREDERICK RD. CLARKSBURG, MD 20871									X		X	VISTA ID 351384 DISTANCE 0.24 MI DIRECTION N
C.W. WRIGHT CONSTRUCTION CO. IN 23630 FREDERICK ROAD CLARKSBURG, MD 20871											X	4082321 0.24 MI E
PLEASANT EXCAVATING CO. INC. 24024 FREDERICK RD. CLARKSBURG, MD 20871									X		X	333246 0.27 MI N
LITTLE BENNETT REG. PARK. 23701 FREDERICK RD. CLARKSBURG, MD 20871											X	724398 0.36 MI E
HAWKS NEST NATURE CENTER 23701 FREDERICK ROAD CLARKSBURG, MD 20871											X	4877082 0.36 MI E
CITIZENS BANK OF MARYLAND 23400 FREDERICK ROAD CLARKSBURG, MD 20871											X	4082320 0.71 MI E



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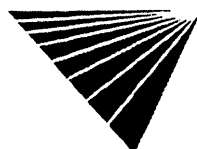
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REAL ESTATE TRANSACTION SCREEN REPORT V (WITH ALL DATABASES SEARCHED TO 1 MILE)

PROPERTY INFORMATION	CLIENT INFORMATION
Loan #/Ref #: Not Provided Map 3 Winona Road MD 20841 Latitude/Longitude: (39.214414, 77.274952)	DeWayne Becker RKK 81 Mosher Street Baltimore, MD 21217

ENVIRONMENTAL RISK SUMMARY	Property/ Adjacent Area (w/in 1/8 mi)	Sur- rounding Area (1/8-1 mi)
A) Properties in the area with Known Contamination:		
Designated for Superfund clean-up by the US EPA (NPL):	0	0
RCRA Corrective Actions (CORRACTS) and associated TSD:	0	0
B) Properties in the area with Potential Contamination:		
That treat, store, /or dispose of hazardous waste (RCRA TSD):	0	0
Under review by the US EPA (CERCLIS) or formerly under review by US EPA (NFRAP):	0	0
Under review by the state (SCL):	0	0
With leaking underground storage tanks (LUST):	0	0
Permitted as solid waste landfills, incinerators, or transfer stations (SWLF):	0	0
C) Properties in the area with Environmentally Sensitive Business Activities:		
With previous hazardous materials spills (ERNS):	0	0
That generate large quantities of hazardous waste (RCRIS):	0	2
That generate small quantities of hazardous waste (RCRIS):	0	2
With registered underground storage tanks (UST):	0	5
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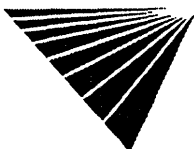
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REAL ESTATE TRANSACTION SCREEN REPORT V (WITH ALL DATABASES SEARCHED TO 1 MILE)

RISK INVENTORY

RISK AT PROPERTY AND THE ADJACENT AREA (within 1/8 mile)	A		B				C			NOTES	VISTA ID DISTANCE DIRECTION	
	NPL	CORRACTS(TSD)	TSD	CERCLIS/NFRAP	SCL	LUST	SWLF	ERNS	LG GEN			SM GEN
No Records Found												

RISK AT PROPERTIES IN THE SURROUNDING AREA (within 1/8 - 1 mile)	A		B				C			NOTES	VISTA ID DISTANCE DIRECTION	
	NPL	CORRACTS(TSD)	TSD	CERCLIS/NFRAP	SCL	LUST	SWLF	ERNS	LG GEN			SM GEN
COMSAT TTC STATION 22021 COMSAT DRIVE CLARKSBURG, MD 20871											X	4081262 0.17 MI N
ITAF 22017 COMSAT DRIVE CLARKSBURG, MD 20871											X	4876848 0.18 MI N
SPECTRA INC 22300 COMSAT DR CLARKSBURG, MD 20871									X			393408 0.62 MI N
MICROWAVE SIGNAL INC 22300 COMSAT DR CLARKSBURG, MD 20871										X		5180216 0.62 MI N
COMSAT 22300 COMSAT DRIVE CLARKSBURG, MD 20871										X	X	96839 0.62 MI N
SPECTRA INC 22250 COMSAT DR CLARKSBURG, MD 20871									X			1649596 0.63 MI N
CLARKSBURG RECREATION CENTER 22501 WEEMS ROAD (AT RT. 355) CLARKSBURG, MD 20871											X	4878420 0.80 MI NE
JOHN WESLEY UNITED METHODIST CHURCH 22420 FREDERICK ROAD CLARKSBURG, MD 20871											X	4082319 0.89 MI NE



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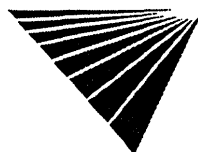
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REAL ESTATE TRANSACTION SCREEN REPORT V (WITH ALL DATABASES SEARCHED TO 1 MILE)

PROPERTY INFORMATION	CLIENT INFORMATION
Loan #/Ref #: Not Provided Map 4 9600 Doctor Perry Road MD 21754 Latitude/Longitude: (39.295415, 77.334767)	DeWayne Becker RKK 81 Mosher Street Baltimore, MD 21217

ENVIRONMENTAL RISK SUMMARY	Property/ Adjacent Area (w/in 1/8 mi)	Sur- rounding Area (1/8-1 mi)
A) Properties in the area with Known Contamination:		
Designated for Superfund clean-up by the US EPA (NPL):	0	0
RCRA Corrective Actions (CORRACTS) and associated TSD:	0	0
B) Properties in the area with Potential Contamination:		
That treat, store, /or dispose of hazardous waste (RCRA TSD):	0	0
Under review by the US EPA (CERCLIS) or formerly under review by US EPA (NFRAP) :	0	0
Under review by the state (SGL):	0	0
With leaking underground storage tanks (LUST):	0	0
Permitted as solid waste landfills, incinerators, or transfer stations (SWLF):	0	0
C) Properties in the area with Environmentally Sensitive Business Activities:		
With previous hazardous materials spills (ERNS):	0	0
That generate large quantities of hazardous waste (RCRIS):	0	0
That generate small quantities of hazardous waste (RCRIS):	0	1
With registered underground storage tanks (UST):	0	2
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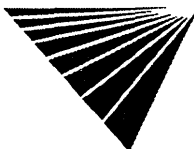
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REAL ESTATE TRANSACTION SCREEN REPORT V (WITH ALL DATABASES SEARCHED TO 1 MILE)

RISK INVENTORY

RISK AT PROPERTY AND THE ADJACENT AREA (within 1/8 mile)	A		B				C			NOTES	VISTA ID DISTANCE DIRECTION
	NPL	CORRACTS(TSD)	TSD	CERCLIS/NFRAP	SCL	LUST	SWLF	ERNS	LG GEN		
No Records Found											

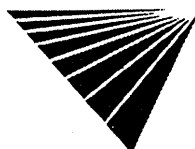
RISK AT PROPERTIES IN THE SURROUNDING AREA (within 1/8 - 1 mile)	A		B				C			NOTES	VISTA ID DISTANCE DIRECTION	
	NPL	CORRACTS(TSD)	TSD	CERCLIS/NFRAP	SCL	LUST	SWLF	ERNS	LG GEN			SM GEN
SPRING GARDEN CORP 9629 DR PERRY DR IJAMSVILLE, MD 21754										X		4964607 0.66 MI N
LONG FENCE CO. 2520 URBANA PIKE IJAMSVILLE, MD 21754											X	4087453 0.89 MI NE
POOLE SR. 2548 URBANA PIKE IJAMSVILLE, MD 21754											X	4087454 0.91 MI NE



REAL ESTATE TRANSACTION SCREEN REPORT V (WITH ALL DATABASES SEARCHED TO 1 MILE)

PROPERTY INFORMATION	CLIENT INFORMATION
Loan #/Ref #: Map 5 9200 Fingerboard Road MD 21754 Latitude/Longitude: ()	Delwayne Becker RKK 81 Mosher Street Baltimore,

ENVIRONMENTAL RISK SUMMARY	Property/ Adjacent Area (w/in 1/8 mi)	Sur- rounding Area (1/8-1 mi)
A) Properties in the area with Known Contamination:		
Designated for Superfund clean-up by the US EPA (NPL):	0	0
RCRA Corrective Actions (CORRACTS) and associated TSD:	0	0
B) Properties in the area with Potential Contamination:		
That treat, store, /or dispose of hazardous waste (RCRA TSD):	0	0
Under review by the US EPA (CERCLIS) or formerly under review by US EPA (NFRAP) :	0	0
Under review by the state (SCL):	0	0
With leaking underground storage tanks (LUST):	0	0
Permitted as solid waste landfills, incinerators, or transfer stations (SWLF):	0	0
C) Properties in the area with Environmentally Sensitive Business Activities:		
With previous hazardous materials spills (ERNS):	0	0
That generate large quantities of hazardous waste (RCRIS):	0	0
That generate small quantities of hazardous waste (RCRIS):	0	0
With registered underground storage tanks (UST):	0	6
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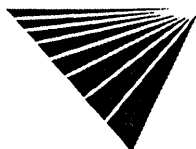


REAL ESTATE TRANSACTION SCREEN REPORT V (WITH ALL DATABASES SEARCHED TO 1 MILE)

RISK INVENTORY

RISK AT PROPERTY AND THE ADJACENT AREA (within 1/8 mile)	A		B				C			NOTES	VISTA ID DISTANCE DIRECTION	
	NPL	CORRACTS(TSD)	TSD	CERCLIS/INFRAP	SCL	LUST	SWLF	ERNS	LG GEN			SM GEN
No Records Found												

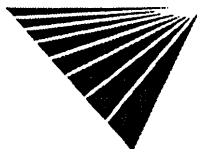
RISK AT PROPERTIES IN THE SURROUNDING AREA (within 1/8 - 1 mile)	A		B				C				NOTES	
	NPL	CORRACTS(TSD)	TSD	CERCLIS/NFRAP	SCL	LUST	SWLF	ERNS	LG GEN	SM GEN		UST
URBANA VFD RESCUE 3602 URBANA PIKE FREDERICK, MD 21704											X	4878332 0.26 MI NE
URBANA ELEMENTARY SCHOOL 3554 URBANA PIKE FREDERICK, MD 21704											X	984609 0.33 MI NE
FORMER COUNTRY MARKET INC. 3504 URBANA PIKE FREDERICK,											X	5616359 0.47 MI E
KNOTT GEISBERT INC. 3432 URBANA PIKE IJAMSVILLE, MD 21754											X	723264 0.60 MI E
J S CAR CARE INC. 2837 THURSTON ROAD FREDERICK, MD 21704											X	4087270 0.72 MI SW
EXXON STATION #2-6463 8816 FINGERBOARD RD. FREDERICK, MD 21704											X	4082241 0.81 MI W



REAL ESTATE TRANSACTION SCREEN REPORT V (WITH ALL DATABASES SEARCHED TO 1 MILE)

PROPERTY INFORMATION	CLIENT INFORMATION
Loan #/Ref #: Map 6 5400 Buckeystown Pike MD 21701 Latitude/Longitude: ()	Delwayne Becker RKK 81 Mosher Street Baltimore, MD 21217

ENVIRONMENTAL RISK SUMMARY	Property/ Adjacent Area (w/in 1/8 m)	Sur- rounding Area (1/8-1 m)
A) Properties in the area with Known Contamination:		
Designated for Superfund clean-up by the US EPA (NPL):	0	0
RCRA Corrective Actions (CORRACTS) and associated TSD:	0	0
B) Properties in the area with Potential Contamination:		
That treat, store, /or dispose of hazardous waste (RCRA TSD):	0	0
Under review by the US EPA (CERCLIS) or formerly under review by US EPA (NFRAP) :	0	0
Under review by the state (SCL):	0	0
With leaking underground storage tanks (LUST):	1	0
Permitted as solid waste landfills, incinerators, or transfer stations (SWLF):	0	0
C) Properties in the area with Environmentally Sensitive Business Activities:		
With previous hazardous materials spills (ERNS):	0	0
That generate large quantities of hazardous waste (RCRIS):	0	3
That generate small quantities of hazardous waste (RCRIS):	1	20
With registered underground storage tanks (UST):	3	24
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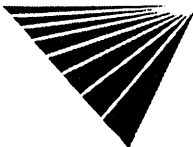


REAL ESTATE TRANSACTION SCREEN REPORT V (WITH ALL DATABASES SEARCHED TO 1 MILE)

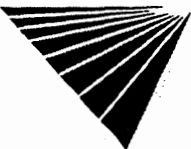
RISK INVENTORY

RISK AT PROPERTY AND THE ADJACENT AREA (within 1/8 mile)	A		B				C			NOTES		
	NPL	CORRACTS(TSD)	TSD	CERCLIS/NFRAP	SCL	LUST	SWLF	ERNS	LG GEN		SM GEN	UST
SEARS #2664 5500 BUCKEYSTOWN PIKE FREDERICK,										X		VISTA ID DISTANCE DIRECTION 6621280 0.07 MI N
FRANCIS SCOTT KEY MALL (SEARS) 5500 BUCKEYSTOWN PIKE FREDERICK, MD 21704											X	723250 0.07 MI N
EXXON STATION #2-6583 5516 BUCKEYSTOWN PIKE FREDERICK,						X					X	1649396 0.11 MI N
SHELL SERVICE STATION 5520 BUCKEYSTOWN PIKE FREDERICK,											X	4080187 0.12 MI N

RISK AT PROPERTIES IN THE SURROUNDING AREA (within 1/8 - 1 mile)	A		B				C			NOTES		
	NPL	CORRACTS(TSD)	TSD	CERCLIS/NFRAP	SCL	LUST	SWLF	ERNS	LG GEN		SM GEN	UST
APPLIED COMMUNICATIONS 5300 SPECTRUM DR FREDERICK,										X		VISTA ID DISTANCE DIRECTION 24327 0.28 MI N
WEINSCHEL CORP 5305 SPECTRUM DR FREDERICK,										X		6621372 0.29 MI N
METRAPLEX CORP 5305 SPECTRUM DR FREDERICK,										X		269697 0.29 MI N
SHEETZ INC. #161 5601 BUCKEYSTOWN PIKE FREDERICK,											X	4080188 0.33 MI N
BRITISH AUTO SERVICES INC. 5620 BUCKEYSTOWN PIKE FREDERICK,											X	5815665 0.38 MI N
UNITED CONCRETE PRODUCTS INC. 5703 URBANA PIKE FREDERICK,											X	723238 0.38 MI NE



RISK AT PROPERTIES IN THE SURROUNDING AREA (within 1/8 - 1 mile)	A		B					C			NOTES	
	NPL	CORRACTS(TSD)	TSD	CERCLIS/NFRAP	SCL	LUST	SWLF	ERNS	LG GEN	SM GEN		UST
RICE DONALD B TIRE CO INC 5628 BUCKEYSTOWN PIKE FREDERICK, MD 21704										X		3683884 0.40 MI N
TATE CHRYSLER PLYMOUTH 5629 BUCKEYSTOWN PIKE FREDERICK, MD 21704										X		3683885 0.40 MI N
EYLER'S VENDING INC. 5734 A URBANA PIKE FREDERICK, MD 21704											X	4080041 0.41 MI NE
SHOCKLEY VOLKSWAGEN-AUDI INC 5640 BUCKEYSTOWN PIKE FREDERICK, MD 21704											X	723133 0.43 MI N
STANDARD FEDERAL SAVINGS BANK 5280 CORPORATE DRIVE FREDERICK, MD 21703											X	4081506 0.47 MI W
FREDERICK SITE DEVELOPMENT 7428 GROVE ROAD FREDERICK, MD 21704											X	4082767 0.49 MI N
FREDERICK AMBULANCE SERVICE 7435 GROVE ROAD FREDERICK, MD 21704											X	5613519 0.50 MI N
TRI COM INC 7304 GROVE RD FREDERICK, MD 21704									X			430422 0.51 MI N
METLFAB INC 7310 GROVE RD FREDERICK, MD 21704									X			269657 0.52 MI N
SUPERIOR CONCRETE 5823 URBANA PIKE FREDERICK, MD 21704											X	723232 0.52 MI NE
CENTRAL MAINTENANCE 5823 URBANA PIKE FREDERICK, MD 21704											X	723228 0.52 MI NE
BALLENGER WATER PLANT 7409 SHOCKLEY DRIVE FREDERICK, MD 21704											X	4086641 0.53 MI S
PRINTING SVCS INC 5711 IND LN UNITS 20 21 FREDERICK, MD 21701										X		4964643 0.53 MI NW
SHOCKLEY HONDA 7400 SHOCKLEY DRIVE FREDERICK, MD 21704											X	723174 0.54 MI S
ANTIETAM AUTOMOTIVE MACHINE 5826A URBANA PIKE FREDERICK, MD 21704										X		3179188 0.54 MI NE
RICHARD F. KLINE INC. 7700 GROVE ROAD FREDERICK, MD 21704											X	6740494 0.54 MI N



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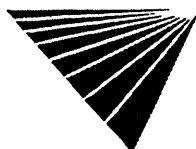
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RISK AT PROPERTIES IN THE SURROUNDING AREA (within 1/8 - 1 mile)	A		B					C			NOTES	
	NPL	CORRACTS(TSD)	TSD	CERCLISNFRAP	SCL	LUST	SWLF	ERNS	LG GEN	SM GEN		UST
VERNON E. STUP COMPANY 5859 URBANA PIKE FREDERICK, MD 21704										X	X	723220 0.60 MI NE
IDEAL BUICK G. M. C. 5871 URBANA PIKE FREDERICK, MD 21704										X	X	723175 0.62 MI NE
SOUTHERN STATES PETROLEUM 5870 URBANA PIKE FREDERICK, MD 21704										X		1938626 0.62 MI NE
SOUTHERN STATES 5870 URBANA PIKE FREDERICK, MD 21704											X	6544505 0.62 MI NE
AG-MB INC T/A N-H AUTO BODY 5702 INDUSTRY LANE #A33 FREDERICK, MD 21704										X		5613792 0.63 MI NW
J T ANTIQUES REFINISHING 5702 INDUSTRY LANE B 3 FREDERICK, MD 21704										X		5250984 0.63 MI NW
EVERGREEN BUSINESS CENTER 5702 INDUSTRY LANE FREDERICK, MD 21704											X	5152141 0.63 MI NW
RICHARD F KLINE INC 7800 GROVE RD FREDERICK, MD 21701										X		1937397 0.64 MI N
MISCELLANEOUS METALS INC. 5719 INDUSTRY LANE FREDERICK, MD 21704											X	6741126 0.66 MI NW
K C CUSTOMS 5733 B BUCKEYSTOWN PIKE FREDERICK, MD 21704										X		224853 0.67 MI N
EVERGREEN MOTORS. 5904 URBANA PIKE. FREDERICK, MD 21704											X	723261 0.69 MI N
PATAPSCO DESIGNS INC 5736 INDUSTRY LANE FREDERICK, MD 21704										X		321083 0.70 MI NW
COUNTY ENGINE SHOP 5915D URBANA PIKE FREDERICK, MD 21704										X		3677865 0.72 MI N
HARLEY DAVIDSON OF FREDERICK 5915C URBANA PIKE FREDERICK, MD 21704										X		3179192 0.72 MI N
EVERGREEN MOBIL 5922 URBANA PIKE FREDERICK, MD 21704											X	4087456 0.73 MI N
CRESTWOOD CONSTRUCTION 5718 NEW DESIGN ROAD FREDERICK, MD 21701											X	723258 0.77 MI NW



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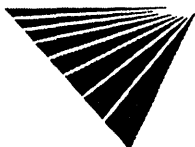
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RISK AT PROPERTIES IN THE SURROUNDING AREA (within 1/8 - 1 mile)	A		B					C			NOTES	
	NPL	CORRACTS(TSD)	TSD	CERCLIS/FRAP	SCL	LUST	SWLF	ERNS	LG GEN	SM GEN		UST
STATE HIGHWAY ADMINISTRATION. 5111 BUCKEYSTOWN PIKE FREDERICK, MD 21704											X	VISTA ID DISTANCE DIRECTION 260897 0.80 MI S
LIFE TECHNOLOGIES INC 7335 EXECUTIVE WAY FREDERICK, MD 21704									X			1649781 0.85 MI S
PHOENIX MECANO INC 7330 EXECUTIVE WAY FREDERICK, MD 21704										X		5250779 0.86 MI S
FRANCIS SCOTT KEY ISUZU 6001 URBANA PIKE FREDERICK, MD 21704										X		3179193 0.90 MI N
FSK LINCOLN-MERCURY INC. 6001 URBANA PIKE FREDERICK, MD 21704											X	4087457 0.90 MI N
EXXON STATION #2-7480 6003 URBANA PIKE FREDERICK, MD 21704											X	1650858 0.91 MI N
DAVLIN AUTOMOTIVE SERVICE INC 5831 H BUCKEYSTOWN PIKE FREDERICK, MD 21704										X		3683887 0.93 MI N



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REAL ESTATE TRANSACTION SCREEN REPORT V (WITH ALL DATABASES SEARCHED TO 1 MILE)

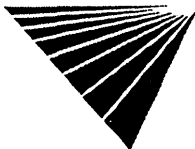
PROPERTY INFORMATION	CLIENT INFORMATION
Loan #/Ref #: Not Provided Map 7 (00 West Patrick Street MD 21701 Latitude/Longitude: (39.415181, 77.435396)	Delwayne Becker RKK 81 Mosher Street Baltimore, MD 21217

ENVIRONMENTAL RISK SUMMARY	Property/ Adjacent Area (w/in 1/8 mi)	Sur- rounding Area (1/8-1 mi)
A) Properties in the area with Known Contamination:		
Designated for Superfund clean-up by the US EPA (NPL):	0	0
RCRA Corrective Actions (CORRACTS) and associated TSD:	0	0
B) Properties in the area with Potential Contamination:		
That treat, store, /or dispose of hazardous waste (RCRA TSD):	0	0
Under review by the US EPA (CERCLIS) or formerly under review by US EPA (NFRAP) :	0	0
Under review by the state (SCL):	0	0
With leaking underground storage tanks (LUST):	0	3
Permitted as solid waste landfills, incinerators, or transfer stations (SWLF):	0	1
C) Properties in the area with Environmentally Sensitive Business Activities:		
With previous hazardous materials spills (ERNS):	3	3
That generate large quantities of hazardous waste (RCRIS):	0	3
That generate small quantities of hazardous waste (RCRIS):	3	14
With registered underground storage tanks (UST):	4	44

This report meets the ASTM standard E-1528 for standard federal and state government database research in a Transaction Screen environmental site assessment. A (-) indicates a distance not searched because it exceeds these ASTM search parameters.

LIMITATION OF LIABILITY

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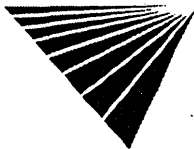
Page #1

REAL ESTATE TRANSACTION SCREEN REPORT V (WITH ALL DATABASES SEARCHED TO 1 MILE)

RISK INVENTORY

RISK AT PROPERTY AND THE ADJACENT AREA (within 1/8 mile)	A		B					C			NOTES	
	NPL	CORRACTS(TSD)	TSD	CERCLIS/MFRAP	SCL	LUST	SWLF	ERNS	LG GEN	SM GEN		UST
MONTGOMERY WARD AUTO CENTER RTE. FREDERICK,											X	VISTA ID DISTANCE DIRECTION 5152342 0.00 MI NA
FORTY WEST EXXON 1000 W. FREDERICK, MD 21703										X	X	723135 0.06 MI W
FREDERICK BARRACK 'B' 1001 W. FREDERICK,											X	723218 0.06 MI W
MD STATE POLICE BARRACK B 1001 W PATRICK ST FREDERICK, MD 21703										X		6896651 0.06 MI W
KMART # 3131 1003 W. FREDERICK,											X	3177347 0.06 MI W
KENOSHA AUTO TRANSPORT 1040 W PATRICK ST FREDERICK, MD 21703								X				200248246 0.11 MI W
KENOSHA AUTO TRANSPORT 1040 W PATRICK ST FREDERICK,								X				200226734 0.11 MI W
KENOSHA AUTO TRANSPORT 1040 W PATRICK ST. FREDERICK,								X				200253896 0.11 MI W
FREDERICKTOWN TOYOTA INC 1040 W PATRICK ST FREDERICK, MD 21703										X		3177348 0.11 MI W

RISK AT PROPERTIES IN THE SURROUNDING AREA (within 1/8 - 1 mile)	A		B				C				NOTES	
	NPL	CORRACTS(TSD)	TSD	CERCLIS/FRAP	SCL	LUST	SWLF	ERNS	LG GEN	SM GEN		UST
GIANT FOOD STORE #187 1063 W. PATRICK STREET FREDERICK,											X	VISTA ID DISTANCE DIRECTION 4085444 0.13 MI W



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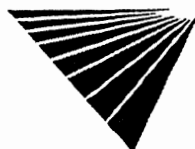
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RISK AT PROPERTIES IN THE SURROUNDING AREA (within 1/8 - 1 mile)	A		B					C			NOTES	
	NPL	CORRACTS(TSD)	TSD	CERCLIS/INFRAP	SCL	LUST	SWLF	ERNS	LG GEN	SM GEN		UST
HILLCREST CLEANERS 1080 W PATRICK ST FREDERICK, MD 21703										X		VISTA ID DISTANCE DIRECTION 1650937 0.16 MI W
THE PEP BOYS #065 1120 W. PATRICK STREET FREDERICK, MD 21703											X	723301 0.20 MI W
STATE FARM INSURANCE 800 OAK ST FREDERICK, MD 21703								X				200272777 0.24 MI SW
STATE FARM INSURANCE CO. 800 OAK ST. FREDERICK, MD 21703											X	4084690 0.24 MI SW
FREDERICK AUTO BODY 1160 W PATRICK ST FREDERICK, MD 21702									X			159383 0.25 MI W
RUDY INC. RICHARD B. 203 LINDEN AVE. FREDERICK, MD 21703											X	723205 0.26 MI SW
CROWN SERVICE STATION MD 45 1180 W. PATRICK STREET FREDERICK, MD 21702									X	X		1650938 0.28 MI W
FITZGERALD AUTO MALL 114 BAUGHMANS LANE FREDERICK, MD 21702									X			3677599 0.29 MI NW
SUNDERLAND CHEVROLET CADILLAC IN 114 BAUGHMANS LANE FREDERICK, MD 21702											X	227698 0.29 MI NW
JIFFY LUBE 1210 W. PATRICK STREET FREDERICK, MD 21703											X	723244 0.31 MI W
FREDERICK HEIGHTS APARTMENTS 1096 GREENWALL PLACE FREDERICK, MD 21703											X	5307310 0.36 MI W
WEST FREDERICK MIDDLE SCHOOL 515 W. PATRICK STREET FREDERICK, MD 21701											X	4877894 0.36 MI E
FREDERICKTOWNE MOTORS 499 W. PATRICK ST. FREDERICK, MD 21701											X	4877893 0.36 MI E
FREDERICK TOWNE MALL 1301 W. PATRICK ST. FREDERICK, MD 21703											X	5815932 0.42 MI W
KLINE INC. RICHARD F. 423 C. E. PATRICK STREET FREDERICK, MD 21701											X	230424 0.43 MI E
FREDERICK HIGH SCHOOL 650 CARROLL PARKWAY FREDERICK, MD 21701											X	4876879 0.45 MI NE



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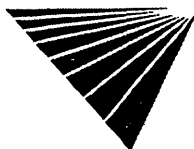
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RISK AT PROPERTIES IN THE SURROUNDING AREA (within 1/8 - 1 mile)	A		B					C			NOTES	
	NPL	CORRACTS(TSD)	TSD	CERCLIS/FRAP	SCL	LUST	SWLF	ERNS	LG GEN	SM GEN		UST
WAYNE K.MEAD DBA KENS TRASMI. 400 W. PATRICK STREET FREDERICK, MD 21701											X	VISTA ID DISTANCE DIRECTION 2626198 0.45 MI E
FREDERICK HEIGHTS APARTMENTS 1072 REDFIELD COURT FREDERICK, MD 21703											X	5815941 0.46 MI W
BROOKLAWN APARTMENTS 1001 CARROLL PKY. FREDERICK, MD 21701											X	4081432 0.46 MI NE
WAYNE K. MEAD DBA KENS TRANSMIS. 371 W. PATRICK STREET FREDERICK, MD 21701											X	723157 0.47 MI E
MERCHANTS TIRE AUTO #01013 1340 W PATRICK ST RT 40 FREDERICK, MD 21703										X		3094592 0.48 MI W
FREDERICK HEIGHTS APARTMENTS 1080 CARLTON PLACE FREDERICK, MD 21703											X	5307135 0.49 MI W
EXXON R/S #27413 1380 W. PATRICK (US 40) FREDERICK, MD 21703											X	4877897 0.52 MI W
JEFFERSON STREET SERVICE CTR. 242 S. JEFFERSON STREET FREDERICK, MD 21701										X	X	3094158 0.56 MI SE
UNI-MART #06003 300 S. JEFFERSON ST. FREDERICK, MD 21701											X	4083258 0.56 MI SE
T/A JEFFERSON ST. TEXACO 324 S. JEFFERSON STREET FREDERICK, MD 21701											X	723276 0.58 MI S
MARJON INC. 511 W. SOUTH STREET FREDERICK, MD 21701											X	723207 0.61 MI E
EXXON STATION #2-4461 400 S. JEFFERSON ST. FREDERICK, MD 21701											X	1650708 0.61 MI S
EXXON GAS STATION 400 JEFFERSON ST FREDERICK, MD 21701								X				277010706 0.61 MI S
FREDERICK CABLEVISION 244 W. PATRICK STREET FREDERICK, MD 21701											X	5152343 0.62 MI E
BARBARA FRITCHIE MOTEL 230 W. PATRICK STREET FREDERICK, MD 21701											X	723229 0.65 MI E
ROSEMONT CHEVERON 1204 ROSEMONT AVE FREDERICK, MD 21701										X		3472803 0.69 MI NE



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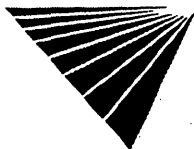
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RISK AT PROPERTIES IN THE SURROUNDING AREA (within 1/8 - 1 mile)	A		B					C			NOTES	
	NPL	CORRACTS(TSD)	TSD	CERGLISNFRAP	SCL	LUST	SWLF	ERNIS	LG GEN	SM GEN		UST
WEST PARK OFFICE BUILDING 10 N. JEFFERSON STREET. FREDERICK, MD 21701											X	VISTA ID DISTANCE DIRECTION 6740497 0.70 MI E
SHELL ROUTE 40 1410 PATRICK ST. , MD						X						5300611 0.72 MI NW
BUSSARDS AUTO CENTER 1510 W. PATRICK ST FREDERICK, MD 21702											X	5307663 0.72 MI NW
SANBOWER BUILDERS INC. 1425 W. PATRICK FREDERICK, MD 21701											X	4083046 0.72 MI NW
TRIANGLE MOTORS 1415 W. PATRICK STREET FREDERICK, MD 21702											X	723245 0.72 MI NW
AMOCO #311-TANKS 1403 W PATRICK ST FREDERICK, MD 21702										X		3094593 0.72 MI NW
EARL W. H. MERCER SON INC. 1460 A. W. PATRICK STREET FREDERICK, MD 21701											X	723119 0.72 MI NW
ASSOCIATED FOOT HEALTH PA 1519 W PATRICK ST FREDERICK, MD 21702										X		28476 0.72 MI NW
FREDERICK COUNTY COMMISSIONERS 100 W. PATRICK STREET FREDERICK, MD 21701											X	723166 0.73 MI E
OVERLOOK MANOR APARTMENTS 1208 ALBAN COURT FREDERICK, MD 21703											X	4079905 0.75 MI W
PHOENIX INC. 162 W. PATRICK STREET FREDERICK, MD 21701											X	723235 0.80 MI E
TEXACO US 40 WILLOWDALE DRIVE , MD						X						5300684 0.80 MI W
AIR TECHNOLOGY SYSTEMS 660A RESEARCH DR FREDERICK, MD 21701								X				3391994 0.80 MI S
EASTALCO 650 535 , MD						X						5058857 0.80 MI W
TEXACO US 40 WILLOWDALE DR. FREDERICK, MD 21701											X	4087748 0.80 MI W
UNI-MART #06005 BUTTERFLY LANE HIMES AVENUE FREDERICK, MD 21701											X	4082986 0.82 MI SW



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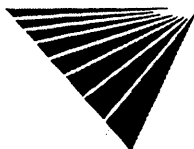
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RISK AT PROPERTIES IN THE SURROUNDING AREA (within 1/8 - 1 mile)	A		B					C			NOTES	
	NPL	CORRACTS(TSD)	TSD	CERCLIS/FRAP	SCL	LUST	SWLF	ERNS	LG GEN	SM GEN		UST
ROSEMONT SERVICE STATION 1704 ROSEMONT AVE. FREDERICK, MD 21702											X	5152377 0.82 MI N
ZIMMERMAN'S FLORIST INC. 207 COLLEGE AVENUE FREDERICK, MD 21701											X	4081130 0.85 MI E
FREDERICK CABLEVISION INC. 37 DEGRANGE STREET FREDERICK, MD 21701											X	6741252 0.88 MI E
ROSEMONT MOTORS 1800 ROSEMONT AVE FREDERICK, MD 21702										X		3684248 0.89 MI N
WESTSIDE COLLISION REPAIR CENTER 1802 ROSEMONT AVE FREDERICK, MD 21702									X			466572 0.89 MI N
PATRICK CENTER LTD. THE 30 W. PATRICK STREET FREDERICK, MD 21701											X	4085435 0.90 MI E
H.J.SERVICES INC 1814 ROSEMONT AVE. FREDERICK, MD 21702											X	723155 0.90 MI N
WATKINS BAUDETTE DODGE 1820 ROSEMNT AVE. FREDERICK, MD 21702											X	6740498 0.90 MI N
FREDERICK BUSINESS PROP. 1820 ROSEMONT AVE. , MD						X						5300024 0.91 MI N
WATKINS-BURDETTE MOTORS 1820 ROSEMONT AVE FREDERICK, MD 21702										X		1650540 0.91 MI N
JEFFERSON CLEANERS 438 PROSPECT BLVD FREDERICK, MD 21701										X		216105 0.91 MI SE
FREDERICK CO. ANIMAL SHELTER 1832 ROSEMONT AVENUE FREDERICK, MD 21702											X	723171 0.92 MI N
SOLAREX 630 SOLAREX COURT FREDERICK, MD 21703										X		4244795 0.93 MI S
FREDERICK REFININSHING CR 117 SOUTH BENTZ ST FREDERICK, MD 21701								X				200384727 0.97 MI E
FREDERICK REFINISHING CENTER 117 SOUTH BENTZ ST FREDERICK, MD 21701										X		1935908 0.97 MI E
LINCOLN APARTMENTS S BENTZ ST PHEBUS AVE FREDERICK, MD 21701									X			6162863 0.98 MI E



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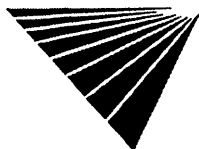
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RISK AT PROPERTIES IN THE SURROUNDING AREA (within 1/8 - 1 mile)	A		B				C			NOTES		
	NPL	CORRACTS(TSD)	TSD	CERCLIS/FRAP	SCL	LUST	SWLF	ERNS	LG GEN		SM GEN	UST
SOUTH FREDERICK ELEM. 'B' 250 MADISON STREET FREDERICK, MD 21701											X	VISTA ID DISTANCE DIRECTION 4877479 0.98 MI E



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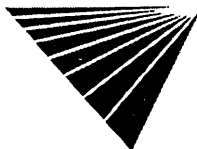
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REAL ESTATE TRANSACTION SCREEN REPORT V (WITH ALL DATABASES SEARCHED TO 1 MILE)

PROPERTY INFORMATION	CLIENT INFORMATION
Loan #/Ref #: Not Provided Map 8 Trading Lane MD 21701 Latitude/Longitude: (39.458963, 77.401220)	Delwayne Becker RKK 81 Mosher Street Baltimore, MD 21217

ENVIRONMENTAL RISK SUMMARY	Property/ Adjacent Area (w/in 1/8 mi)	Sur- rounding Area (1/8-1 mi)
A) Properties in the area with Known Contamination:		
Designated for Superfund clean-up by the US EPA (NPL):	0	0
RCRA Corrective Actions (CORRACTS) and associated TSD:	0	0
B) Properties in the area with Potential Contamination:		
That treat, store, /or dispose of hazardous waste (RCRA TSD):	0	0
Under review by the US EPA (CERCLIS) or formerly under review by US EPA (NFRAP) :	0	0
Under review by the state (SCL):	0	0
With leaking underground storage tanks (LUST):	0	0
Permitted as solid waste landfills, incinerators, or transfer stations (SWLF):	0	0
C) Properties in the area with Environmentally Sensitive Business Activities:		
With previous hazardous materials spills (ERNS):	0	0
That generate large quantities of hazardous waste (RCRIS):	0	0
That generate small quantities of hazardous waste (RCRIS):	0	2
With registered underground storage tanks (UST):	0	11
<p>This report meets the ASTM standard E-1528 for standard federal and state government database research in a Transaction Screen environmental site assessment. A (-) indicates a distance not searched because it exceeds these ASTM search parameters.</p> <p>LIMITATION OF LIABILITY Customer proceeds at its own risk in choosing to rely on VISTA services, in whole or in part, prior to proceeding with any transaction. VISTA cannot be an insurer of the accuracy of the information, errors occurring in conversion of data, or for customer's use of data. VISTA and its affiliated companies, officers, agents, employees and independent contractors cannot be held liable for accuracy, storage, delivery, loss or expense suffered by customer resulting directly or indirectly from any information provided by VISTA.</p>		



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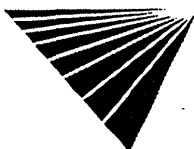
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REAL ESTATE TRANSACTION SCREEN REPORT V (WITH ALL DATABASES SEARCHED TO 1 MILE)

RISK INVENTORY

RISK AT PROPERTY AND THE ADJACENT AREA (within 1/8 mile)	A		B				C			NOTES	VISTA ID DISTANCE DIRECTION	
	NPL	CORRACTS(TSD)	TSD	CERCLIS/NFRAP	SCL	LUST	SWLF	ERNS	LG GEN			SM GEN
No Records Found												

RISK AT PROPERTIES IN THE SURROUNDING AREA (within 1/8 - 1 mile)	A		B				C			NOTES	VISTA ID DISTANCE DIRECTION	
	NPL	CORRACTS(TSD)	TSD	CERCLIS/NFRAP	SCL	LUST	SWLF	ERNS	LG GEN			SM GEN
RENTALS UNLIMITED 7649 HAYWARD ROAD FREDERICK, MD 21701											X	723106 0.23 MI S
PLANTRONICS BUILDING 7630 HAYWARD ROAD FREDERICK, MD 21702											X	4877306 0.25 MI SW
FREDERICK CO BD OF EDUCATION 7446 HAYWARD RD. FREDERICK, MD 21702										X	X	159394 0.43 MI W
TUSCARORA CORPORATE OFFICE 7611-B WILLOW ROAD FREDERICK, MD 21702											X	4087745 0.64 MI N
BECKLEY'S MOTEL RESTAURANT 7611 A WILLOW RD. FREDERICK, MD 21702											X	723124 0.64 MI N
FREDERICK TRADING CO. 7901 TRADING LANE FREDERICK, MD 21701											X	527814 0.79 MI SE
VOCATIONAL-TECHNICAL CENTER 7922 OPOSSUMTOWN PIKE FREDERICK, MD 21702											X	723214 0.79 MI W
CERESVILLE FORD NEW HOLLAND 8102 LIBERTY RD. FREDERICK, MD 21701											X	4083470 0.97 MI SE
NEW HOLLAND INC 8102 LIBERTY RD FREDERICK, MD 21701										X		3175740 0.97 MI SE



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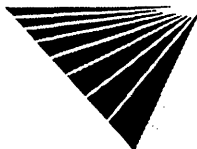
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RISK AT PROPERTIES IN THE SURROUNDING AREA (within 1/8 - 1 mile)	A		B				C			NOTES		
	NPL	CORRACTS(TSD)	TSD	CERCLIS/FRAP	SCL	LUST	SWLF	ERNS	LG GEN		SM GEN	UST
BLUE RIDGE OIL CO. 8038 LIBERTY ROAD FREDERICK, MD 21701											X	VISTA ID DISTANCE DIRECTION 723123 0.98 MI SE
ONE STOP GETTY 8038 A LIBERTY RD. FREDERICK, MD 21701											X	4079907 0.98 MI SE
ROUTZAHN'S 1931 N. MARKET STREET EXT. FREDERICK, MD 21701											X	4084312 1.00 MI SE



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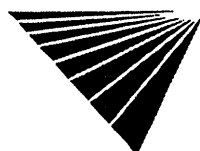
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REAL ESTATE TRANSACTION SCREEN REPORT V (WITH ALL DATABASES SEARCHED TO 1 MILE)

PROPERTY INFORMATION	CLIENT INFORMATION
Loan #/Ref #: Not Provided Map 9 Briggs Ford Road MD 21793 Latitude/Longitude: (39.481701, 77.397739)	DeWayne Becker RKK 81 Mosher Street Baltimore, MD 21217

ENVIRONMENTAL RISK SUMMARY	Property/ Adjacent Area (w/in 1/8 mi)	Sur- rounding Area (1/8-1 mi)
A) Properties in the area with Known Contamination:		
Designated for Superfund clean-up by the US EPA (NPL):	0	0
RCRA Corrective Actions (CORRACTS) and associated TSD:	0	0
B) Properties in the area with Potential Contamination:		
That treat, store, /or dispose of hazardous waste (RCRA TSD):	0	0
Under review by the US EPA (CERCLIS) or formerly under review by US EPA (NFRAP):	0	0
Under review by the state (SCL):	0	0
With leaking underground storage tanks (LUST):	0	0
Permitted as solid waste landfills, incinerators, or transfer stations (SWLF):	0	0
C) Properties in the area with Environmentally Sensitive Business Activities:		
With previous hazardous materials spills (ERNS):	0	0
That generate large quantities of hazardous waste (RCRIS):	0	0
That generate small quantities of hazardous waste (RCRIS):	0	0
With registered underground storage tanks (UST):	0	4
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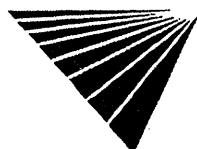
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REAL ESTATE TRANSACTION SCREEN REPORT V (WITH ALL DATABASES SEARCHED TO 1 MILE)

RISK INVENTORY

RISK AT PROPERTY AND THE ADJACENT AREA (within 1/8 mile)	A		B					C			NOTES	VISTA ID DISTANCE DIRECTION
	NPL	CORRACTS(TSD)	TSD	CERCLIS/NFRAP	SCL	LUST	SWLF	ERNS	LG GEN	SM GEN		
No Records Found												

RISK AT PROPERTIES IN THE SURROUNDING AREA (within 1/8 - 1 mile)	A		B					C			NOTES	
	NPL	CORRACTS(TSD)	TSD	CERCLIS/NFRAP	SCL	LUST	SWLF	ERNS	LG GEN	SM GEN		UST
POOLE EDWARD J. 7802 BIGGS FORD ROAD FREDERICK, MD 21702											X	VISTA ID DISTANCE DIRECTION 4080214 0.21 MI E
SUNDAY'S LANE CONVENIENT MART 7729 SUNDAYS LANE FREDERICK, MD 21702											X	4086896 0.26 MI NW
TUSCARORA CORPORATE OFFICE 7611-B WILLOW ROAD FREDERICK, MD 21702											X	4087745 0.87 MI SW
BECKLEY'S MOTEL RESTAURANT 7611 A WILLOW RD. FREDERICK, MD 21702											X	723124 0.87 MI SW



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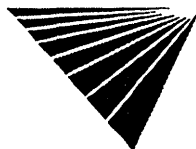
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REAL ESTATE TRANSACTION SCREEN REPORT V (WITH ALL DATABASES SEARCHED TO 1 MILE)

PROPERTY INFORMATION	CLIENT INFORMATION
Loan #/Ref #: Not Provided Map 10 Lewisdale Road MD 21754 Latitude/Longitude: (39.293587, 77.315449)	Delwayne Becker RKK 81 Mosher Street Baltimore, MD 21217

ENVIRONMENTAL RISK SUMMARY	Property/ Adjacent Area (w/in 1/8 mi)	Sur- rounding Area (1/8-1 mi)
A) Properties in the area with Known Contamination:		
Designated for Superfund clean-up by the US EPA (NPL):	0	0
RCRA Corrective Actions (CORRACTS) and associated TSD:	0	0
B) Properties in the area with Potential Contamination:		
That treat, store, /or dispose of hazardous waste (RCRA TSD):	0	0
Under review by the US EPA (CERCLIS) or formerly under review by US EPA (NFRAP):	0	0
Under review by the state (SCL):	0	0
With leaking underground storage tanks (LUST):	0	0
Permitted as solid waste landfills, incinerators, or transfer stations (SWLF):	0	0
C) Properties in the area with Environmentally Sensitive Business Activities:		
With previous hazardous materials spills (ERNS):	0	0
That generate large quantities of hazardous waste (RCRIS):	0	0
That generate small quantities of hazardous waste (RCRIS):	0	3
With registered underground storage tanks (UST):	0	5
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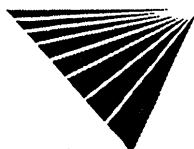
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REAL ESTATE TRANSACTION SCREEN REPORT V (WITH ALL DATABASES SEARCHED TO 1 MILE)

RISK INVENTORY

RISK AT PROPERTY AND THE ADJACENT AREA (within 1/8 mile)	A		B				C			NOTES	
	NPL	CORRACTS(TSD)	TSD	CERCLIS/INFRAP	SCL	LUST	SWLF	ERNS	LG GEN		SM GEN
No Records Found											

RISK AT PROPERTIES IN THE SURROUNDING AREA (within 1/8 - 1 mile)	A		B					C			NOTES	
	NPL	CORRACTS(TSD)	TSD	CERCLIS/INFRAP	SCL	LUST	SWLF	ERNS	LG GEN	SM GEN		UST
PATHOLOGY ASSOCIATES INC 10075 TYLER PLACE HYATTSTOWN, MD 21754										X		VISTA ID DISTANCE DIRECTION 321198 0.20 MI S
BIOL RES FACULTY FACILITY 10075-20 TYLER PLACE IJAMSVILLE, MD 21754										X		48667 0.26 MI S
MIDLAND GLASS 10078 TYLER COURT IJAMSVILLE, MD 21754											X	4087380 0.27 MI S
BURDETTE BROTHERS INC. 1909 URBANA PIKE IJAMSVILLE, MD 21754										X	X	62666 0.39 MI S
6/10 GAS MART 1904 URBANA PIKE FREDERICK, MD 20871											X	723105 0.41 MI S
LONG FENCE CO. INC. 2520 URBANA PIKE IJAMSVILLE, MD 21754											X	4087453 0.82 MI NW
POOLE SR. EDWIN 2548 URBANA PIKE IJAMSVILLE, MD 21754											X	4087454 0.88 MI NW



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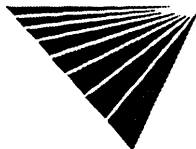
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REAL ESTATE TRANSACTION SCREEN REPORT V (WITH ALL DATABASES SEARCHED TO 1 MILE)

PROPERTY INFORMATION	CLIENT INFORMATION
Loan #/Ref #: Not Provided Map 11 Urbana Pike MD 21754 Latitude/Longitude: (39.314489, 77.330867)	Delwayne Becker RKK 81 Mosher Street Baltimore, MD 21217

ENVIRONMENTAL RISK SUMMARY	Property/ Adjacent Area (w/in 1/8 mi)	Sur- rounding Area (1/8-1 mi)
A) Properties in the area with Known Contamination:		
Designated for Superfund clean-up by the US EPA (NPL):	0	0
RCRA Corrective Actions (CORRACTS) and associated TSD:	0	0
B) Properties in the area with Potential Contamination:		
That treat, store, /or dispose of hazardous waste (RCRA TSD):	0	0
Under review by the US EPA (CERCLIS) or formerly under review by US EPA (NFRAP) :	0	0
Under review by the state (SCL):	0	0
With leaking underground storage tanks (LUST):	0	0
Permitted as solid waste landfills, incinerators, or transfer stations (SWLF):	0	0
C) Properties in the area with Environmentally Sensitive Business Activities:		
With previous hazardous materials spills (ERNS):	0	0
That generate large quantities of hazardous waste (RCRIS):	0	0
That generate small quantities of hazardous waste (RCRIS):	0	1
With registered underground storage tanks (UST):	1	2
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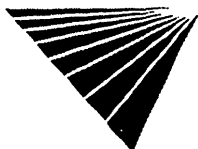
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REAL ESTATE TRANSACTION SCREEN REPORT V (WITH ALL DATABASES SEARCHED TO 1 MILE)

RISK INVENTORY

RISK AT PROPERTY AND THE ADJACENT AREA (within 1/8 mile)	A		B				C			NOTES		
	NPL	CORRACTS(TSD)	TSD	CERCLIS/NFRAP	SCL	LUST	SWLF	ERNS	LG GEN		SM GEN	UST
FRANKLIN LIQUORS INC. 2913 URBANA PIKE IJAMSVILLE, MD 21754											X	VISTA ID DISTANCE DIRECTION 723340 0.00 MI NA

RISK AT PROPERTIES IN THE SURROUNDING AREA (within 1/8 - 1 mile)	A		B				C			NOTES		
	NPL	CORRACTS(TSD)	TSD	CERCLIS/NFRAP	SCL	LUST	SWLF	ERNS	LG GEN		SM GEN	UST
SPRING GARDEN CORP 9629 DR PERRY DR IJAMSVILLE, MD 21754										X		VISTA ID DISTANCE DIRECTION 4964607 0.56 MI S
POOLE SR. EDWIN 2548 URBANA PIKE IJAMSVILLE, MD 21754											X	4087454 0.67 MI SE
LONG FENCE CO. INC. 2520 URBANA PIKE IJAMSVILLE, MD 21754											X	4087453 0.73 MI SE



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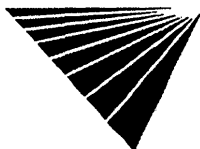
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REAL ESTATE TRANSACTION SCREEN REPORT V (WITH ALL DATABASES SEARCHED TO 1 MILE)

PROPERTY INFORMATION	CLIENT INFORMATION
Loan #/Ref #: Not Provided Map 12 Diamond Avenue MD 20899 Latitude/Longitude: ()	Delwayne Becker RKK 81 Mosher Street Baltimore, MD 21217

ENVIRONMENTAL RISK SUMMARY	Property/ Adjacent Area (w/in 1/8 mi)	Sur- rounding Area (1/8-1 mi)
A) Properties in the area with Known Contamination:		
Designated for Superfund clean-up by the US EPA (NPL):	0	0
RCRA Corrective Actions (CORRACTS) and associated TSD:	0	0
B) Properties in the area with Potential Contamination:		
That treat, store, /or dispose of hazardous waste (RCRA TSD):	0	0
Under review by the US EPA (CERCLIS) or formerly under review by US EPA (NFRAP) :	0	3
Under review by the state (SCL):	0	3
With leaking underground storage tanks (LUST):	0	1
Permitted as solid waste landfills, incinerators, or transfer stations (SWLF):	0	0
C) Properties in the area with Environmentally Sensitive Business Activities:		
With previous hazardous materials spills (ERNS):	0	10
That generate large quantities of hazardous waste (RCRIS):	1	5
That generate small quantities of hazardous waste (RCRIS):	0	30
With registered underground storage tanks (UST):	2	36
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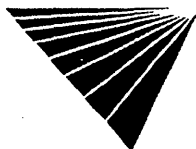


REAL ESTATE TRANSACTION SCREEN REPORT V (WITH ALL DATABASES SEARCHED TO 1 MILE)

RISK INVENTORY

RISK AT PROPERTY AND THE ADJACENT AREA (within 1/8 mile)	A		B					C			NOTES	
	NPL	CORRACTS(TSD)	TSD	CERCLIS/NFRAP	SCL	LUST	SWLF	ERNS	LG GEN	SM GEN		UST
TEXACO 600 QUINCE ORCHARD RD. GAITHERSBURG, MD 20878											X	VISTA ID DISTANCE DIRECTION 724412 0.00MI NA
NATIONAL BUREAU OF STANDARDS QUINCE ORCHARD CLOPPER ROAD GAITHERSBURG, MD 20899											X	5307099 0.00MI NA
USDC NATL INSTITUTE OF STDS TECH RTE 1270 QUNICE ORCHARD BLVD GAITHERSBURG, MD 20899									X			3684227 0.00 MI

RISK AT PROPERTIES IN THE SURROUNDING AREA (within 1/8 - 1 mile)	A		B				C				NOTES	
	NPL	CORRACTS(TSD)	TSD	CERCLIS/NFRAP	SCL	LUST	SWLF	ERNS	LG GEN	SM GEN		UST
ROADWAY TRANSPORTATION 700 QUINCE ORCHARD RD. GAITHERSBURG, MD 20878								X				200213790 0.13 MI SW
ROADWAY TRANSPORTATION 700 QUINCE ORCHARD RD. GAITHERSBURG, MD 20878								X				200237856 0.13 MI SW
WATKINS JOHNSON COMPANY 700 QUINCE ORCHARD RD GAITHERSBURG, MD 20878				X	X				X			460843 0.13 MI SW
ROADWAY TRANSPORTATION 700 QUINCE ORCHARD RD. GAITHERSBURG, MD 20878								X				200236126 0.13 MI SW
ROADWAY TRANSPORTATION 700 QUINCE ORCHARD RD. GAITHERSBURG, MD 20878								X				200212059 0.13 MI SW
WATKINS JOHNSON CO. 700 QUINCE ORCHARD RD. GAITHERSBURG, MD 20878											X	6741871 0.13 MI SW
FASHION FLAIR CLEANERS 38 BUREAU DRIVE GAITHERSBURG, MD 20878										X		149254 0.16 MI E



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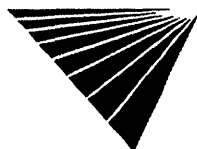
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RISK AT PROPERTIES IN THE SURROUNDING AREA (within 1/8 - 1 mile)	A		B					C			NOTES	
	NPL	CORRACTS(TSD)	TSD	CERCLIS/NFRAP	SCL	LUST	SWLF	ERNS	LG GEN	SM GEN		UST
DIAMOND SQUARE CLEANERS 38 BUREAU DRIVE GAITHERSBURG, MD 20878											X	6740927 0.16 MI E
EQUITABLE REAL ESTATE INVESTMENT MG 19 FIRSTFIELD ROAD GAITHERSBURG, MD 20878											X	6740877 0.21 MI SW
IBM SYSTEMS INTEGRATION DIV 20 FIRSTFIELD RD GAITHERSBURG, MD 20878										X		1649831 0.22 MI SW
CRISWELL CHEVROLET INC. 503 QUINCE ORCHARD RD. GAITHERSBURG, MD 20878										X	X	106252 0.23 MI NE
STATE HIGHWAY ADMINISTRATION 502 QUINCE ORCHARD ROAD GAITHERSBURG, MD 20878										X	X	3177431 0.23 MI N
SHELL - MODLIN ASSOC. INC. 501 QUINCE ORCHARD ROAD GAITHERSBURG, MD 20878											X	1938101 0.24 MI NE
DIAMOND FARMS POSTAL SERVICE 23 FIRST FIELD RD. GAITHERBURG, MD 20878											X	6741967 0.27 MI SW
ORCHARD POND 911A CLOPPER ROAD GAITHERSBURG, MD 20878											X	5151987 0.32 MI NW
BROWN STATION ELEMENTARY SCHOOL 851 QUINCE ORCHARD BLVD. GAITHERSBURG, MD 20878											X	4085491 0.34 MI W
POTOMAC OAKS BOILER ROOM 878 QUINCE ORCHARD BLVD GAITHERSBURG, MD 20878											X	6544449 0.36 MI W
NEA'S MEMBER BENEFITS CORP. 900 CLOPPER ROAD GAITHERSBURG, MD 20878											X	5815714 0.39 MI NW
IBM SYSTEMS INTERGRATION DIV 100 LAKE FOREST BLVD GAITHERSBURG, MD 20877										X		205051 0.40 MI NE
EQUITABLE REAL ESTATE 100 LAKE FOREST BOULEVARD GAITHERSBURG, MD 20877											X	4083555 0.40 MI NE
INSTITUTE FOR GENOMIC RESEARCH THE 932 CLOPPER RD GAITHERSBURG, MD 20878										X		4876791 0.41 MI NW
MONTGOMERY EXECUTIVE CENTER 6 MONTGOMERY VILLAGE AVENUE GAITHERSBURG, MD 20877											X	4084180 0.49 MI NE
THE WILLOWS ASSOCIATES LTD. 427 W. DIAMOND AVENUE GAITHERSBURG, MD 20877											X	4081746 0.54 MI E



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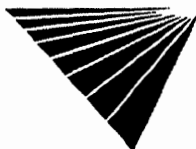
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RISK AT PROPERTIES IN THE SURROUNDING AREA (within 1/8 - 1 mile)	A		B				C				NOTES	
	NPL	CORRACTS(TSD)	TSD	CERCLIS/FRAP	SCL	LUST	SWLF	ERNS	LG GEN	SM GEN		UST
EXXON RAS# 2-3262 24 MONTGOMERY VILLAGE AVENUE GAITHERSBURG, MD 20877											X	6741953 0.54 MI NE
GAITHERSBURG TRANSMISSIONS INC 423-A EAST DIAMOND AVE GAITHERSBURG, MD 20877										X		1649673 0.54 MI E
PENRIL DATACOMM NETWORKS INC 1300 QUINCE ORCHARDS BLVD GAITHERSBURG, MD 20878										X		4877912 0.56 MI SW
A J PRINTING FORMS INC 202 PERRY PARKWAY UNIT 4 GAITHERSBURG, MD 20877										X		6162867 0.59 MI E
GENERAL PHYSICS ENVIRONMETAL 202 PERRY PKWY GAITHERSBURG, MD 20877										X		5251363 0.59 MI E
QUANTA SYSTEM CORPORATION 213 PERRY PARKWAY GAITHERSBURG, MD 20877										X		1650450 0.59 MI E
ONCOR INC 209 PERRY PKY SUITE 7 GAITHERSBURG, MD 20877										X		309646 0.59 MI E
ANT TELECOMMUNICATIONS INC 205 PERRY PARKWAY GAITHERSBURG, MD 20877										X		1650448 0.59 MI E
WEINSCHEL INC. LUCAS 1 WEINSCHEL LANE GAITHERSBURG, MD 20878				X	X					X	X	463131 0.60 MI NW
SOLAREX CORP/AEROSPACE DIV 201 PERRY PARKWAY SUITE 1 GAITHERSBURG, MD 20877										X		386656 0.60 MI E
GAITHERSBURG MARRIOTT 620 PERRY PARKWAY GAITHERSBURG, MD 20877											X	4085376 0.62 MI NE
NAT'L INSTITUTE OF STANDARD TECHNOLOGY INTERSTATE 270 QUINCE ORCHARDS BLDG. GAITHERSBURG, MD 20899				X	X							2273199 0.63 MI SE
300 W. DIAMOND AVE. GAITHERSBURG, MD 20877								X				200036829 0.65 MI E
MEDIMMUNE INC 35 WEST WATKINS MILL RD GAITHERSBURG, MD 20878								X				277010193 0.69 MI NW
MEDIMMUNE INC 35 W WATKINS MILL RD GAITHERSBURG, MD 20878									X			3095005 0.69 MI NW
FEDERAL EXPRESS CORPORATION 50 W WATKINS MILL RD GAITHERSBURG, MD 20878										X		1650977 0.70 MI NW



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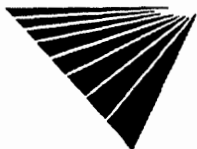
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RISK AT PROPERTIES IN THE SURROUNDING AREA (within 1/8 - 1 mile)	A		B					C			NOTES	
	NPL	CORRACTS(TSD)	TSD	CERCLIS/INFRAP	SCL	LUST	SWLF	ERNS	LG GEN	SM GEN		UST
FEDERAL EXPRESS CORPORATION 50 W. WATKINS MILL ROAD GAITHERSBURG, MD 20878											X	6741912 0.71 MI NW
AMOCO STATION #377 596 N. FREDERICK AVE. GAITHERSBURG, MD 20877						X				X	X	724390 0.75 MI NE
MONTGOMERY WARDS AUTO CENTER 600 N. FREDRICK RD. GAITHERSBURG, MD											X	6741319 0.75 MI NE
ROCKVILLE PRINTING 501 NORTH FREDERICK AVE GAITHERSBURG, MD 20877								X				200226110 0.76 MI NE
ROCKVILLE PRINTING 501 NORTH FREDERICK AVE. GAITHERSBURG, MD 20877								X				200252989 0.76 MI NE
ROCKVILLE PRINTING 501 NORTH FREDERICK AVE GAITHERSBURG, MD 20877								X				200247856 0.76 MI NE
ROCKVILLE PRINTING 501 NORTH FREDERICK AVE. GAITHERSBURG, MD 20877								X				200228953 0.76 MI NE
POHANKA BUICK 621 N FREDERICK RD GAITHERSBURG, MD 20879									X			334091 0.76 MI NE
ROSENTHAL ACURA 621 N FREDERICK AVE GAITHERSBURG, MD 20879										X		1650250 0.76 MI NE
ROSENTHAL SUZUKI INC 619 N FREDERICK AVE GAITHERSBURG, MD 20879										X		360779 0.76 MI NE
AAMCO TRANSMISSIONS 943 N FREDERICK AVE GAITHERSBURG, MD 20879									X			1650251 0.77 MI NE
PUBLIC SERVICE FACILITY 800 RABBITT RD. GAITHERSBURG, MD 20878											X	6741724 0.77 MI W
LAKE FOREST CHRYSLER PLYMOUTH 903 N. FREDERICK AVENUE GAITHERSBURG, MD 20879											X	724928 0.77 MI NE
SHEENY FORD OF GAITHERSBURG 901 N. FREDERICK AVE. GAITHERSBURG, MD 20879									X		X	149962 0.77 MI NE
LAKEFOREST CHRY-PLY 903 N FREDERICK AVE GAITHERSBURG, MD 20879										X		235721 0.77 MI NE
LAKE FOREST OLDSMOBILE 905 N. FREDERICK AVENUE GAITHERSBURG, MD 20879										X	X	235722 0.77 MI NE



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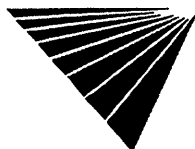
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RISK AT PROPERTIES IN THE SURROUNDING AREA (within 1/8 - 1 mile)	A		B					C			NOTES VISTA ID DISTANCE DIRECTION	
	NPL	CORRACTS(TSD)	TSD	CERCLISNFRAP	SCL	EUST	SWLF	ERNS	LG GEN	SM GEN		UST
KING LINCOLN MERCURY 953 N. FREDERICK RD. GAITHERSBURG, MD 20879											X	110253 0.78 MI NE
IBM CORP 800 N FREDERICK AVE GAITHERSBURG, MD 20879										X		5452206 0.78MI NE
GAITHERSBURG CHEVRON GAS 90 448 N FREDERICK AVE GAITHERSBURG, MD 20877										X		1937245 0.79 MI E
EXXON R/S #27571 448 N. FREDERICK GAITHERSBURG, MD 20877											X	6741433 0.79 MI E
GOODYEAR AUTO SERVICE CTR - GAITHERSBUR 457 N FREDERICK AVE GAITHERSBURG, MD 20877										X		175858 0.79 MI NE
SHELL OIL PROD CO NO 21935280301 455 N FREDERICK GAITHERSBURG, MD 20877										X		724900 0.79 MI NE
DI-LEN CORP. 455 N. FREDERICK ROAD GAITHERSBURG, MD 20877											X	4082272 0.79MI NE
EXXON S/S #2-8808 408 N. FREDERICK AVE. GAITHERSBURG, MD 20877											X	724875 0.85 MI E
LONDONDERRY TOWERS 17060 KING JAMES WAY GAITHERSBURG, MD 20877											X	5152159 0.86 MI SE
GAITHERSBURG GARAGE 112 W. DIAMOND AVENUE GAITHERSBURG, MD 20877											X	724885 0.87MI E
WASHINGTON SUB SAN COM/GAITHERSBURG GAR 112 DIAMOND AVE GAITHERSBURG, MD 20877										X		460529 0.87 MI E
V K MOTORS 25 CHESTNUT ST GAITHERSBURG, MD 20877										X		455549 0.87MI E
V K MOTORS 17 CHESTNUT ST GAITHERSBURG, MD 20877										X		6893290 0.91 MI E
SIR SPEEDY PRINTING 300 N FREDERICK AVE GAITHERSBURG, MD 20877										X		5452203 0.91 MI E
DIAMOND ELEMENTARY SCHOOL 4 MARQUIS DR. GAITHERSBURG, MD 20878											X	4084344 0.92MI SW
HECHT'S 701 RUSSELL AVENUE GAITHERSBURG, MD 20879											X	4085768 0.94 MI NE



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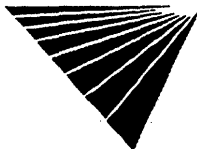
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RISK AT PROPERTIES IN THE SURROUNDING AREA (within 1/8 - 1 mile)	A		B				C				NOTES	
	NPL	CORRACTS(TSD)	TSD	CERCLIS/NFRAP	SCL	LUST	SWLF	ERIS	LG GEN	SM GEN		UST
SEARS ROEBUCK CO. 701 RUSSELL AVE. GAITHERSBURG, MD 20879											X	VISTA ID DISTANCE DIRECTION 6741520 0.94 MI NE
J. C. PENNEY CO. INC. (0273) 701 RUSSELL AVENUE GAITHERSBURG, MD 20879											X	724906 0.94 MI NE
SEARS ROEBUCK CO 701 RUSSELL AV GAITHERSBURG, MD 20879										X		724908 0.94 MI NE
STANDARD SUPPLIES INC. 4 MEEN AVENUE GAITHERSBURG, MD 20877											X	6740695 0.94 MI E
HARFORD CAR CARE T/A MIDAS 204 N. FREDERICK AVE. GAITHERSBURG, MD 20877											X	4082271 0.96 MI E



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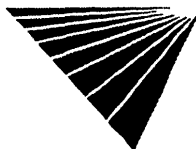
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REAL ESTATE TRANSACTION SCREEN REPORT V (WITH ALL DATABASES SEARCHED TO 1 MILE)

PROPERTY INFORMATION	CLIENT INFORMATION
Loan #/Ref #: Not Provided Map 13 Muddy Branch Road MD 20899 Latitude/Longitude: (39.123956, 77.214996)	Delwayne Becker RKK 81 Mosher Street Baltimore, MD 21217

ENVIRONMENTAL RISK SUMMARY	Property/ Adjacent Area (w/in 1/8 mi)	Sur- rounding Area (1/8-1 mi)
A) Properties in the area with Known Contamination:		
Designated for Superfund clean-up by the US EPA (NPL):	0	0
RCRA Corrective Actions (CORRACTS) and associated TSD:	0	0
B) Properties in the area with Potential Contamination:		
That treat, store, /or dispose of hazardous waste (RCRA TSD):	0	0
Under review by the US EPA (CERCLIS) or formerly under review by US EPA (NFRAP) :	0	1
Under review by the state (SCL):	0	1
With leaking underground storage tanks (LUST):	0	1
Permitted as solid waste landfills, incinerators, or transfer stations (SWLF):	0	0
C) Properties in the area with Environmentally Sensitive Business Activities:		
With previous hazardous materials spills (ERNS):	0	0
That generate large quantities of hazardous waste (RCRIS):	1	0
That generate small quantities of hazardous waste (RCRIS):	0	2
With registered underground storage tanks (UST):	0	9
<p>This report meets the ASTM standard E-1528 for standard federal and state government database research in a Transaction Screen environmental site assessment. A (-) indicates a distance not searched because it exceeds these ASTM search parameters.</p> <p>LIMITATION OF LIABILITY Customer proceeds at its own risk in choosing to rely on VISTA services, in whole or in part, prior to proceeding with any transaction. VISTA cannot be an insurer of the accuracy of the information, errors occurring in conversion of data, or for customer's use of data. VISTA and its affiliated companies, officers, agents, employees and independent contractors cannot be held liable for accuracy, storage, delivery, loss or expense suffered by customer resulting directly or indirectly from any information provided by VISTA.</p>		



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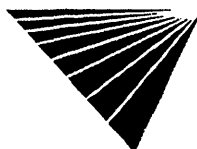
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REAL ESTATE TRANSACTION SCREEN REPORT V (WITH ALL DATABASES SEARCHED TO 1 MILE)

RISK INVENTORY

RISK AT PROPERTY AND THE ADJACENT AREA (within 1/8 mile)	A		B				C				NOTES	
	NPL	CORRACTS(TSD)	TSD	CERCLIS/INFRAP	SCL	LUST	SWLF	ERNS	LG GEN	SM GEN		UST
USDC NATL INSTITUTE OF STDS TECH RTE 1270 QUNICE ORCHARD BLVD GAITHERSBURG, MD 20899									X			VISTA ID DISTANCE DIRECTION 3684227 0.00MI

RISK AT PROPERTIES IN THE SURROUNDING AREA (within 1/8 - 1 mile)	A		B				C			NOTES		
	NPL	CORRACTS(TSD)	TSD	CERCLIS/NFRAP	SCL	LUST	SWLF	ERNS	LG GEN		SM GEN	UST
GOVERNOR SQUARE APARTMENTS 415 MUDDY BRANCH ROAD GAITHERSBURG, MD 20878											X	4083857 0.17 MI NE
SUBURBAN PARK VILLAGE APTS. 25 SCHOOL DR. GAITHERBURG, MD 20878											X	6741823 0.28 MI S
SUBURBAN PARK VILLAGE APTS. 25 SCHOOL DRIVE GAITHERSBURG, MD 20878						X						4086583 0.32 MI S
FIELDS RD. ELEMENTARY #1 SCHOOL DR. GAITHERSBURG, MD 20878											X	4086581 0.34 MI SW
SHADY GROVE REC. ASSOC. 10 SCHOOL DRIVE GAITHERSBURG, MD 20878											X	4086582 0.35 MI SW
NAT'L INSTITUTE OF STANDARD TECHNOLOGY INTERSTATE 270 QUINCE ORCHARDS BLDG. GAITHERSBURG, MD 20899				X	X							2273199 0.60 MI N
WASHINGTONIAN OFFICE TOWER 9801 WASHINGTONIAN BOULEVARD GAITHERSBURG, MD 20878											X	5816029 0.61 MI SE
FIRESIDE PARKING LOT 116 DUVALL LANE GAITHERSBURG, MD 20877											X	4081852 0.64 MI NE
OAKWOOD APARTMENTS 9890 WASHINGTONIAN BOULEVARD GAITHERSBURG, MD 20878											X	4087928 0.66 MI SE



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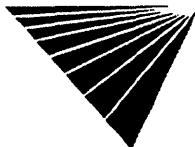
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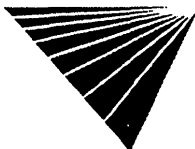
RISK AT PROPERTIES IN THE SURROUNDING AREA (within 1/8 - 1 mile)	A		B				C			NOTES		
	NPL	CORRACTS(TSD)	TSD	CERCLIS/FRAP	SCL	LUST	SWLF	ERNS	LG GEN		SM GEN	UST
WEST DEER PARK APARTMENTS 72A W. DEER PARK ROAD GAITHERSBURG, MD 20877											X	4081806 0.82 MI NE
LONDONDERRY TOWERS 17060 KING JAMES WAY GAITHERSBURG, MD 20877											X	5152159 0.83 MI NE
PENRIL DATACOMM NETWORKS INC 1300 QUINCE ORCHARDS BLVD GAITHERSBURG, MD 20878										X		4877912 0.91 MI NW
BOEHRINGER MANNHEIM PHARMACEUT 101 ORCHARD RIDGE DR. GAITHERSBURG, MD 20878										X		5180263 1.00 MI W



REAL ESTATE TRANSACTION SCREEN REPORT V (WITH ALL DATABASES SEARCHED TO 1 MILE)

PROPERTY INFORMATION	CLIENT INFORMATION
Loan #/Ref #: Not Provided Map 14 South Frederick Avenue MD 20877 Latitude/Longitude: (39.122377, 77.178027)	Delwayne Becker RKK 81 Mosher Street Baltimore, MD 21217

ENVIRONMENTAL RISK SUMMARY	Property/ Adjacent Area (w/in 1/8 mi)	Sur- rounding Area (1/8-1 mi)
A) Properties in the area with Known Contamination:		
Designated for Superfund clean-up by the US EPA (NPL):	0	0
RCRA Corrective Actions (CORRACTS) and associated TSD:	0	0
B) Properties in the area with Potential Contamination:		
That treat, store, /or dispose of hazardous waste (RCRA TSD):	0	0
Under review by the US EPA (CERCLIS) or formerly under review by US EPA (NFRAP) :	0	0
Under review by the state (SCL):	0	0
With leaking underground storage tanks (LUST):	0	2
Permitted as solid waste landfills, incinerators, or transfer stations (SWLF):	1	0
C) Properties in the area with Environmentally Sensitive Business Activities:		
With previous hazardous materials spills (ERNS):	0	0
That generate large quantities of hazardous waste (RCRIS):	0	14
That generate small quantities of hazardous waste (RCRIS):	3	41
With registered underground storage tanks (UST):	4	52
This report meets the ASTM standard E-1528 for standard federal and state government database research in a Transaction Screen environmental site assessment. A (-) indicates a distance not searched because it exceeds these ASTM search parameters.		
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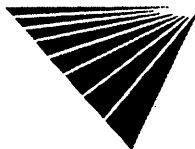


REAL ESTATE TRANSACTION SCREEN REPORT V (WITH ALL DATABASES SEARCHED TO 1 MILE)

RISK INVENTORY

RISK AT PROPERTY AND THE ADJACENT AREA (within 1/8 mile)	A		B				C			NOTES		
	NPL	CORRACTS(TSD)	TSD	CERCLIS/NFRAP	SCL	LUST	SWLF	ERNS	LG GEN		SM GEN	UST
MONTGOMERY COUNTY TRANSFER STATION RT. 355 SHADY GROVE ROAD ROCKVILLE, MD 20850							X					6523322 0.00 MI NA
AMOCO STATION #497 16210 S. FREDERICK AVE. DERWOOD, MD 20855										X	X	3093985 0.01 MI SE
KING PONTIAC-GMC INC. 16200 S. FREDERICK AVE. DERWOOD, MD 20855										X	X	229169 0.01 MI SE
SEYCAM CLEANERS 16246 FREDERICK RD DERWOOD, MD 20855										X		5452211 0.04 MI SE
ROCK GROVE ASSOCIATES 16220 FREDERICK RD. DERWOOD, MD 20855											X	724905 0.09 MI SE
SEARS LOGISTICS SERVICES 16401 SHADY GROVE ROAD GAITHERSBURG, MD 20877											X	4086650 0.12 MI NE

RISK AT PROPERTIES IN THE SURROUNDING AREA (within 1/8 - 1 mile)	A		B				C			NOTES		
	NPL	CORRACTS(TSD)	TSD	CERCLIS/NFRAP	SCL	LUST	SWLF	ERNS	LG GEN		SM GEN	UST
ALLSTATE LEASING INC. 16045 SHADY GROVE ROAD GAITHERSBURG, MD 20877											X	VISTA ID DISTANCE DIRECTION 4086649 0.20 MI SW
DATA MEASUREMENTS INC 8605 GROVEMONT CIRCLE GAITHERSBURG, MD 20877										X		114131 0.29 MI N
U.S. POSTAL SERVICE 16501 SHADY GROVE ROAD GAITHERSBURG, MD 20877											X	5152441 0.30 MI NE
US POSTAL SERVICE VEHICLE MAINT FAC 16501 SHADY GROVE RD GAITHERSBURG, MD 20877										X		448127 0.30 MI NE



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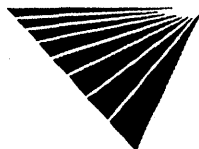
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RISK AT PROPERTIES IN THE SURROUNDING AREA (within 1/8 - 1 mile)	A		B					C			NOTES	
	NPL	CORRACTS(TSD)	TSD	CERCLIS/NFRAP	SCL	LUST	SWLF	ERNS	LG GEN	SM GEN		UST
US POSTAL SVC VEHICLE MAINTENANCE FAC 16501 SHADY GROVE RD GAITHERSBURG, MD 20877										X		4964669 0.30 MI NE
LIFE TECHNOLOGIES INC 8717 GROVEMONT CIR GAITHERSBURG, MD 20877									X			46167 0.31 MI NE
LIFE TECHNOLOGIES INC. 8717 GROVEMONT CIRCLE GAITHERSBURG, MD 20877											X	4082772 0.31 MI NE
US ARMY RESEARCH LAB 8705 GROVEMONT CIR GAITHERSBURG, MD 20877									X			6894697 0.32 MI NE
ROSEMONT ELEMENTARY SCHOOL 16400 ALDEN AVENUE GAITHERSBURG, MD 20877											X	4876470 0.33 MI W
MONTGOMERY COUNTY TRANSFER STATION 16101 FREDERICK AVE DERWOOD, MD 20855									X			282609 0.33 MI SE
SOLID WASTE TRANSFER STATION 16101 FREDERICK RD. DERWOOD, MD 20855											X	5964062 0.33 MI SE
LAIDLAW ENVIRONMENTAL SERVICES (TS) INC 16101 FREDERICK DERWOOD, MD 20855										X		3677687 0.33 MI SE
DIGENE DIAGNOSTICS INC 8663 GROVEMONT CIRCLE GAITHERSBURG, MD 20877										X		1649888 0.33 MI N
SHADY GROVE INDUSTRIAL 8500 GROVEMONT CIRCLE GAITHERSBURG, MD 20877											X	4082771 0.33 MI N
COMPRINT INC 9030 COMPRINT COURT GAITHERSBURG, MD 20877										X		96648 0.35 MI SW
SPECIFIED WOODWORKING CORP 9025 COMPINT CT GAITHERSBURG, MD 20877										X		3954599 0.36 MI W
GLEN CONSTRUCTION CO. INC. 9055 COMPRINT COURT GAITHERSBURG, MD 20877											X	534783 0.38 MI W
WILCOXON RESEARCH INC 2096 GAITHER RD DERWOOD, MD 20855									X			469666 0.39 MI SW
ANTECH CONSULTANTS INC 2096 GAITHER RD DERWOOD, MD 20855										X		23137 0.39 MI SW
SAVIN CORPORATION 8544 ANNIVERSARY CIRCLE GAITHERSBURG, MD 20877										X		3954549 0.39 MI N



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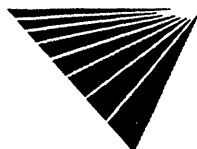
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RISK AT PROPERTIES IN THE SURROUNDING AREA (within 1/8 - 1 mile)	A		B					C			NOTES	
	NPL	CORRACTS(TSD)	TSD	CERCLIS/NFAP	SCL	LUST	SWLF	ERNS	LG GEN	SM GEN		UST
WILLIAMS, PAUL B INC 8544 ANNIVERSARY CIR GAITHERSBURG, MD 20877									X			470751 0.39 MI N
SAVIN CORP 2098 GAITHER RD DERWOOD, MD 20855									X			368970 0.39 MI SW
DAMA TELECOMMUNICATIONS CORP. 2098 GAITHER RD. DERWOOD, MD 20855											X	724600 0.39MI SW
EXXON STATION #2-7470 16425 FREDERICK RD. GAITHERSBURG, MD 20879											X	724407 0.42 MI NW
BIALEK MEDICAL 9075 COMPRINT CT. GAITHERSBURG, MD 20877											X	4081241 0.42 MI W
ELECTRO MECHANICAL SERVICES INC 16616 OAKMONT AVENUE GAITHERSBURG, MD 20877									X			136793 0.43 MI NE
CASEY COMMUNITY CENTER 810 S. FREDERICK AVENUE GAITHERSBURG, MD 20877											X	724876 0.43 MI NW
HOLIDAY MOTEL 807 S. FREDERICK AVE. GAITHERSBURG, MD 20877											X	4082280 0.44MI NW
L J. ENTERPRISES. INC. 9035 GARTHER RD. GAITHERSBURG, MD 20877											X	724881 0.44 MI SW
SHADY GROVE CLEANERS 9035 GAITHER RD GAITHERSBURG, MD 20877										X		375288 0.44MI SW
BROOMALL PRINTING CORP 9123 GAITHER RD GAITHERSBURG, MD 20877										X		59255 0.48 MI SW
HEKIMIAN LABORATORIES INC 8435 HELGERMAN CT GAITHERSBURG, MD 20877									X			191602 0.50 MI N
PEPTIDE TECHNOLOGIES CORP 8401 HELGERMAN COURT GAITHERSBURG, MD 20877										X		4877250 0.50 MI N
PATTON PRINTING 9109 INDUSTRIAL CT GAITHERSBURG, MD 20877										X		7248624 0.50 MI W
BRAKE SHOP INC, THE 9156 GAITHER RD GAITHERSBURG, MD 20877										X		5648026 0.51 MI SW
BRANDEL INC 8561 ATLAS DR GAITHERSBURG, MD 20877										X		3172781 0.52 MI N



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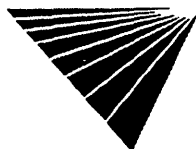
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RISK AT PROPERTIES IN THE SURROUNDING AREA (within 1/8 - 1 mile)	A		B					C				NOTES
	NPL	CORRACTS(TSD)	TSD	CERCLIS/NFRAP	SCL	LUST	SWLF	ERNS	LG GEN	SM GEN	UST	
CROWN STATION MD-089 15830 SHADY GROVE RD GAITHERSBURG, MD 20877										X		1650698 0.61 MI SW
KODAK PROCESSING LABORATORY 1 CHOKE CHERRY RD DERWOOD, MD 20855										X		231492 0.61 MI SW
SCIENCE APPLICATIONS INT CORP 3 CHOKE CHERRY ROAD DERWOOD, MD 20855										X		371171 0.61 MI SW
SHADY GROVE DEPOT 16651 CRABBS BRANCH WAY DERWOOD, MD 20855											X	724615 0.61 MI NE
MONTGOMERY COUNTY SCHOOL MAINT DIV 16651 CRABBS BRANCH WAY DERWOOD, MD 20855										X		1937038 0.61 MI NE
REED BROTHERS DODGE INC. 15955 FREDERICK RD. DERWOOD, MD 20855						X			X		X	349648 0.61 MI SE
BALMAR PRINTING INC 16780 OAKMONT AVE GAITHERSBURG, MD 20877										X		36874 0.62 MI N
HUGHES NETWORK SYSTEMS 16060 INDUSTRIAL DR GAITHERSBURG, MD 20877									X			6510325 0.63 MI W
EXXON STATION #2-8260 16705 CRABBS BRANCH WAY DERWOOD, MD 20855											X	724768 0.63 MI NE
GUMPERT, FRANK PRINTING 9311 GAITHER RD GAITHERSBURG, MD 20877										X		183738 0.63 MI SW
OAKMONT AUTO BODY 8509 CITATION DR GAITHERSBURG, MD 20877										X		357550 0.63 MI N
SHADY GROVE S.O.C. (07109) 9321 GAITHER ROAD GAITHERSBURG, MD 20877											X	724888 0.63 MI SW
NIH/DL PROPERTY WAREHOUSE 16050 INDUSTRIAL DR GAITHERSBURG, MD 20877										X		6637738 0.63 MI W
DENRO INC 9318 GAITHER RD GAITHERSBURG, MD 20877										X		1649891 0.64 MI SW
G.L. CORNELL CO. 16031 INDUSTRIAL DR. GAITHERSBURG, MD 20877										X	X	724895 0.64 MI W
RIEGER COMMUNICATIONS INC 16027 INDUSTRIAL DR GAITHERSBURG, MD 20877										X		6510324 0.64 MI W



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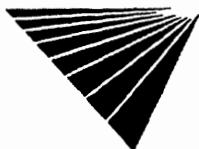
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RISK AT PROPERTIES IN THE SURROUNDING AREA (within 1/8 - 1 mile)	A		B				C			NOTES		
	NPL	CORRACTS(TSD)	TSD	CERCLIS/INFRAP	SCL	LUST	SWLF	ERNS	LG GEN		SM GEN	UST
GROVE CLEANERS 16829 CRABBS BRANCH WAY DERWOOD, MD 20855										X	X	181712 0.65 MI NE
GENEX CORPORATION 16020 INDUSTRIAL DR. GAITHERSBURG, MD 20877											X	724893 0.66 MI W
IGEN INC 16020 INDUSTRIAL DR GAITHERSBURG, MD 20877										X		5452254 0.66 MI W
CHEMGEN CORPORATION 16016 INDUSTRIAL DR GAITHERSBURG, MD 20877										X		3094151 0.66 MI W
FEDERAL EXPRESS CORP. 16001 INDUSTRIAL DRIVE GAITHERSBURG, MD 20877											X	724922 0.67 MI W
TDD MD LLC 16010 INDUSTRIAL DR GAITHERSBURG, MD 20877										X		6894997 0.67 MI W
CHESAPEAKE PETROLEUM SUPPLY 16821 OAKMONT AVENUE GAITHERSBURG, MD 20877											X	4084721 0.67 MI N
SCIENCE APPLICATIONS CO INC 16835 OAKMONT AVENUE GAITHERSBURG, MD 20877										X		371165 0.68 MI N
GAITHERSBURG UPS 9401 GAITHER ROAD GAITHERSBURG, MD 20877											X	4082795 0.70 MI W
SHELL - C. W. P. INC. 623 S. FREDERICK AVE. GAITHERSBURG, MD 20877											X	1937247 0.71 MI NW
ANIMAL CARE INC. T/A ANIMAL INN 15820 REDLAND RD. DERWOOD, MD 20855											X	724769 0.71 MI SE
ROBERTS OXYGEN CO. INC. 15830 REDLAND RD. DERWOOD, MD 20855											X	527204 0.71 MI SE
MONTGOMERY TRANSMISSIONS 15872 REDLAND RD DERWOOD, MD 20855										X		3472798 0.72 MI SE
WASHINGTON METROPOLTAN AREA TRANSIT AUT 15903 SOMMERVILLE DR DERWOOD, MD 20855									X			3954834 0.73 MI SE
TRITON ENGINEERING INC 16879 OAKMONT AVE GAITHERSBURG, MD 20877										X		431433 0.73 MI N
SEMIX INC 15801 GAITHER RD GAITHERSBURG, MD 20877									X			3954669 0.74 MI W



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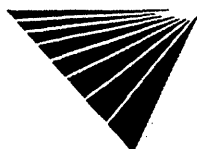
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RISK AT PROPERTIES IN THE SURROUNDING AREA (within 1/8 - 1 mile)	A		B					C			NOTES	
	NPL	CORRACTS(TSD)	TSD	CERCLIS/FRAP	SCL	LUST	SWLF	ERMS	LG GEN	SM GEN		UST
SHADY GROVE SI FACILITY 15903 SOMERVILLE DR. DERWOOD, MD 20855											X	4086842 0.74 MI SE
BECHTEL POWER CORP. 15740 SHADY GROVE RD. GAITHERSBURG, MD 20877											X	724898 0.74 MI SW
WASHINGTON GROVE ELEMENTARY 8712 OAKMONT STREET GAITHERSBURG, MD 20877											X	4877711 0.75 MI N
TEXACO 15730 SHADY GROVE RD. GAITHERSBURG, MD 20877											X	724413 0.75 MI SW
DATA MEASUREMENT CORP 15884 GAITHER DR GAITHERSBURG, MD 20877										X		114130 0.76 MI SW
EAST COAST BILLING CENTER 15800 GAITHER DRIVE STE. 110 GAITHERSBURG, MD 20877											X	6741942 0.76 MI SW
FIELDS CHEVRON 275 FIELD SHADY GROVE RD. , MD						X						5299991 0.80 MI SW
CHEVRON USA INC. 275 FIELDS RD. SHADY GROVE GAITHERSBURG, MD 20878											X	724920 0.80 MI SW
7-ELEVEN #23693 15821 FREDERICK ROAD DERWOOD, MD 20855										X	X	4154507 0.82 MI SE
CABLE TV MONTGOMERY 17011 RAILROAD ST. GAITHERSBURG, MD 20877											X	4085718 0.83 MI N
ROBERTS OXYGEN CO. INC. 17011 RAILROAD STREET GAITHERSBURG, MD 20877											X	5307698 0.83 MI N
CROWN STATION MD-091 15805 FREDERICK RD. DERWOOD, MD 20855										X	X	724771 0.84 MI SE
ROCKVILLE BARRACK 'N' 15 E. DEER PARK AVENUE GAITHERSBURG, MD 20877											X	4876968 0.85 MI NW
RICHARD V. BARR 15805 PARAMOUNT DRIVE DERWOOD, MD 20855											X	724776 0.89MI E
OLD GAITHERSBURG SITE 225 E. DEER PARK DRIVE GAITHERSBURG, MD 20877											X	4876969 0.90MI N
CHEMLAWN SERVICES CORPORATION 227 E. DEER PARK DRIVE GAITHERSBURG, MD 20877											X	4081807 0.90 MI N



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

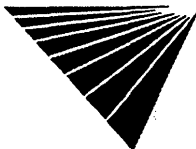
Report ID: 022414901

Version 2.6

Date of Report: September 4, 1998

Page #8

RISK AT PROPERTIES IN THE SURROUNDING AREA (within 1/8 - 1 mile)	A		B					C				NOTES
	NPL	CORRACTS(TSD)	TSD	CERGLIS/FRAP	SCL	LUST	SWLF	ERNS	LG GEN	SM GEN	UST	
GWL PROPERTIES INC. 1390 PICCARD DRIVE ROCKVILLE, MD 20850											X	VISTA ID 5815911 DISTANCE 0.95 MI DIRECTION S
TEXACO 15701 FREDERICK RD. DERWOOD, MD 20855											X	724595 0.97 MI SE
SHELL SERVICE STATION I-270 FIELDS RD. GAITHERSBURG, MD 20760											X	4082178 0.99 MI SW



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

Report ID: 022414901
Version 2.6

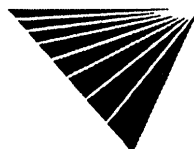
Date of Report: September 4, 1998
Page #9

REAL ESTATE TRANSACTION SCREEN REPORT V (WITH ALL DATABASES SEARCHED TO 1 MILE)

RISK INVENTORY

RISK AT PROPERTY AND THE ADJACENT AREA (within 1/8 mile)	A		B				C			NOTES	VISTA ID DISTANCE DIRECTION
	NPL	CORRACTS(TSD)	TSD	CERCLIS/NFRAP	SCL	LUST	SWLF	ERNS	LG GEN		
No Records Found											

RISK AT PROPERTIES IN THE SURROUNDING AREA (within 1/8 - 1 mile)	A		B				C			NOTES		
	NPL	CORRACTS(TSD)	TSD	CERCLIS/NFRAP	SCL	LUST	SWLF	ERNS	LG GEN		SM GEN	UST
CELLMARK DIAGNOSTICS 20271 GOLDENROD LN SUITE 120 GERMANTOWN, MD 20876										X		75098 0.26 MI NE
GERMANTOWN COUNTRY CLUB 20030 CENTURY BLVD. GERMANTOWN, MD 20874											X	1937026 0.28 MI W
PHASE III AUTO BODY 19951 AIRCRAFT DR GERMANTOWN, MD 20874										X		328217 0.29 MI W
AMOCO #401-TANKS 19911 AIRCRAFT DT GERMANTOWN, MD 20874										X		3472663 0.30 MI W
AMOCO STATION #401 19911 AIRCRAFT DR. GERMANTOWN, MD 20874											X	3093564 0.30 MI W
EXXON R/S #27409 19815 GERMANTOWN RD. GERMANTOWN, MD 20874											X	4877181 0.38 MI SW
GERMANTOWN FIRE STATION #29 20100 AIRCRAFT DRIVE GERMANTOWN, MD 20874											X	4876508 0.38 MI W
GERMANTOWN POLICE STATION 20000 AIRCRAFT DRIVE GERMANTOWN, MD 20874											X	5151904 0.46 MI W
7 ELEVEN NO 27669 19786 CRYSTAL ROCK DR GERMANTOWN, MD 20874										X		7248609 0.49 MI W



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

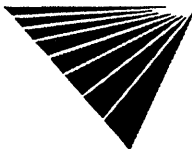
Report ID: 022415901

Version 2.6

Date of Report: September 4, 1998

Page #2

RISK AT PROPERTIES IN THE SURROUNDING AREA (within 1/8 - 1 mile)	A		B					C			NOTES	
	NPL	CORRACTS(TSD)	TSD	CERCLIS/MFRAP	SCL	LUST	SWLF	ERNS	LG GEN	SM GEN		UST
✓ SHERMAN FAIRCHILD TECH. CENTER 20301 CENTURY BLVD. GERMANTOWN, MD 20874									X		X	147469 0.56 MI NW
ROBERT HAWKINS SOD FARMS 12211 MIDDLEBROOK RD. GERMANTOWN, MD 20874											X	724855 0.56 MI S
PEPTIDE DESIGN L P 12321 MIDDLEBROOK RD STE 210 GERMANTOWN, MD 20874										X		325622 0.57 MI S
MONTGO COLLEGE-BOARD OF TRUSTEES 20200 OBSERVATION DRIVE GERMANTOWN, MD 20876											X	724849 0.61 MI NE
SIR SPEEDY PRINTING CENTER 12401 MIDDLEBROOK RD GERMANTOWN, MD 20874									X			5452290 0.61 MI S
HUGHES BETWORK SYSTEM 11717 EXPLORATION LANE GERMANTOWN, MD 20876											X	6740561 0.63 MI SE
HUGHES NETWORK SYSTEMS INC 11717 EXPLORATION LN GERMANTOWN, MD 20876									X			3954643 0.63 MI SE
BEN LEWIS INC. 20220 FREDERICK RD. GERMANTOWN, MD 20876											X	724853 0.69 MI E
SENECA VALLEY HIGH SCHOOL 12700 MIDDLEBROOK ROAD GERMANTOWN, MD 20874											X	4877475 0.71 MI SW
EXXON # 23768 RTE 355 MIDDLEBROOK GERMANTOWN, MD 20874											X	5307448 0.71 MI SW
SLAN ANDERSON T/A RIAN 13054 MIDDLEBROOK RD GERMANTOWN, MD 20874										X		383609 0.72 MI SW
EXXON S/S #2-8262 12918 MIDDLEBROOK RD. GERMANTOWN, MD 20874											X	724844 0.79 MI W
UPPER COUNTY GOVERNMENT CENTER 12900 MIDDLEBROOK ROAD GERMANTOWN, MD 20874											X	4877476 0.81 MI W
MOBIL OIL CORP SS# B55 20650 FREDERICK RD GERMANTOWN, MD 20876										X		3093988 0.83 MI NE
MALEK PROPERTIES (ABLE AUTO SVC) 20510 FREDERICK ROAD GERMANTOWN, MD 20876											X	4082317 0.84 MI NE
GIANT FOOD STORE #191 19721 N. FREDERICK ROAD GERMANTOWN, MD 20876											X	4082316 0.84 MI E



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

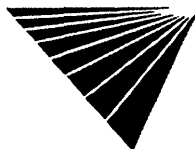
Report ID: 022415901

Version 2.6

Date of Report: September 4, 1998

Page #3

RISK AT PROPERTIES IN THE SURROUNDING AREA (within 1/8 - 1 mile)	A		B				C			NOTES		
	NPL	CORRACTS(TSD)	TSD	CERCLIS/NFRAP	SCL	LUST	SWLF	ERNS	LG GEN		SM GEN	UST
FOX CHAPEL CLEANERS 19729 FREDERICK AVE GERMANTOWN, MD 20876										X		VISTA ID 158070 DISTANCE 0.84 MI DIRECTION E
GIANT FOOD STORE #169 13060 MIDDLEBROOK RD. GERMANTOWN, MD 20874											X	724416 0.90 MI W
FOX CHAPEL 19315 ARCHDALE RD. GERMANTOWN, MD 20876											X	4080044 0.90 MI SE
J. R. ASSOCIATES 19600 FREDERICK ROAD GERMANTOWN, MD 20876											X	4082315 0.91 MI SE
19515 FREDERICK ROAD GERMANTOWN, MD 20876								X				224003604 0.92 MI SE
19515 FREDERICK RD LOT 113 GERMANTOWN, MD 20876								X				200204058 0.92 MI SE
PVT. CITIZEN 19515 FREDERICK RD. LOT 113 GERMANTOWN, MD 20876								X				200205650 0.92 MI SE
GERMANTOWN POSTAL SERVICE 12774 WISTERIA DRIVE GERMANTOWN, MD 20874											X	5616694 0.95 MI SW
MONTROSE AMC/JEEP/RENAULT INC. 19560 FREDERICK RD. GERMANTOWN, MD 20876										X	X	282897 0.95 MI SE
NEELSVILLE PRESBYTERIAN CHURCH 20701 FREDERICK ROAD GERMANTOWN, MD 20876											X	4082318 0.98 MI NE



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

Report ID: 022415901

Version 2.6

Date of Report: September 4, 1998

Page #4

Appendix D

SELECTED MDE CASE FILE DOCUMENTS



Rummel,
Klepper
& Kahl, LLP

Edward F. Rummel
(Partner 1946-1962)
Howard S. Klepper
(Partner 1946-1968)
William R. Kahl
(Partner 1947-1981)

William K. Hellmann
David W. Wallace
Stephen W. Kagay
Robert J. Halbert
Stephen G. Zentz

Charles M. Easter, Jr.
John G. Mintiens
Joseph A. Romanowski, Jr.
Michael L. Krupsaw
James A. Zito
David W. Plum
Geoffrey V. Kolberg
Lars E. Hill
J. Tommy Peacock, Jr.
Michael W. Myers
Martin C. Rodgers
John S. Ross
Kenneth A. Goon
Gregory J. Lebo
Joseph T. Kavanagh
Richard J. Adams, Jr.
John A. d'Epagnier
Barbara J. Hoage
Christopher F. Wright
Owen L. Peery

81 Mosher Street
Baltimore, Maryland
21217-4250
Ph: 410-728-2900
Fax: 410-728-2992
www.rkkengineers.com

Baltimore, MD
Raleigh, NC
Virginia Beach, VA
Richmond, VA
New Cumberland, PA
Norristown, PA
Washington, D.C.

December 15, 1998

Mr. Donald W. Mauldin
Freedom of Information Act Liaison
Hazardous and Solid Waste Management Administration
Maryland Department of the Environment
2500 Broening Highway
Baltimore, Maryland 21224

Reference: I-270/US 15 Multi-Modal Corridor Study

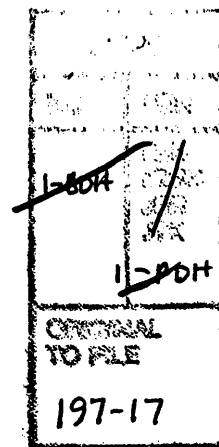
Dear Mr. Mauldin:

Rummel, Klepper & Kahl, LLP (RK&K) is conducting a Phase I - Initial Site Assessment (ISA) for the Maryland State Highway Administration and Mass Transit Administration as part of the I 270/US 15 Multi-Modal Corridor Study. The purpose of the study is to investigate options to relieve congestion and improve safety conditions along the I-270/US 15 Corridor due to existing and projected growth within the corridor. The study area extends along I-270/US 15 from the Shady Grove Station in Montgomery County north to Briggs Ford Road in Frederick County.

To facilitate completion of this ISA, we would appreciate any information the Maryland Department of the Environment (MDE), Hazardous and Solid Waste Management Administration may maintain regarding the environmental conditions of this area. Information you may have regarding underground storage tanks, spills, fires or other incidents involving waste, hazardous materials or petroleum products would be of special interest.

The following address information regarding the facilities in question is provided to facilitate MDE's record search:

- Exxon Station
8816 Fingerboard Road
Frederick, MD 21704
- Exxon Station
5516 Buckeystown Pike
Frederick, MD 21704
- Reed Bros. Dodge, Inc.
15955 Frederick Road
Derwood, MD 20855
- Abandoned Service Station
(Near) 8700 Fingerboard Road
Urbana, MD 21701
- Texaco Station
15730 Shady Grove Road
Gaithersburg, MD 20877
- Chevron USA, Inc.
275 Fields Road
Gaithersburg, MD 20878
- MD State Highway
Administration
502 Quince Orchard Road
Gaithersburg, MD 20878





Rummel, Klepper & Kahl, LLP

Maryland Department of the Environment
December 15, 1998
Page 2

Should you have any questions regarding this request, please do not hesitate to call Mr. Patrick D. Hager, P.E. at (410) 728-2900. We thank you in advance for your cooperation.

Very truly yours,

RUMMEL, KLEPPER & KAHL, LLP

A handwritten signature in black ink, appearing to read 'Michael W. Myers'.

Michael W. Myers, P.E.
Associate

MWM/PDH:ww
197-17-1.F

cc: Anne Elrays, SHA Project Planning Division

E:\USERS\WILLIAMS\197-17\MDE1.215



Rummel,
Klepper
& Kahl, LLP

Edward F. Rummel
(Partner 1946-1962)
Howard S. Klepper
(Partner 1946-1968)
William R. Kahl
(Partner 1947-1981)

William K. Hellmann
David W. Wallace
Stephen W. Kagay
Robert J. Halbert
Stephen G. Zentz

Charles M. Easter, Jr.
John G. Mintiens
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Michael L. Krupsaw
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Gregory J. Lebo
Joseph T. Kavanagh
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John A. d'Epagnier
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81 Mosher Street
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Ph: 410-728-2900
Fax: 410-728-2992
www.rkkengineers.com

Baltimore, MD
Raleigh, NC
Virginia Beach, VA
Richmond, VA
New Cumberland, PA
Norristown, PA
Washington, D.C.

December 15, 1998

Ms. Shirley Fairbank, Section Head
Oil Control Program
Data Resource Section
Maryland Department of the Environment
2500 Broening Highway
Baltimore, Maryland 21224

Reference: I-270/US 15 Multi-Modal Corridor Study

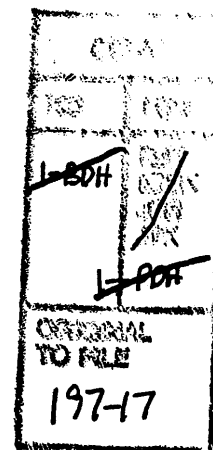
Dear Ms. Fairbank:

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To facilitate completion of this ISA, we would appreciate any information the Maryland Department of the Environment (MDE), Oil Control Program may maintain regarding the environmental conditions of this area. Information you may have regarding underground storage tanks, spills, fires or other incidents involving waste, hazardous materials or petroleum products would be of special interest.

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Frederick, MD 21704
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Frederick, MD 21704
- Reed Bros. Dodge, Inc.
15955 Frederick Road
Derwood, MD 20855
- Abandoned Service Station
(Near) 8700 Fingerboard Road
Urbana, MD 21701
- Texaco Station
15730 Shady Grove Road
Gaithersburg, MD 20877
- Chevron USA, Inc.
275 Fields Road
Gaithersburg, MD 20878
- MD State Highway
Administration
502 Quince Orchard Road
Gaithersburg, MD 20878





Rummel, Klepper & Kahl, LLP

Maryland Department of the Environment
December 15, 1998
Page 2

Should you have any questions regarding this request, please do not hesitate to call Mr. Patrick D. Hager at (410) 728-2900. We thank you in advance for your cooperation.

Very truly yours,

RUMMEL, KLEPPER & KAHL, LLP

A handwritten signature in cursive script, appearing to read 'Michael W. Myers'.

Michael W. Myers, P.E.
Associate

MWM/PDH:ww

197-17-1.F

cc: Anne Elrays, SHA Project Planning Division

E:\USERS\WILLIAMS\197-17\1215FAIR.WPD



MARYLAND DEPARTMENT OF THE ENVIRONMENT
2500 Broening Highway • Baltimore, Maryland 21224
(410) 631-3000

Parris N. Glendening
Governor

JAN 21 1999

Jane T. Nishida
Secretary

Requester:

MICHAEL W MYERS
RUMMEL, KLEPPER & KAHL
81 MOSHER STREET
BALTIMORE, MD 21217
PIA# 98-13876- EXXON STATION, REED BROS

RE:

This is in response to your request for information from the Maryland Department of the Environment, Waste Management Administration.

- ☐ (1) No information or data is found for the referenced request on routine search of Administration files.
- ☒ (2) Information and data responsive to your request is enclosed.
- ☐ (3) No further information or data is found on routine search of files.
- ☐ (4) Information and data is available on the referenced request. Please call the telephone number above between 8:30 a.m. and 4:30 p.m. if you wish to make an appointment to inspect the files or call and state that you wish to have documents collected, photocopied and mailed to you at your expense.
- ☐ (5) Our bill for services rendered _____ is enclosed/_____ will be sent under separate cover. See itemization below.
- ☐ (6) Search was limited to the following Divisions or Programs:

- ☐ (7) Based on the limited information you provided, we cannot make an accurate search of our records. This administration does not index records according to vicinities or tax-parcel map designations. If you have an inquiry about a particular facility and this Administration maintains records on such a facility, then you may, upon request, review all portions of that file which are considered public information.
- ☐ (8) Please see attachment.
- ☐ (9) Note:

Search: _____

Copying: _____

Mailing fee: _____

TOTAL: _____

RECEIVED

JAN 25 1999

RUMMEL-KLEPPER & KAHL

COPY	
NO	FOR
	RJH MWM JSR JTK
ORIGINAL TO FILE	

Donald W. Mauldin

Donald W. Mauldin
Public Information Act Coordinator
Waste Management Administration

96-2413FR



3006489FRKC

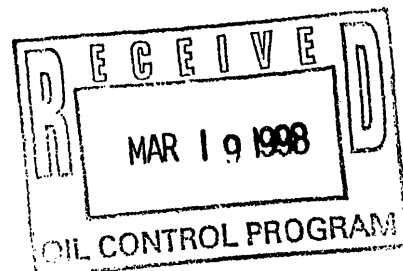
RH

HANDEX OF MARYLAND, INC., 360 Morgan Road, P.O. Box 290, Odenton, MD 21113-0290 (410) 674-3200

March 13, 1998

Mr. Herbert M. Meade
Maryland Department of the Environment - Oil Control Program
2500 Broening Highway
Baltimore, Maryland 21224

Re: Environmental Case Closure
Exxon RAS #2-6583
5516 Buckeystown Pike
Frederick, Maryland



Dear Mr. Meade:

In June, July, and August 1997, the Exxon station RAS #2-6583 at 5516 Buckeystown Pike in Frederick, Maryland was demolished and rebuilt (D and R). During these renovations, the following tasks were completed.

Handex

- installed monitoring well MW-4 (boring log attached);
- documented the removal of two 1,000-gallon underground storage tanks (UST) and three gasoline USTs (one 4,000-gallon and two 8,000-gallon);
- documented the removal of the product lines;
- documented the removal of the former septic vaults and a potable water system;
- installed and monitored a water treatment system for de-watering while the tank field was uncovered - 17,000 gallons of fluid from the tank field and monitoring wells were pumped, treated, and discharged.

Exxon's General Contractor (Hopkins and Wayson):

- installed an electronic leak detection system and over-spill protection
- excavated 1,284 tons of soil that was removed from the site and disposed of at Soil Safe;
- excavated the two 1,000-gallon UST;
- excavated and replaced three gasoline USTs (one 4,000-gallon and two 8,000-gallon);
- excavated and replaced the product lines;
- removed the former septic vaults and a potable water system;
- abandoned the supply well associated with the potable water system.

A Tank Excavation Assessment (TEA) report summarizing Handex's tasks was submitted on October 29, 1997 under a separate cover. Following the completion of the TEA activities, monitoring wells MW-2 and MW-4 were developed to remove construction debris and ground water samples were collected from MW-2, MW-3, and MW-4. MW-1 was lost/destroyed during D and R activities. A site plan, a contoured ground water table elevations map, the first quarter 1998 ground water sampling results, the boring log for MW-4, and a historical ground water analytical results table are attached.

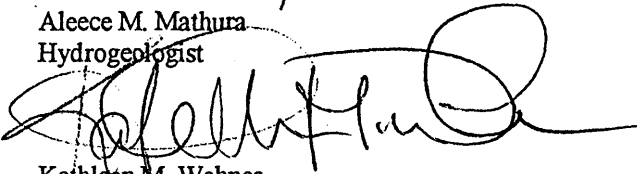
Mr. Herbert M. Meade
March 13, 1998
Page 2 of 2

Handex of Maryland, Inc., on behalf of Exxon Company, U.S.A., would like to request formal environmental case closure from the Maryland Department of the Environment based on the information provided in this letter, the TEA report, and the Fourth quarter 1997 and the first quarter 1998 ground water sampling results. Your written response to this request would be greatly appreciated. Please call us at (410) 674-3200 or Datus H. Wall (Exxon) at (410) 563-5171 if you have any questions or require further information.

Sincerely,



Aleece M. Mathura
Hydrogeologist

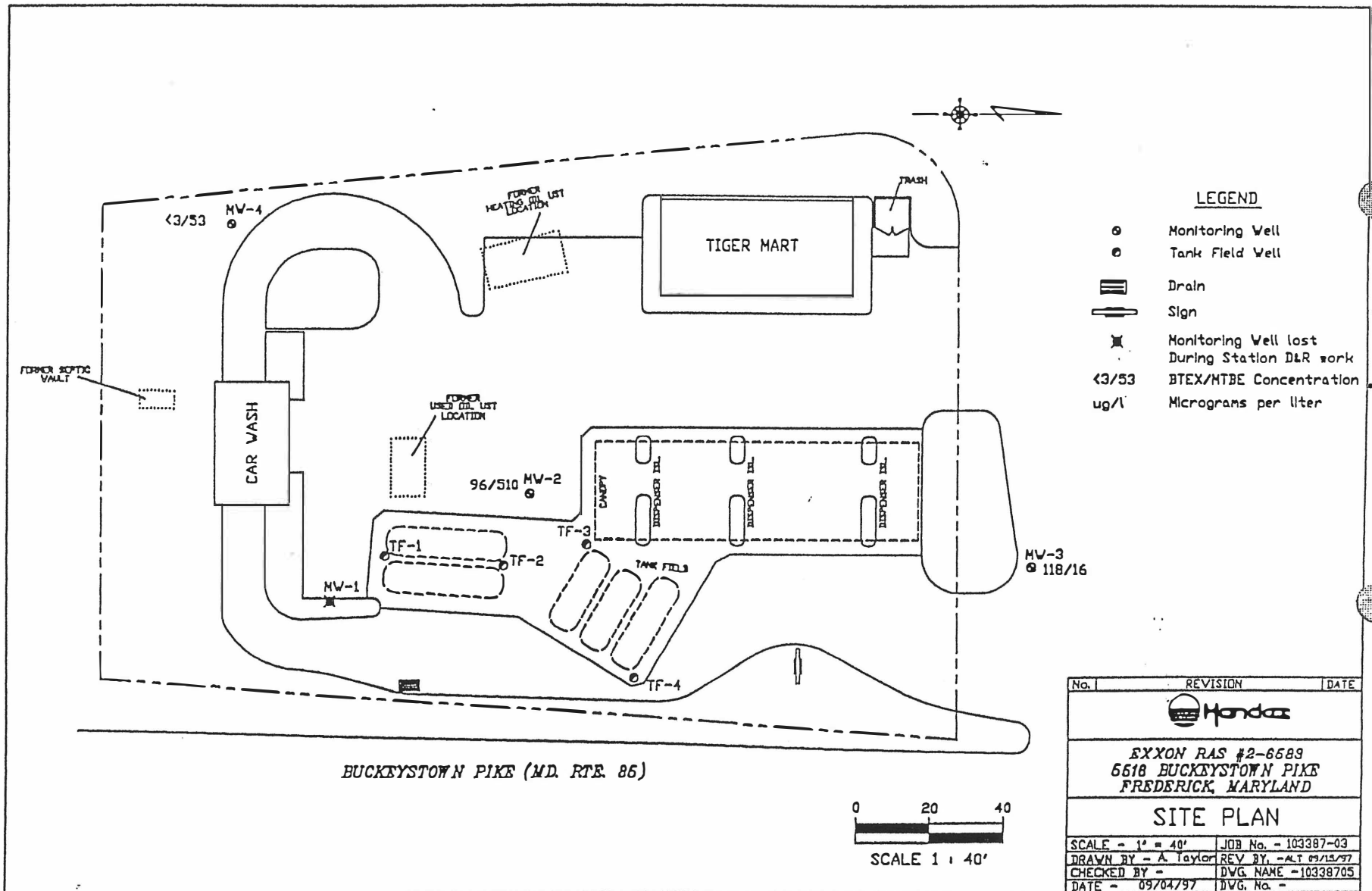


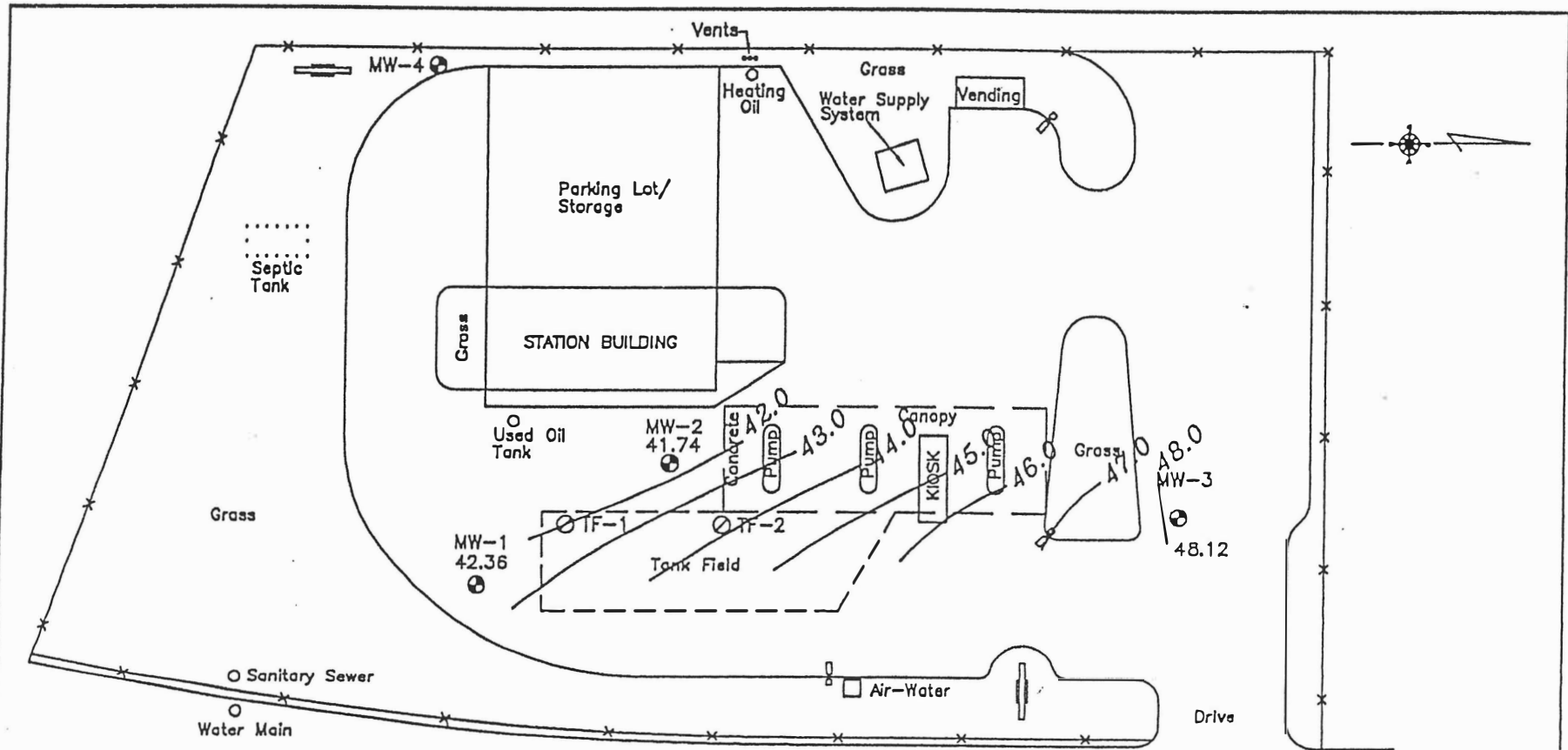
Kathleen M. Wehnes
Senior Hydrogeologist/ Environmental Engineer

AMM/KMW: mas

Attachments

Cc: Datus H. Wall – Exxon Company, U.S.A.
Robert Hill – MDE Oil Control Program Inspector

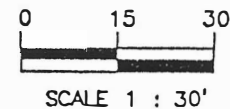




BUCKEYSTOWN PIKE (ROUTE 85 SOUTH)

LEGEND

- Monitoring Well
- Sign
- Light
- Fence
- Tank Field Well
- Contour Line (inferred when dashed)
- Contour Interval = 1.0'



SCALE 1 : 30'

No.	REVISION	DATE
EXXON RAS #2-6583 6616 BUCKEYSTOWN PIKE FREDERICK, MARYLAND		
CONTOURED GROUND WATER TABLE ELEVATION MAP (in feet) DATA DATE: 05/23/97		
SCALE - 1" = 30'	JOB No. - 103387-03	
DRAWN BY - A. Taylor	REV BY. -	
CHECKED BY -	DWG. NAME - 10338705	
DATE - 07/16/97	DWG. No. -	

HISTORICAL GROUND WATER LABORATORY RESULTS

EXXON RAS #2-6583
5516 BUCKEYSTOWN PIKE
FREDERICK, MARYLAND

WELL	DATE	BENZENE (µg/l)	TOLUENE (µg/l)	ETHYL- BENZENE (µg/l)	TOTAL XYLENES (µg/l)	TOTAL BTEX (µg/l)	MTBE (µg/l)
MW-1	07/19/90	2700	90	170	1300	4160	
	02/14/91	1500	550	300	550	2900	
	06/03/91	1900	ND	520	1000	4220	
	08/22/91	1500	ND	ND	1000	2500	
	11/15/91	1200	ND	350	640	2189	
	02/24/93	440	15	180	210	840	
	08/21/93	1200	37	590	81	1900	
	02/15/94	640	49	410	590	1689	
	08/29/94	1500	60	130	150	1840	
	03/04/95	430	19	95	100	644	
	08/09/96	1200	300	520	5000	9020	
	12/09/96	2000	440	770	4900	8110	110000
	03/21/97	820	190	280	3400	4690	67000
	05/23/97	1300	2400	700	2400	11800	21000
	12/31/97	NS	NS	NS	NS	NS	NS
	02/24/98	NS	NS	NS	NS	NS	NS
MW-2	07/19/90	1100	350	330	2600	4380	
	02/14/91	1300	1300	1300	*	3900	
	06/03/91	2000	ND	ND	ND	2000	
	08/22/91	830	ND	180	1800	1190	
	11/15/91	1500	ND	330	170	2000	
	02/24/93	990	880	450	1700	4000	
	08/21/93	1300	65	790	4100	6300	
	02/15/94	470	86	290	990	1836	
	08/29/94	530	200	460	1100	2290	
	03/04/95	1500	950	430	920	3800	
	08/09/96	LPH	LPH	LPH	LPH	LPH	
	12/09/96	2300	2600	1500	9800	16200	39000
	03/21/97	LPH	LPH	LPH	LPH	LPH	LPH
	05/23/97	1200	2100	500	6000	9800	22000
	12/31/97	9	9	8	70	96	510
	02/24/98	36	280	170	1700	2186	190

HISTORICAL GROUND WATER LABORATORY RESULTS

EXXON RAS #2-6583
5516 BUCKEYSTOWN PIKE
FREDERICK, MARYLAND

WELL	DATE	BENZENE (µg/l)	TOLUENE (µg/l)	ETHYL- BENZENE (µg/l)	TOTAL XYLENES (µg/l)	TOTAL BTEX (µg/l)	MTBE (µg/l)
MW-3	07/19/90	ND	ND	ND	ND	ND	
	02/14/91	ND	ND	ND	ND	ND	
	06/03/91	ND	ND	ND	ND	ND	
	08/22/91	ND	ND	ND	ND	ND	
	11/15/91	ND	ND	ND	ND	ND	
	02/24/93	ND	ND	ND	ND	ND	
	08/21/93	ND	ND	ND	ND	ND	
	02/15/94	ND	ND	ND	ND	ND	
	08/29/94	ND	ND	ND	ND	ND	
	03/04/95	ND	ND	ND	ND	ND	
	08/09/96	ND	ND	ND	<3	<3	
	12/09/96	<1	<1	<1	<3	<3	7
	03/21/97	<1	<1	<1	<3	<3	4
	05/23/97	<1	<1	<1	5	5	3
	12/31/97	2	ND	6	110	118	16
	02/24/98	<5	<5	<5	20	20	10
MW-4	12/31/97	ND	<1	<1	<3	<3	53
	02/24/98	ND	ND	ND	<3	<3	2

NOTE:

- LPH - Liquid Phase Hydrocarbons
- < - Below Minimum Quantitation Level
- ND - Not Detected
- NS - Not Sampled – (MW-1 lost during upgrade activities; summer, 1997)
- * - Below Minimum Quantitation Level



Lancaster Laboratories
A division of Thermo Analytical Inc.

LLI Sample No. WW 2882429

Collected: 2/24/98 at 14:40 by MAB

Submitted: 2/25/98 Reported: 3/ 7/98

Discard: 4/ 7/98

MW-2 Grab Water Sample

RAS# 2-6583 CWR# 103387-03 WR# 9300288

5516 Buckeystown Pike Frederick, MD

Account No: 08072
Exxon Company, USA
3801 Boston Street
Baltimore MD 21224

P.O. Cont# C28670

Rel.

CAT NO.	ANALYSIS NAME	AS RECEIVED		
		RESULTS	LIMIT OF QUANTITATION	UNITS
8214	BTEX, MTBE (8021) Code 01			
0776	Benzene	36.	5.	ug/l
0777	Toluene	280.	5.	ug/l
0778	Ethylbenzene	170.	5.	ug/l
0779	Total Xylenes	1,700.	20.	ug/l
0780	Methyl tert-Butyl Ether	190.	5.	ug/l

LABORATORY CHRONICLE						
CAT NO	ANALYSIS NAME	METHOD	TRIAL	ANALYSIS ID	DATE AND TIME	ANALYST
8214	BTEX, MTBE (8021) Code 01	SW-846 8021B	1		02/27/98 1620	Martha L. Bennett

1 COPY TO Handex of Maryland

ATTN: Ms. Alece Mathura

Questions? Contact your Client Services Representative
Lisa M. Hetrick at (717) 656-2300
16:39:33 D 0001 4 127276 604341
320 0.00 00003000 ASR000

Respectfully Submitted
Michele McClarin, B.A.
Manager, Volatiles



Lancaster Laboratories
2425 New Richmond Pike
Frederick, MD 21704-2429
717-656-2300 Fax 717-656-2301

For information on explanation of symbols and abbreviations.

02/27/98 16:20





Lancaster Laboratories

A division of Thermo Analytical Inc.

LLI Sample No. WW 2882430

Collected: 2/24/98 at 14:45 by MAB

Submitted: 2/25/98 Reported: 3/ 7/98

Discard: 4/ 7/98

MW-3 Grab Water Sample

RAS# 2-6583 CWR# 103387-03 WR# 9300288

5516 Buckeystown Pike Frederick, MD

Account No: 08072
Exxon Company, USA
3801 Boston Street
Baltimore MD 21224

P.O. Cont# C28670
Rel.

AS RECEIVED

LIMIT OF

RESULTS QUANTITATION UNITS

8214 BTEX, MTBE (8021) Code 01

0776	Benzene	< 5.	5.	ug/l
0777	Toluene	< 5.	5.	ug/l
0778	Ethylbenzene	< 5.	5.	ug/l
0779	Total Xylenes	20.	20.	ug/l
0780	Methyl tert-Butyl Ether	10.	5.	ug/l

Due to the nature of the sample matrix, normal reporting limits were not attained.

LABORATORY CHRONICLE

CAT

NO

ANALYSIS NAME

METHOD

TRIAL

ANALYSIS

ID

DATE AND TIME

ANALYST

8214 BTEX, MTBE (8021) Code 01

SW-846 8021B

1

02/28/98 0028

Martha L. Bennett

1 COPY TO Handex of Maryland

ATTN: Ms. Aleece Mathura

Questions? Contact your Client Services Representative

Lisa M. Hetrick at (717) 656-2300

16:39:56 D 0001 4 127276 604341

320 0.00 00003000 ASR000



Lancaster Laboratories
2425 New Holland Pike
PO Box 12425

Lancaster, PA 17605-2425
717-656-2300 Fax 717-656-2681

Respectfully Submitted
Michele McClarin, B.A.
Manager, Volatiles





LLI Sample No. WW 2882431
Collected: 2/24/98 at 14:35 by MAB

Submitted: 2/25/98 Reported: 3/ 7/98
Discard: 4/ 7/98

MW-4 Grab Water Sample
RAS# 2-6583 CWR# 103387-03 WR# 9300288
5516 Buckeystown Pike Frederick, MD

Account No: 08072
Exxon Company, USA
3801 Boston Street
Baltimore MD 21224

P.O. Cont# C28670
Rel.

CAT NO.	ANALYSIS NAME	AS RECEIVED		
		RESULTS	LIMIT OF QUANTITATION	UNITS
8214	BTEX, MTBE (8021) Code 01			
0776	Benzene	N.D.	1.	ug/l
0777	Toluene	N.D.	1.	ug/l
0778	Ethylbenzene	N.D.	1.	ug/l
0779	Total Xylenes	< 3.	3.	ug/l
0780	Methyl tert-Butyl Ether	2.	1.	ug/l

LABORATORY CHRONICLE							
CAT				ANALYSIS			
NO	ANALYSIS NAME		METHOD	TRIAL	ID	DATE AND TIME	ANALYST
8214	BTEX, MTBE (8021)	Code 01	SW-846 8021B	1		02/27/98 1732	Martha L. Bennett

1 COPY TO Handex of Maryland

ATTN: Ms. Aleece Mathura

Questions? Contact your Client Services Representative
Lisa M. Hetrick at (717) 656-2300
16:40:14 D 0001 4 127276 604341
320 0.00 00003000 ASR000

Respectfully Submitted
Michele McClarin, B.A.
Manager, Volatiles

MEMBER
AGIL
Lancaster Laboratories
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax 717-656-2091



Please print. Instructions on reverse side correspond with circled numbers.

SCR#:

<p>1 Exxon Consultant: <u>Handex of MD</u></p> <p>Consultant Contact Name: <u>A. Mathura</u></p> <p>Consultant Phone #: <u>410 674-3200</u></p> <p>RAS #: <u>2-6583</u> Consultant Work Release #: <u>103387-03</u></p> <p>Site Address: <u>5516 Buckeystown Pike, Frederick MD</u></p> <p>Sampler: <u>Melissa A Borowski</u></p> <p>Exxon Contact: <u>Datus Wall</u></p>				<p>Matrix</p> <p>4</p> <p>Potable <input type="checkbox"/> NPDES <input type="checkbox"/></p> <p>Water <input type="checkbox"/> Air <input type="checkbox"/></p> <p>Oil <input type="checkbox"/></p>		<p>5 Analyses Requested</p> <p>List total number of containers in the box under each analysis:</p> <p>NAP <input type="checkbox"/> with MTBE <input type="checkbox"/></p> <p>BTX/602 <input checked="" type="checkbox"/> GRO <input type="checkbox"/> CA-LUFT <input type="checkbox"/> API <input type="checkbox"/></p> <p>DRO <input type="checkbox"/></p> <p>PCB 8080 only <input type="checkbox"/> TPH 418.1 <input type="checkbox"/></p> <p>EPA 624/PPL <input type="checkbox"/> 8240 <input type="checkbox"/> LS (+15) <input type="checkbox"/></p> <p>EPA 625/PPL <input type="checkbox"/> 8270 <input type="checkbox"/> LS (+25) <input type="checkbox"/></p> <p>PAHs EPA 610 <input type="checkbox"/> 8310 <input type="checkbox"/></p> <p>Metals <input type="checkbox"/> VOA <input type="checkbox"/> Semi-VOA <input type="checkbox"/> Pest <input type="checkbox"/> Herb <input type="checkbox"/></p> <p>EPA Metals - Priority Pollutant <input type="checkbox"/> RCRA <input type="checkbox"/></p> <p>Lead 239.2 <input type="checkbox"/> 7420 <input type="checkbox"/> 6010 <input type="checkbox"/> 7421 <input type="checkbox"/></p> <p>Corrosivity <input type="checkbox"/> Flash Point <input type="checkbox"/> Reactivity <input type="checkbox"/></p> <p>AIR BTX / C₁-C₁₀ <input type="checkbox"/> Halocarbons <input type="checkbox"/></p>														<p>6</p> <p>Remarks</p> <p>Temperature (if requested)</p>																							
Sample Identification		Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil	BTX/602	GRO	CA-LUFT	API	DRO	PCB 8080 only	TPH 418.1	EPA 624/PPL	8240	LS (+15)	EPA 625/PPL	8270	LS (+25)	PAHs EPA 610	8310	Metals	VOA	Semi-VOA	Pest	Herb	EPA Metals - Priority Pollutant	RCRA	Lead 239.2	7420	6010	7421	Corrosivity	Flash Point	Reactivity	AIR BTX / C ₁ -C ₁₀	Halocarbons	Remarks	Temperature (if requested)		
MW-2		2/24/98	1440	✓			✓		✓																																		
MW-3		1	1445	✓			✓		✓																																		
MW-4		2/24/98	1435	✓			✓		✓																																		
TRIP		—	—	✓			✓		✓																																		
Turnaround Time Requested (TAT) (please circle):		Relinquished by: <u>Melissa A Borowski</u>				Date: <u>2/24/98</u>		Time: <u>1630</u>		Received by: <u>[Signature]</u>				Date: <u>2-25-98</u>		Time: <u>1220</u>																											
Overnight 24 hr. 48 hr.		Relinquished by: <u>[Signature]</u>				Date: <u>2-25-98</u>		Time: <u>1615</u>		Received by: <u>[Signature]</u>				Date: <u>2-25-98</u>		Time: <u>1615</u>																											
72 hr. other ___ day <u>Exxon Std. TAT</u>		Relinquished by: <u>[Signature]</u>				Date: <u>2-25-98</u>		Time: <u>1615</u>		Received by: <u>[Signature]</u>				Date: <u>2-25-98</u>		Time: <u>1615</u>																											
For Lancaster Laboratories use only		Relinquished by: <u>[Signature]</u>				Date: <u>2-25-98</u>		Time: <u>1615</u>		Received by: <u>[Signature]</u>				Date: <u>2-25-98</u>		Time: <u>1615</u>																											
Account #: _____		Relinquished by: <u>[Signature]</u>				Date: <u>2-25-98</u>		Time: <u>1615</u>		Received by: <u>[Signature]</u>				Date: <u>2-25-98</u>		Time: <u>1615</u>																											
Sample #: _____		Relinquished by: <u>[Signature]</u>				Date: <u>2-25-98</u>		Time: <u>1615</u>		Received by: <u>[Signature]</u>				Date: <u>2-25-98</u>		Time: <u>1615</u>																											



Handex Of Maryland

WELL LOG: MW-4

Permit #: FR-99-0282

Drill Date: June 23, 1997

Use: Monitoring Well

Location: 5516 Buckeystown Pike

Owner Loc #: 2-6583

Owner: Exxon

Handex Loc #: 103387

Owner Address: 3801 Boston St., Baltimore, MD

BORING - Depth: 22 ft.

Diameter: 8 in.

Drilling Method: Air Rotary

CASING - Length: 3 ft./2 ft.

Diameter: 4 in.

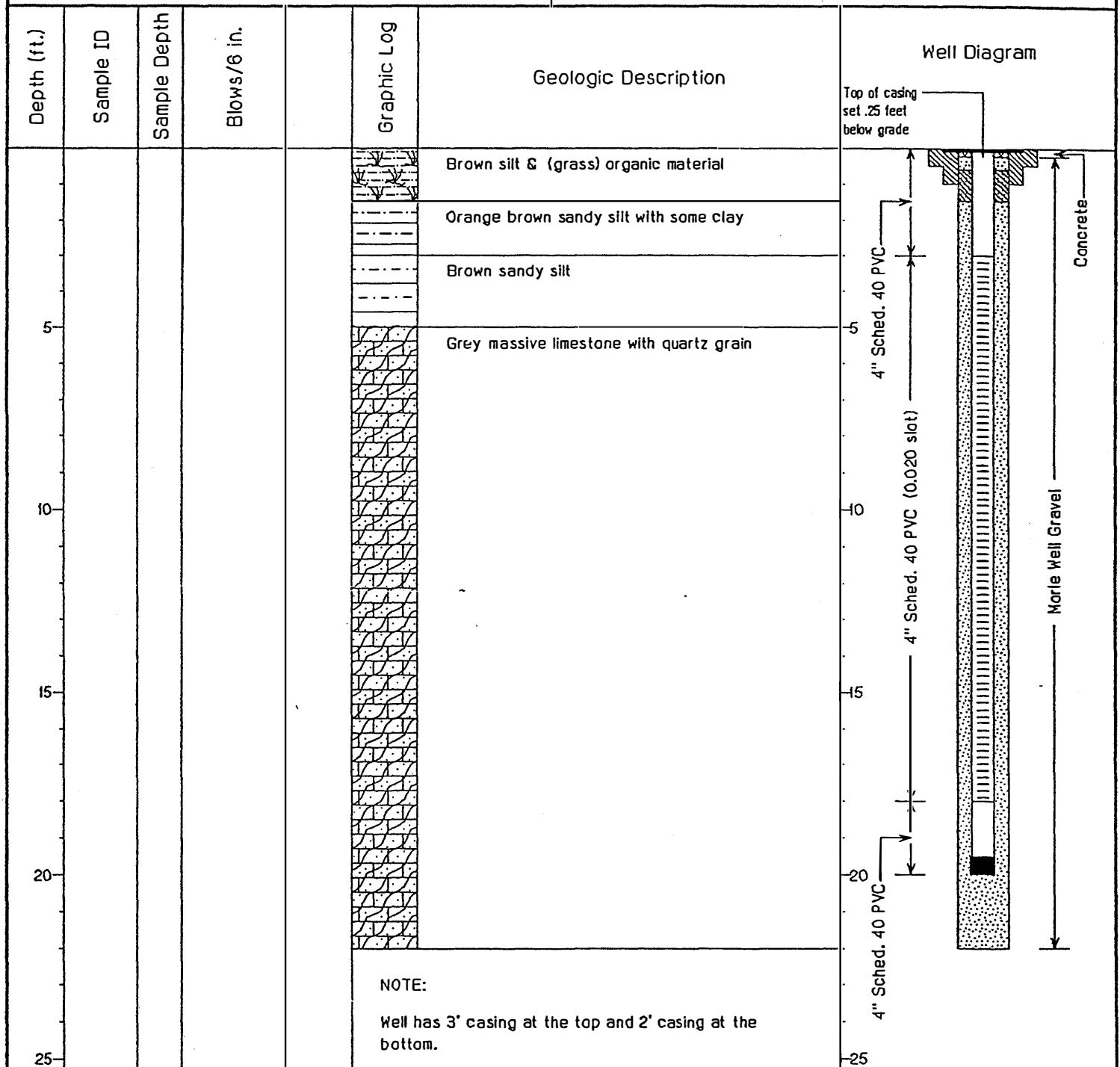
Sampling Method: Split Spoon/Grab

SCREEN - Length: 15 ft.

Diameter: 4 in.

Static Water Level:

WELL - Depth: 20 ft.



Geologist: Aleece Mathura

Driller: Hardin-Huber

TANK EXCAVATION ASSESSMENT REPORT

**Exxon RAS #2-6583
5516 Buckeystown Pike
Frederick, Maryland**

PREPARED FOR:

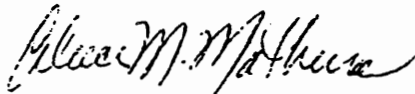
**Exxon Company, USA
6301 Ivy Lane
Suite 700
Greenbelt, Maryland 20770**

PREPARED BY:

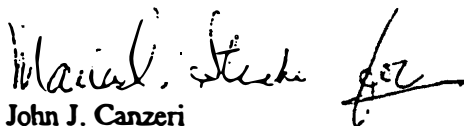
**Handex of Maryland, Incorporated
360 Morgan Road
Odenton, Maryland 21113-0369**

October 29, 1997

Respectfully Submitted,



**Aleece M. Mathura
Hydrogeologist**



**John J. Canzeri
General Manager**

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Figure 2	Topographic Map
Figure 3	Soil Sample Location Map
Figure 4	Former Site Map

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Table 2	Laboratory Results of Analyses: Soil Samples

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Appendix A	Laboratory Reports of Analyses and Chain-of-Custody: Water
Appendix B	Report of Observations (MDE)
Appendix C	Certificates Of Recycle (Soil Safe)
Appendix D	Photo-Documentation
Appendix E	Laboratory Reports of Analyses and Chain-of-Custody: Soil

TANK EXCAVATION ASSESSMENT REPORT

**Exxon RAS #2-6583
5516 Buckeystown Pike
Frederick, Maryland**

1.0 Introduction

In June 1997, Exxon Company, USA, retained Handex of Maryland, Inc., to document and sample soil during the excavation of a 1,000-gallon used oil underground storage tank (UST) and a 1,000-gallon heating oil UST at Exxon RAS #2-6583, located at 5516 Buckeystown Pike, Frederick, Maryland. When the gasoline UST field was uncovered, three of the four gasoline USTs were found to be improperly back-filled with sand instead of pea gravel. Consequently, these USTs were excavated and removed. The USTs were excavated as part of the petroleum distribution system upgrade program and site demolition and rebuild activities. Additional activities associated with the UST excavation work included permitting, coordination and scheduling for the removal/abandonment of the on-site septic system and potable water supply system including well abandonment.

Four gasoline USTs (one 10,000-gallon UST, two 8,000-gallon USTs, and one 4,000-gallon UST), one 10,000-gallon diesel UST, and two 1,000-gallon oil USTs were identified on-site prior to tank excavation activities. Records indicate that the gasoline and diesel USTs are constructed of single walled fiberglass and the two 1,000-gallon USTs are constructed of steel. Four monitoring wells and two tank field wells are on the site which is listed as an active environmental case with MDE. Two additional observation wells were installed in the new section of the gasoline tank field.

This report documents the removal of five of the USTs (two 1,000-gallon, one 4,000-gallon, and two 8,000-gallon), pump out of the septic system, screening and sampling of product line trenches, and summarizes the results from organic vapor analyzer (OVA) readings and laboratory analyses of soil.

2.0 Site Description

Exxon RAS #2-6583 is located near the intersection of Buckeystown Pike and I-270 in Frederick, MD. Land-use in the immediate vicinity is characterized by commercial and industrial development. The attached area map (Figure 1), shows the distribution of land-use within a 500 foot radius of the site.



The attached topographic map (Figure 2) shows that the site is located approximately 320 feet above mean sea level. Braddock Creek is 3.0 miles to the northwest; Carroll Creek is 1.5 miles north; Ballenger Creek is 0.5 miles north and southeast; and the Monocacy River is 1.0 mile to the south east. A surface water retention pond servicing Buckeystown Pike and the asphalt parking areas west of the station is located along the southern property boundary.

The site is located in the Monocacy River valley. Surface topography in the immediate vicinity of the property is gently rolling foothills while the regional topography slopes east towards the Monocacy River.

The gasoline UST field was dewatered from June 18 to September 10, 1997 and 17,044 gallons of ground water were removed, treated, and discharged. Two water compliance samples were collected and submitted for laboratory analyses (Appendix A) to confirm effluent concentrations were within permit requirements. Discharge compliance samples were not collected in June or July because water was not discharged from the on-site holding tank (frak tank). Initially, two original UST field observation wells (TF-1 and TF-2) and two monitoring wells (MW-1 and MW-2) were used as dewatering points. The location of these wells are shown on Figure 3 and are positioned in and around the southern portion of the elongated tank field. As the tanks (three gasoline USTs) were to be removed from the northern portion of the tank field, the pumps from MW-1 and MW-2 were placed in the newly installed tank field wells (TF-3 and TF-4) to dewater this portion of the tank field. Recovered water was directed into a 21,000-gallon frak tank, treated through two 500-lb. granular activated carbon (GAC) vessels, and discharged to the storm drain on Buckeystown Pike. Liquid-phase hydrocarbons were pumped during the dewatering activities (from MW-2, TF-1, and TF-2); however, no measurable thickness was reported in the frak tank.

Prior to initiating site demolition and dewatering, the existing septic system tanks and potable water supply system, including the well and equipment, were abandoned and/or removed. The location of the septic tanks and potable well and equipment are shown on Figure 4.

Handex coordinated with Frederick County Environmental Health, Well, and Septic Department personnel, Mr. David Gatrell, for the abandonment/removal of this equipment. Pursuant to Mr. Gatrell, abandonment of the septic system included the evacuation of all liquid/sludge from the septic tanks. On June 20, 1997, Fogle's Refuse and Septic evacuated the contents of the septic system holding tanks. The tanks were removed by Hopkins and Wayson as part of site demolition.

Based on information obtained from the Exxon dealer, the potable water system historically supplied water to a trailer park that was on the property now housing the Sam's Club and a few small businesses in the immediate area. When the Sam's Club was built, the system was shut down. Mr. Gatrell of Frederick County did not find much information pertaining to this water system except a permit does exist for the well. However, the permit is so old that details about the well, i.e., total depth, diameter, etc. were not required. The requirements for abandoning the potable well, per Mr. Gatrell were: fill well with clean gravel or sacrete to 25 feet below the pit bottom grade, fill the remaining 25 feet first with 20 feet of concrete plug, the 5 feet of back-fill. If the pit was going to be filled with dirt or gravel for construction stability, the well could be topped with a 20 foot plug of concrete to the pit bottom grade. The potable well was abandoned and the equipment removed by Hopkins and Wayson who were on-site for the meeting with Mr. Gatrell to discuss the abandonment and removal requirements on June 4, 1997 .

3.0 UST Excavation and Removal

On June 24, 1997, Handex personnel was on-site to observe the excavation and removal of two 1,000-gallon USTs and to inspect the condition of the site. Hopkins and Wayson, Incorporated, of Owings, Maryland was contracted by Exxon to excavate and remove the UST and to demolish and rebuild the site.

As stated in the enclosed Report of Observations (Appendix B) completed by the Maryland Department of the Environments (MDE) inspector, Mr. Rob Hill, the USTs were removed and closure may be issued after receipt and review of this report. The used oil UST was removed in fair condition with one apparent perforation approximately one inch in diameter. The heating oil UST was removed in good condition with no apparent perforations. The USTs were constructed of steel, had a capacity of 1,000-gallons, and were at least twenty years old. The back fill material removed during excavation was mostly orange brown sandy silt to between 8 to 10 feet below surface grade and gray bedrock was encountered at the base of each UST excavation (approximately 8 to 10 feet below grade).

Material was stockpiled and a composite sample was collected and field screened. The sample was submitted to Lancaster Laboratories, in Lancaster Pennsylvania, for analyses of parameters required for disposal characterization by Soil Safe, Inc. of Baltimore, Maryland. The MDE inspector approved using excavated soils for back-fill; however, hydrocarbon impacted material (based on headspace analyses) was

removed from both excavations and was disposed of by Soil Safe. Ground water was not encountered during UST excavation activities.

Three additional gasoline USTs were removed, one 4,000-gallon UST and two 8,000-gallon USTs, on August 14, 1997. These tanks were approximately 20 years old, constructed of single walled fiberglass, and were removed in good condition. Although the USTs passed a pressure test performed immediately prior to removal, the USTs were excavated and removed due to the discovery of improper back-fill material. Bedrock was encountered directly beneath these tanks (10 to 13 feet below grade); thus, bottom hole soil samples could not be screened and/or analyzed. At the southwestern end of the tank field, approximately three feet of bedrock was removed and disposed of off-site to accommodate the new USTs to be installed. The four side walls of the excavation were sampled at or near the bottom to characterize the native site condition. Material stockpiled from excavating was headspace analyzed in the field for disposal classification. All material screened over 100 ppm was removed and disposed of at the Soil Safe facility in Baltimore, MD.

Clean Harbors of Baltimore, Maryland was contracted by Exxon to prepare the USTs for removal and disposal. Clean Harbors' procedures included: venting with air, checking the LEL and oxygen levels, using a pneumatic "hubbler" to widen tank openings, vacuuming out remaining fluids with a vac-truck, squeegeeing the inside of the USTs to remove excess fluids, and pressure washing the inside of the USTs three times with water. Clean Harbors personnel did not enter the tank. A copy of Clean Harbors' manifests for fluid disposal is included as Appendix B. The USTs were disposed of at a local facility by Hopkins and Wayson.

On July 22, Exxon requested Handex personnel to screen and sample the product line excavation trenches. Samples were collected at 15 foot intervals approximately 3.5 feet below the surface grade (0.5 feet below the trench bottom) and field screened with a organic vapor analyzer/photo ionizing detection meter (OVA/PID). The location of the highest OVA/PID reading was submitted for laboratory analyses. Excavated soil from the trench was stockpiled and a composite sample was collected and submitted for laboratory analyses for disposal classification.

According to the Certificates of Recycle provided by Soil Safe, 1,284 tons of material was removed by 55 trucks and disposed of at the Soil Safe facility in Baltimore, MD. The Certificates of Recycle are included

as Appendix C and photo-documentation of the USTs and the excavation activities is included as Appendix D.

One soil sample was collected below each UST or on top of the bedrock for documentation of native soil. Two composite samples from the stockpiled soils were collected for disposal classification. All soil samples were screened for Volatile Organic Carbon (VOC) with a portable organic vapor analyzer (OVA) using the headspace analyses method. The samples were placed in eight ounce glass jars, sealed with aluminum foil, and allowed to equilibrate for at least fifteen minutes. The tip of the OVA was then inserted through a break in the seal to measure the hydrocarbon concentration of the soil vapor. Prior to measuring the hydrocarbon concentration of another sample, the OVA was allowed time to return to background conditions. The OVA was calibrated with methane prior to field screening. The enclosed site plan (Figure 3) shows the soil sample locations and the former UST locations.

As part of the EPA retrofit program to upgrade the petroleum distribution system, existing station facilities were leveled and underground system upgrade activities were conducted. The dispenser islands and product lines were to be replaced with a double walled containment piping and existing facilities were being replaced with a new store and a car wash.

4.0 Soil Sample Collection

Five soil samples were collected to document the condition of the soils on-site and to classify for disposal. Documentation of soil conditions included photo-documentation, analyses by Lancaster Laboratories, and/or field screening with an OVA.

All soils were field screened utilizing the headspace method. The samples were placed in eight ounce glass jars, sealed with aluminum foil, and allowed to equilibrate for at least fifteen minutes. The tip of the OVA was then inserted through a break in the seal to measure the hydrocarbon concentration of the soil vapor. Prior to measuring the hydrocarbon concentration of another sample, the OVA was allowed time to return to background conditions. The OVA was calibrated with methane prior to field screening.

All soil samples collected for laboratory analysis were packed into clean glass jars, labeled, and placed on ice. The soil samples were transported to Lancaster Laboratories, via courier, for analyses of Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX) using EPA Method 8020, Total Petroleum

Hydrocarbons - Gasoline Range Organics (TPH-GRO) and Total Petroleum Hydrocarbons - Diesel Range Organics (TPH-DRO) using EPA Method 8015, TCLP metals EPA Method 6010, Polycyclic Aromatic Hydrocarbons (PAH) using EPA method 8270, Naphthalene, Polychlorinated Biphenols (PCBs), Flash-point, pH, moisture content, and Petroleum Hydrocarbons by EPA Method 418.1 modified (TPH 418.1), as applicable. The head-space analyses are presented in Table 1 and laboratory results of analyses are summarized on Table 2 and included as Appendix E.

5.0 Summary

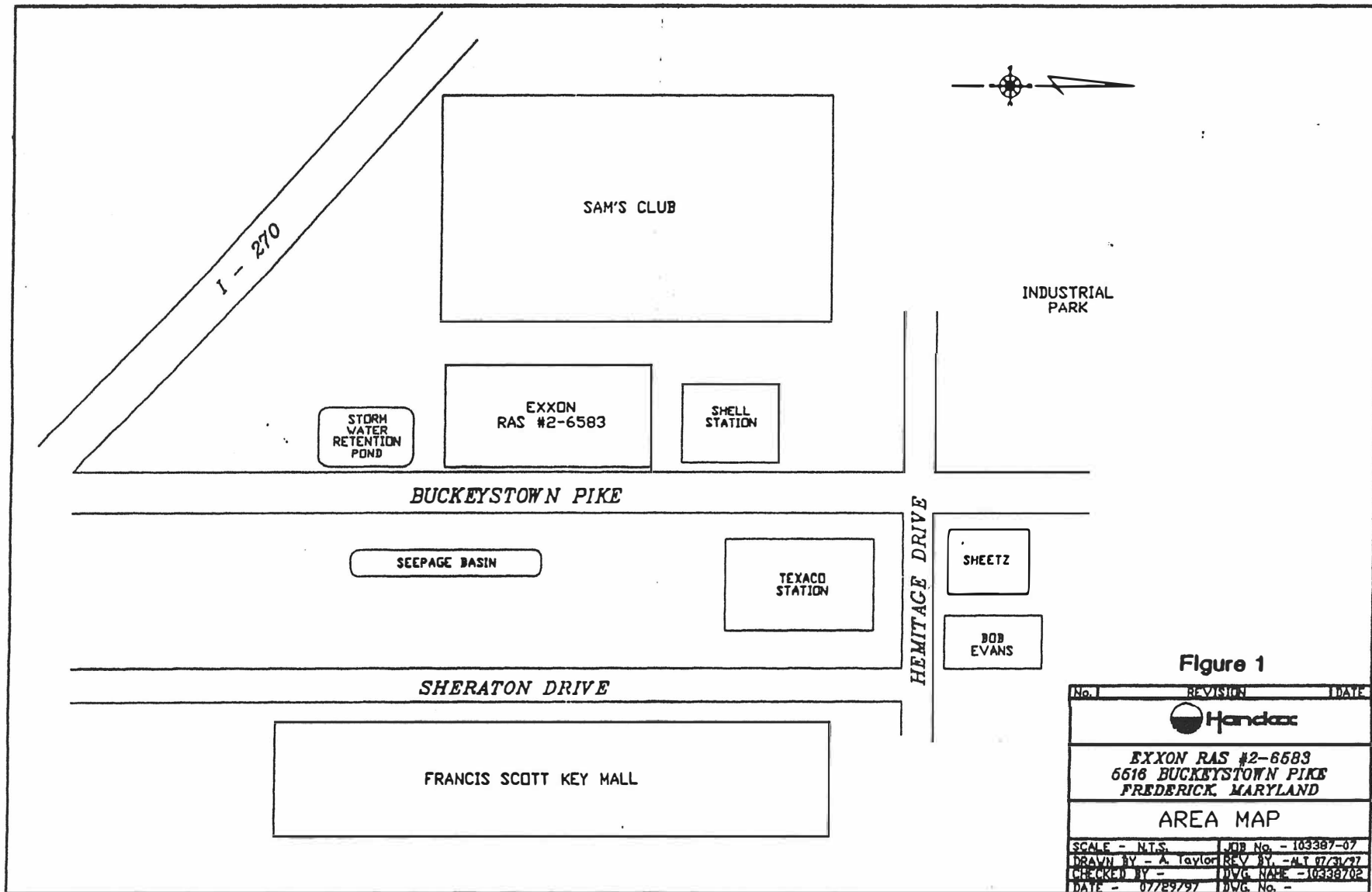
The following is a summary of the work performed by Handex as part of the petroleum distribution upgrade program activities.

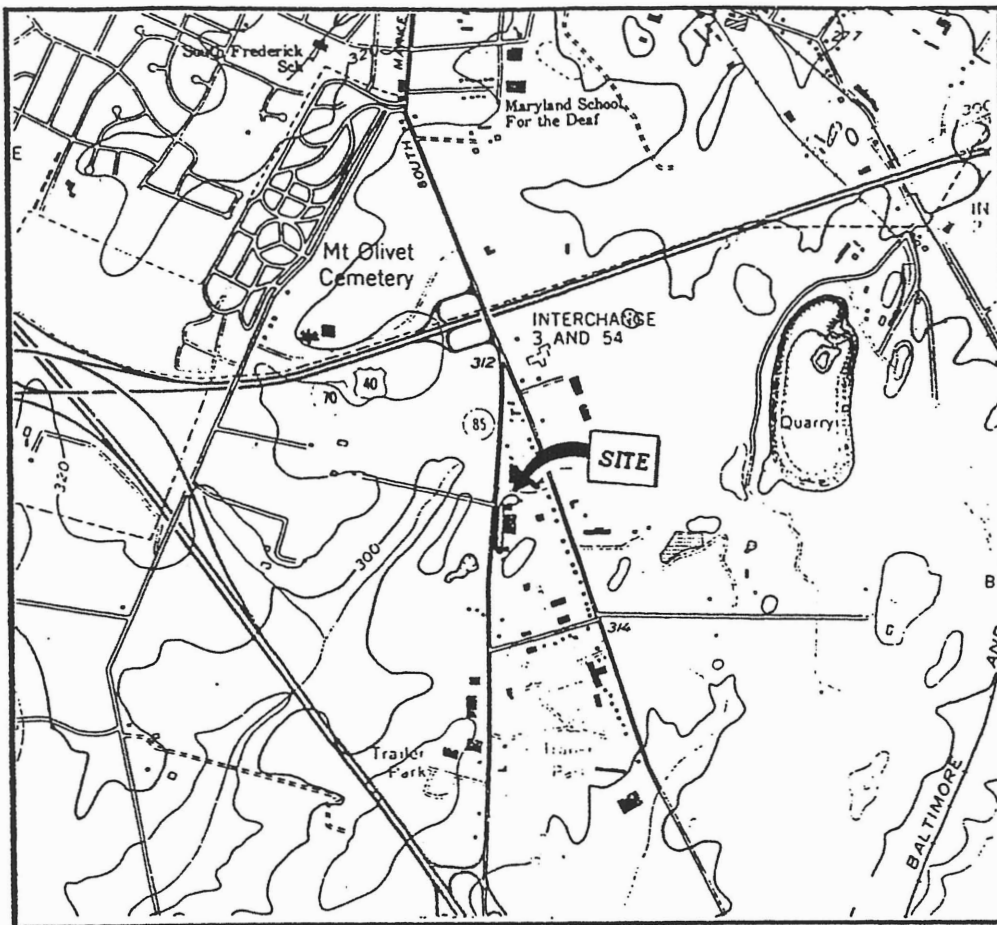
- A total of five USTs were removed three of which were replaced. The upgraded station has the following single-walled fiberglass USTs on site:
 - (1) 10,000-gallon regular unleaded gasoline UST
 - (1) 10,000-gallon diesel fuel UST
 - (2) 8,000-gallon plus unleaded gasoline USTs (replaced)
 - (1) 4,000-gallon supreme unleaded gasoline UST (replaced)
- The heating oil and used oil 1,000-gallon USTs were constructed of steel and were 20+ years old. These tanks were removed and not replaced.
- The fiberglass USTs were removed in good condition with no apparent perforations. The steel USTs were removed in fair condition with extensive pitting. The used oil UST had a 1-inch perforation at one end.
- The nearest permanent surface water body is Ballenger Creek approximately 0.5 miles to the north. A storm water run-off retention pond is located adjacent to the southern property boundary.
- Approximately 17,000 gallons of recovered fluids were pumped and treated through two 500-lb. GAC units prior to discharge.
- No LPH was detected in the frak tank even though it was detected intermittently at thickness of < 0.10 feet on the ground water in the monitoring wells used for recovery. Based on the gauging data, the total volume of LPH was not measurable in the frak tank.

- Two water compliance samples were collected from the water treatment system that confirmed permit compliance.
- Excavated material consisted of sandy silt, back fill sand, and clay. Based on head-space analyses and visible inspection, (manifests are being faxed today) cubic yards (yd³) of material were removed from the site and disposed of by Soil Safe.
- Impacted soil was present in the three UST excavations and the product line trench based on headspace analyses.
- Ground water was encountered in the gasoline UST excavation at approximately 11 feet; however, LPH were not detected. However, LPH was detected on the ground water in MW-2, TF-1, and TF-2 intermittently during gauging events.
- VOC concentrations recorded during headspace analyses ranged from 0 parts per million (ppm) to 15,120 ppm.
- Seven discrete soil samples were collected to document native soil conditions on site. One from below each oil UST excavation bottom, one from 3.5 feet below the southern dispenser island in the product trench, and one from each of the side wall bottoms in the gasoline UST excavation.
- No flash was observed and the material was not corrosive for either composite sample collected from the soil stock piled as indicated in the laboratory report of analyses in Appendix E.
- TPH-DRO was detected at a concentration of 12 milligrams per kilogram (mg/kg) of dry weight from the composite soil sample collected from the product piping trench.
- TPH-DRO (200 mg/kg), Naphthalene (40 ug/kg), and TCLP metal Barium (0.52 mg/l) were detected in the heating oil discrete soil sample.

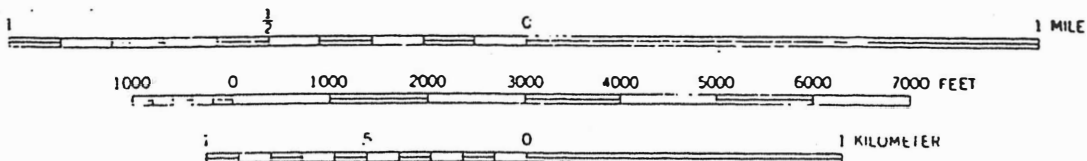
- TPH 418.1 (33 mg/kg) and TCLP metal Barium (0.38 mg/l) were detected in the used oil discrete sample.
- The soil sample collected from the product piping trench, approximately 30 feet from the UST field, laboratory analyses detected BTEX (4,870 ug/mg) and TPH-GRO (72 mg/kg).
- BTEX and TPH-GRO were detected at concentrations ranging from 30 - 134,100 ug/kg and < 1 - 700 mg/kg, respectively, in the gasoline UST excavation discrete samples.
- The values reported above for TCLP metals Barium is below the maximum concentrations listed with the US EPA, Federal Register (March 29, 1990) which is 100.0 mg/l for Barium.

FIGURES





SCALE 1:24000




CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

Figure 2

Reference:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Frederick Quadrangle
7.5 Minute Series

No.	Date
 Handex	
Exxon RAS #2-6583 5516 Buckeystown Pike Frederick, Maryland	
TOPOGRAPHIC MAP	
SCALE - AS NOTED	JOB NO. - 103387-03
DRAWN BY - AMATHURA	REV. BY -
DATE - 07/21/97	DWG. NAME - TOPO



LEGEND

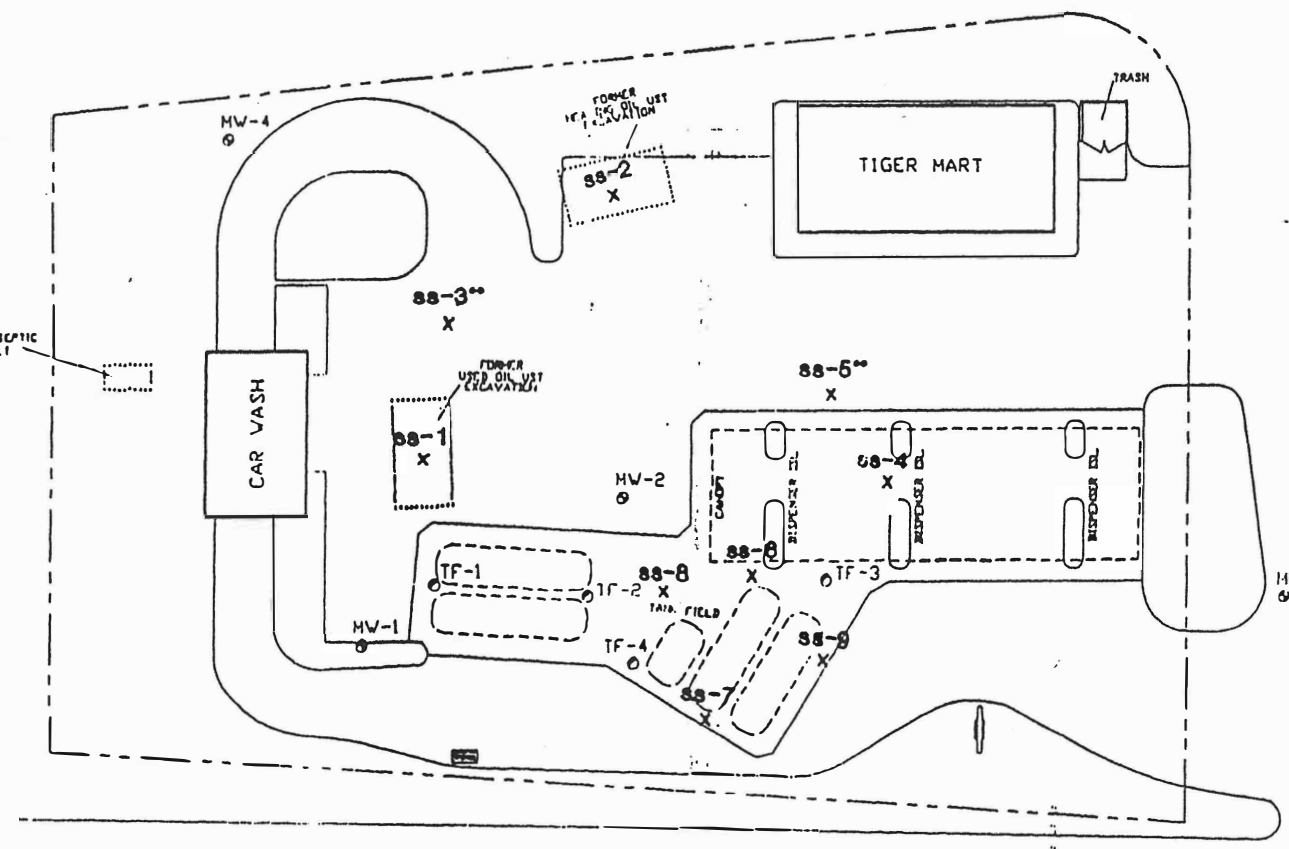
- Monitoring Well
- Tank Field Well
- ▭ Drain
- Sign

X Soil Sample Location

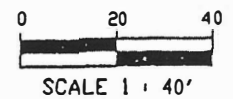
** Indicates soil was stock-piled

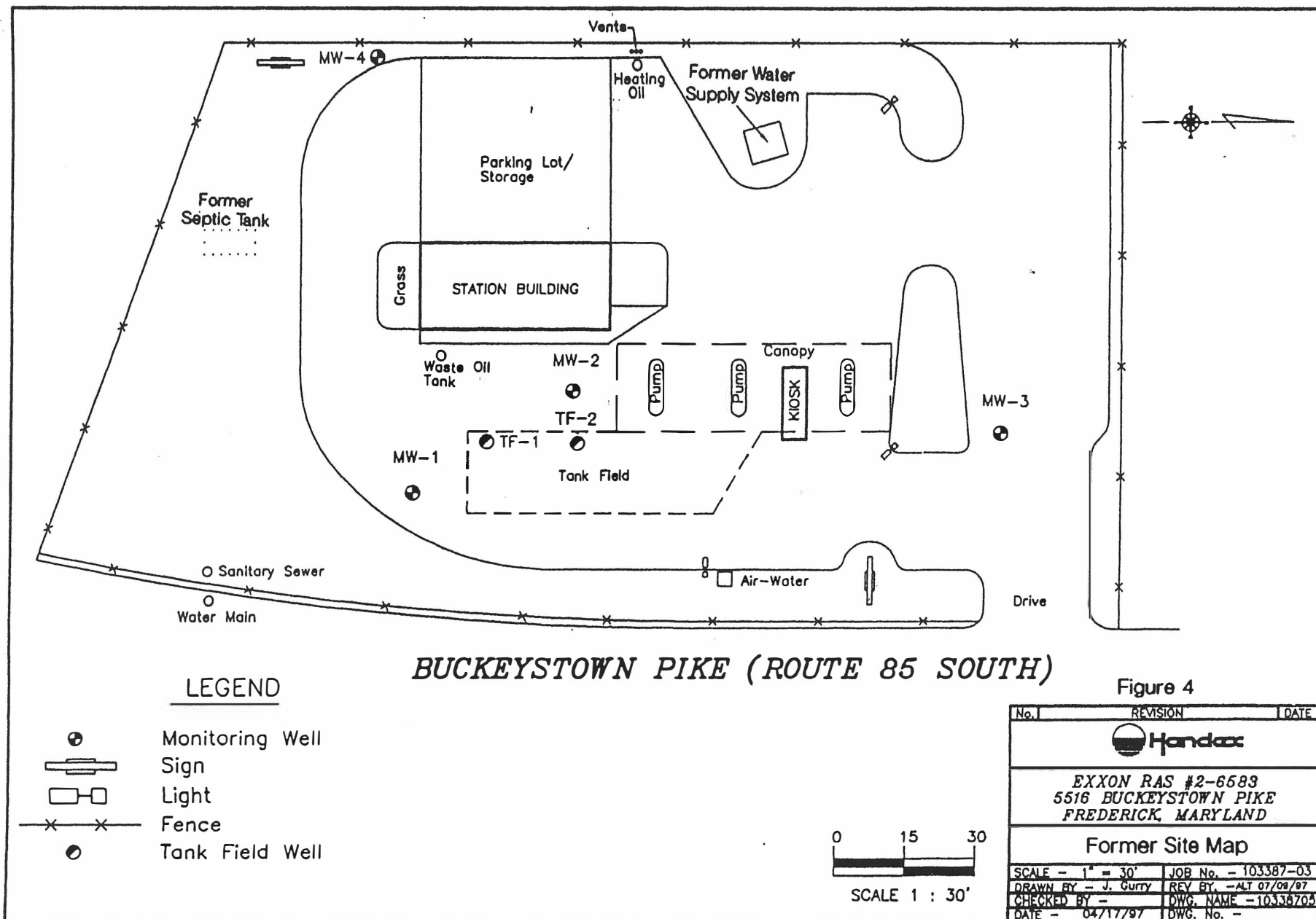
Figure 3

No.	REVISION	DATE
EXXON RAS #2-6583 6616 BUCKEYSTOWN PIKE FREDERICK, MARYLAND		
SOIL SAMPLE LOCATION MAP		
SCALE - 1" = 40'	JOB No. - 103387-03	
DRAWN BY - A. Taylor	REV BY -	
CHECKED BY -	DVG. NAME - 10338705	
DATE - 09/15/97	DVG. No. -	



BUCKEYSTOWN PIKE (MD. RTE. 85)





TABLES

Table 1
Head-Space Analyses Results
Exxon RAS # 2-6583
5516 Buckeystown Pike
Frederick, Maryland

Sample Location	Sample ID	VOC Concentration (ppm)
SS-1 (6-24-97)	Grab sample: used oil UST excavation following over-excavation * 12 feet below surface grade	25
SS-2 (6-24-97)	Grab sample: heating oil UST excavation * 8 feet below surface grade	0
SS-3 (6-24-97)	Composite sample: stock-piled soil * heating oil stock-pile * used oil stock-pile	3 115
	Grab samples of used oil excavation soil * initial * intermediate (1) * intermediate (2) * final (used to determine depth of discrete sample)	200 105 115 60
SS-4 (7-22-97)	Grab sample: product line trench (35' from gasoline tank field) * 5' from gasoline tank field * 20' from gasoline tank field * 35' from gasoline tank field (under dispenser island) * 50' from gasoline tank field * 65' from gasoline tank field (under dispenser island)	4,000 600 135 4,000 90 205

Notes:

- * Samples were screened with an Organic Vapor Analyzer/Flame Ionizing Detector and/or a MSA Explosimeter
- * VOC = Volatile Organic Compounds
- * ppm = parts per million

Table 1
Head-Space Analyses Results
Exxon RAS # 2-6583
5516 Buckeystown Pike
Frederick, Maryland

Sample Location	Sample ID	VOC Concentration (ppm)
SS-5 (7-22-97)	Composite sample: product line trench soil stock-pile	100
SS-6 (8-14-97)	Northwest wall bottom of gasoline USTs excavation	22
SS-7 (8-14-97)	Southeast wall bottom of gasoline USTs excavation * fill material stock piled along southeast wall of the excavation	9,500 15,120 (30% LEL)
SS-8 (8-14-97)	Southwest wall bottom of gasoline USTs excavation * fill material stock piled along southwest wall of the excavation	10,000 10,080 (20% LEL)
SS-9 (8-14-97)	Northeast wall bottom of gasoline USTs excavation	30

Notes:

- * Samples were screened with an Organic Vapor Analyzer/Flame Ionizing Detector and/or a MSA Explosimeter
- * VOC = Volatile Organic Compounds
- * ppm = parts per million

MEMORANDUM

Copies { 90-2413 FR
RAS# 2-6583To File From RICK LEGO Date 4-9-98
Subject Phone conversation with Datus Wall

I talked to Datus Wall this date in reference to Exxon STA. 5516 Buckeystown Pike Frederick MD. After a review of a report from Hardex dated March 13, 1998 in which Hardex on behalf of Exxon is asking for closure.

I told Datus that this program will want one more round of sampling when the water table drops in July or August 1998, and also one to LPH found in MW-2 in 3-21-97. Asked Datus to notify us so rep. from M&E can be on site in July or Aug. sampling to verify gauging and no free product if none.

Also asked him ^{CONTINUE TO} to have Hardex gauge wells monthly.

Datus agreed to all requirements above.

Rick Lego
RICK LEGO
Region IV Section Head



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

mo2
CASE # 94-2941

Report of Observations

FACILITY I.D. # _____

Type of Inspection/Observation: ROUTINE-FOLLOW UP Date 11/17/94

Facility Name: STATE HIGHWAY ADMINISTRATION 502 QUINCE ORCHARD RD

Remarks: ALL DOCUMENTATION THAT WAS REQUESTED
HAS BEEN RECEIVED. IN COMPANY WITH KEN
CARTER, REGIONAL GEOLOGIST, WE REVIEWED
THE SOIL ANALYSIS RESULTS AND FEEL
THIS CASE CAN BE PLACED ON THE INACTIVE
DOCKET.

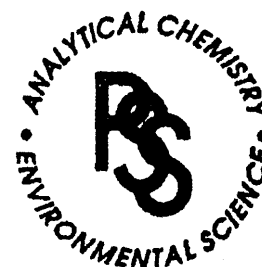
TIME IN :

TIME OUT :

Observer: JACK SIPE Person Interviewed: BOB TYSON

OFFICES:
6630 BALTIMORE NAT'L PIKE
ROUTE 40 WEST
BALTIMORE, MD 21228
410-747-8770
800-932-9047
FAX 410-788-8723

PHASE SEPARATION SCIENCE, INC.



CERTIFICATE OF ANALYSIS

No. 940602-04

Bevard & Walden Tank Service

June 3, 1994

Analysis of: Soil Sample 002

Project: S.H.A.

Analysis of Purgeable Aromatics & Petroleum Distillates

Date Sampled: 6-1-94

Date Received: 6-2-94

Date Analyzed: 6-2-94

Benzene	650 ug/kg
Toluene	14,000 ug/kg
Ethyl Benzene	7,900 ug/kg
Xylene	45,000 ug/kg
Methyl-t-Butyl Ether	940 ug/kg
Naphthalene	NR
Petroleum Type	Gasoline range
Petroleum Concentration	550,000 ug/kg

NR-not requested NA-not applicable ND-not detected

Routine reporting limits for MBTEX&N have been set at 1 ug/kg.

Routine reporting limits for Petroleums have been set at 100 ug/kg.

Petroleum identities may be influenced by the effects of weathering.

The above analysis was performed according to procedures described in the following EPA methods:

EPA 8020: Purgeable Aromatics

EPA 8015A-M: Non-halogenated Volatile Organics

Reviewed by:



TANK REMOVAL/ABANDONMENT

State of Maryland
Department of the Environment
Hazardous and Solid Waste Management Administration
2500 Broening Highway, Baltimore, Maryland 21224
(301) 631-3442

Date 6-1-94
Site Name: STATE HIGHWAY ADMINISTRATION
Site Address: 502 QUINCE ORCHARD RD
GAITHERSBURG MD.

Facility # _____
Case # 94-2941 mol
☒ OPEN ☐ CLOSE
INITIAL ☒ FOLLOW-UP

- 1a. 2 Tank(s) removed
1b. _____ Tank(s) abandoned in place
Has an environmental assessment been completed? YES ☐ (Go to 2) NO ☒
☐ Complete an environmental assessment within _____ days in compliance with COMAR
2. Has piping been properly abandoned? YES ☒ (Go to 3) NO ☐ UNKNOWN ☐
☐ Properly abandon piping within _____ days in compliance with COMAR
3. Has all liquid been removed from tank(s)? YES ☒ (Go to 4) NO ☐
☐ Stop operations and pump out liquid as ordered by this Administration
4. Have tank(s) been purged of explosive or combustible vapors? YES ☒ (Go to 5) NO ☐
Can operation continue safely? YES ☒ (Go to 5) NO ☐
☐ Stop operations as ordered by this Administration
5. Were perforations observed during visual inspection of tank or piping? YES ☐ NO ☒

Tank #	Type of product	Age (yrs.)	Size	Type of tank	Type of piping	System tested? (Y/N)	Date of last test?	Disposal site
1	GAS	27	1K	STEEL	STEEL	Y	5/94	DAVIS SCRAP
1	GAS	27	1K	STEEL	STEEL	Y	5/94	VIRGINIA

6. Is groundwater contaminated? YES ☐ NO ☐ (Go to 7) UNKNOWN ☒
☐ Perform a site assessment and submit report to this Administration within _____ days
7. Is soil contaminated? YES ☒ (Go to 8) NO ☐ (Go to 8)
Were contaminated soils removed? YES ☒ NO ☐
If YES: Disposal site? UNKNOWN AT THIS TIME
If NO: ☐ Removal of soils not required
8. Perform specified tasks or submit additional information to this Administration within 30 days:
☐ _____ monitoring well(s) required in specified location(s)
☐ Complete a site assessment and submit report
☐ Daily inventory records ☐ Past testing info. ☐ All repair work info.
☒ Other: HAVE SOIL SAMPLE TESTED FOR BTEX, MTBE & TPH.
☒ All documentation associated with tank removal/abandonment:
Including: TANK DISPOSAL RECEIPTS - SOIL DISPOSAL RECEIPTS
9. Comments: CHECKED THE SOIL AROUND EXCAVATION WITH A PHOTOVAC MICRO TIP - READINGS WERE 59 PPM - 55 PPM - BELOW TANK BOTTOM READINGS WERE 3400 PPM - 4400 PPM. SOIL SAMPLE WAS COLLECTED AND IS TO BE TESTED AS INDICATED ABOVE. TEST RESULTS ARE TO BE FORWARDED TO THIS ADMINISTRATION FOR REVIEW. TEST RESULTS WILL DETERMINE IF ADDITIONAL REMEDIATION IS NECESSARY. DISPOSE OF SOIL IN A PROPER MANNER. BEFORE TRANSPORTING TANKS AND ADDITIONAL DEVICES TO ENSURE SAFETY.
10. UST notification form amended? YES ☐ NO ☒
11. Is follow-up required by this Administration? YES ☒ NO ☐
Inspector's name (printed) and signature: JACK SIPES
Contact person's name (printed) and signature: RAYMOND TYSON
Contractor's name (printed) and signature: BEVARD & WALDEN - OSCAR HAWKINS

June 21, 1994



Maryland Department of the Environment
Hazardous and Solid Waste Management Administration
2500 Broening Highway
Baltimore, Maryland 21224
Attn: Mr. John Smiechowski

*Jack/Ken
FYE
gmr*

RE: FORMER CHEVRON FACILITY #122203
9401 (275) FIELDS ROAD
GAITHERSBURG, MD



Dear Mr. Smiechowski:

Attached is very important documentation for your files which shows that 9401 and 275 Fields Road are the same site. Unfortunately, in May 1986, then Chevron employee Beth Johnke sent tank registration papers into your office for a site at 275 Fields Road (which was really 9401 Fields Road). We hope the attached documentation will help to correct your files, which probably (incorrectly) show (2) Chevron sites on Fields Road. This probably happened because the county renumbered the road at some point after 1986.

The enclosed excerpt from a 1984-1985 Lusk's real estate guide indicates that 275 Fields Road was the location of "Washingtonian Gulf" plat number 10718. The enclosed copies of plat number 10718 illustrate the property boundaries and the location of Fields Road relative to the property. The absence of Washingtonian Boulevard from plat number 10718 would suggest that it was not in existence when this plat was prepared (July 1973). A second plat, number 16749, illustrates the location of the "Washingtonian Gulf" parcel relative to Washingtonian Boulevard and Fields Road. A check of the Montgomery County computer records indicated that the present address of 9401 Fields Road is the location of "Washingtonian Gulf", plat number 10718. The computer records further confirm that the tax map parcel number is N774. This may be located on the enclosed copies of Montgomery County tax map number FS 562.

For your information, parcel number N896, located southeast of parcel number N774 (9401 Fields Road) is the former location of a Shell service station. I hope this correspondence will set all of our records straight so there is no confusion in the future. Thanks for your assistance in this matter. If you have any questions, please contact me at (404) 984-3025.

Very truly yours,

Erin A. Ireland
Erin A. Ireland
Environmental Engineer

Attachments

cc: Amanda Ogden/Chevron
John Giese/Land Tech

SECOND QUARTER 1997 REPORT

Former Chevron Facility #122203

9401 Fields Road

Gaithersburg, Maryland

MDE Case # 88-1633 MO

Prepared For:

Chevron U.S.A. Products Company, Inc.

2300 Windy Ridge Parkway, Suite 800

Atlanta, Georgia 30339

Prepared By:

Terraqueous, Inc.

9029 Omdorff Road

Emmitsburg, MD 21727

Tel.: (301) 271-4867

JULY 1997

Table of Contents

<u>SECTION</u>	<u>PAGE</u>
1.0 INTRODUCTION.....	1
2.0 SITE BACKGROUND.....	1
2.1 CHRONOLOGY OF EVENTS.....	1
2.2 QUARTERLY ACTIVITIES.....	2
3.0 MONITORING PERFORMANCE	2
4.0 FUTURE ACTIONS	2

List of Attachments

Attachment

Figures

- 1 Site Plan
- 2 Groundwater Potentiometric Surface Map
- 3 BTEX Box Map
- 4 Hydrograph of MW15, MW16, & OW2

Tables

- 1 Liquid Level Monitoring Data
- 2 Monitoring Well Analytical Data
- 3 Historical Well Analytical Data (Abandoned Wells)

Attachments

- 1 Laboratory Analytical Reports

1.0 INTRODUCTION

This report provides an summary of the 2nd quarter 1997 monitoring and sampling activities performed at the Chevron USA Products Company, Inc. (Chevron) property located at 9401 Fields Road in Gaithersburg, Maryland.

2.0 SITE BACKGROUND

The site is a vacant lot that was the former Chevron retail gasoline facility # 122203 located at 9401 Fields Road in Gaithersburg, Maryland. Figure 1 is a site map detailing locations of the monitoring wells.

2.1 Chronology of Events

- Hydrogeologic, Inc. conducted a groundwater monitoring program at the site prior to June 1990.
- Groundwater Technology, Inc. (GTI) began remedial investigative activities in June 1990 with a soil vapor extraction system (SVES) pilot study and a 48-hour groundwater pumping test. Study results were used to develop a remediation system design, which was presented to Chevron in a corrective action plan (CAP) in September 1990. The plan involved pumping groundwater from five recovery wells and simultaneously drawing vapors from five alternate extraction wells.
- GTI installed the designed system, and operation commenced in early October 1990. GTI terminated system operation in November 1990 to relocate equipment from the vacant service station building, which was razed. The relocated, combined groundwater/soil remediation system was reactivated on 23 April 1991.
- GTI assumed the responsibilities associated with the groundwater monitoring program in March 1991. The remediation system process streams and the private water supply well located at 9510 Fields Road (the Crown's well) were sampled monthly.
- The SVES was upgraded in February 1992 to include a Falmouth catalytic oxidizer.
- ESE assumed responsibilities for quarterly sampling, monitoring, and recovery system operation and maintenance in December 1992.
- The catalytic oxidizer was removed on 10 September 1993 as authorized by the Maryland Department of the Environment (MDE) Air Management Agency (AMA). A July 1993 vapor pilot study established that SVES emissions prior to the catalytic oxidizer were below 20 pounds per day.
- GTI installed three additional delineation wells (MW-15, MW-16, and MW-17) on 5-7 July 1994. A report entitled "Summary of Well Installation and Sampling" was submitted to the MDE on 19 September 1994.
- On 10 March 1995, MDE granted Chevron permission to discontinue remediation activities at the site. The system was turned off on 16 March 1995. Remediation system dismantling began on 6 April 1995 and was completed on 13 April 1995.

- Chevron retained Terraqueous, Inc. (formerly Dan-Ko Technical Sciences, Inc. (DTS)) to perform monthly well gauging and potable well sampling, quarterly sampling of the monitor wells, and to write the associated quarterly reports.
- On 20 & 21 March 1997, all monitoring wells except MW15, MW16, MW17, OW1, and OW2 were abandoned by Diamond Drilling per authorization of the MDE in a letter dated 30 December 1996.

2.2 Quarterly Activities

Terraqueous conducted a gauging/sampling event on 20 Jun 97. The monitor wells were gauged with an interface probe accurate to 0.01 foot to determine depth to water. A water sample was obtained from the Crown potable well on 29 Apr & 20 Jun 97.

The monitoring well samples were analyzed for benzene, toluene, ethylbenzene, and total xylenes (BTEX) per EPA method 8020A. In addition to BTEX, the samples were also analyzed for methyl-tertiary-butyl-ether (MTBE). The potable well sample was analyzed using EPA Method 524.

Groundwater samples were collected using a new disposable polyethylene bailer for each well. The groundwater grab samples were placed in pre-cleaned, laboratory-prepared containers, preserved with HCl. They were then placed in a cooler and shipped overnight to Lancaster Laboratories by UPS.

3.0 MONITORING PERFORMANCE

No liquid phase hydrocarbons were detected during the quarter. Figure 2 is a groundwater elevation contour map showing the generalized groundwater flow to the south-southeast based on historical gauging data. Table 1 summarizes the historical monitoring data. Figure 4 is a hydrograph of MW15, MW16, & OW2. MW17 was destroyed this quarter by a farm implement. The casing was broken off at 4.7 feet below grade.

The maximum dissolved BTEX concentration at the site for the quarter was 21,500 micrograms per liter (ug/L) in OW-2. The maximum dissolved MTBE concentration for the quarter was detected in OW-2 at 1300 ug/L.

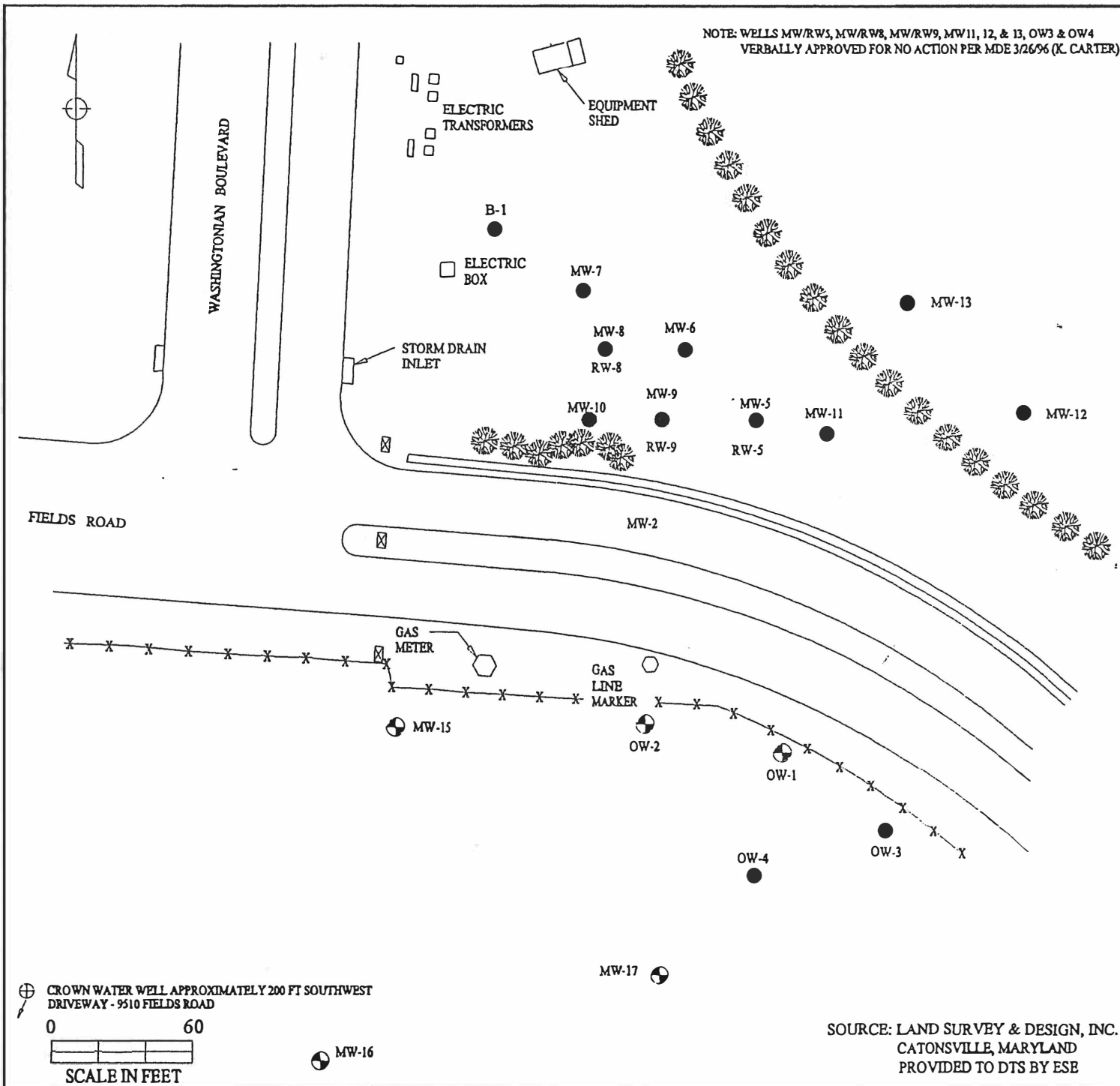
The Crown's well was analyzed for BTEX and MTBE using Method 524. The results indicated a detected MTBE concentration of <0.5 ug/L for this quarter.

Table 2 summarizes the historical analytical data for the groundwater monitoring wells with the semi-monthly analytical data on the potable well. The analytical results for this quarter are attached.

4.0 FUTURE ACTIONS

Semi-monthly potable well sampling will continue. Sampling/gauging of the remaining monitoring wells is recommended to be reduced to annual.

FIGURES



LEGEND

- ⊕ MONITOR WELL
- ★ TREE LINE
- RECOVERY WELL
- ⊕ WATER WELL
- ABANDONED 3/20/97

FIGURE 1
SITE PLAN

CHEVRON U.S.A
Former Facility #122203
9401 Fields Road
Gaithersburg, MD

Terraqueous, Inc.
9029 Ormdorff Road
Emmitsburg, MD 21727

PROJECT # 9614
DATE: 06/20/97
DRAWN BY: DIH

NOTE: WELLS MW/RW5, MW/RW8, MW/RW9, MW11, 12, & 13, OW3 & OW4
VERBALLY APPROVED FOR NO ACTION PER MDE 3/26/96 (K. CARTER)

LEGEND

- ⊕ MONITOR WELL
- RECOVERY WELL
- ⊕ WATER WELL
- ABANDONED 3/20/97

71.68 GROUNDWATER ELEVATION (FT)
↘ GENERALIZED FLOW DIRECTION

FIGURE 2

GRADIENT MAP

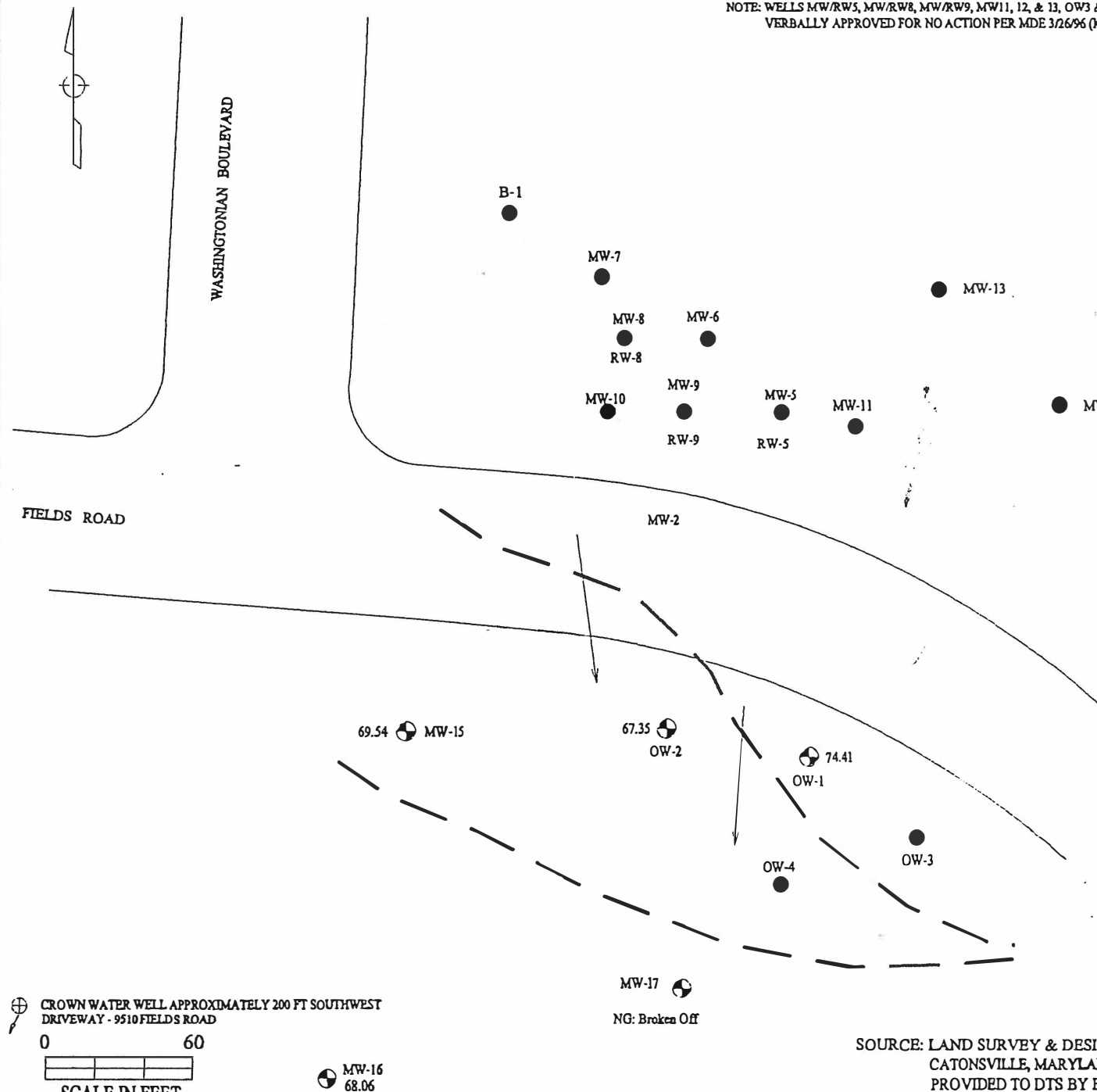
CHEVRON U.S.A
Former Facility #122203
9401 Fields Road
Gaithersburg, MD

Terraqueous, Inc.
9029 Orndorff Road
Emmitsburg, MD 21727

PROJECT # 9614

DATE: 06/20/97

DRAWN BY: DIH



NOTE: WELLS MW/RW5, MW/RW8, MW/RW9, MW11, 12, & 13, OW3 & OW4
VERBALLY APPROVED FOR NO ACTION PER MDE 3/26/96 (K. CARTER)

LEGEND

- MONITOR WELL
- RECOVERY WELL
- ⊕ WATER WELL
- ABANDONED 3/20/97

CONCENTRATIONS IN UG/L

B	BENZENE
T	TOLUENE
E	ETHYLBENZENE
X	XYLENES
BTEX	TOTAL
MTBE	

FIGURE 3

BTEX MAP

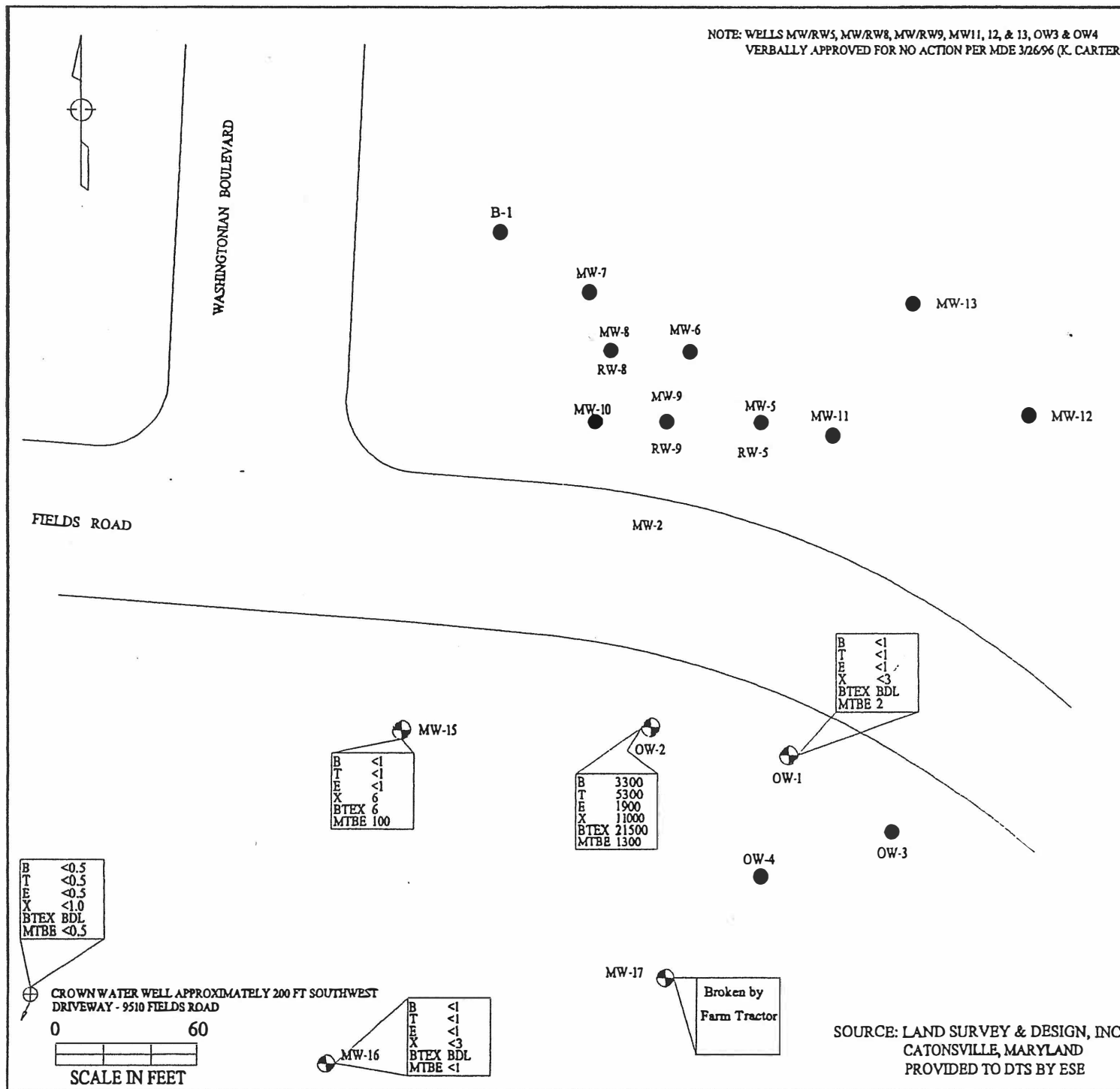
CHEVRON U.S.A
Former Facility #122203
9401 Fields Road
Gaithersburg, MD

Terraqueous, Inc.
9029 Orndorff Road
Emmitsburg, MD 21727

PROJECT # 9614

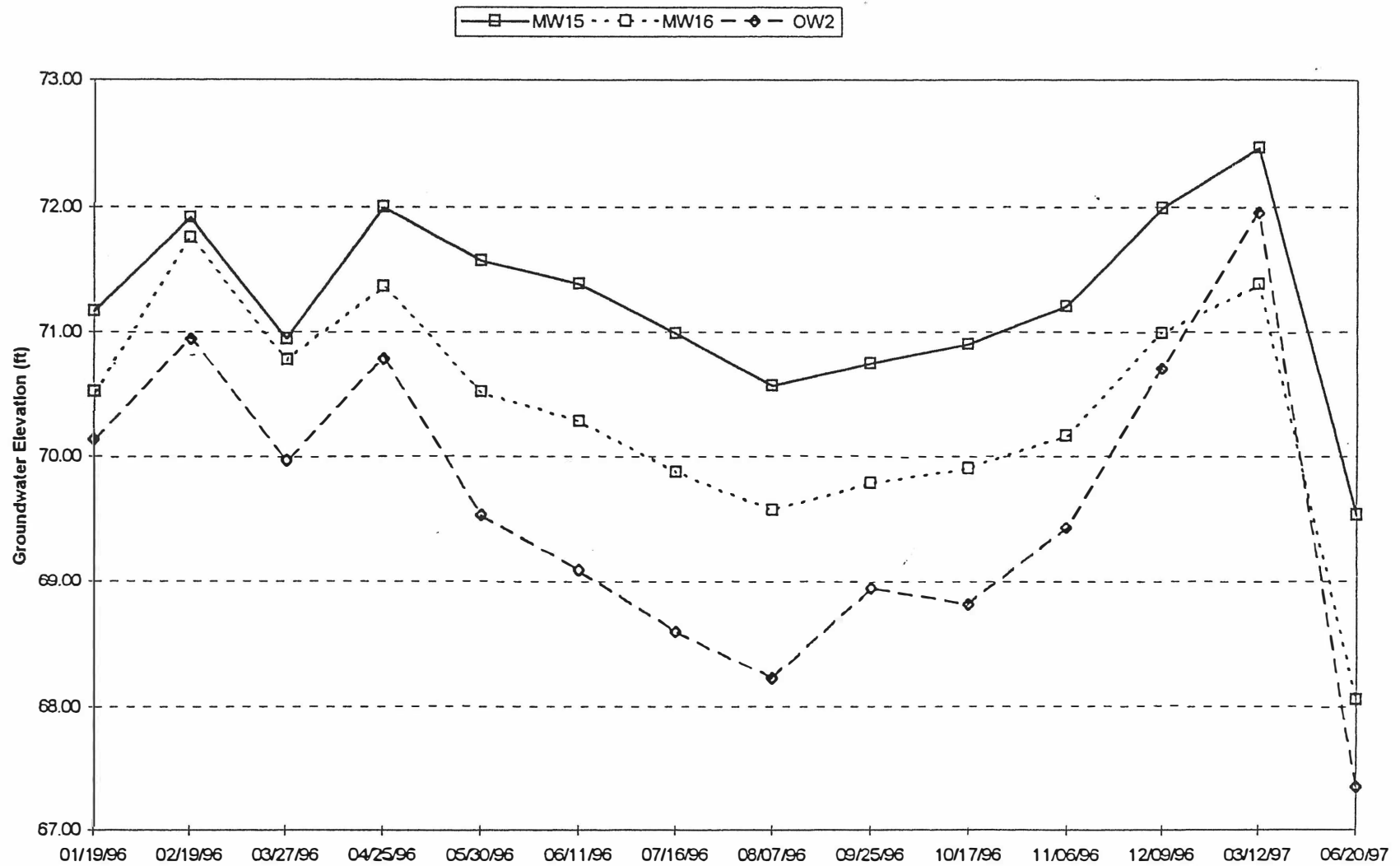
DATE: 06/20/97

DRAWN BY: DIH



SOURCE: LAND SURVEY & DESIGN, INC.
CATONSVILLE, MARYLAND
PROVIDED TO DTS BY ESE

Figure 4: Hydrograph of MW15, MW16, & OW2



Former Chevron 122203 Gaithersburg, MD

TABLES

Data prior to Dec. 95 supplied by ESE.

TABLE 1: LIQUID LEVEL MONITORING DATA

Well	Date	Prod. Depth	Water Depth	TOC Elev	Prod Elev	Water Elev	Corrected		Remarks
							Prod Thick	Water Elev	
MW-15	01/06/95	NA	31.69	97.05	NA	65.36	NA	65.36	
	02/01/95	NA	31.80	97.05	NA	65.25	NA	65.25	
	03/02/95	NA	31.44	97.05	NA	65.61	NA	65.61	
	04/14/95	NA	30.27	97.05	NA	66.78	NA	66.78	
	05/03/95	NA	30.31	97.05	NA	66.74	NA	66.74	
	06/01/95	NA	30.55	97.05	NA	66.50	NA	66.50	
	07/07/95	NA	31.51	97.05	NA	65.54	NA	65.54	
	08/01/95	NA	31.51	97.05	NA	65.54	NA	65.54	
	09/07/95	NA	31.70	97.05	NA	65.35	NA	65.35	
	10/12/95	NA	32.70	97.05	NA	64.35	NA	64.35	
	11/06/95	NA	32.62	97.05	NA	64.43	NA	64.43	
	12/15/95	NA	30.82	97.05	NA	66.23	NA	66.23	
	01/19/96	NA	25.88	97.05	NA	71.17	NA	71.17	
	02/19/96	NA	25.13	97.05	NA	71.92	NA	71.92	2"
	03/27/96	NA	26.10	97.05	NA	70.95	NA	70.95	DTB=36.85
	04/25/96	NA	25.05	97.05	NA	72.00	NA	72.00	MO-93-0242
	05/30/96	NA	25.47	97.05	NA	71.58	NA	71.58	
	06/11/96	NA	25.66	97.05	NA	71.39	NA	71.39	
	07/16/96	NA	26.06	97.05	NA	70.99	NA	70.99	
	08/07/96	NA	26.48	97.05	NA	70.57	NA	70.57	
	09/25/96	NA	26.30	97.05	NA	70.75	NA	70.75	
	10/17/96	NA	26.15	97.05	NA	70.90	NA	70.90	
	11/06/96	NA	25.84	97.05	NA	71.21	NA	71.21	
	12/09/96	NA	25.06	97.05	NA	71.99	NA	71.99	
	03/12/97	NA	24.58	97.05	NA	72.47	NA	72.47	
	06/20/97	NA	27.51	97.05	NA	69.54	NA	69.54	

Data prior to Dec. 95 supplied by ESE.

TABLE 1: LIQUID LEVEL MONITORING DATA

Well	Date	Prod. Depth	Water Depth	TOC Elev	Prod Elev	Water Elev	Corrected		Remarks
							Prod Thick	Water Elev	
MW-16	01/06/95	NA	32.43	96.04	NA	63.61	NA	63.61	
	02/01/95	NA	31.73	96.04	NA	64.31	NA	64.31	
	03/02/95	NA	31.05	96.04	NA	64.99	NA	64.99	
	04/14/95	NA	29.58	96.04	NA	66.46	NA	66.46	
	05/03/95	NA	29.71	96.04	NA	66.33	NA	66.33	
	06/01/95	NA	30.88	96.04	NA	65.16	NA	65.16	
	07/07/95	NA	31.33	96.04	NA	64.71	NA	64.71	
	08/01/95	NA	31.35	96.04	NA	64.69	NA	64.69	
	09/07/95	NA	31.65	96.04	NA	64.39	NA	64.39	
	10/12/95	NA	32.63	96.04	NA	63.41	NA	63.41	
	11/06/95	NA	32.70	96.04	NA	63.34	NA	63.34	
	12/15/95	NA	30.21	96.04	NA	65.83	NA	65.83	
	01/19/96	NA	25.52	96.04	NA	70.52	NA	70.52	2"
	02/19/96	NA	24.28	96.04	NA	71.76	NA	71.76	DTB=36.00
	03/27/96	NA	25.26	96.04	NA	70.78	NA	70.78	NO TAG
	04/25/96	NA	24.67	96.04	NA	71.37	NA	71.37	
	05/30/96	NA	25.52	96.04	NA	70.52	NA	70.52	
	06/11/96	NA	25.75	96.04	NA	70.29	NA	70.29	
	07/16/96	NA	26.16	96.04	NA	69.88	NA	69.88	
	08/07/96	NA	26.46	96.04	NA	69.58	NA	69.58	
	09/25/96	NA	26.25	96.04	NA	69.79	NA	69.79	
	10/17/96	NA	26.13	96.04	NA	69.91	NA	69.91	
	11/06/96	NA	25.87	96.04	NA	70.17	NA	70.17	
	12/09/96	NA	25.05	96.04	NA	70.99	NA	70.99	
	03/12/97	NA	24.65	96.04	NA	71.39	NA	71.39	
	06/20/97	NA	27.98	96.04	NA	68.06	NA	68.06	

Data prior to Dec. 95 supplied by ESE.

TABLE 1: LIQUID LEVEL MONITORING DATA

Well	Date	Prod. Depth	Water Depth	TOC Elev	Prod Elev	Water Elev	Corrected		Remarks
							Prod Thick	Water Elev	
MW-17	01/06/95	NA	28.01	91.02	NA	63.01	NA	63.01	
	02/01/95	NA	26.32	91.02	NA	64.70	NA	64.70	
	03/02/95	NA	25.70	91.02	NA	65.32	NA	65.32	
	04/14/95	NA	24.98	91.02	NA	66.04	NA	66.04	
	05/03/95	NA	25.67	91.02	NA	65.35	NA	65.35	
	06/01/95	NA	26.65	91.02	NA	64.37	NA	64.37	
	07/07/95	NA	27.46	91.02	NA	63.56	NA	63.56	
	08/01/95	NA	27.45	91.02	NA	63.57	NA	63.57	
	09/07/95	NA	27.91	91.02	NA	63.11	NA	63.11	
	10/12/95	NA	28.85	91.02	NA	62.17	NA	62.17	
	11/06/95	NA	28.47	91.02	NA	62.55	NA	62.55	2"
	12/15/95	NA	25.37	91.02	NA	65.65	NA	65.65	DTB=34.90
	01/19/96	NA	21.05	91.02	NA	69.97	NA	69.97	MO-93-0241
	02/19/96	NA	20.25	91.02	NA	70.77	NA	70.77	
	03/27/96	NA	21.21	91.02	NA	69.81	NA	69.81	
	04/25/96	NA	20.62	91.02	NA	70.40	NA	70.40	
	05/30/96	NA	21.61	91.02	NA	69.41	NA	69.41	
	06/11/96	NA	22.06	91.02	NA	68.96	NA	68.96	
	07/16/96	NA	22.38	91.02	NA	68.64	NA	68.64	
	08/07/96	NA	22.74	91.02	NA	68.28	NA	68.28	
	09/25/96	NA	21.98	91.02	NA	69.04	NA	69.04	
	10/17/96	NA	22.04	91.02	NA	68.98	NA	68.98	
	11/06/96	NA	21.55	91.02	NA	69.47	NA	69.47	
	12/09/96	NA	20.40	91.02	NA	70.62	NA	70.62	
	03/12/97	NA	19.48	91.02	NA	71.54	NA	71.54	
	06/20/97		4.70	91.02					Casing Broken by Farm Tractor

Data prior to Dec. 95 supplied by ESE.

TABLE 1: LIQUID LEVEL MONITORING DATA

Well	Date	Prod. Depth	Water Depth	TOC Elev	Prod Elev	Water Elev	Corrected		Remarks
							Prod Thick	Water Elev	
OW-1	01/06/95	NA	19.36	89.16	NA	69.80	NA	69.80	
	02/01/95	NA	17.62	89.16	NA	71.54	NA	71.54	
	03/02/95	NA	17.78	89.16	NA	71.38	NA	71.38	
	04/14/95	NA	16.32	89.16	NA	72.84	NA	72.84	
	05/03/95	NA	18.11	89.16	NA	71.05	NA	71.05	
	06/01/95	NA	18.74	89.16	NA	70.42	NA	70.42	
	07/07/95	NA	19.27	89.16	NA	69.89	NA	69.89	
	08/01/95	NA	19.64	89.16	NA	69.52	NA	69.52	
	09/07/95	NA	20.35	89.16	NA	68.81	NA	68.81	
	10/12/95	NA	21.38	89.16	NA	67.78	NA	67.78	DTB=30.10
	11/06/95	NA	NG	89.16	NA	NA	NA	NA	NO TAG
	12/15/95	NA	16.92	89.16	NA	72.24	NA	72.24	
	01/19/96	NA	12.25	89.16	NA	76.91	NA	76.91	
	02/19/96	NA	11.55	89.16	NA	77.61	NA	77.61	
	03/27/96	NA	12.50	89.16	NA	76.66	NA	76.66	
	04/25/96	NA	11.94	89.16	NA	77.22	NA	77.22	
	05/30/96	NA	12.83	89.16	NA	76.33	NA	76.33	
	06/11/96	NA	13.16	89.16	NA	76.00	NA	76.00	
	07/16/96	NA	13.61	89.16	NA	75.55	NA	75.55	
	08/07/96	NA	14.08	89.16	NA	75.08	NA	75.08	
	09/25/96	NA	13.62	89.16	NA	75.54	NA	75.54	
	10/17/96	NA	14.15	89.16	NA	75.01	NA	75.01	
	11/06/96	NA	13.54	89.16	NA	75.62	NA	75.62	
	12/09/96	NA	11.90	89.16	NA	77.26	NA	77.26	
	03/12/97	NA	10.37	89.16	NA	78.79	NA	78.79	
	06/20/97	NA	14.75	89.16	NA	74.41	NA	74.41	

Data prior to Dec. 95 supplied by ESE.

TABLE 1: LIQUID LEVEL MONITORING DATA

Well	Date	Prod. Depth	Water Depth	TOC Elev	Prod Elev	Water Elev	Corrected		Remarks
							Prod Thick	Water Elev	
OW-2	01/06/95	NA	28.44	91.14	NA	62.70	NA	62.70	
	02/01/95	NA	26.58	91.14	NA	64.56	NA	64.56	
	03/02/95	NA	26.11	91.14	NA	65.03	NA	65.03	
	04/14/95	NA	24.92	91.14	NA	66.22	NA	66.22	
	05/03/95	NA	26.08	91.14	NA	65.06	NA	65.06	
	06/01/95	NA	26.95	91.14	NA	64.19	NA	64.19	
	07/07/95	NA	27.72	91.14	NA	63.42	NA	63.42	DTB=30.60
	08/01/95	NA	27.74	91.14	NA	63.40	NA	63.40	MO-88-1075
	09/07/95	NA	28.17	91.14	NA	62.97	NA	62.97	
	10/12/95	NA	29.20	91.14	NA	61.94	NA	61.94	
	11/06/95	NA	NG	91.14	NA	NA	NA	NA	
	12/15/95	NA	25.95	91.14	NA	65.19	NA	65.19	
	01/19/96	NA	21.00	91.14	NA	70.14	NA	70.14	
	02/19/96	NA	20.19	91.14	NA	70.95	NA	70.95	
	03/27/96	NA	21.16	91.14	NA	69.98	NA	69.98	
	04/25/96	NA	20.35	91.14	NA	70.79	NA	70.79	
	05/30/96	NA	21.60	91.14	NA	69.54	NA	69.54	
	06/11/96	NA	22.04	91.14	NA	69.10	NA	69.10	
	07/16/96	NA	22.54	91.14	NA	68.60	NA	68.60	
	08/07/96	NA	22.91	91.14	NA	68.23	NA	68.23	
	09/25/96	NA	22.19	91.14	NA	68.95	NA	68.95	
	10/17/96	NA	22.32	91.14	NA	68.82	NA	68.82	
	11/06/96	NA	21.70	91.14	NA	69.44	NA	69.44	
	12/09/96	NA	20.43	91.14	NA	70.71	NA	70.71	
	03/12/97	NA	19.18	91.14	NA	71.96	NA	71.96	
	06/20/97	NA	23.79	91.14	NA	67.35	NA	67.35	

NOTES:

NG = Not Gauged

NA = Not Applicable

Data prior to Dec. 95 supplied by ESE.

TABLE 2: GROUNDWATER ANALYTICAL DATA

Well	Date	Method	Benzene (ug/L)	Toluene (ug/L)	Ethylb (ug/L)	Xylenes (ug/L)	Total (ug/L)	MTBE (ug/L)
MW-15	09/27/94	5030/8020	<1	<1	<1	<3	BDL	<5
	12/27/94	5030/8020	<1	<1	<1	<3	BDL	<5
	03/02/95	5030/8020	<1	<1	<1	<3	BDL	<5
	06/01/95	5030/8020	<1	<1	<1	<3	BDL	<5
	09/07/95	5030/8020	<1	<1	<1	<3	BDL	<5
	12/15/95	5030/8020	<1	<1	<1	<3	BDL	<1
	03/27/96	5030/8020	<1	<1	<1	<3	BDL	<1
	06/11/96	5030/8020	<1	<1	<1	<3	BDL	<1
	09/25/96	5030/8020	<1	<1	<1	<3	BDL	1
	12/09/96	5030/8020	<1	<1	<1	<3	BDL	1
	03/12/97	5030/8020	<1	<1	<1	<3	BDL	<1
	06/20/97	5030/8020	<1	<1	<1	6	6	100
MW-16	09/27/94	5030/8020	<1	<1	<1	<3	BDL	<5
	12/27/94	5030/8020	<1	<1	<1	<3	BDL	<5
	03/02/95	5030/8020	<1	<1	<1	<3	BDL	<5
	06/01/95	5030/8020	<1	<1	<1	<3	BDL	<5
	09/07/95	5030/8020	<1	<1	<1	<3	BDL	<1
	12/15/95	5030/8020	<1	<1	<1	<3	BDL	<1
	03/27/96	5030/8020	<1	<1	<1	<3	BDL	<1
	06/11/96	5030/8020	<1	<1	<1	<3	BDL	<1
	09/25/96	5030/8020	<1	<1	<1	<3	BDL	<1
	12/09/96	5030/8020	<1	<1	<1	<3	BDL	<1
	03/12/97	5030/8020	<1	<1	<1	<3	BDL	<1
	06/20/97	5030/8020	<1	<1	<1	<3	BDL	<1
MW-17	09/27/94	5030/8020	13	<1	<1	<3	13	13
	12/27/94	5030/8020	36	3	<1	12	51	<5
	03/02/95	5030/8020	240	17	81	300	638	100
	06/01/95	5030/8020	29	<1	<1	4	33	<50
	09/07/95	5030/8020	32	9	2	97	140	22
	12/15/95	5030/8020	190	18	75	230	513	91
	03/27/96	5030/8020	<1	<1	<1	<3	BDL	2
	06/11/96	5030/8020	7	<1	<1	<3	7	17
	09/25/96	5030/8020	7	<1	<1	7	14	5
	12/09/96	5030/8020	28	13	<1	25	66	17
	03/12/97	5030/8020	120	2	7	40	169	86
	06/20/97	5030/8020	NS Well broken by tractor					

DTS Project #9614

Former Chevron #122203

9401 Fields Road

Gaithersburg, MD

Data prior to Dec. 95 supplied by ESE.

TABLE 2: GROUNDWATER ANALYTICAL DATA

Well	Date	Method	Benzene (ug/L)	Toluene (ug/L)	Ethylb (ug/L)	Xylenes (ug/L)	Total (ug/L)	MTBE (ug/L)
OW-1	09/23/91		140	1	2	150	293	NA
	12/18/91		120	2	2	130	254	NA
	03/19/92		14	1	0	18	33	13
	06/25/92		2	1	<0.3	6	9	<5
	09/16/92		2	0	<0.3	4	6	<5
	12/02/92	5030/8020	3	2	<1	<1	5	2
	03/04/93	5030/8020	<1	<1	<1	2	2	<1
	06/02/93	8020	<1	<1	<1	<1	BDL	NA
	09/01/93	8020	<1	<1	<1	<3	BDL	NA
	12/13/93	5030/8020	<1	<1	<1	<3	BDL	<1
	03/11/94	5030/8020	<1	<1	<1	<3	BDL	<1
	06/03/94	5030/8020	<1	<1	<1	<3	BDL	<1
	09/27/94	5030/8020	2	<1	<1	3	5	8
	12/27/94	5030/8020	1	<1	<1	<3	1	<5
	03/02/95	5030/8020	<1	<1	<1	<3	BDL	2
	06/01/95	5030/8020	<1	<1	<1	<3	BDL	3
	09/07/95	5030/8020	<1	<1	<1	<3	BDL	3
	12/15/95	5030/8020	<1	<1	<1	<3	BDL	2
	03/27/96	5030/8020	<1	<1	<1	<3	BDL	<1
	06/11/96	5030/8020	<1	<1	<1	<3	BDL	1
	09/25/96	5030/8020	<1	<1	<1	<3	BDL	2
	12/09/96	5030/8020	<1	<1	<1	<3	BDL	2
	03/12/97	5030/8020	<1	<1	<1	<3	BDL	<1
	06/20/97	5030/8020	<1	<1	<1	<3	BDL	2

Data prior to Dec. 95 supplied by ESE.

TABLE 2: GROUNDWATER ANALYTICAL DATA

Well	Date	Method	Benzene (ug/L)	Toluene (ug/L)	Ethylb (ug/L)	Xylenes (ug/L)	Total (ug/L)	MTBE (ug/L)
OW-2	09/23/91		12000	19000	2000	12000	45000	NA
	12/18/91		3200	4800	1400	8500	17900	NA
	03/19/92		9300	20000	2100	13000	44400	4300
	06/25/92		14000	20000	2500	15000	51500	6400
	09/16/92		11000	19000	2400	15000	47400	5700
	12/02/92	5030/8020	11000	18000	1700	11700	42400	4000
	03/04/93	5030/8020	12000	20000	2100	13100	47200	4300
	06/02/93	8020	8800	11000	1800	11900	33500	NA
	09/01/93	8020	11000	17000	2400	15000	45400	NA
	12/13/93	5030/8020	10000	19000	2300	15000	46300	3400
	03/11/94	5030/8020	7200	14000	1600	12000	34800	3100
	06/03/94	5030/8020	450	1100	530	3800	5880	180
	09/27/94	5030/8020	6600	13000	1900	13000	34500	4000
	12/27/94	5030/8020	5200	13000	2300	14000	34500	1900
	03/02/95	5030/8020	7300	15000	2000	11000	35300	NA
	06/01/95	5030/8020	5400	13000	1900	13000	33300	2100
	09/07/95	5030/8020	5600	14000	2300	15000	36900	1900
	12/15/95	5030/8020	5000	12000	1900	12000	30900	1900
	03/27/96	5030/8020	2000	3700	960	7500	14160	770
	06/11/96	5030/8020	1500	2700	620	4500	9320	590
	09/25/96	5030/8020	3900	7300	1900	13000	26100	1900
	12/09/96	5030/8020	1600	3100	800	5600	11100	870
	03/12/97	5030/8020	15	29	11	520	575	11
	06/20/97	5030/8020	3300	5300	1900	11000	21500	1300

Data prior to Dec. 95 supplied by ESE.

TABLE 2: GROUNDWATER ANALYTICAL DATA

Well	Date	Method	Benzene (ug/L)	Toluene (ug/L)	Ethylb (ug/L)	Xylenes (ug/L)	Total (ug/L)	MTBE (ug/L)
CROWN'S Potable Well	09/23/91		NS	NS	NS	NS	BDL	NA
	12/18/91		<0.3	<0.3	<0.3	<0.3	BDL	NA
	03/19/92		<0.3	<0.3	<0.3	<0.3	BDL	<5
	06/25/92		<0.5	<0.5	<0.5	<0.5	BDL	<5
	09/16/92		<0.3	<0.3	<0.3	<0.5	BDL	<5
	12/02/92	5030/8020	<1	<1	<1	<1	BDL	<1
	01/06/93	5030/8020	<1	<1	<1	<1	BDL	<1
	02/03/93	5030/8020	<1	<1	<1	<1	BDL	<1
	03/04/93	5030/8020	<1	<1	<1	<1	BDL	<1
	05/05/93	8020	<1	<1	<1	<1	BDL	NA
	06/02/93	8020	<1	<1	<1	<1	BDL	NA
	07/08/93	8020	<1	<1	<1	<3	BDL	NA
	08/04/93	8020	<1	<1	<1	<3	BDL	NA
	09/01/93	8020	<1	<1	<1	<3	BDL	NA
	10/06/93	8020	<1	<1	<1	<3	BDL	NA
	11/08/93	8020	<1	<1	<1	<3	BDL	NA
	12/13/93	5030/8020	<1	<1	<1	<3	BDL	<1
	01/03/94	5030/8020	<1	<1	<1	<3	BDL	<1
	02/01/94	5030/8020	<1	<1	<1	<3	BDL	NA
	03/11/94	5030/8020	<1	<1	<1	<3	BDL	<1
	04/04/94	5030/8020	<1	<1	<1	<3	BDL	<1
	05/04/94	5030/8020	<1	<1	<1	<3	BDL	<1
	06/03/94	5030/8020	<1	<1	<1	<3	BDL	<1
	07/11/94	5030/8020	<1	<1	<1	<3	BDL	<5
	08/01/94	5030/8020	<1	<1	<1	<3	BDL	<1
	09/27/94	5030/8020	<1	<1	<1	<3	BDL	<5
	10/07/94	5030/8020	<1	<1	<1	<3	BDL	<5
	11/01/94	5030/8020	<1	<1	<1	<3	BDL	<5
	12/27/94	5030/8020	<1	<1	<1	<3	BDL	<5
	01/06/95	5030/8020	<1	<1	<1	<3	BDL	<1
	02/01/95	5030/8020	<1	<1	<1	<3	BDL	<5
	03/02/95	5030/8020	<1	<1	<1	<3	BDL	<5
	04/26/95	8020	<1	<1	<1	<3	BDL	<5
	05/15/95	8020	<1	<1	<1	<3	BDL	<1
	06/02/95	5030/8020	<1	<1	<1	<3	BDL	<5
	07/18/95	5030/8020	<1	<1	<1	<3	BDL	<5
	08/01/95	5030/8020	<1	<1	<1	<3	BDL	<1
	09/07/95	5030/8020	<1	<1	<1	<3	BDL	<1
	10/12/95	5030/8020	<1	<1	<1	<3	BDL	<1
	11/06/95	5030/8020	<1	<1	<1	<3	BDL	<1
	12/15/95	5030/8020	<1	<1	<1	<3	BDL	<1
	01/23/96	8020	<1	<1	<1	<3	BDL	<1
	02/19/96	8020	<1	<1	<1	<3	BDL	1
	03/13/96	524	< 0.5	< 0.5	< 0.5	< 1.0	BDL	1.5
	04/25/96	524	< 0.5	< 0.5	< 0.5	< 1.0	BDL	1.7
	05/30/96	524	< 0.5	< 0.5	< 0.5	< 1.0	BDL	1.3

Data prior to Dec. 95 supplied by ESE.

TABLE 2: GROUNDWATER ANALYTICAL DATA

Well	Date	Method	Benzene (ug/L)	Toluene (ug/L)	Ethylb (ug/L)	Xylenes (ug/L)	Total (ug/L)	MTBE (ug/L)
CROWN'S Potable Well (con't)	06/11/96	524	< 0.5	< 0.5	< 0.5	< 1.0	BDL	1.1
	07/16/96	524	< 0.5	< 0.5	< 0.5	< 1.0	BDL	0.8
	08/07/96	524	< 0.5	< 0.5	< 0.5	< 1.0	BDL	0.7
	09/25/96	524	< 0.5	< 0.5	< 0.5	< 1.0	BDL	1.1
	10/17/96	524	< 0.5	< 0.5	< 0.5	< 1.0	BDL	0.8
	11/06/96	524	< 0.5	< 0.5	< 0.5	< 1.0	BDL	0.8
	12/09/96	524	< 0.5	< 0.5	< 0.5	< 1.0	BDL	< 0.5
	02/20/97	524	< 0.5	< 0.5	< 0.5	< 1.0	BDL	< 0.5
	04/29/97	524	< 0.5	< 0.5	< 0.5	< 1.0	BDL	< 0.5
	06/20/97	524	< 0.5	< 0.5	< 0.5	< 1.0	BDL	< 0.5

NOTES:

NS = Not Sampled

BDL = Below Detection Limit

NA = Not Analyzed

Data prior to Dec. 95 supplied by ESE.

TABLE 3: GROUNDWATER ANALYTICAL DATA

Well	Date	Method	Benzene (ug/L)	Toluene (ug/L)	Ethylb (ug/L)	Xylenes (ug/L)	Total (ug/L)	MTBE (ug/L)
OW-3	09/23/91		<0.3	0	<0.3	1	1	NA
	12/18/91		<0.3	<0.3	<0.03	<0.05	BDL	NA
	03/19/92		<0.3	<0.3	<0.3	<0.5	BDL	<0.3
	06/25/92		<0.3	<0.3	<0.3	<0.5	BDL	<5
	09/16/92		<0.3	<0.3	<0.3	<0.5	BDL	<5
	12/02/92	5030/8020	<1	<1	<1	<1	BDL	<1
	03/04/93	5030/8020	<1	1	<1	2	3	1
	06/02/93	8020	<1	1	<1	<1	1	NA
	09/01/93	8020	<1	<1	<1	<3	BDL	NA
	12/13/93	5030/8020	<1	<1	<1	<3	BDL	<1
	03/11/94	5030/8020	<1	<1	<1	<3	BDL	14
	06/03/94	5030/8020	<1	<1	<1	<3	BDL	<1
	09/27/94	5030/8020	<1	1	1	<3	2	<5
	12/27/94	5030/8020	<1	<1	<1	<3	BDL	<5
	03/02/95	5030/8020	<1	<1	<1	<3	BDL	<1
	06/01/95	5030/8020	<1	<1	<1	<3	BDL	<5
	09/07/95	5030/8020	<1	<1	<1	<3	BDL	<1
	12/15/95	5030/8020	<1	<1	<1	<3	BDL	<1
	03/20/97				Well Abandoned			
OW-4	09/23/91		170	27	27	820	1044	NA
	12/18/91		160	15	8	610	793	NA
	03/19/92		160	8	4	340	512	40
	06/25/92		150	13	6	430	599	41
	09/16/92		130	8	4	340	482	61
	12/02/92	5030/8020	71	2	3	213	289	34
	03/04/93	5030/8020	39	2	1	106	148	13
	06/02/93	8020	23	1	<1	55	79	NA
	09/01/93	8020	31	<2	<1	65	96	NA
	12/13/93	5030/8020	12	<1	<1	19	31	6
	03/11/94	5030/8020	2	<1	<1	4	6	1
	06/03/94	5030/8020	3	<1	<1	7	10	<1
	09/27/94	5030/8020	9	<1	<1	10	19	<5
	12/27/94	5030/8020	10	<1	<1	7	17	<5
	03/02/95	5030/8020	2	<1	<1	<3	2	1
	06/01/95	5030/8020	5	<1	<1	4	9	<5
	09/07/95	5030/8020	<1	<1	<1	<3	BDL	<1
	12/15/95	5030/8020	<1	<1	<1	<3	BDL	<1
	03/20/97				Well Abandoned			

Data prior to Dec. 95 supplied by ESE.

TABLE 3: GROUNDWATER ANALYTICAL DATA

Well	Date	Method	Benzene (ug/L)	Toluene (ug/L)	Ethylb (ug/L)	Xylenes (ug/L)	Total (ug/L)	MTBE (ug/L)
MW-2 (RW-2)	09/23/91		3700	5000	370	3100	12170	NA
	12/18/91		5500	16000	3000	3900	28400	NA
	03/19/92		8600	18000	2000	13000	41600	3900
	06/25/92		290	820	70	2100	3280	90
	09/16/92		NS	NS	NS	NS	NS	NS
	12/02/92	5030/8020	2900	9900	910	8600	22310	<600
	03/04/93	5030/8020	3700	21000	1600	11000	37300	2800
	06/02/93	8020	1200	6800	400	6700	15100	NA
	09/23/93	8020	1200	5100	300	2800	9400	NA
	12/13/93	5030/8020	7500	18000	2000	13000	40500	3200
	03/11/94	5030/8020	Well was obstructed by utility work					
	06/27/94	5030/8020	5500	17000	1900	13000	37400	1900
	09/27/94	5030/8020	NS	NS	NS	NS	NS	NS
	12/27/94	5030/8020	NS	NS	NS	NS	NS	NS
	03/02/95	5030/8020	3500	15000	1500	14000	34000	1200
	06/02/95	5030/8020	390	390	870	9600	11250	25
	09/07/95	5030/8020	4	3	13	21	41	<5
	12/15/95	5030/8020	1200	3200	1500	6500	12400	4
	03/27/96	5030/8020	1000	450	920	3400	5770	30
	06/11/96	5030/8020	930	110	620	1700	3360	20
	09/25/96	5030/8020	1000	480	680	1700	3860	17
	03/20/97		Well Abandoned					
MW-5	09/23/91		2600	4000	470	8000	15070	NA
	12/18/91		1300	2200	270	5700	9470	NA
	03/19/92		770	2700	190	6000	9660	2100
	06/25/92		540	1400	250	4400	6590	1700
	09/16/92		390	760	140	4800	6090	1300
	12/02/92	5030/8020	NS	NS	NS	NS	NS	NS
	03/04/93	5030/8020	NS	NS	NS	NS	NS	NS
	06/02/93	8020	NS	NS	NS	NS	NS	NS
	09/01/93	8020	80	140	50	1700	1970	NA
	09/07/95	5030/8020	<1	<1	<1	<3	BDL	10
	12/15/95	5030/8020	6	2	3	64	75	37
	03/20/97		Well Abandoned					

Data prior to Dec. 95 supplied by ESE.

TABLE 3: GROUNDWATER ANALYTICAL DATA

Well	Date	Method	Benzene (ug/L)	Toluene (ug/L)	Ethylb (ug/L)	Xylenes (ug/L)	Total (ug/L)	MTBE (ug/L)
RW-5 (MW-5A)	09/23/91		1800	1800	230	3200	7030	NA
	12/18/91		4900	5400	1000	6800	18100	NA
	03/19/92		1200	330	76	850	2456	1100
	06/25/92		1800	1300	87	4200	7387	2000
	09/16/92		1000	490	85	1800	3375	1300
	12/02/92	5030/8020	240	58	11	334	643	600
	03/04/93	5030/8020	320	190	30	1640	2180	450
	06/02/93	8020	760	1100	80	3040	4980	NA
	09/01/93	8020	830	850	26	2400	4106	NA
	12/13/93	5030/8020	390	170	20	760	1340	260
	03/11/94	5030/8020	2	10	4	140	156	69
	06/27/94	5030/8020	80	90	30	880	1080	100
	09/27/94	5030/8020	4	2	1	55	62	76
	12/27/94	5030/8020	89	26	3	560	678	110
	03/02/95	5030/8020	42	10	<1	430	482	94
	06/01/95	5030/8020	2	<1	<1	15	17	24
	09/07/95		NS	NS	NS	NS	NS	NS
	12/15/95		NS	NS	NS	NS	NS	NS
	03/20/97				Well Abandoned			
MW-6	09/23/91		6300	7700	1000	10000	25000	NA
	12/18/91		6700	11000	1300	12000	31000	NA
	03/19/92		5600	12000	1100	10000	28700	840
	06/25/92		4200	8700	1900	17000	31800	710
	09/16/92		3400	6900	1100	12000	23400	600
	12/02/92	5030/8020	2900	1000	600	7000	11500	300
	03/04/93	5030/8020	2000	8800	700	13200	24700	400
	06/02/93	8020	3100	18000	2100	18900	42100	NA
	09/01/93	8020	2200	15000	2300	18000	37500	NA
	12/13/93	5030/8020	2900	6500	900	14000	24300	400
	03/11/94	5030/8020	<1	1	<1	8	9	4
	06/03/94	5030/8020	2	3	1	26	32	29
	09/27/94	5030/8020	<1	<1	<1	7	7	<5
	12/27/94	5030/8020	160	20	70	1400	1650	60
	03/02/95	5030/8020	<1	<1	<1	<3	BDL	2
	06/01/95	5030/8020	54	8	13	430	505	19
	09/07/95	5030/8020	520	1200	760	4800	7280	80
	12/15/95	5030/8020	25	1	2	32	60	10
	03/27/96	5030/8020	2	2	3	49	56	8
	06/11/96	5030/8020	<1	<1	<1	<3	BDL	<1
	09/25/96	5030/8020	5	4	5	54	68	10
	03/20/97				Well Abandoned			

Data prior to Dec. 95 supplied by ESE.

TABLE 3: GROUNDWATER ANALYTICAL DATA

Well	Date	Method	Benzene (ug/L)	Toluene (ug/L)	Ethylb (ug/L)	Xylenes (ug/L)	Total (ug/L)	MTBE (ug/L)
MW-7	09/23/91		5700	440	1300	10000	17440	NA
	12/18/91		6600	720	1600	12000	20920	NA
	03/19/92		5200	810	1200	9500	16710	1100
	06/25/92		5900	490	1300	12000	19690	710
	09/16/92		4900	440	1100	10000	16440	750
	12/02/92	5030/8020	3800	260	810	7500	12370	480
	03/04/93	5030/8020	3700	180	700	6000	10580	410
	06/02/93	8020	4000	200	1000	6400	11600	NA
	09/01/93	8020	590	50	270	2000	2910	NA
	12/13/93	5030/8020	3400	490	1300	7200	12390	340
	03/11/94	5030/8020	3300	310	1200	8900	13710	350
	06/03/94	5030/8020	1700	120	750	4400	6970	200
	09/27/94	5030/8020	62	50	240	1100	1452	9
	12/27/94	5030/8020	66	62	300	1300	1728	<30
	03/02/95	5030/8020	210	130	350	1800	2490	14
	06/01/95	5030/8020	270	770	1100	5300	7440	<50
	09/07/95	5030/8020	12	840	650	3500	5002	6
	12/15/95	5030/8020	1200	910	1600	7000	10710	70
	03/27/96	5030/8020	280	480	650	3400	4810	20
	06/11/96	5030/8020	18	50	180	760	1008	2
	09/25/96	5030/8020	54	800	1200	5900	7954	14
	03/20/97				Well Abandoned			
MW-8	09/23/91		9	2	2	91	104	NA
	12/18/91		7500	16000	21000	13000	57500	NA
	03/19/92		2300	5300	580	4500	12680	1100
	06/25/92		4000	8100	1100	8300	21500	1500
	09/16/92		6300	9400	1300	10000	27000	2300
	12/02/92		NS	NS	NS	NS	NS	NS
	03/04/93		NS	NS	NS	NS	NS	NS
	06/02/93	8020	820	180	380	1730	3110	NA
	09/01/93	8020	1100	30	310	640	2080	NA
	12/13/93	5030/8020	2700	3100	990	4900	11690	570
	09/07/95	5030/8020	16	2	3	39	60	7
	12/15/95	5030/8020	1500	520	1400	6100	9520	240
	03/20/97				Well Abandoned			

Data prior to Dec. 95 supplied by ESE.

TABLE 3: GROUNDWATER ANALYTICAL DATA

Well	Date	Method	Benzene (ug/L)	Toluene (ug/L)	Ethylb (ug/L)	Xylenes (ug/L)	Total (ug/L)	MTBE (ug/L)
RW-9 (MW-9A)	09/23/91		2700	7700	800	6700	17900	NA
	12/18/91		1500	7600	1000	9600	19700	NA
	03/19/92		420	4500	880	8000	13800	1500
	06/25/92		2200	9000	1300	11000	23500	2300
	09/16/92		1200	9600	2000	13000	25800	2000
	12/02/92	5030/8020	1700	6000	530	5700	13930	1700
	03/04/93	5030/8020	2000	5700	600	5200	13500	1700
	06/02/93	8020	5100	12000	1600	11500	30200	NA
	09/01/93	8020	7600	8700	1500	9600	27400	NA
	12/13/93	5030/8020	2800	6500	540	8200	18040	<500
	03/11/94	5030/8020	830	2600	460	4600	8490	<500
	06/27/94	5030/8020	450	500	180	1700	2830	280
	09/27/94	5030/8020	3	1	11	66	81	<5
	12/27/94	5030/8020	27	13	29	130	199	<5
	03/02/95	5030/8020	22	91	27	1400	1540	130
	06/01/95	5030/8020	13	100	63	770	946	21
	09/07/95		NS	NS	NS	NS	NS	NS
	12/15/95		NS	NS	NS	NS	NS	NS
	03/20/97				Well Abandoned			
MW-10 (RW-10)	09/23/91		3500	4700	860	6400	15460	NA
	12/18/91		5200	5700	1200	7200	19300	NA
	03/19/92		4200	4800	620	5700	15320	2400
	06/25/92		4600	4400	740	5800	15540	3400
	09/16/92		3700	3900	830	5800	14230	2500
	12/02/92	5030/8020	3400	3100	430	4110	11040	1700
	03/04/93	5030/8020	4400	4700	410	5300	14810	2600
	06/02/93	8020	NS	NS	NS	NS	NS	NS
	09/01/93	8020	500	150	470	2200	3320	NA
	12/13/93	5030/8020	3100	2800	890	6000	12790	1300
	03/11/94	5030/8020	900	1300	280	3600	6080	640
	06/27/94	5030/8020	1100	1300	440	3100	5940	600
	09/27/94	5030/8020	NS	NS	NS	NS	NS	NS
	12/27/94	5030/8020	1400	540	870	3500	6310	1000
	03/02/95	5030/8020	1400	540	780	3400	6120	890
	06/01/95	5030/8020	360	70	1100	2700	4230	130
	09/07/95	5030/8020	9	15	900	1100	2024	20
	12/15/95	5030/8020	100	18	840	1100	2058	75
	03/27/96	5030/8020	28	6	260	320	614	26
	06/11/96	5030/8020	63	3	370	490	926	61
	09/25/96	5030/8020	14	17	270	630	931	28
	03/20/97				Well Abandoned			

Data prior to Dec. 95 supplied by ESE.

TABLE 3: GROUNDWATER ANALYTICAL DATA

Well	Date	Method	Benzene (ug/L)	Toluene (ug/L)	Ethylb (ug/L)	Xylenes (ug/L)	Total (ug/L)	MTBE (ug/L)
MW-11	09/23/91		22	54	13	150	239	NA
	12/18/91		5	25	5	100	135	NA
	03/19/92		3	32	5	500	540	790
	06/25/92		0	2	1	22	25	110
	09/16/92		1	1	1	12	15	140
	12/02/92	5030/8020	<1	<1	<1	<1	BDL	20
	03/04/93	5030/8020	<1	<1	<1	<1	BDL	11
	06/02/93	8020	<1	<1	<1	<1	BDL	NA
	09/01/93	8020	<1	<1	<1	<3	BDL	NA
	12/13/93	5030/8020	<1	<1	<1	<3	BDL	3
	03/11/94	5030/8020	<1	<1	<1	<3	BDL	3
	06/03/94	5030/8020	<1	<1	<1	<3	BDL	20
	09/27/94	5030/8020	<1	<1	<1	<3	BDL	<5
	12/27/94	5030/8020	3	7	1	8	19	<5
	03/02/95	5030/8020	<1	<1	<1	<3	BDL	<1
	06/01/95	5030/8020	<1	<1	<1	<3	BDL	<5
	09/07/95	5030/8020	<1	<1	<1	<3	BDL	<5
	12/15/95	5030/8020	<1	<1	<1	<3	BDL	<1
	03/20/97						Well Abandoned	
MW-12	08/12/92		<0.11	<0.28	<0.45	<.96	BDL	NA
	09/16/92		<0.3	<0.3	<0.3	<0.5	BDL	<5
	12/02/92	5030/8020	<50	<50	<50	<50	BDL	<50
	03/04/93	5030/8020	<1	<1	<1	<1	BDL	<1
	06/02/93	8020	<1	<1	<1	<1	BDL	NA
	09/01/93	8020	<1	<1	<1	<3	BDL	NA
	12/13/93	5030/8020	<1	<1	<1	<3	BDL	<1
	03/11/94	5030/8020	<1	<1	<1	<3	BDL	<1
	06/03/94	5030/8020	<1	<1	<1	<3	BDL	<1
	09/27/94	5030/8020	<1	<1	<1	<3	BDL	<5
	12/27/94	5030/8020	<1	<1	<1	<3	BDL	<5
	03/02/95	5030/8020	<1	<1	<1	<3	BDL	<1
	06/01/95	5030/8020	<1	<1	<1	<3	BDL	<5
	09/07/95	5030/8020	<1	<1	<1	<3	BDL	<5
	12/15/95	5030/8020	<1	<1	<1	<3	BDL	<1
	03/20/97						Well Abandoned	

Data prior to Dec. 95 supplied by ESE.

TABLE 3: GROUNDWATER ANALYTICAL DATA

Well	Date	Method	Benzene (ug/L)	Toluene (ug/L)	Ethylb (ug/L)	Xylenes (ug/L)	Total (ug/L)	MTBE (ug/L)
MW-13	08/12/92		<1.2	<0.31	<0.49	<1.0	BDL	NA
	09/16/92		<0.3	<0.3	<0.3	<0.5	BDL	<5
	12/02/92	5030/8020	<1	<1	<1	<1	BDL	<1
	03/04/93	5030/8020	<1	<1	<1	<1	BDL	<1
	06/02/93	8020	<1	<1	<1	<1	BDL	NA
	09/01/93	8020	<1	<1	<1	<3	BDL	NA
	12/13/93	5030/8020	<1	<1	<1	<3	BDL	<1
	03/11/94	5030/8020	<1	<1	<1	<3	BDL	<1
	06/03/94	5030/8020	<1	<1	<1	<3	BDL	<1
	09/27/94	5030/8020	<1	<1	<1	<3	BDL	<5
	12/27/94	5030/8020	<1	<1	<1	<3	BDL	<5
	03/02/95	5030/8020	<1	<1	<1	<3	BDL	<5
	06/01/95	5030/8020	<1	<1	<1	<3	BDL	<5
	09/07/95	5030/8020	<1	<1	<1	<3	BDL	<5
	12/15/95	5030/8020	<1	<1	<1	<3	BDL	<1
	03/20/97				Well Abandoned			



MARYLAND DEPARTMENT OF THE ENVIRONMENT

2500 Broening Highway • Baltimore Maryland 21224
(410) 631-3000 • 1-800-633-6101 • <http://www.mde.state.md.us>

Parris N. Glendening
Governor

Jane T. Nishida
Secretary

September 25, 1998

Ms. Donna Miller
Chevron Products Company
Suite 800
2300 Windy Ridge Parkway
Atlanta GA 30339

RE: Case No. 88-1633 MO
Former Chevron No. 122203
9401 Fields Road
Gaithersburg, Maryland

Dear Ms. Miller:

The Waste Management Administration's Oil Control Program has reviewed the sampling results submitted with your September 2, 1998 letter for the above-referenced site. Based on these results, the Oil Control Program requires all monitoring wells and the shallow well situated on the neighboring property be sampled quarterly for BTEX and MTBE for the next three quarters. If the shallow potable well samples contain levels of dissolve gasoline constituents, notify this office immediately. All monitoring wells must be gauged on a quarterly basis for depth-to-water and depth-to-product, if present. At the end of each quarter, submit the sampling and gauging data in a tabular format, including historical results to Regional Inspector Deborah Jameson. After the completion of the final sampling round, the Oil Control Program will review the results and determine site status.

Please feel free to contact me or Ms. Brown if you have any questions at (410) 631-3442.

Sincerely,

John J. Smiechowski, Region I Section Head
Compliance/Remediation Division
Oil Control Program

BB/nlb

cc: Mr. Richard Collins
Mr. Herbert Meade



Handex of Maryland, Inc., 1250 Blair Drive, Suite H, Odenton, MD 21118

MEMORANDUM

DATE: November 19, 1996 *SUE*
TO: Mr. Robert Day (MDE)
FROM: Rane Wilson
SUBJ: Star 15730 Shady Grove Road, Gaithersburg, MD

9-11424026

3009282
MO

Mr. Day:

Pursuant to our discussion on November 14, 1996, this memorandum has been prepared to provide the Maryland Department of the Environment (MDE) with information concerning the final disposition of the oil/water separator excavated from the above referenced site.

The 550-gallon oil/water separator was used as a flow through process vessel during on-site remediation activities. Prior to receiving regulatory closure, the MDE requested that this separator be excavated. On September 18, 1996, you met Handex personnel on-site and witnessed the excavation of the separator. As you are aware, the separator was excavated intact, without any evidence of corrosion or pitting, and retained the original print on the exterior. As this separator was excavated in excellent condition, it was returned to Handex's operation facility and will be used at another Star facility, if needed.

If you have any further questions concerning this matter or require additional information, please do not hesitate to contact me or Larry Smith (Star) at (804)743-0368.

Rane Wilson

pc: L.B. Smith - Star
Client Correspondence File

k:\... \Star\ShadyGrove.sia



MARYLAND DEPARTMENT OF THE ENVIRONMENT
2500 Broening Highway • Baltimore, Maryland 21224
(410) 631-3000

Parris N. Glendening
Governor

Jane T. Nishida
Secretary

November 14, 1996

NOTICE OF COMPLIANCE

Mr. Larry Smith
Southeastern Region
Star Enterprise
3800 Pickett Road
Fairfax VA 22031

RE: Case No. 9-1142 MO1
Station No. 23-068-322
15730 Shady Grove Road
Gaithersburg, Maryland

Dear Mr. Smith:

On November 14, 1996, a representative of the Waste Management Administration's Oil Control Program reviewed the Administration's case file and a report submitted by Handex of Maryland, Inc. dated April 1996 on the above-referenced property. Based on this review and information submitted, it has been determined that four underground storage tanks and one oil/water separator have been removed and 15 monitoring wells have been installed and sampled. The Administration does not presently require corrective action at this facility based on analytical data and site observations. Thus, the above-referenced property is now in compliance with Code of Maryland Regulation (COMAR) 26.10.10.02. The Administration hereby closes its case in reference to this site.

The monitoring wells may be abandoned in compliance with COMAR 26.04.04. We recommend that you contact your county health department at (301) 217-7272 concerning the well abandonments. This notice should not be construed as a waiver of the Administration's right to take enforcement action in regards to activities not addressed by this case. If there are any questions concerning this matter, please telephone this office at (410) 631-3442.

Sincerely,

John J. Smiechowski, Region I Section Head
Compliance/Remediation Division
Oil Control Program

rd/nlb

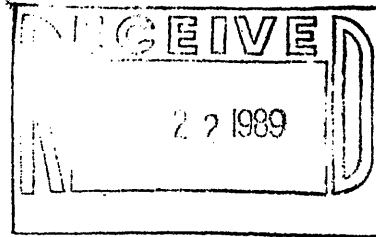
cc: Mr. Rick Helfrich
Mr. Richard Collins
Mr. Horacio Tablada

StarEnterprise



3800 Pickett Road
Fairfax, VA 22031
(703) 425-4014

March 17, 1989



State of Maryland
Department of the Environment
Underground Tank Division
2500 Broeing Highway
Baltimore, Maryland 21224

Attn: Herbert M. Meade, Enforcement Chief
and John Smeichowski

RE: Texaco Station
15730 Shady Grove Road
Gaithersburg, Maryland

Dear Sirs:

As you know in January when we installed monitoring wells in the vicinity of the existing tank field, we measured free product on the water table. We have been monitoring and bailing daily; however this procedure is extremely slow.

We have contracted York Services, Inc. to install new underground fiberglass tanks and lines in a new location and to remove the existing tanks and pipelines. To effect expeditious clean-up of the site, we would propose the following:

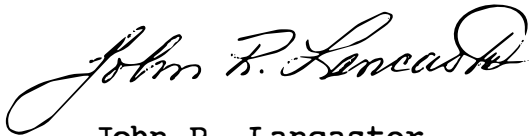
1. After the tanks and lines have been removed and while the tank field remains open, contract a disposal contractor to pump out as much product as possible with a vacuum truck and dispose of it in an environmentally sound and approved manner.
2. Install a drain field and catchment box to house a floating filter-scavenger pump to pump any remaining free product to a holding tank after the hole is closed and restored to original condition with clean backfill, sub-base and asphalt top.
3. Treat any excavated contaminated soils in on-site soil boxes with plastic under, controlled runoff and venting as appropriate. After treatment, soils will be transported to a land fill.

If you approve of the above plan, we will proceed with it as an initial step in remediating the site. Further actions may be required after analyzing the site assessment which is currently being developed. Any further actions will be coordinated with

your office.

We currently plan to begin tank replacement and construction on March 22, 1989, pending County approval of permits. Therefore, your comments and approval are anxiously awaited. If you have any questions regarding this matter, please do not hesitate to call.

Sincerely,

A handwritten signature in cursive script, reading "John R. Lancaster". The signature is written in dark ink and is positioned above the typed name.

John R. Lancaster
Field Maintenance Supervisor

JRL/edm

STAR ENTERPRISE
QUARTERLY STATUS REPORT
FIRST QUARTER 1996

Contractor: Handex of Maryland **Star Contact:** Larry Smith
Handex Contact: George B. Knight/Rane A. Wilson **Location:** 15730 Shady Grove Road
Gaithersburg, Maryland

WORK PERFORMED FIRST QUARTER 1996:

Monitoring/Sampling Frequency: Quarterly

Field Activities: Quarterly water sampling of the monitoring wells.

Depth to Water: Approximately 8 to 10 feet below grade.
See well gauging data and Ground Water Elevation Map.

Liquid Phase Hydrocarbons: No LPH present; refer to well gauging data.

LPH Recovery Amounts: 0/214
(Quarter/Cumulative)

Number of Wells/Sampled: 8/7

Dissolved Concentrations: See BTEX Distribution maps attached.

Remediation: Total Fluids: Set up to pump from 2 recovery wells to an air stripper and granular activated carbon treatment prior to discharge. Currently turned off.

Soil Vapor Extraction: Set up to extract vapors from 3 wells; RW-1, RW-7 and VE-5.

Total Fluids Influent Concentration: System was off during quarter.
BTEX (ppb)

SVE Effluent Concentrations: System was off during quarter.
(B/TPH)

SVE Emission Rate (lbs/day): System off during quarter.

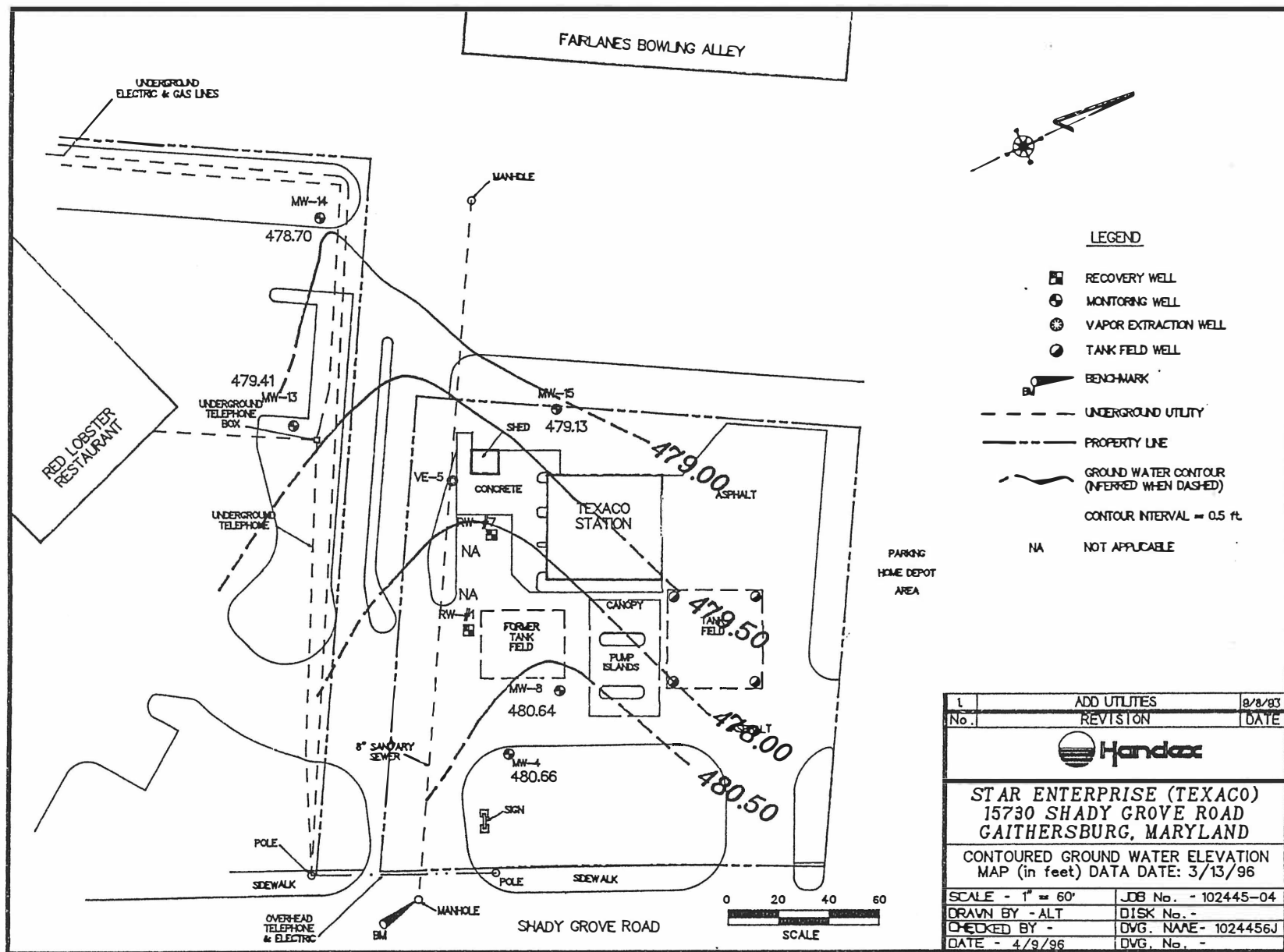
WORK PLANNED FOR SECOND QUARTER 1996:

Post Operational Status; SVE and P&T systems will remain off.
Continue quarterly ground water sampling of the monitoring wells.

ATTACHMENTS:

Well Gauging Report
Contoured Ground Water Elevation Map (March 13, 1996)
Summary Table of Ground Water Analytical Results
Dissolved BTEX Distribution Map (March 13, 1996)
Dissolved BTEX Distribution Map (December 1, 1995)
Laboratory Analytical Reports





GROUND WATER ANALYTICAL RESULTS
March 13, 1996

Texaco Service Station
15730 Shady Grove Road
Gaithersburg, Maryland

Well #	Benzene	Toluene	Ethyl- Benzene	Xylenes	BTEX	LAST QUARTER BTEX
RW-1	376	923	344	1,360	3,000	4,320
RW-7	191	53.5	106	186	536	1,320
MW-4	ND	ND	ND	ND	ND	84.6
MW-8	216	2.30	.0968	3.96	223	NS
MW-13	8.81	ND	ND	ND	8.81	NS
MW-14	ND	ND	ND	ND	ND	NS
MW-15	37.1	17.0	42.6	74.3	171	48.5

NOTES:

Units - parts per billion (ppb).



MARYLAND DEPARTMENT OF THE ENVIRONMENT

2500 Broening Highway • Baltimore Maryland 21224
(410) 631-3000 • 1-800-633-6101 • <http://www.mde.state.md.us>

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Parris N. Glendening
Governor

Jane T. Nishida
Secretary

June 26, 1997

NOTICE OF COMPLIANCE

Mr. Rick Gardner
Reed Brothers Dodge
15955 Frederick Road
Rockville MD 20855

RE: Case No. 92-1490 MO2

Dear Mr. Gardner:

On June 4, 1997, a representative of the Waste Management Administration's Oil Control Program performed an inspection and reviewed the Administration's case file on the Reed Bros. Dodge property at 15955 Frederick Road. Based on this inspection and review, it has been determined that two underground storage tanks have been removed and one monitoring well has been installed and sampled. The Administration does not require further corrective action at this facility based on non-detection of petroleum product and site characteristics. Thus, the above-referenced property is now in compliance with Code of Maryland Regulation 26.10.10.02. The Administration hereby closes its case in reference to this site.

The monitoring well may be abandoned in compliance with Code of Maryland Regulation 26.04.04. We recommend that you contact your county health department at (301) 217-6160 concerning the well abandonment. This notice should not be construed as a waiver of the Administration's right to take enforcement action in regards to activities not addressed by this case. If there are any questions concerning this matter, please telephone this office at (410) 631-3442.

Sincerely,

John J. Smiechowski, Region I Section Head
Compliance/Remediation Division
Oil Control Program

st/nlb

cc: Mr. Rick Helfrich
Mr. Richard Collins
Mr. Horacio Tablada