

Prepared for:

IPTV-B-C14, LLC

8401 North Central Expressway, Suite 910

Dallas, TX 75225

**VOLUNTARY INVESTIGATION
AND REMEDIATION PLAN
TLC Cleaners
2060 Lower Roswell Road
Marietta, GA 30068**

Prepared by:



1050 Crown Pointe Parkway, Suite 550

Atlanta, Georgia 30338

Tel: 404-315-9113

October 2014

VOLUNTARY INVESTIGATION AND REMEDIATION PLAN

TLC Cleaners

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Associate


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Principal

October 2014

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1 INTRODUCTION

1.1 Overview

This Voluntary Investigation and Remediation Plan (VIRP) is being submitted for the New Market Center property, referred to herein as TLC Cleaners or the “Site”. The Site is currently owned by IPTV-B-C14, LLC, which purchased the Site in 2010. The VRP Application and Checklist are included in Appendix A. The tax map and warranty deed are provided in Appendix B. A Site Location Map is included as Figure 1 in Appendix C, and a U.S.G.S. Quadrangle Map is included as Figure 2.

1.2 Site Location and Description

The Site, Cobb County Parcel ID 16124400330, is located at 2060 Lower Roswell Road in Marietta, Georgia at latitude 33°56’54”N and 84°29’36”W and is 4.805 acres. TLC Cleaners occupies the westernmost tenant space in the shopping center.

The Site was undeveloped until 1973 when construction of the current building was initiated. The Site has been used as a shopping center since development. A Site Plan is included as Figure 3A. The Site is currently occupied by C&D Corporation d/b/a TLC Cleaners, a restaurant, a grocer, a physical fitness facility, and a church. The tenant space adjacent to TLC Cleaners is currently vacant. The Site has been occupied by a dry cleaning business from as early as 1989 to the present day. The current dry cleaner, TLC Cleaners, has operated at the Site since at least 2002 and uses tetrachloroethene (PCE).

Properties immediately adjacent to the Site are shown on Figure 3A and include:

- Towards the North: Massey Automotive, Bruster’s Ice Cream, and Sewell Park
- Towards the East: Zaxby’s Restaurant and a day care facility
- Towards the South: single family residential
- Towards the West: vacant land

1.3 Source Description

Based on the soil and groundwater data discussed later in this report, the source of the soil and groundwater impact appears to be the dry cleaning operations that have occurred on the Site since 1989.

1.4 Constituents of Interest

Soil and groundwater samples have been collected for volatile organic compound (VOC) analysis using EPA Method 8260B. Regulated substances detected in Site soils include tetrachloroethene, toluene, and xylenes. Regulated substances detected in groundwater include cis-1,2-dichloroethene, chloroform, and tetrachloroethene (Appendices E, G, H, and I).

1.5 Purpose

The purpose of this document is to support an application for enrollment into the Voluntary Remediation Program. This document presents a current understanding of conditions at the Site, a preliminary Conceptual Site Model (CSM), potential remedial options, and a milestone schedule.

1.6 Property Eligibility

The Site meets the eligibility criteria for the Voluntary Remediation Program. A release of regulated substances on the Site has been confirmed. The Site is not listed on the National Priorities List, is not currently undergoing response activities required by an order of the Regional Administrator of the United States Environmental Protection Agency (USEPA), and is not required to have a permit under Code Section 12-8-66. Qualifying the Site under the VRP program would not violate the terms and conditions under which the division operates and administers remedial programs by delegation or by similar authorization from the USEPA. There are no outstanding liens filed against the Site pursuant to Code Sections 12-8-96 and 12-13-12.

1.7 Participant Eligibility

The Voluntary Remediation Program applicant is the owner of the Site and is in compliance with all orders, judgments, statutes, rules, and regulations subject to the enforcement authority of the Director with respect to this Site.

2 SUMMARY OF INVESTIGATIONS

Soil sample results discussed in this section are shown on Figure 6 and summarized in Table 1 of Appendix D. Groundwater samples are shown on Figure 7 and summarized on Table 2. Historical documents associated with the Site are included in the following appendices.

- Appendix E includes the 1999 HSRA Release Notification.
- Appendix F includes the June 2013 Phase I Environmental Site Assessment Report.
- Appendix G includes the August 2013 Phase II Subsurface Investigation Report.
- Appendix H includes the October 2013 Supplemental Release Notification.
- Appendix I includes the June 2014 Report of Environmental Services.

May 1999

On May 28, 1999, soil and groundwater samples were collected by QORE Property Sciences (QORE) at the Site (“QSB” or “QMW” locations).

- Soil samples QSB-4 (13.5-15 feet below ground surface (ft-bgs)) and QSB-5 (8.5-10 ft-bgs) were collected near the dry cleaning tenant space and analyzed for VOCs. PCE was detected in soil at 0.023 milligrams per kilogram (mg/kg) in boring QSB-4 located outside (south) of the dry cleaning tenant space near the back door.
- Groundwater samples QMW-1, QMW-2, and QMW-3 were collected on the Site just south of the adjacent automotive repair facility and were analyzed for petroleum constituents including benzene, toluene, ethylbenzene, xylenes, and polynuclear aromatic hydrocarbons. These constituents were not detected in the samples.
- Groundwater samples QMW-4 and QMW-5 were collected down-gradient from the dry cleaning tenant space and analyzed for VOCs (groundwater gradient is assumed based on topography).
 - PCE was reportedly detected in groundwater at a concentration of 64 micrograms per liter (µg/l) in temporary monitoring well QMW-5. As discussed in Appendix I, it is believed that the PCE detection in sample QMW-5 was actually from QMW-4. More recent data (NM-2W from Appendix G) indicates that the groundwater PCE impact does not extend to the area of QMW-5.
 - A low concentration of chloroform was also detected in the groundwater sample from temporary monitoring well QSB-5. Chloroform was not detected in any soil sample and there is no indication that it was detected in any other groundwater sample. Chloroform at low concentrations is often associated with a municipal water line leak.
 - Cis-1,2-dichloroethene (cis-DCE), a degradation product of PCE, was detected at 5.3 µg/l in QMW-4.

June 2013

On July 30, 2013, as part of a Phase II Environmental Site Assessment, soil and groundwater samples were collected by Partner Engineering and Sciences, Inc. (Partner) in and around the dry cleaning tenant space (“NM” locations).

- PCE was detected in soil at 0.010 mg/kg in soil sample NM-3 (4 ft-bgs) collected near the dry cleaning machine and the PCE drum storage area.
- PCE was detected at 0.78 mg/kg in soil sample NM-4 (2 ft-bgs), located in the middle of the dry cleaning tenant space.
- PCE was detected at 56 mg/kg in soil sample NM-5 (5 ft-bgs) inside the dry cleaning tenant space adjacent to the grit trap near the southern wall of the dry cleaning tenant space.
- PCE was detected at 1.2 µg/l in groundwater sample NM-1W located approximately 30 feet down-gradient of the dry cleaning tenant space.
- PCE was not detected in groundwater sample MW-2W, located further down-gradient and adjacent to the 1999 QMW-5 sample.

May 2014

On May 19, 2014, at the request of the GA EPD, EPS advanced one soil boring (SB-1) immediately south of the dry cleaning tenant space near the grit trap, and monitoring well MW-1 was installed in the boring.

- PCE was detected at low concentrations (0.021 mg/kg, 0.016 mg/kg, and 0.00062 mg/kg) in soil samples collected from SB-1 at 5, 10, and 15 ft-bgs, respectively.
- A groundwater sample was collected from monitoring well MW-1 on May 21, 2014, and PCE was detected at 43 µg/l.

3 CURRENT SITE CONDITIONS

3.1 Geologic Setting

3.1.1 Regional Geology

The Site is located within the Piedmont Physiographic Province according to the Physiographic Map of Georgia (Clark & Zisa, 1987). The regional subsurface geologic setting is characterized by a gradational weathering profile with depth from soil (termed “saprolite”) to partially weathered rock (PWR) to competent bedrock. Groundwater occurs under unconfined conditions, whereby the potentiometric surface is generally similar to the ground surface topography. Along topographically low areas, the water table typically occurs within the saprolite to PWR portions of the weathering profile, whereas along topographically high areas, the water table often occurs in the underlying bedrock.

3.1.2 Site Geology and Hydrogeology

The topography of the property and surrounding areas was reviewed on a USGS Quadrangle Map for the Sandy Springs Quadrangle (Figure 2). The map shows the elevation of the property ranging from approximately 1,015 to 1,030 feet above mean sea level (ft msl). The high point of the Site is located in the northern portion of the property. The grade slopes gently to the south-southeast to a retention pond located in the southeastern corner of the property. Stormwater is eventually discharged to an unnamed tributary to Rottenwood Creek approximately 1,500 feet south-southeast of the Site and eventually flows into the Chattahoochee River.

The Site geology has been investigated through the advancement of soil borings and the installation of shallow monitoring wells. Borings have been advanced to depths of 20-25 ft-bgs into saprolite.

To illustrate the subsurface geology of the Site, a vertical cross-section was created using information obtained from the boring logs. Figure 4 shows the location of cross-section line A-A’. Cross-section A-A’ is shown on Figure 5. Cross-section A-A’ was prepared in a north-south similar to the expected direction of groundwater flow.

A review of the boring logs and associated cross-sections indicate that the subsurface geology consists of silt and clays in the upper 10 feet and silty sands and clays below 10 feet.

The surficial water bearing zone or uppermost aquifer beneath the Site includes the soil-saprolite unit above the bedrock interface. It is likely that this aquifer is interconnected to the bedrock aquifer beneath it via fractures in the rock.

Groundwater beneath the Site is expected to flow to the south-southeast based on the ground surface topography; however, groundwater flow direction has not been measured.

3.2 Compliance Status of Regulated Constituents

The soil and groundwater Risk Reduction Standard (RRS) calculations are presented in Appendix J, and site data is compared to RRSs in Tables 1 and 2 of Appendix D for soil and groundwater, respectively.

As shown on Table 1, soil PCE concentrations are above the Type 1 RRS in samples NM-4 (0.78 mg/kg) and NM-5 (56 mg/kg). Figure 6 shows the soil data and sampling locations. PCE concentrations in soil will be delineated to the Type 1 RRS within 12 months of acceptance into the VRP Program. It is not expected that PCE concentrations in soil extend off of the Site. All other constituents in soil are below the Type 1 RRSs, and no further delineation is proposed for these constituents.

For groundwater, PCE is also the only constituent detected above the Type 1 RRS. Figure 7 shows the groundwater data and sampling locations. PCE was detected above the Type 1 RRS of 5 µg/l in samples MW-1 (43 µg/l) and QMW-4 (64 µg/l). As discussed in Section 5.4, groundwater compliance certification will not be required, and therefore, groundwater delineation is not planned.

3.3 Corrective Actions to Date

No corrective action has been completed to date.

4 PRELIMINARY CONCEPTUAL SITE MODEL

4.1 Overview

The CSM is intended to establish a common knowledge base about the Site and its environmental condition, to facilitate the development of basic remedial action objectives appropriate for the Site, and to allow an informed decision regarding possible remedial action measures for the Site. This section describes the surface and subsurface features at the Site, discusses the fate and transport of PCE, and discusses the potential receptors and exposure pathways associated with the Site.

Figures 6 through 8 are plan view and profile diagrams depicting the extent of constituents in the subsurface. Viewed in total, these figures give a three-dimensional representation of the Site conditions.

4.2 Surface Features

The majority of the Site is covered with the building or paved with asphalt with the exception of small landscape islands. The topography slopes gently to the south-southeast. Stormwater runoff is captured by underground drains or by a concrete ditch running along the southern property boundary and is discharged to a retention pond located in the southeast corner of the Site.

The front (north) of the dry cleaning tenant space is essentially at ground level, while the back (south) of the dry cleaning tenant space is approximately 3 feet above the level of the parking lot. The interior of the dry cleaning tenant space is shown on Figure 3B. Two dry cleaning machines, one no longer in use, are located toward the front of the facility. Drums for spent filters are stored behind the machine in the vicinity of a floor drain. The floor drain, which is no longer in use, is believed to run to the back of the facility and connect to a grit trap, which is a 2-ft x 2-ft x 2-ft vault set below grade. A washing machine is located adjacent to the grit trap and drains to the grit trap via an underground line. Water in the grit trap is believed to discharge to the sanitary sewer and exit out of the back of the facility.

4.3 Subsurface Features

The soil beneath the dry cleaning tenant space consists of silt and clay extending to approximately 10 ft-bgs, and sandy soils were observed below that to a depth of 20 feet. Groundwater was encountered at approximately 8 ft-bgs south of the dry cleaning tenant space.

4.4 VOC Fate and Transport Summary

On May 19, 2014, a sample of water was collected from the grit trap. PCE was detected at 7.1 µg/l in the sample indicating that some amount of PCE is entering the subgrade drain system. The PCE concentration of 56 mg/kg in sample NM-5-5, collected adjacent to the grit trap at a depth of 5 feet, suggests that PCE was released from, or very close to, the grit trap. It is likely that a small amount of PCE got into the floor drain, mixed with water in the grit trap, and exited a breach in the grit trap, or in a drain line near the grit trap, in the dissolved phase. Based on the soil and groundwater concentrations, it appears that most of the PCE partitioned from the dissolved phase to the sorbed phase. The sorbed phase PCE can migrate in two forms: 1) infiltrating water can leach the sorbed phase PCE carrying it downward to the water table and 2) PCE vapors can migrate through the vadose zone pore spaces potentially entering the tenant space. The PCE concentration of 0.78 mg/kg in NM-4-2 is likely from a leaking floor drain or a minor PCE spill in the area of the detection.

The highest recent concentration of PCE detected in groundwater was 43 µg/l in a sample collected immediately behind (south of) the dry cleaning tenant space, down-gradient from the grit trap. This concentration is orders of magnitude less than 1% of the aqueous solubility (206 mg/L) of PCE. According to Cherry and Feenstra (1991), concentrations exceeding 1% of the compound's aqueous solubility indicates the possible presence of dense non-aqueous phase liquid (DNAPL), or free phase PCE product. Thus, there is no indication of a DNAPL at this Site.

Chlorinated solvents can degrade biologically in the subsurface through reductive dechlorination. As mentioned previously, a parent compound can be degraded biologically into daughter products. PCE, the parent compound, can degrade biologically into daughter products including trichloroethene, cis-1,2-dichloroethene, trans-1,2-dichloroethene, 1,1-dichloroethene, and vinyl chloride. Cis-1,1-dichloroethene has been detected in one groundwater sample indicating that some amount of reductive dechlorination is occurring in the subsurface.

4.5 Potential Receptors and Exposure Pathways

The Site includes a single-story shopping center building (approximately 48,000 square feet), paved parking lots and driveways, landscape islands, and a stormwater retention pond. The various shopping center tenants are expected to have full time employees. There is a landscaping contractor who maintains the grounds on an as needed basis. The future use of the Site will likely remain commercial.

The adjoining properties are used for residential and commercial purposes. The area to the southeast of the Site is largely made up of single family residences with the nearest residences being immediately adjacent to the south.

The Site and the surrounding area are serviced by public drinking water systems. An EPD memorandum related to the 1999 HSRA Release Notification stated that a well survey did not identify any wells within a one mile radius of the Site, and the 2013 HSRA Release Notification concluded the same.

Due to an absence of drinking water wells in the area, the anticipated Point of Exposure (POE) will be based on a hypothetical point of drinking water exposure located at a distance of 1000 feet down-gradient from the delineated site constituents. Monitoring well MW-1 will be used as the Point of Demonstration (POD) to determine the potential for off-site groundwater plume migration.

Based on the existing data, PCE has impacted surface and subsurface soil only in a small area beneath the building's concrete floor slab.

Several potential current and/or potential future human receptors have been identified. These potential receptors are listed below along with a brief discussion of the rationale behind their identification and the pathways through which they could potentially be exposed to VOCs associated with the PCE release. These potential receptors and exposure pathways are also depicted on Figure 8 and diagramed in Figure 9.

Potential On-Site Receptors

- **Current/Future Commercial Site Worker:** Commercial workers associated with the shopping center are expected to work approximately 40 hours per week at the Site. Because the impacted soil is covered with concrete and asphalt and would likely stay that way for future commercial use, receptors associated with this type of commercial land use would not be exposed to Site-related chemicals in surface soil via ingestion or dermal contact. This potential receptor may be exposed to vapors potentially migrating from impacted groundwater and vadose zone soils to the indoor air of existing and/or future buildings.
- **Current/Future Site Patron:** Shopping center patrons are expected to visit the Site once per week. Because the impacted soil is covered with concrete and asphalt and would likely stay that way for future commercial use, receptors associated with this type of commercial land use would not be exposed to Site-related chemicals in surface soil via ingestion or dermal contact. This potential receptor may be exposed to vapors potentially migrating from impacted groundwater and vadose zone soils to the indoor air of existing and/or future buildings.
- **Current/Future Maintenance Site Worker:** Maintenance workers associated with the shopping center are expected to work approximately 40 hours per week at the Site. Because the impacted soil is covered with concrete and asphalt and would likely stay that way for future commercial use, receptors associated with this type of commercial land use would not be exposed to Site-related chemicals in surface soil via ingestion or dermal contact. This potential receptor may be exposed to vapors potentially migrating from impacted groundwater and vadose zone soils to the indoor air of existing and/or future buildings.

- **Current/Future Groundskeeper:** The grounds are currently maintained by a landscaping contractor on an as-needed basis, and landscaping activity is likely to be required for any future use scenarios. Currently, the surface soil impact is contained beneath the building. If the building were removed in the future, groundskeepers could potentially have intermittent long-term exposure to site-related chemicals in surface soil via ingestion, dermal contact, and inhalation of volatiles.
- **Future Construction/Utility Worker:** No construction or utility work activities are currently planned at the Site. However, it is possible that these activities could be conducted in the future. These workers could potentially have short-term (<1 year) exposure to chemicals in mixed surface and subsurface soil (0-10 ft-bgs) via ingestion, dermal contact, and inhalation of volatiles.
- **Future On-Site Resident:** Future residential use of the Site is highly unlikely as the Site is zoned commercial, but is discussed here for completeness. Hypothetical future residents at the Site could potentially have long-term exposure to site-related chemicals in surface soil via ingestion and dermal contact. This potential receptor could also be exposed to vapors potentially migrating from impacted groundwater and vadose zone soils to the indoor air of future residential dwellings. A barrier to mitigate vapor migration would be used for any future residential construction.

There is no current or suspected future use of groundwater at the Site. Deed restrictions may potentially be used to prevent the future use of groundwater at the Site.

The area impacted by the TCE release is covered by buildings or pavement and does not represent quality habitat for wildlife, as it lacks natural vegetative cover.

Potential Off-Site Receptors

There are potential current and future off-site resident receptors. Several single family residences are located to the southeast (topographically down-gradient) and adjacent to the Site. These homes are serviced by public drinking water systems, but groundwater could hypothetically be used at some time in the future. While unlikely, given the concentrations of PCE detected in on-site groundwater, off-site residents could potentially be exposed to vapors migrating from impacted groundwater to the indoor air. If private wells were to be installed in the future, residents could also be exposed to impacted groundwater via ingestion and dermal contact.

There are currently no commercial properties to the southeast (topographically down-gradient) within 1,000 feet of the Site. No off-site ecological receptors have been identified. Due to the stream's distance from the Site (1,500 feet) and the relatively low groundwater concentrations at the Site, it is unlikely that impacted groundwater would discharge to the nearest surface water body, which is an unnamed tributary to Rottenwood Creek.

5 PRELIMINARY REMEDIATION PLAN

5.1 Pre-Remediation Assessment

PCE concentrations in soil exceed RRSs in two soil samples. Delineation sampling will be conducted to determine the extent of the impact prior to finalizing a remedial action plan. Delineation criteria for soil are the Type 1 RRSs.

All past and future sampling conducted by EPS has been and will be conducted in accordance with methods outlined within *USEPA Region 4 SESD Field Branch Quality Systems and Technical Procedures* (<http://eps.gov/region4/sesd/fbqstp/>).

5.2 Potential Remedial Options

5.2.1 Soil

5.2.1.1 Excavation

Soils exceeding a Non-Residential RRS could be excavated and hauled off-site for disposal. Prior to excavation activities, soil beneath the floor slab could be delineated to determine the size of the excavation. Post-excavation confirmation soil samples could be collected following excavation activities.

5.2.1.2 Chemical Mixing

Soils exceeding a Non-Residential RRS could be auger-mixed in-situ with a solution to oxidize the PCE in the soil. Soil delineation and post excavation soil sampling could also be conducted for this option.

5.2.1.3 Capping

This approach involves the use of engineering and institutional controls under a Type 5 RRS. An impervious cap, i.e. the floor slab, could be maintained to cover the soils exceeding the Non-Residential RRS to prevent direct contact exposure for commercial workers and precipitation infiltration. An environmental covenant, including a monitoring and maintenance plan, could be added to the deed.

5.2.1.4 Exposure Unit Weighted Average Determination

For this approach, a residential exposure unit (e.g., one third to one half of an acre) could be established based on the potential future use of the property as residential. Soil samples could be collected from a grid of sampling locations within the exposure unit, and a weighted average exposure concentration could be established for the potential future residential exposure scenario.

5.2.2 Groundwater

Section 12-8-107(g)(2) of the VRP Act states that

“The participant shall not be required to perform corrective action or to certify compliance groundwater if the voluntary remediation property was listed on the inventory as a result of a release to soil exceeding a reportable quantity for soil but was not listed on the inventory as a result of a release to groundwater exceeding a reportable quantity, and if the participant further demonstrates to the director at the time of enrollment that a release exceeding a reportable quantity for groundwater does not exist at the voluntary remediation property....”

Currently, the Site will not be listed on the HSI for groundwater. Therefore, compliance with groundwater RRSs will not be required.

6 MILESTONE SCHEDULE

The Projected Milestone Schedule (Appendix K) is benchmarked according to acceptance into the VRP.

7 REFERENCES

- Clark & Zisa, *A Physiographic Map of Georgia*, Department of Natural Resources, Georgia Geologic Survey, 1987.
- U.S. Environmental Protection Agency, Region 4, *Field Branches Quality System and Technical Procedures*, Athens, Georgia.

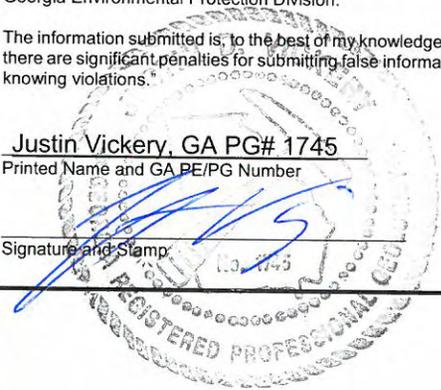
APPENDIX A

VOLUNTARY REMEDIATION PROGRAM APPLICATION FORM AND CHECKLIST

Voluntary Investigation and Remediation Plan Application Form and Checklist

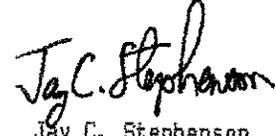
VRP APPLICANT INFORMATION					
COMPANY NAME	IPTV-B-C14, LLC				
CONTACT PERSON/TITLE	Dewayne Bailey				
ADDRESS	8401 North Central Expressway, Suite 910, Dallas, TX 75225				
PHONE	972-861-1025	FAX	972-861-1028	E-MAIL	dbailey@iptmgt.com
GEORGIA CERTIFIED PROFESSIONAL GEOLOGIST OR PROFESSIONAL ENGINEER OVERSEEING CLEANUP					
NAME	Justin Vickery	GA PE/PG NUMBER	PG# 1745		
COMPANY	Environmental Planning Specialist, Inc.				
ADDRESS	1050 Crown Pointe Parkway Ste. 550, Atlanta, GA 30338				
PHONE	404-315-9113	FAX	404-315-8509	E-MAIL	jvickery@envplanning.com
APPLICANT'S CERTIFICATION					
<p>In order to be considered a qualifying property for the VRP:</p> <p>(1) The property must have a release of regulated substances into the environment;</p> <p>(2) The property shall not be:</p> <p style="margin-left: 20px;">(A) Listed on the federal National Priorities List pursuant to the federal Comprehensive Environmental Response, Compensation, and Liability Act, 42 U.S.C. Section 9601.</p> <p style="margin-left: 20px;">(B) Currently undergoing response activities required by an order of the regional administrator of the federal Environmental Protection Agency; or</p> <p style="margin-left: 20px;">(C) A facility required to have a permit under Code Section 12-8-66.</p> <p>(3) Qualifying the property under this part would not violate the terms and conditions under which the division operates and administers remedial programs by delegation or similar authorization from the United States Environmental Protection Agency.</p> <p>(4) Any lien filed under subsection (e) of Code Section 12-8-96 or subsection (b) of Code Section 12-13-12 against the property shall be satisfied or settled and released by the director pursuant to Code Section 12-8-94 or Code Section 12-13-6.</p> <p>In order to be considered a participant under the VRP:</p> <p>(1) The participant must be the property owner of the voluntary remediation property or have express permission to enter another's property to perform corrective action.</p> <p>(2) The participant must not be in violation of any order, judgment, statute, rule, or regulation subject to the enforcement authority of the director.</p> <p>I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.</p> <p>I also certify that this property is eligible for the Voluntary Remediation Program (VRP) as defined in Code Section 12-8-105 and I am eligible as a participant as defined in Code Section 12-8-106.</p>					
APPLICANT'S SIGNATURE					
APPLICANT'S NAME/TITLE (PRINT)	Dewayne Bailey			DATE	10/3/2014

QUALIFYING PROPERTY INFORMATION (For additional qualifying properties, please refer to the last page of application form)			
HAZARDOUS SITE INVENTORY INFORMATION (if applicable)			
HSI Number	N/A	Date HSI Site listed	N/A
HSI Facility Name	N/A	NAICS CODE	812320
PROPERTY INFORMATION			
TAX PARCEL ID	16124400330	PROPERTY SIZE (ACRES)	4.805
PROPERTY ADDRESS	2060 Lower Roswell Road		
CITY	Marietta	COUNTY	Cobb
STATE	Georgia	ZIPCODE	30068
LATITUDE (decimal format)	33.94824	LONGITUDE (decimal format)	84.49325
PROPERTY OWNER INFORMATION			
PROPERTY OWNER(S)	IPTV-B-C14, LLC & c/o Riverwood Properties, LLC	PHONE #	706-290-4179
MAILING ADDRESS	8401 North Central Expressway, Suite 910		
CITY	Dallas	STATE/ZIPCODE	Texas 75225
ITEM #	DESCRIPTION OF REQUIREMENT	Location in VRP (i.e. pg., Table #, Figure #, etc.)	For EPD Comment Only (Leave Blank)
1.	\$5,000 APPLICATION FEE IN THE FORM OF A CHECK PAYABLE TO THE GEORGIA DEPARTMENT OF NATURAL RESOURCES. (PLEASE LIST CHECK DATE AND CHECK NUMBER IN COLUMN TITLED "LOCATION IN VRP." PLEASE DO NOT INCLUDE A SCANNED COPY OF CHECK IN ELECTRONIC COPY OF APPLICATION.)	Attached to cover letter	
2.	WARRANTY DEED(S) FOR QUALIFYING PROPERTY.	Appendix B	
3.	TAX PLAT OR OTHER FIGURE INCLUDING QUALIFYING PROPERTY BOUNDARIES, ABUTTING PROPERTIES, AND TAX PARCEL IDENTIFICATION NUMBER(S).	Appendix B	
4.	ONE (1) PAPER COPY AND TWO (2) COMPACT DISC (CD) COPIES OF THE VOLUNTARY REMEDIATION PLAN IN A SEARCHABLE PORTABLE DOCUMENT FORMAT (PDF).	Included	
5.	The VRP participant's initial plan and application must include, using all reasonably available current information to the extent known at the time of application, a graphic three-dimensional preliminary conceptual site model (CSM) including a preliminary remediation plan with a table of delineation standards, brief supporting text, charts, and figures (no more than 10 pages, total) that illustrates the site's surface and subsurface setting, the known or suspected source(s) of contamination, how contamination might move within the environment, the potential human health and ecological receptors, and the complete or incomplete exposure pathways that may exist at the site; the preliminary CSM must be updated as the investigation and remediation progresses and an up-to-date CSM must be included in each semi-annual status report submitted to the director by the participant; a PROJECTED MILESTONE SCHEDULE for investigation and remediation of the site, and after enrollment as a participant, must update the schedule in each semi-	Body of text and appendices	

	<p>annual status report to the director describing implementation of the plan during the preceding period. A Gantt chart format is preferred for the milestone schedule.</p> <p>The following four (4) generic milestones are required in all initial plans with the results reported in the participant's next applicable semi-annual reports to the director. The director may extend the time for or waive these or other milestones in the participant's plan where the director determines, based on a showing by the participant, that a longer time period is reasonably necessary:</p>		
5.a.	Within the first 12 months after enrollment, the participant must complete horizontal delineation of the release and associated constituents of concern on property where access is available at the time of enrollment;	Section 3.2	
5.b.	Within the first 24 months after enrollment, the participant must complete horizontal delineation of the release and associated constituents of concern extending onto property for which access was not available at the time of enrollment;	Section 3.2	
5.c.	Within 30 months after enrollment, the participant must update the site CSM to include vertical delineation, finalize the remediation plan and provide a preliminary cost estimate for implementation of remediation and associated continuing actions; and	To be completed	
5.d.	Within 60 months after enrollment, the participant must submit the compliance status report required under the VRP, including the requisite certifications.	To be completed	
6.	<p>SIGNED AND SEALED PE/PG CERTIFICATION AND SUPPORTING DOCUMENTATION:</p> <p>"I certify under penalty of law that this report and all attachments were prepared by me or under my direct supervision in accordance with the Voluntary Remediation Program Act (O.C.G.A. Section 12-8-101, <u>et seq.</u>). I am a professional engineer/professional geologist who is registered with the Georgia State Board of Registration for Professional Engineers and Land Surveyors/Georgia State Board of Registration for Professional Geologists and I have the necessary experience and am in charge of the investigation and remediation of this release of regulated substances.</p> <p>Furthermore, to document my direct oversight of the Voluntary Remediation Plan development, implementation of corrective action, and long term monitoring, I have attached a monthly summary of hours invoiced and description of services provided by me to the Voluntary Remediation Program participant since the previous submittal to the Georgia Environmental Protection Division.</p> <p>The information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."</p> <p><u>Justin Vickery, GA PG# 1745</u> Printed Name and GA PE/PG Number</p> <p><u>9/23/2014</u> Date</p> <p><u>[Signature]</u> Signature and Stamp</p> 		

APPENDIX B

TAX MAP AND WARRANTY DEED



Jay C. Stephenson
Clerk of Superior Court Cobb Cty. Ga.

After recording, please return to:

James J. Scavo, Esq.
Weinstock & Scavo, P.C.
3405 Piedmont Road, Suite 300
Atlanta, Georgia 30305

Cross Reference:

Deed Book 13645, Page 4643

RR
4
16

STATE OF GEORGIA

COUNTY OF COBB

DEED UNDER POWER OF SALE

THIS INDENTURE, made this 7th day of December, 2010, by **G & R GEORGIA ONE, LLC**, a Georgia limited liability company (hereinafter referred to as "Grantor"), acting by and through **IPTV-B-C14, LLC**, a Delaware limited liability company, its duly appointed agent and attorney-in-fact (hereinafter referred to as "Lender"), and **IPTV-B-C14, LLC**, a Delaware limited liability company (hereinafter referred to as "Grantee").

WITNESSETH

WHEREAS, Grantor executed and delivered to Column Financial, Inc., a Delaware corporation (hereinafter referred to as "Column") a certain Deed to Secure Debt and Security Agreement and Assignment of Leases and Rents dated December 3, 2002, recorded in Deed Book 13645, Page 4643, Cobb County, Georgia records (said Deed to Secure Debt and Security Agreement and Assignment of Leases and Rents hereinafter referred to as the "Deed to Secure Debt") conveying the after-described property, to secure the payment of a Promissory Note dated December 10, 2002, in the original principal amount of \$3,050,000.00 (hereinafter referred to as the "Note"); and

WHEREAS, said Note and Deed to Secure Debt were subsequently assigned from Column to Lender pursuant to that certain Transfer of Debts and Liens and Assignment of any Claims in Litigation and/or Bankruptcy Proceedings recorded in Deed Book 14768, Page 1603, aforesaid records; and

WHEREAS, default under the Note occurred and by reason of such default Lender elected, pursuant to the terms of the Deed to Secure Debt and Note, to declare the entire principal and interest immediately due and payable; and

WHEREAS, said entire indebtedness still being in default, Lender, on behalf of Grantor, and according to the terms of the Deed to Secure Debt, did advertise said property for sale once a week for four (4) weeks in the Marietta Daily Journal, a newspaper in Cobb County, Georgia, wherein the Sheriff of said county carried his advertisements, said dates of publication being November 12, 2010, November 19, 2010, November 26, 2010 and December 3, 2010; and

WHEREAS, O.C.G.A. §44-14-162.3 does not require any additional notice to be sent to Grantor pursuant to O.C.G.A. §44-14-162.2 because the property described below was not to be used as a dwelling place at the time the Deed to Secure Debt was entered into; and

WHEREAS, Lender, as attorney-in-fact for Grantor, did expose said property for sale at public outcry to the highest bidder for cash on the first Tuesday in December, 2010, within the legal hours of sale at the usual place for conducting Sheriff's sales in Cobb County before the Cobb County Courthouse door, at which said Grantee was the highest and best bidder at and for the sum of TWO MILLION FORTY FIVE THOUSAND AND NO/100 DOLLARS (\$2,045,000.00) cash, and said property was then and there knocked off and sold to Grantee for said sum.

NOW, THEREFORE, for and in consideration of the foregoing premises and said sum of money and by virtue of and in the exercise of the power of sale contained in the Deed to Secure Debt, Grantor has bargained, sold, granted and conveyed, and by these presents does hereby bargain, sell, grant and convey to Grantee, its successors, representatives, heirs and assigns all that tract or parcel of land located in Land Lot 1244 of the 16th District, 2nd Section of Cobb County, Georgia, being more particularly described as follows:

(See Exhibit "A" attached hereto and made a part hereof by this reference)

Together with all and singular the rights, members and appurtenances thereto appertaining; also, all the estate, right, title, interest, claim or demand of Grantor, Grantor's representatives, heirs, successors and assigns, legal, equitable or otherwise whatsoever, in and to the same.

The property herein conveyed is sold as the property of Grantor on an "as is, where is" basis, without recourse and without representation or warranty, express or implied, of any kind of nature whatsoever. This conveyance is made subject to: (i) any and all outstanding unpaid taxes and assessments, if any; (ii) unpaid water and sewage bills that constitute liens against the property whether due and payable or not yet due and payable; (iii) such matters as would be revealed by an accurate survey and inspection of the property; and (iv) all assessments, easements, covenants, reservations, restrictions, liens, encumbrances, zoning ordinances, rights, privileges, franchises, tenements and other matters of record, if any, to which the Deed to Secure Debt is inferior in terms of priority.

TO HAVE AND TO HOLD the said premises and every part thereof unto said Grantee, its representatives, heirs, successors and assigns, to its own proper use, benefit and behoof in FEE SIMPLE, in as full and ample a manner as Grantor or Grantor's representatives, heirs, successors or assigns did hold and enjoy the same.

IN WITNESS WHEREOF, Lender, as agent and attorney-in-fact for Grantor, has hereunto affixed its hand and seal the day and year first above written.

Signed, sealed and delivered in the presence of:

M. Rose Bird
Unofficial Witness

IPTV-B-C14, LLC, a Delaware limited liability company, as attorney-in-fact for Grantor

By: [Signature]
Name: Glen Kitto
Title: Jr. Asset Manager

[Signature]
Notary Public

[SEAL]

My commission expires: _____

[NOTARIAL SEAL]

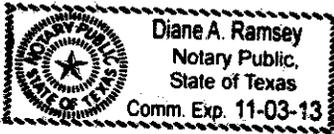


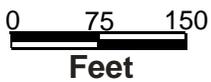
EXHIBIT "A"

All that tract or parcel of land containing 4.805 acres and lying and being in land lot 1244 of the 16th District, 2nd Section of Cobb County, Georgia, and being more particularly described as follows:

To find the true point of beginning commence at the intersection of the southwesterly right of way of Lower Roswell Road (right of way width varies) and the easterly right of way of Shawnee Trail (50 foot right of way); thence running along the southwesterly right of way of said Lower Roswell Road south 63 degrees 19 minutes 56 seconds east a distance of 204.00 feet to a 1/2" rebar found; thence continuing along said right of way south 63 degrees 19 minutes 56 seconds east a distance of 160.00 feet to an iron pin set, said iron pin being the true point of beginning; thence from the true point of beginning thus established and continuing along said right of way south 63 degrees 19 minutes 56 seconds east for a distance of 155.38 feet to an iron pin set; thence leaving said right of way south 26 degrees 40 minutes 04 seconds west for a distance of 51.00 feet to an iron pin set; thence south 01 degrees 29 minutes 06 seconds west for a distance of 223.00 feet to an iron pin set; thence south 43 degrees 30 minutes 54 seconds east for a distance of 54.34 feet to an iron pin set; thence south 01 degrees 27 minutes 36 seconds west for a distance of 45.00 feet to an iron pin set; thence south 83 degrees 18 minutes 28 seconds east for a distance of 86.79 feet to an iron pin set; thence south 00 degrees 47 minutes 59 seconds east for a distance of 187.60 feet to a 1/2" rebar found; thence north 83 degrees 52 minutes 49 seconds west for a distance of 575.07 feet to an iron pin set on the easterly right of way of said Shawnee Trail; thence along the easterly right of way of said Shawnee Trail north 00 degrees 19 minutes 09 seconds west for a distance of 40.89 feet to a point; thence continuing along said right of way along a curve to the right having a radius of 2627.75 feet and an arc length of 144.90 feet, being subtended by a chord of north 01 degrees 15 minutes 38 seconds east for a distance of 144.88 feet to a point; thence continuing along said right of way north 02 degrees 50 minutes 25 seconds east for a distance of 89.68 feet to a point; thence continuing along said right of way along a curve to the left having a radius of 2920.37 feet and an arc length of 8.80 feet, being subtended by a chord of north 02 degrees 45 minutes 14 seconds east for a distance of 8.80 feet to an iron pin set; thence leaving said right of way south 88 degrees 30 minutes 54 seconds east for a distance of 188.55 feet to an iron pin set; thence north 01 degrees 29 minutes 06 seconds east for a distance of 137.55 feet to a nail set; thence south 88 degrees 30 minutes 54 seconds east for a distance of 132.90 feet to a nail set; thence north 01 degrees 29 minutes 06 seconds east for a distance of 146.00 feet to an iron pin set located on the southwesterly right of way of said Lower Roswell Road, said iron pin being the true point of beginning. Said property being known as **2060 Lower Roswell Road, Marietta, Georgia 30067** in accordance with the current system of numbering properties in Cobb County, Georgia.

APPENDIX C

FIGURES



1050 Crown Pointe Pkwy
Suite: 550
Atlanta, GA 30338
404.315.9113



TLC Cleaners
2060 Lower Roswell Road
Marietta, GA 30068

SITE LOCATION MAP

FIGURE

1



Source: USGS 7.5-Minute Topographic Map, Sandy Springs, GA



1050 Crown Pointe Pkwy
Suite: 550
Atlanta, GA 30338
404.315.9113



TLC Cleaners
2060 Lower Roswell Road
Marietta, GA 30068

USGS QUADRANGLE MAP

FIGURE

2



1050 Crown Pointe Pkwy
Suite: 550
Atlanta, GA 30338
404.315.9113

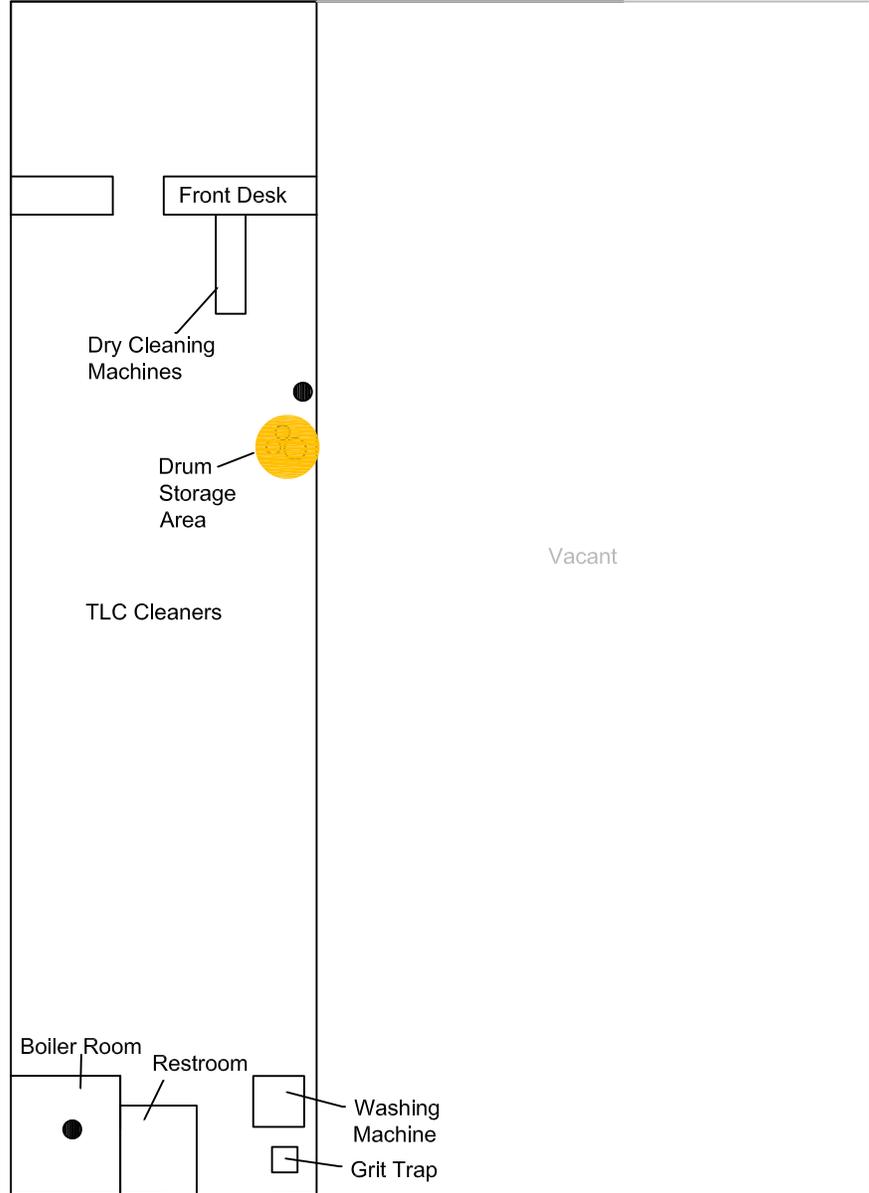


TLC Cleaners
2060 Lower Roswell Road
Marietta, GA 30068

SITE PLAN

FIGURE
3A

Asphalt Parking Lot



Asphalt Parking Lot

Vacant

Boiler Room

Restroom

Washing Machine

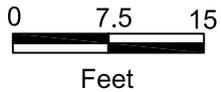
Grit Trap

Water Chiller

Asphalt Parking Lot

LEGEND

● Floor Drain



1050 Crown Pointe Parkway
Suite 550
Atlanta, GA 30338
(404) 315-9113

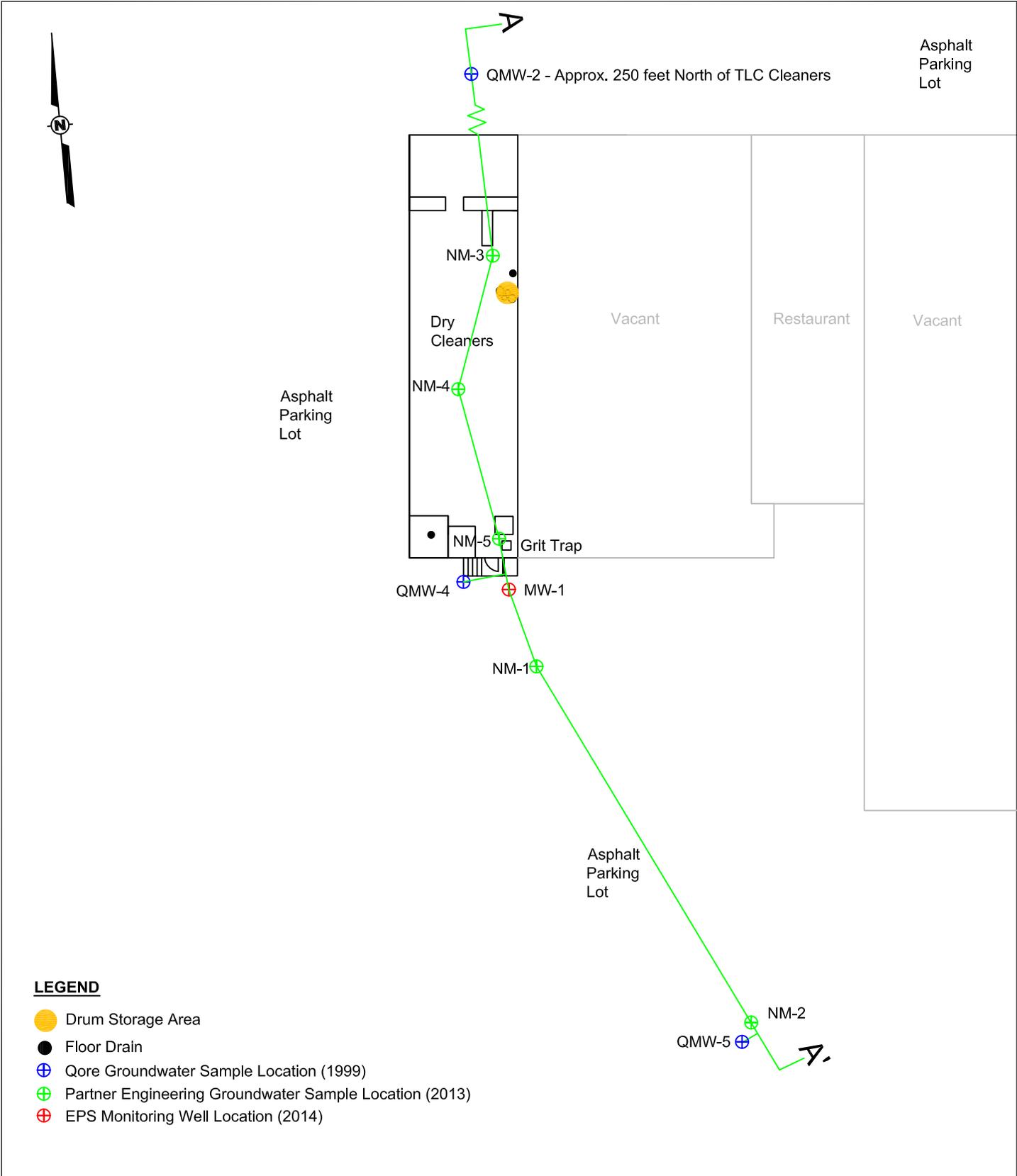
Site Plan (TLC Cleaners Layout)

TLC Cleaners
2060 Lower Roswell Road
Marietta, Georgia

September 2014

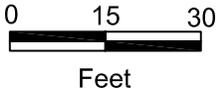
FIGURE

3B



LEGEND

-  Drum Storage Area
-  Floor Drain
-  Core Groundwater Sample Location (1999)
-  Partner Engineering Groundwater Sample Location (2013)
-  EPS Monitoring Well Location (2014)



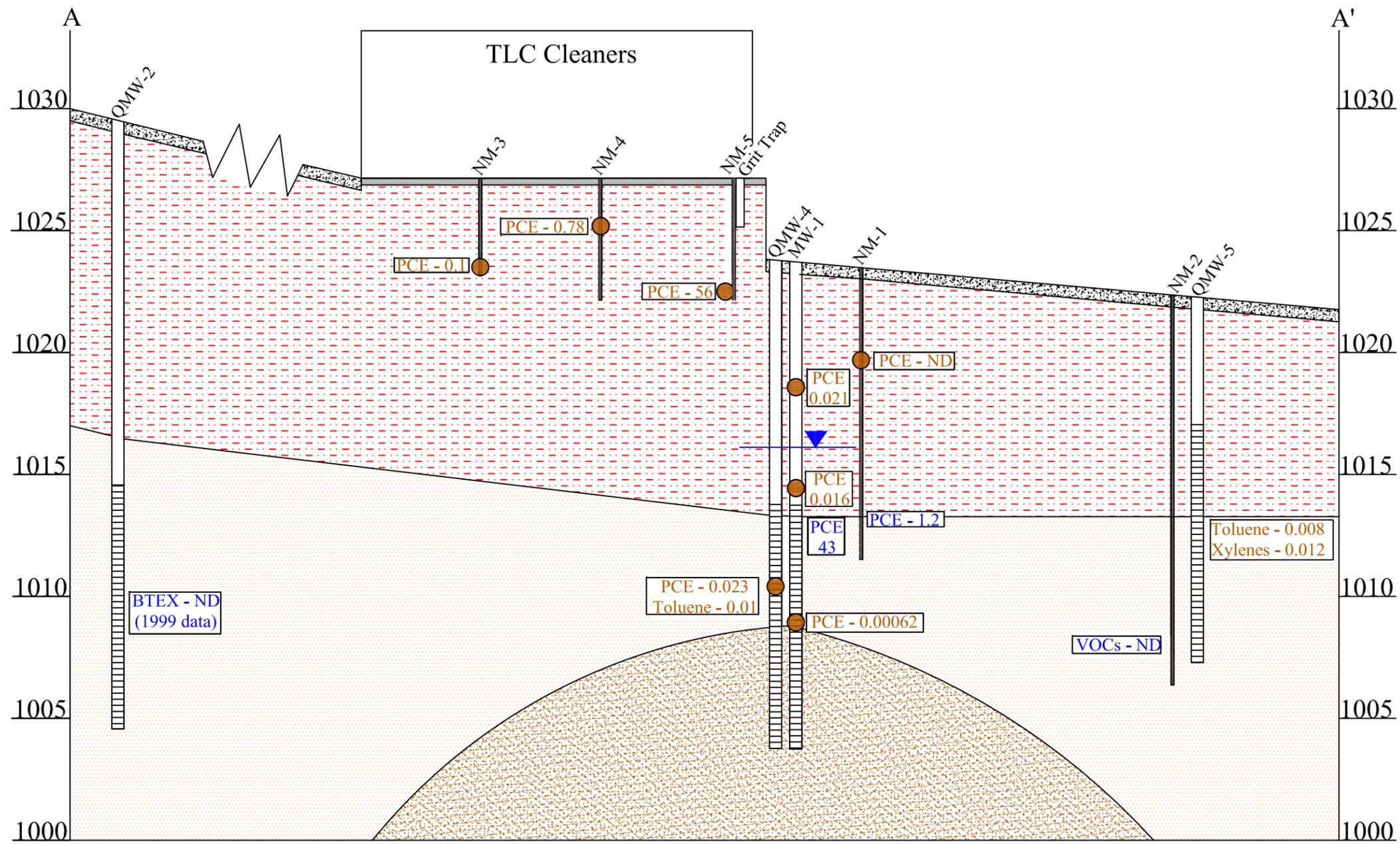
1050 Crown Pointe
 Parkway
 Suite 550
 Atlanta, GA 30338
 (404) 315-9113

**Geologic Cross-Section
 Location Map**

TLC Cleaners
 2060 Lower Roswell Road
 Marietta, Georgia
 September 2014

FIGURE

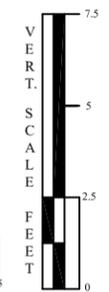
4



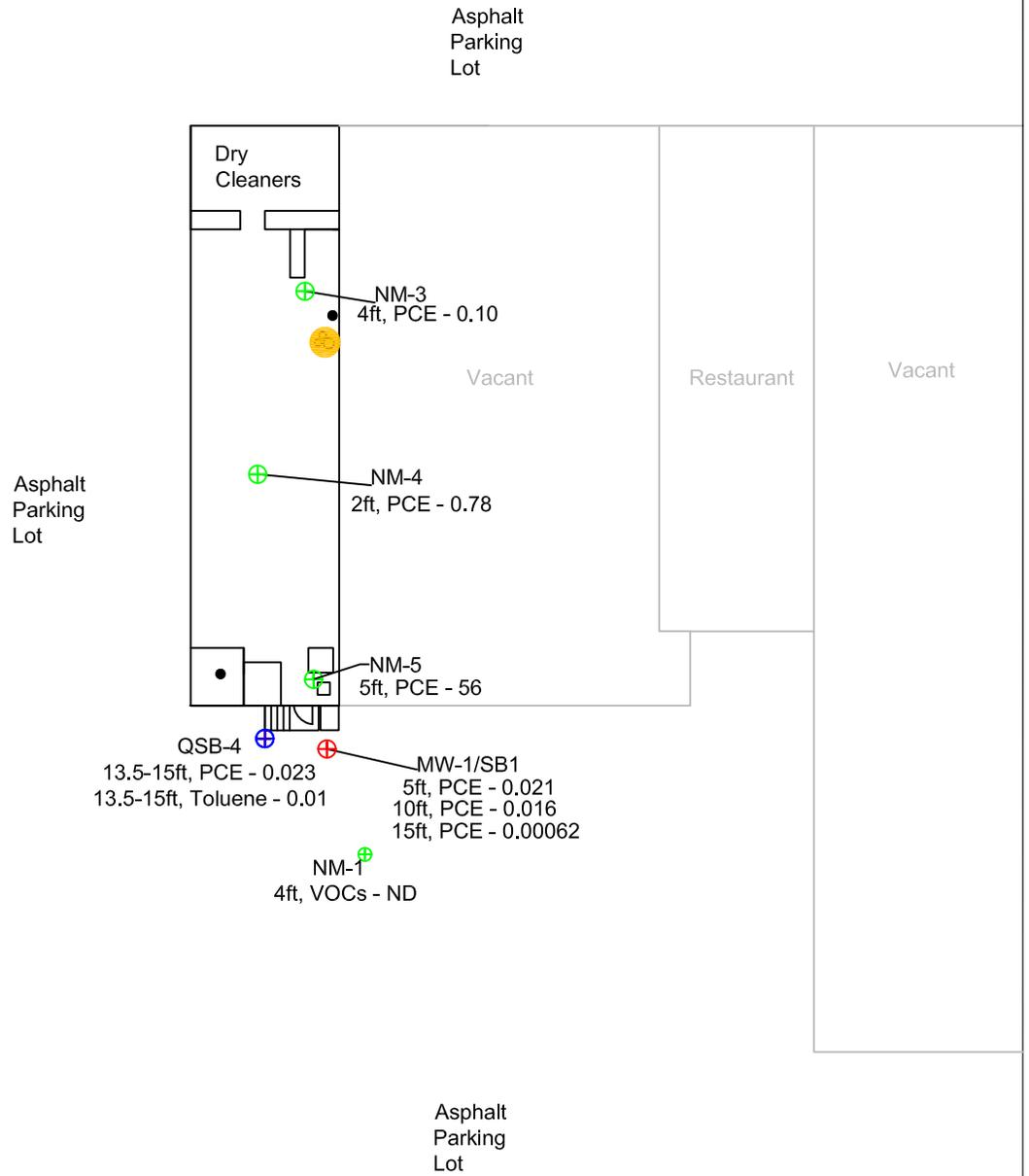
Legend

- PCE - 0.78 Soil Concentration (mg/kg)
- PCE - 43 Groundwater Concentration (ug/L)
- ▼ Water Table (May 2014)
- mg/kg Milligram per Kilogram
- ug/L Microgram per Liter
- PCE Tetrachloroethene
- cis-1,2-DCE cis-1,2-Dichloroethene
- BTEX Benzene, Toluene, Ethylbenzene, and Xylenes
- Clay & Sand Mix
- Sand
- Clay/Silt
- Asphalt/Gravel
- Concrete Slab
- Soil Sample Depth

Note: 1. QMW-2 is approximately 250 ft from TLC Cleaners.
 2. Soil lithology has been extrapolated where no soil lithology was available.
 3. 1999 groundwater data is not depicted on this figure (unless noted).
 4. Screen intervals for QMW-4 and QMW-5 are assumed.



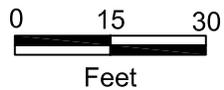
 1050 Crown Pointe Parkway Suite 550 Atlanta, GA 30338 (404) 315-9113	Cross-Section A-A'	FIGURE
	TLC Cleaners 2060 Lower Roswell Road Marietta, Georgia	
	September 2014	



Legend

- Drum Storage Area
- Floor Drain
- Core Soil Sample Location (1999)
- Partner Engineering Soil Sample Location (2013)
- EPS Soil Sample Location (2014)
- ND Not Detected

Note: All units are mg/kg.



1050 Crown Pointe
Parkway
Suite 550
Atlanta, GA 30338
(404) 315-9113

Soil Sampling Results

TLC Cleaners
2060 Lower Roswell Road
Marietta, Georgia

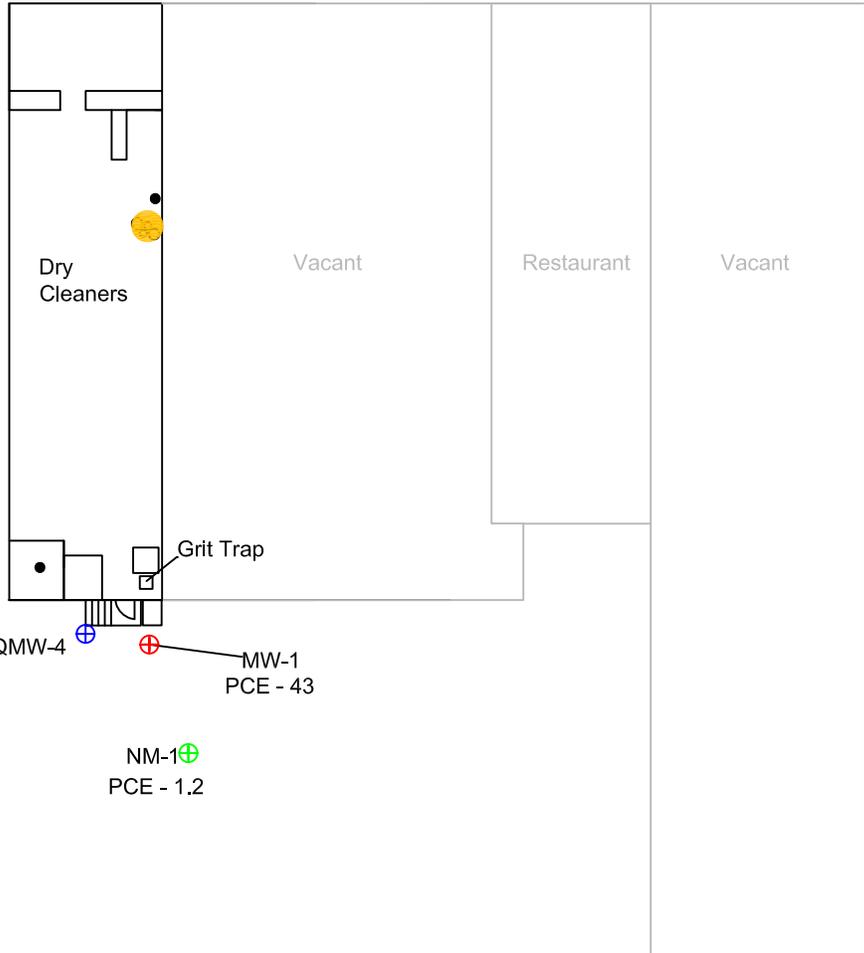
September 2014

FIGURE

6



Asphalt
Parking
Lot



Assumed Groundwater
Flow Direction Based on
Topography

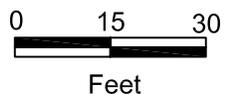
QMW-4
MW-1
PCE - 43
NM-1
PCE - 1.2

NM-2
VOCs - ND
QMW-5

LEGEND

-  Drum Storage Area
-  Floor Drain
-  QORE Groundwater Sample Location (1999)
-  Partner Engineering Groundwater Sample Location (2013)
-  EPS Monitoring Well Location (2014)
- ug/l micrograms per liter
- ND Not Detected

Notes: 1999 groundwater data is not depicted on this figure.
All units are ug/l.



1050 Crown Pointe
Parkway
Suite 550
Atlanta, GA 30338
(404) 315-9113

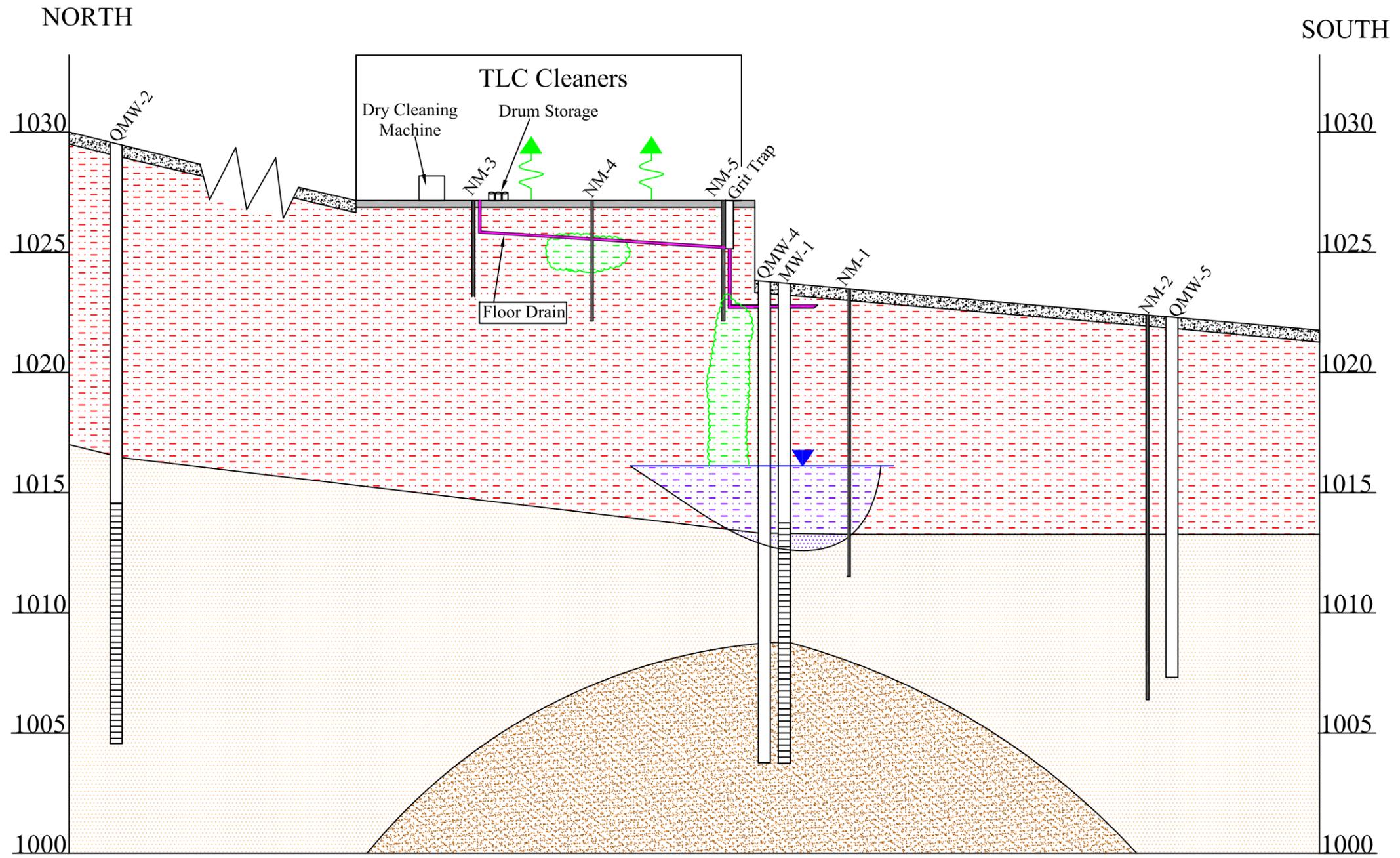
**Groundwater Sampling
Results**

TLC Cleaners
2060 Lower Roswell Road
Marietta, Georgia

September 2014

FIGURE

7



Legend

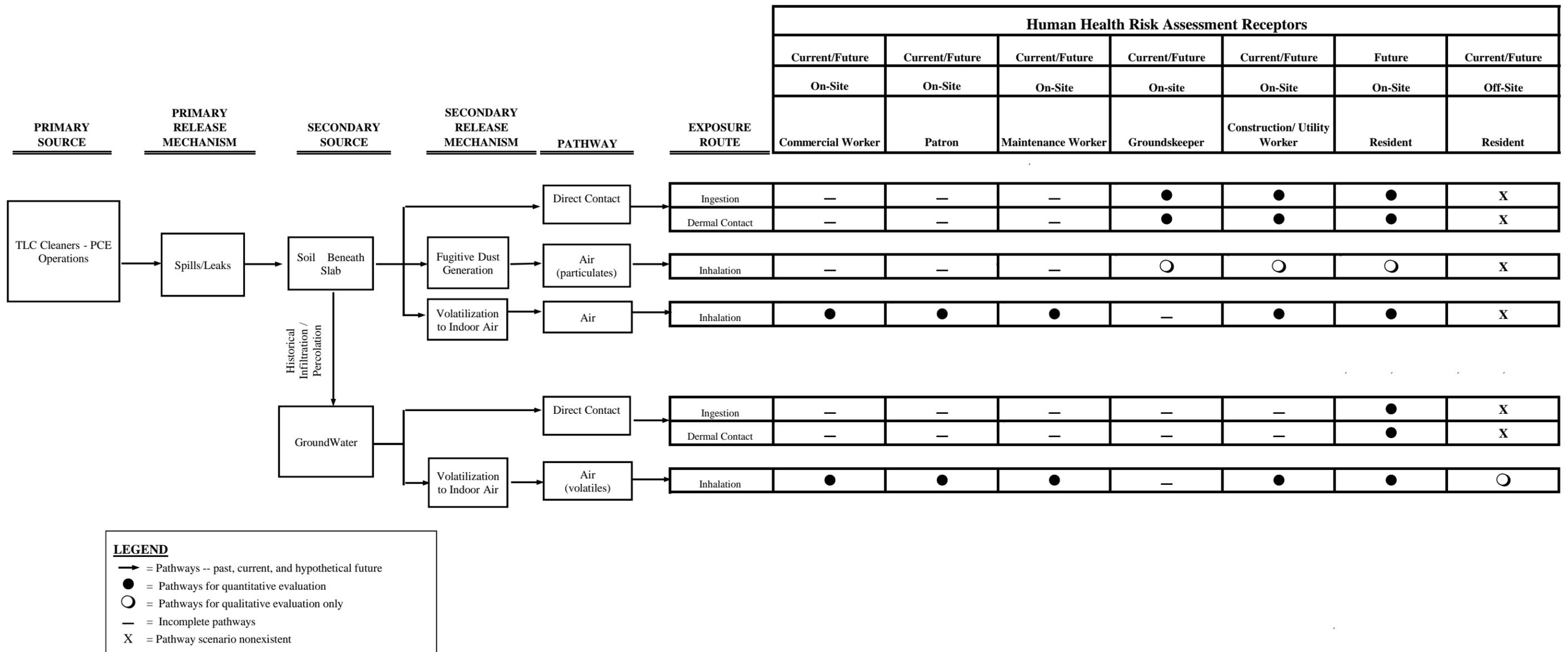
-  Water Table (May 2014)
-  Concrete Slab
-  Asphalt/Gravel
-  Potential Vapor Intrusion Exposure Pathway
-  Clay & Sand Mix
-  Sand
-  Clay/Silt

- Note: 1. QMW-2 is approximately 250 ft from TLC Cleaners.
 2. Green indicates areas of PCE contaminated soils.
 3. Purple indicates areas of PCE contaminated groundwater.
 4. Soil data has been extrapolated where no soil lithology was available.
 5. Floor drain location and depth are estimated.

EPS
 1050 Crown Pointe Parkway
 Suite 550
 Atlanta, GA 30338
 (404) 315-9113

Conceptual Site Model Profile
 TLC Cleaners
 2060 Lower Roswell Road
 Marietta, Georgia
 September 2014

FIGURE
8



1050 Crown Pointe Pkwy
Suite 550
Atlanta, GA 30338
404.315.9113

Figure 9. Conceptual Site Model Diagram
TLC Cleaners
2060 Lower Roswell Road
Marietta, Georgia 30068

APPENDIX D

TABLES

Table 1.
Soil Analytical Results
TLC Cleaners
Marietta, Georgia

Sample Location	Depth (ft-bgs)	Sample Date	p-Cymene (mg/Kg)	PCE (mg/Kg)	Toluene (mg/Kg)	Xylenes (mg/Kg)
Delineation Criteria - Type 1 RRS			NR	0.5	100	20
Residential RRS			NR	0.5	100	197
Non-Residential RRS			NR	0.89	100	197
QSB-4	13.5-15	06/02/99	NA	0.023	0.01	<0.005
QSB-5	8.5-10	06/02/99	NA	<0.005	0.008	0.012
NM-1-4	4	07/30/13	<0.0071	<0.0071	<0.0071	<0.014
NM-3-4	4	07/30/13	<0.0063	0.1	<0.0063	<0.013
NM4-2	2	07/30/13	<0.043	0.78	<0.038	<0.10
NM5-5	5	07/30/13	0.47	56	<0.22	<0.60
14139-SB1-5	5	05/19/14	NA	0.021	NA	NA
14139-SB1-10	10	05/19/14	NA	0.016	NA	NA
14139-SB1-15	15	05/19/14	NA	0.00062	NA	NA

Notes:

- ft-bgs = feet below the ground surface
- PCE = Tetrachloroethene
- mg/Kg = milligrams per kilogram
- RRS = Risk Reduction Standards
- NR = Not Regulated
- NA = Constituent Not Analyzed
- <0.0035 = constituent was not detected above the detection limit.

Table 2.
Groundwater Analytical Results
TLC Cleaners
Marietta, Georgia

Sample Location	Sample Date	cis-1,2-DCE (ug/L)	Chloroform (ug/L)	PCE (ug/L)
Residential RRS		70	80	19
Non-Residential RRS		200	80	98
QMW-4	06/02/99	5	<1.0	<1.0
QMW-5	06/02/99	<1.0	64	<1.0
NM-1W	07/30/13	<1.0	<1.0	1.2
NM-2W	07/30/13	<0.1	<0.1	<0.1
14141-MW-1	05/21/14	NA	NA	43
14139-GRITTRAP*	05/19/14	NA	NA	7.1

Notes:

cis-1,2-DCE = cis-1,2-Dichloroethene

PCE = Tetrachloroethene

ug/L = micrograms per liter

<1.0 = constituent was not detected above the detection limit.

NA = Constituent not analyzed

* = Sample was a water sample collected from a grit trap inside the facility.

APPENDIX E

1999 HSRA RELEASE NOTIFICATION (QORE)



RELEASE NOTIFICATION/REPORTING FORM

HAZARDOUS SITES RESPONSE PROGRAM
 GEORGIA ENVIRONMENTAL PROTECTION DIVISION
 (Please type or print legibly)

FOR OFFICE USE ONLY

HSRP ID _____

RECEIVED

JUN 22 1999

PART I - PROPERTY INFORMATION

HAZ. SITES RESPONSE PROG.

<p>1. The information provided in this form is for:</p> <p><input checked="" type="checkbox"/> Initial Release Notification <input type="checkbox"/> Reportable Quantity Release Reporting (See Question 22 on the back of this form if you check this box.) <input type="checkbox"/> Supplemental Information</p>	<p>2. Which of the following apply to this site? (check all that apply)</p> <p><input checked="" type="checkbox"/> Release to groundwater <input checked="" type="checkbox"/> Release to soil <input type="checkbox"/> Other releases (e.g. discarded or abandoned substances, etc.)</p>
--	--

3	EPA I.D. Number (if applicable)				
4	Site or Facility Name	Newmarket Mall			
5	Site Street Address	2058 Lower Roswell Road			
6	Site City	Marietta	County	Cobb	ZIP 30067
7	Property Owner	Newmarket Mall Ltd. c/o Mr. Fred Bentley Sr.			
	Property Owner Mailing Address	Bentley, Bentley, & Bentley, 241 Washington Avenue			
9	Property Owner City	Marietta	State	Georgia	ZIP 30060
10	Property Owner Telephone No.	(770) 422-2300			
11	Site Contact Person	Same as above	Title		
12	Company Name				
13	Site Contact Mailing Address				
14	Site Contact City		State		ZIP
15	Site Contact Telephone No.				
16	Facility Owner/Operator	N/A	Title		
17	Company Name				
18	Facility Owner/Operator Mailing Address				
19	Facility Owner/Operator City		State		ZIP
20	Facility Owner/Operator Telephone No.				

21. SITE SUMMARY -- Attach a summary (no longer than one page) that gives a general description of the property, the areas affected by the release both within and beyond the property boundaries, and any actions taken to investigate, clean up or otherwise remediate the property. In addition to the one page summary, other information concerning the property may also be attached.

-- OVER --

REQUIRED ATTACHMENT - Along with this form, you **MUST** submit an original of a USGS topographical map (1:24000) with the geographic center of the site clearly marked. See the instructions for information on how to obtain an original of the map on which your site is located.

FOR OFFICE USE ONLY

Quadrangle Name: _____
Latitude: _____ ° _____ ' _____ "
Longitude: _____ ° _____ ' _____ "

22. ADDITIONAL INFORMATION FOR REPORTABLE QUANTITY RELEASE REPORTING - If you checked the box for Reportable Quantity Release Reporting in Question 1 on the other side of this form, you must also attach the following information:

- A. A description of the property boundaries of this site and adjacent properties, either by legal description, survey plat, tax map, or other means.
- B. A **DETAILED** description of the nature and the known or estimated extent of the area contaminated, both within and beyond the site's property boundaries. Drawings or tracings on attached maps may be used.

23. CERTIFICATION - I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

<u>Fred Bentley</u>	President
NAME (Please type or print)	TITLE
	6/21/99
SIGNATURE	DATE

PART II - RELEASE INFORMATION

Please provide the following information for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): Toluene

2. CAS Number (see instructions): 108883

3. Physical State:

Solid
 Powder/Ash
 Liquid/Gas/Sludge
 Unknown

4. Quantity of regulated substance released (lbs., cu. yd., etc.): Unknown

5. Highest Known Concentration (specify units): In Soil: 10ppb In Groundwater: ND

6. Surface Area of soil affected by this release: Unknown

7. Depth of this release in soil (max./min.): 13.5 - 15 feet

8. Source of this release (i.e. drums, tanks, etc.): Unknown

9. Release Date(s): Unknown

10. Access to the area affected by this release:

Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
 Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
 Unlimited Access: No surveillance, and no barrier or fence.

11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?

Less than 0.5 miles 1 to 2 miles Greater than 3 miles
 0.5 to 1 mile 2 to 3 miles Unknown

12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?

Less than 300 feet 1001 to 3000 feet Greater than 1 mile
 301 to 1000 feet 3001 to 5280 feet Unknown

13. Has a human been exposed to this release?

Yes
 Suspected
 No
 Unknown

14. What is the approximate thickness of the cover (if any) over the area affected by this release? Less than 6 inches

15. For soil releases, what is the type of material covering this release?

A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
 An engineered and maintained earthen material or compacted fill or a high density synthetic material
 Loose earthen fill or native soil
 No cover
 Other _____

PART II - RELEASE INFORMATION

Please provide the following information for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): Xylenes (total)
2. CAS Number (see instructions): 1330207
3. Physical State:
- Solid
 Powder/Ash
 Liquid/Gas/Sludge
 Unknown
4. Quantity of regulated substance released (lbs., cu. yd., etc.): Unknown
5. Highest Known Concentration (specify units): In Soil: 12 ppb In Groundwater: ND
6. Surface Area of soil affected by this release: Unknown
7. Depth of this release in soil (max./min.): 8.5 - 10 feet
8. Source of this release (i.e. drums, tanks, etc.): Unknown
9. Release Date(s): Unknown
10. Access to the area affected by this release:
- Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
 Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
 Unlimited Access: No surveillance, and no barrier or fence.
11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?
- Less than 0.5 miles 1 to 2 miles Greater than 3 miles
 0.5 to 1 mile 2 to 3 miles Unknown
12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?
- Less than 300 feet 1001 to 3000 feet Greater than 1 mile
 301 to 1000 feet 3001 to 5280 feet Unknown
13. Has a human been exposed to this release?
- Yes
 Suspected
 No
 Unknown
14. What is the approximate thickness of the cover (if any) over the area affected by this release? Less than 6 inches
15. For soil releases, what is the type of material covering this release?
- A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
 An engineered and maintained earthen material or compacted fill or a high density synthetic material
 Loose earthen fill or native soil
 No cover
 Other _____

PART II - RELEASE INFORMATION

Please provide the following information for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): Tetrachloroethylene
2. CAS Number (see instructions): 127184
3. Physical State:
- Solid
 Powder/Ash
 Liquid/Gas/Sludge
 Unknown
4. Quantity of regulated substance released (lbs., cu. yd., etc.): Unknown
5. Highest Known Concentration (specify units): In Soil: 23 ppb In Groundwater: 64 ppb
6. Surface Area of soil affected by this release: Unknown
7. Depth of this release in soil (max./min.): 13.5 - 15 feet
8. Source of this release (i.e. drums, tanks, etc.): Unknown
9. Release Date(s): Unknown
10. Access to the area affected by this release:
- Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
 Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
 Unlimited Access: No surveillance, and no barrier or fence.
11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?
- Less than 0.5 miles 1 to 2 miles Greater than 3 miles
 0.5 to 1 mile 2 to 3 miles Unknown
12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?
- Less than 300 feet 1001 to 3000 feet Greater than 1 mile
 301 to 1000 feet 3001 to 5280 feet Unknown
13. Has a human been exposed to this release?
- Yes
 Suspected
 No
 Unknown
14. What is the approximate thickness of the cover (if any) over the area affected by this release? Less than 6 inches
15. For soil releases, what is the type of material covering this release?
- A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
 An engineered and maintained earthen material or compacted fill or a high density synthetic material
 Loose earthen fill or native soil
 No cover
 Other _____

PART II – RELEASE INFORMATION

Please provide the following information for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): Chloroform

2. CAS Number (see instructions): 67663

3. Physical State:

Solid
 Powder/Ash
 Liquid/Gas/Sludge
 Unknown

4. Quantity of regulated substance released (lbs., cu. yd., etc.) Unknown

5. Highest Known Concentration (specify units): In Soil: ND In Groundwater: 2.3 ppb

6. Surface Area of soil affected by this release: Unknown

7. Depth of this release in soil (max./min.): 12.17 feet

8. Source of this release (i.e. drums, tanks, etc.): Unknown

9. Release Date(s): Unknown

10. Access to the area affected by this release:

Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
 Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
 Unlimited Access: No surveillance, and no barrier or fence.

11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?

Less than 0.5 miles 1 to 2 miles Greater than 3 miles
 0.5 to 1 mile 2 to 3 miles Unknown

12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?

Less than 300 feet 1001 to 3000 feet Greater than 1 mile
 301 to 1000 feet 3001 to 5280 feet Unknown

13. Has a human been exposed to this release?

Yes
 Suspected
 No
 Unknown

14. What is the approximate thickness of the cover (if any) over the area affected by this release? Less than 6 inches

15. For soil releases, what is the type of material covering this release?

A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
 An engineered and maintained earthen material or compacted fill or a high density synthetic material
 Loose earthen fill or native soil
 No cover
 Other _____

PART II - RELEASE INFORMATION

Please provide the following information for EACH regulated substance release at the site. Complete a separate page for each regulated substance released.

1. Chemical Name (see instructions): cis - 1,2 - Dichloroethene

2. CAS Number (see instructions): 156592

3. Physical State:

Solid
 Powder/Ash
 Liquid/Gas/Sludge
 Unknown

4. Quantity of regulated substance released (lbs., cu. yd., etc.): Unknown

5. Highest Known Concentration (specify units): In Soil: ND In Groundwater: 5.3 ppb

6. Surface Area of soil affected by this release: Unknown

7. Depth of this release in soil (max./min.): 9.00 feet

8. Source of this release (i.e. drums, tanks, etc.): Unknown

9. Release Date(s): Unknown

10. Access to the area affected by this release:

Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
 Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
 Unlimited Access: No surveillance, and no barrier or fence.

11. What is the distance between the area affected by this release and the nearest drinking water well (including wells on the site)?

Less than 0.5 miles 1 to 2 miles Greater than 3 miles
 0.5 to 1 mile 2 to 3 miles Unknown

12. What is the approximate distance from the edge of the area affected by this release to the nearest residence, playground, day care facility, workplace, school or other regularly occupied building or area?

Less than 300 feet 1001 to 3000 feet Greater than 1 mile
 301 to 1000 feet 3001 to 5280 feet Unknown

13. Has a human been exposed to this release?

Yes
 Suspected
 No
 Unknown

14. What is the approximate thickness of the cover (if any) over the area affected by this release? Less than 6 inches

15. For soil releases, what is the type of material covering this release?

A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
 An engineered and maintained earthen material or compacted fill or a high density synthetic material
 Loose earthen fill or native soil
 No cover
 Other _____

21. Site Summary

The site is irregularly shaped and comprises 6.197 acres. The site is at an approximate original elevation range of 1010 to 1025 feet above Mean Sea Level. Surface drainage is to the north into a drainage swale that flows southward into Rottenwood Creek.

A one-story concrete-block building with brick facing on the front contains retail shops. The 46,555-square foot building was constructed sometime after 1972 and originally housed a Winn-Dixie grocery store and REVCO drug store. Current tenants are:

1. TLC Cleaners
2. A Christian fellowship hall - Comunidade Evangelic Sara Nossa Terra (Brazilian)
3. Easy Hair beauty salon
4. All Star Pizza
5. Gold's Gym (former REVCO)
6. Chuck's Sneakers and Cleats (former Winn-Dixie)

The parking lot in front of the building is asphalt-paved as the service drive at the rear. A locked chain-link fence surrounds the service area.

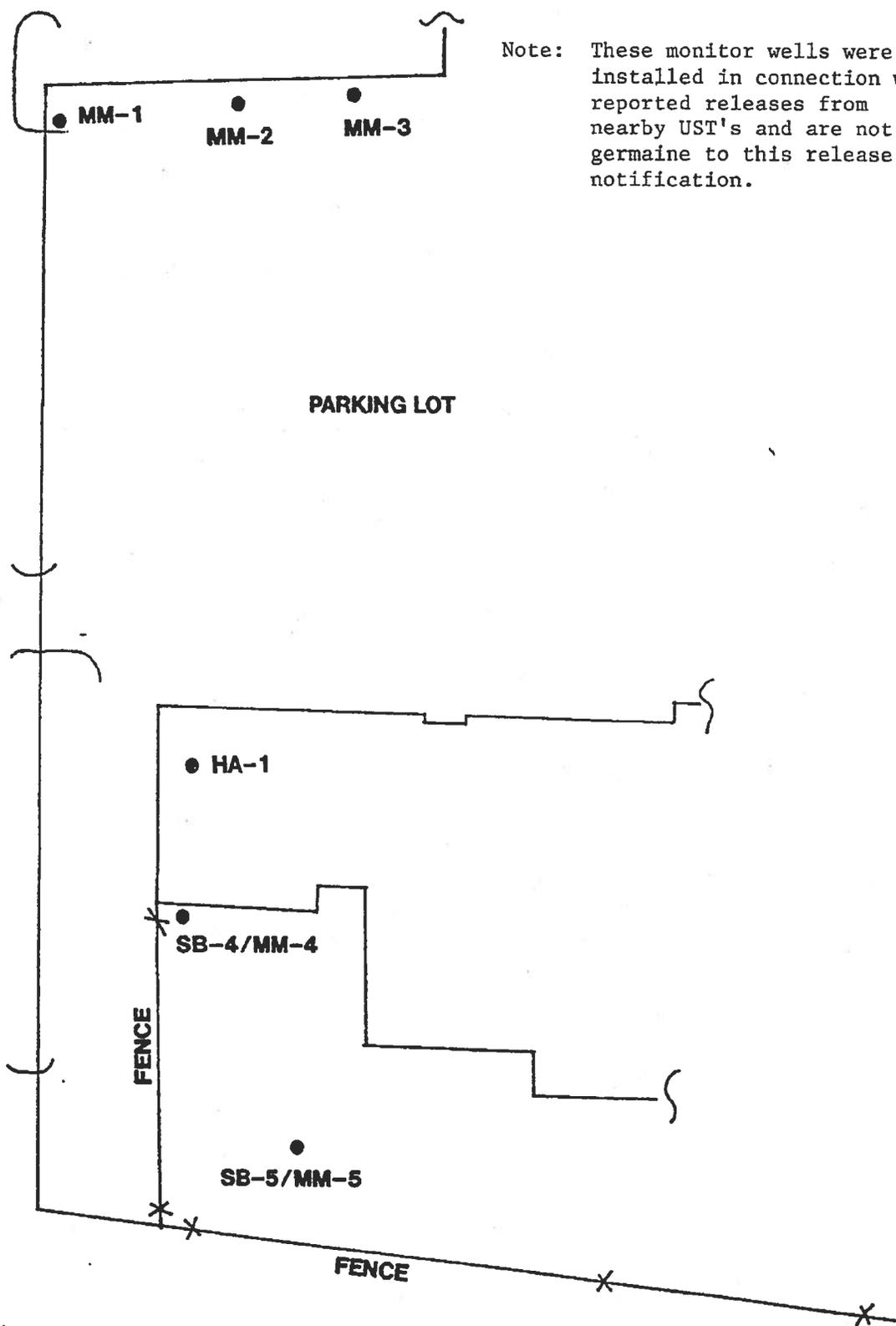
On May 28, 1999, soil test borings were drilled inside the fenced service area and temporary groundwater monitor wells were installed. Soil samples and groundwater samples were collected and transported to an analytical chemistry laboratory.

Toluene was encountered in soils at concentrations of 10 parts per billion (ppb) in boring SB-4 (near the back door of the dry cleaners) and 8 ppb in boring SB-5 (near the property line/creek). Total xylenes were also detected in boring SB-5 at a concentration of 12 ppb. Tetrachloroethylene (also known as perchloroethylene or "perc") was encountered in the soil at a concentration of 23 ppb in boring SB-4 (near the back door of the cleaners). Tetrachloroethylene was encountered in the groundwater in concentrations of 64 ppb in MW-5 (near the property line/creek). Chloroform was also encountered in the groundwater at a concentration of 2.3 ppb in MW-5. A common degradation by-product of tetrachloroethylene, *cis*-1,2, Dichloroethene, was encountered in the groundwater at a concentration of 5.3 ppb in MW-4 (near the back door of the dry cleaners).

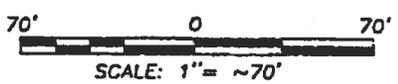
Note: These monitor wells were installed in connection with reported releases from nearby UST's and are not germane to this release notification.

SHAWNEE TRAIL

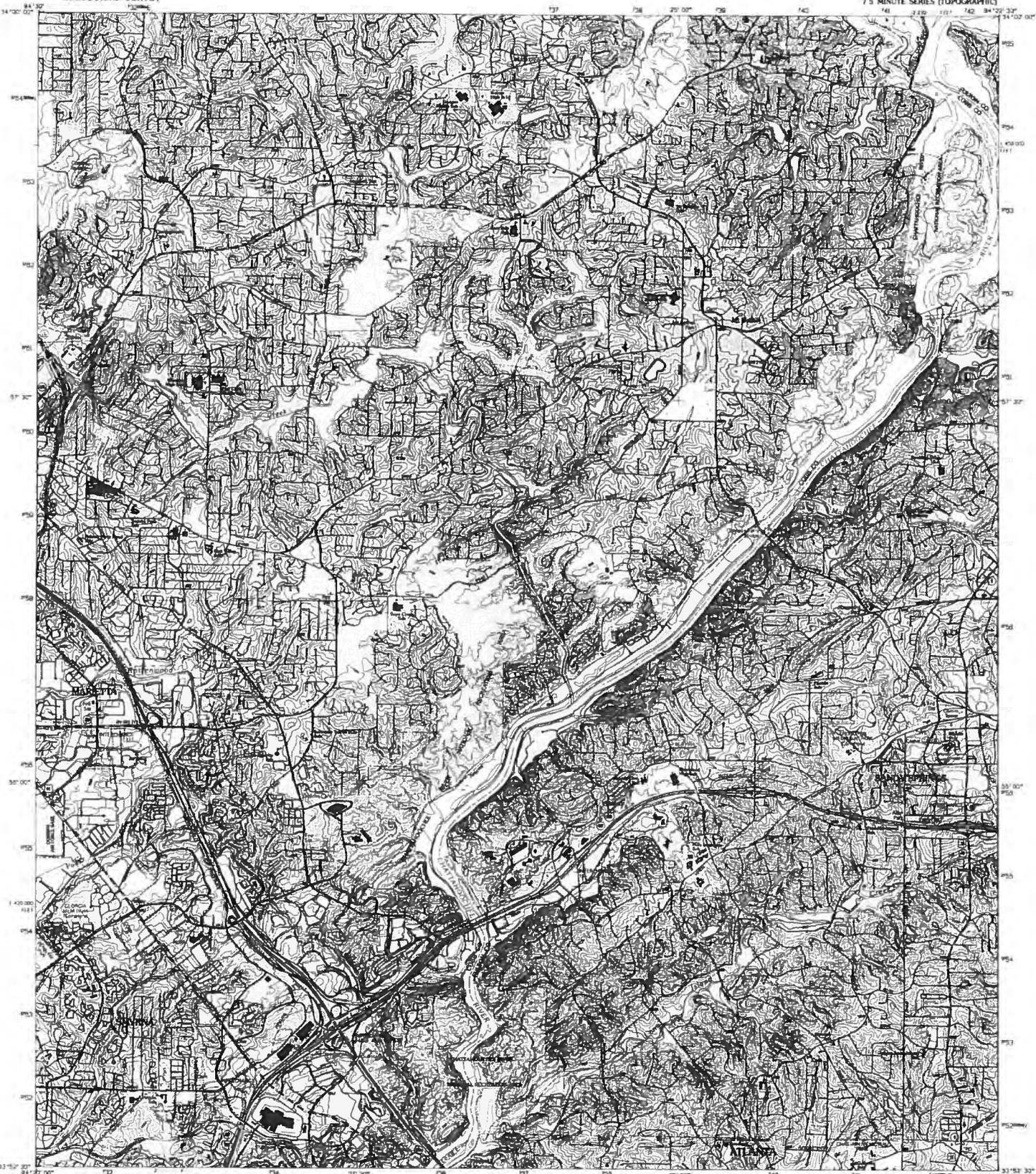
PARKING LOT



DATE: 6-11-99	CAD FILE: 1	DRAWN BY: AGT	CHECKED BY: <i>AG</i>	VERT. SCALE: N/A	HORZ. SCALE: 1" = ~70'	REPORT No.:	JOB No.:	PLATE No.:
						137847	20129	1



SOIL BORING/MONITORING WELL
 LOCATION PLAN
 NEW MARKET MALL
 WARETTA, GEORGIA

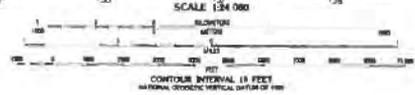
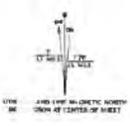


Produced by the United States Geological Survey
Copyright from original source 1967 and other sources in
field (last ed. 1993). Map revised 1995.

North American Datum of 1983 (NAD 83) Projection and
Units: UTM-zone 18Q UTM Zone 18Q, Universal Transverse Mercator, zone 18,
18 980-foot (meter) Georgia Coordinate System of 1983 (same zone).

North American Datum of 1927 (NAD 27) is shown by dashed
contour lines. The values of the dashed contours 1400, 1500, and 1600 are
for 1:25,000-scale maps and are obtainable from National Geospatial
Intelligence (NGI).

There may be certain buildings within the boundaries of
the National or State reservations shown on this map.



ROAD CLASSIFICATION

Primary highway: Light duty road, hard or
hard surface: improved surface:
Secondary highway: Unimproved road:
Road surface: Interstate Road: U.S. Route: State Route:

QUADRANGLE LOCATION

1	2	3
4	5	6
7	8	9

ABSTRACT T1: QUADRANGLE NAME

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DISPLAYING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

SANDY SPRINGS, GA
33684 64 7T-024
1993
DMA 616 P-7482685 V4H

W11161
00010
Westmont Mill



Georgia Department of Natural Resources

205 Butler Street, S.E., Suite 1462, Atlanta, Georgia 30334
Lonice C. Barrett, Commissioner
Environmental Protection Division
Harold F. Rehels, Director
404/657-8600

July 16, 1999

Newmarket Mall Ltd.
c/o Mr. Fred Bentley Sr.
Bentley, Bentley, & Bentley
241 Washington Avenue
Marietta, Georgia 30060

FILE COPY

RE: HSRA release notification
Newmarket Mall
2058 Lower Roswell Road
Marietta, Georgia 30067

Dear Mr. Bentley:

Pursuant to the Rules for Hazardous Site Response, specifically Rule 391-3-19-.05(1) "Listing on the Hazardous Site Inventory," the Environmental Protection Division (EPD) has evaluated the above referenced property to determine whether a release exceeding a reportable quantity has occurred. Based upon the information available to EPD at the time this evaluation was done, including your notification dated June 21, 1999, EPD has no reason to believe that a release exceeding a reportable quantity has occurred at this property. Therefore, this property will not be listed on the Hazardous Site Inventory.

If you become aware of information not provided in the notification that would significantly alter EPD's determination concerning conditions at the property, please provide that updated information to EPD. If this new information indicates that the property has had a release exceeding a reportable quantity, EPD will notify you in writing.

If you have any questions, please call Peter Fleury of EPD's Hazardous Sites Response Program at (404) 657-8600.

Sincerely,



Jane Hendricks
Unit Coordinator
Hazardous Sites Response Program

File: Non-HSI, [Cobb County] Newmarket Mall

R:\PETERF\NON-HSI\NEWMARKE\NON-HSI.LTR

Georgia Department of Natural Resources

205 Butler Street SE, Suite 1154 Atlanta, Georgia 30334

Lonice C. Barrett, Commissioner
Environmental Protection Division
Harold F. Rehels, Director
404/656-2833 404/656-7802

June 30, 1999

MEMORANDUM

TO: Jane Hendricks *JH*
FROM: Peter Fleury *PJF*
SUBJECT: Newmarket Mall
Marietta, Georgia
Non-HSI Recommendation

Newmarket Mall, LTD., submitted an Initial Release Notification for the site, dated June 21, 1999. The release notification reported groundwater contaminated with tetrachloroethene, chloroform, and cis-1,2-dichloroethene. Tetrachloroethene, toluene, and xylenes were detected in soils at the site below notification concentrations. Neither the groundwater pathway nor the on-site exposure pathway exceeded the RQSM threshold limit; therefore, it is recommended that the site be not placed on the HSI.

Tetrachloroethene was detected at a maximum concentration of 64 ppb in groundwater at the subject site. The quantity of tetrachloroethene was deemed unknown. A well survey did not identify any wells within a one mile radius of the site. Based on a well distance of greater than one mile, the resulting S_{gw} value for the site is 6.5.

The site was scored for a suspected release of tetrachloroethene to soil. The site has unlimited access and the quantity was deemed unknown. The nearest residence is located within 300 feet of the site. Based on the unlimited access to the site and location of the nearest residence, the score for the on-site pathway, S_{o_s} , is 19.75.

Given the available data, the site does not meet the RQSM threshold criteria for listing. I recommend that the site not be placed on the HSI.

R:\PETERF\NON-HSI\NEWMARKE\MEMO.LET

**HAZARDOUS WASTE MANAGEMENT BRANCH
HAZARDOUS SITES RESPONSE PROGRAM
REPORTABLE QUANTITIES SCREENING METHOD**

SCORED BY:	Peter Fleury	DATE:	June 25, 1999
GROUNDWATER PATHWAY SCORE:	6.50	CLEANUP HISTORY: <input checked="" type="checkbox"/> NO CLEANUP INITIATED AT SITE <input type="checkbox"/> SOME CLEANUP UNDERWAY AT SITE <input type="checkbox"/> CLEANUP HAS BEEN COMPLETED	
ON-SITE PATHWAY SCORE:	19.75		

EPA ID NUMBER:					
SITE OR FACILITY NAME:	Newmarket Mall				
SITE STREET ADDRESS:	2058 Lower Roswell Road				
SITE CITY:	Marietta	SITE COUNTY:	Cobb	ZIP CODE:	30060

IF SITE SCORES ABOVE THE THRESHOLD VALUE FOR EITHER PATHWAY, PROVIDE THE FOLLOWING INFORMATION. ALL REGULATED SUBSTANCES DETECTED AT THE SITE SHOULD BE LISTED ON PAGE 2, EXCLUDING THOSE USED TO SCORE THE SITE.

PROPERTY OWNER:	Newmarket Mall. Ltd.				
MAILING ADDRESS:	241 Washington Avenue				
CITY:	Marietta	STATE:	Georgia	ZIP:	30060
TELEPHONE NUMBER:	770.422.2300				
SITE CONTACT PERSON/TITLE:	Fred Bentley Sr.				
COMPANY NAME:	Bentley, Bentley, & Bentley				
MAILING ADDRESS:	241 Washington Avenue				
CITY:	Marietta	STATE:	Georgia	ZIP:	30060
TELEPHONE NUMBER:	770.422.2300				
SITE OWNER/OPERATOR:					
COMPANY NAME:					
MAILING ADDRESS:					
CITY:		STATE:		ZIP:	
TELEPHONE NUMBER:					

ON-SITE EXPOSURE PATHWAY

ACCESS TO THE SITE:																										
Inaccessible (0)	Limited Access (2)	Unlimited Access (4)	A. 4																							
HAS THERE BEEN A RELEASE?																										
Yes (25)	Suspected (15)	No (0)	B. 15																							
CONTAINMENT:																										
<table border="1" style="width:100%; border-collapse: collapse; margin: 10px 0;"> <thead> <tr> <th rowspan="2">COVER VALUE</th> <th colspan="3">DEPTH TO RELEASE</th> </tr> <tr> <th>Greater than 24"</th> <th>6-24"</th> <th>0 to 6"</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>0</td> <td>1</td> <td>2</td> </tr> <tr> <td>1</td> <td>1</td> <td>2</td> <td>3</td> </tr> <tr> <td>2</td> <td>2</td> <td>3</td> <td>4</td> </tr> <tr> <td>3</td> <td>3</td> <td>4</td> <td>5</td> </tr> </tbody> </table>		COVER VALUE	DEPTH TO RELEASE			Greater than 24"	6-24"	0 to 6"	0	0	1	2	1	1	2	3	2	2	3	4	3	3	4	5		
COVER VALUE	DEPTH TO RELEASE																									
	Greater than 24"	6-24"	0 to 6"																							
0	0	1	2																							
1	1	2	3																							
2	2	3	4																							
3	3	4	5																							
Aboveground Releases: (0) (1) (2) (3)			5																							
REGULATED SUBSTANCE:	Tetrachloroethene		1D.																							
TOXICITY:			2D.																							
None (1)	Low (1)	(2) (4) (8) (16)	4																							
QUANTITY:			3D.																							
(1)	(2)	(3) (4) (5) (6) (7) (8)	4																							
DISTANCE TO NEAREST RESIDENT INDIVIDUAL:			1E.																							
<300 (8)	301 - 1000 (6)	1001 - 3000 (4)	3001 - 5280 (2)	> 1 Mile (1)	8																					
IS THERE AN ON-SITE SENSITIVE ENVIRONMENT?		Yes (1) No (0)	2E.	0																						
ON-SITE EXPOSURE PATHWAY SCORE:			19.75																							

$$So = A \times (B + C) \times (2D + 3D) \times (1E + 2E) / 259.2$$

If A or B = 0, then So = 0

If 2D is unknown, then 2D = 4

If 3D is unknown, then 3D = 4

Note: The denominator of 259.2 normalizes the score to value of between 0 and 100.

GROUNDWATER PATHWAY

HAS A RELEASE TO GROUNDWATER OCCURRED?		SCORE	
Known (45)	Suspected (10)	Potential Future (5)	
(If 45, go to D)			A.
			45
SUSCEPTIBILITY RATING		1B.	
Higher (6)	Average (3)	Lower (0)	
PHYSICAL STATE		2B.	
Stable Solid (0)	Unstable Solid (1)		
Powder/Ash (2)	Liquid/Gas/Sludge (3)		
CONTAINMENT		C.	
Very good (0)	Good (1)	Fair (2)	Poor (3)
REGULATED SUBSTANCE:	Tetrachloroethene		1D.
TOXICITY:		2D.	4
None (1)	Low (1)	(2)	(4)
(8)	(16)		
QUANTITY:		3D.	4
(1)	(2)	(3)	(4)
(5)	(6)	(7)	(8)
EXPOSURE TO GROUNDWATER RELEASE: (one choice only)		1E.	
Known release ≥ MCL and known human exposure ≥ MCL.....(25)			
Known release ≥ MCL and suspected human exposure.....(20)			
Known release, no MCL exists, and known human exposure.....(18)			
Known release ≥ MCL and known human exposure < MCL.....(15)			
Known release, no MCL and suspected human exposure.....(12)			
Suspected release and human exposure suspected.....(8)			
Known release ≥ MCL but no human exposure suspected.....(4)			
Known release, no MCL and no human exposure suspected.....(3)			
Suspected release, but no human exposure suspected.....(2)			
Potential future release.....(1)			
Known release less than MCL.....(0)			4
DISTANCE TO WELL OR SPRING:		2E.	4
< 1/2 mile (16)	1/2 - 1 mile (9)	1 - 2 miles (4)	2 - 3 miles (1)
> 3 miles (0)			
GROUNDWATER PATHWAY SCORE:		6.50	

$$S_{gw} = M \times (2D + 3D) \times (1E + 2E) / 442.8$$

$$\text{where } M = A + [(1B + 2B) \times C]$$

If A = 45, then M=45

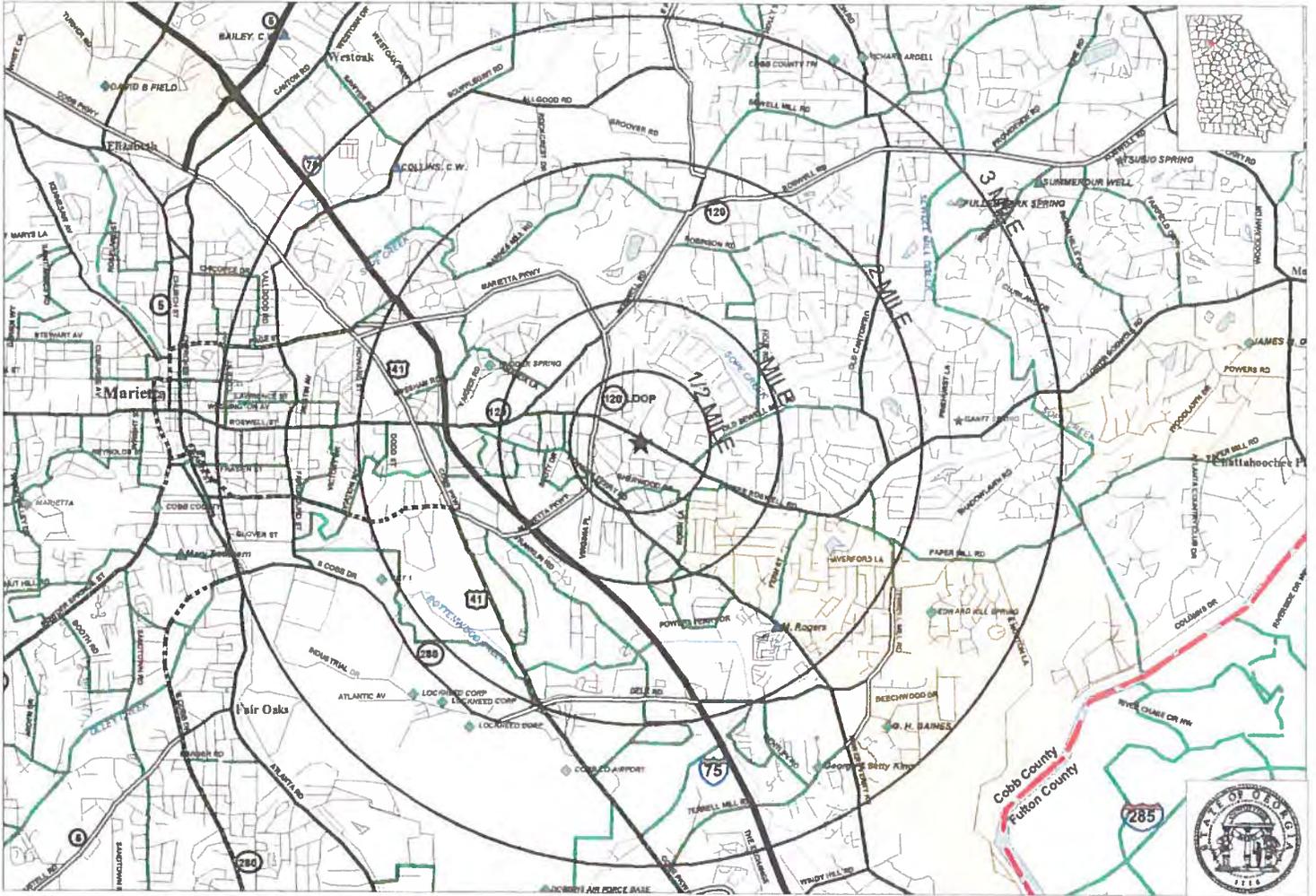
If 2D is unknown, then 2D = 4

If 3D is unknown, then 3D = 4

If 1E includes known or suspected human exposure, then 2E = 16

If 1E = 0, then e = 1

Note: The denominator of 442.8 normalizes the groundwater score to a value between 0 and 100.



- | | | |
|--|---------------------------|-----------------|
| Census Block Group with >zero non-public supply well | Industrial Well | County Boundary |
| Census Block Group served by public water | Commercial Well | Road |
| Public Supply Well | Irrigation Well | Major Highway |
| Surface Water Intake | Livestock well | Stream/River |
| Domestic Well | Well - Unknown use | Railroad |
| Unused Well | Other Well | Wetland |
| Spring | Other Well - Non Drinking | |

New Market Mall
2085 Lower Roswell Road
Marietta, Cobb County
 1/2, 1, 2 and 3 MILE RADII Well Locations

33 56' 56.1" North Latitude / 84 29' 32.7" West Longitude

SOURCES: Georgia Public Water Source Inventory, 1994; US Census Bureau 1990; Ga. Water Source Inv., USGS, 1996

Georgia Department of Natural Resources

205 Butler Street, S.E., Suite 1462, Atlanta, Georgia 30334

Lonice C. Barrett, Commissioner

Environmental Protection Division

Harold F. Reheis, Director

404/657-8600

June 30, 1999

TRIP REPORT

Site Name & Location: Newmarket Mall
2058 Lower Roswell Road
Marietta, Georgia 30060 (Cobb County)

Trip By: Peter Fleury, Environmental Specialist *PSF*
Response Development Unit, HSRP

Date of Trip: June 29, 1999

Reference: Well Survey

Comments:

On June 29, 1999, I conducted a well survey for the subject site, for which EPD received a Release Notification/Reporting Form dated June 21, 1999. Based on the computer generated well survey, a census block was identified within a one-mile radius and southeast of the site, that had a non-public supply well. The census block was bordered to the north by Lower Roswell Road, to the south by Powers Ferry Road and to the west by Robin Lane. I conducted a survey of the residences in the census block, looking for wellhouses and/or meter boxes. No well houses were observed during the well survey. Meter boxes and fire hydrants were observed along all the streets located in the census block. Based on the well survey, the nearest well is greater than 1 mile from the site.

Recommendation:

Proceed with scoring the notification noting that the nearest well is greater than 1 mile from the site.

REVIEWED BY: *John Min* DATE: 7-6-99

R:\PETERF\NON-HS\NEWMARKE\TRIP.LET

BENTLEY, BENTLEY & BENTLEY

Attorneys at Law
241 WASHINGTON AVENUE
P. O. BOX 968
MARIETTA, GEORGIA 30060
(770) 422-2300

FRED D. BENTLEY, SR.
FRED D. BENTLEY, JR.*
R. RANDALL BENTLEY, SR.

ESTABLISHED 1948

FACSIMILE NO.:
(770) 424-5820

*ADMITTED TO PRACTICE IN
LOUISIANA AND TEXAS

OF COUNSEL

SANDERS B. DEEN
JAMES W. FRIEDEWALD
ROBERT J. GRAYSON
VERONICA S. JONES
COLEEN D. HOSACK
CECIL G. MCLONDON, JR.

June 21, 1999

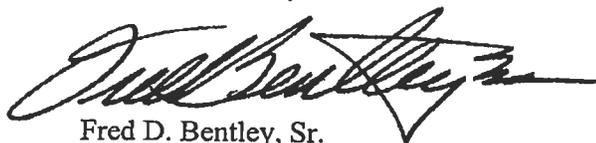
Georgia Environmental Protection Division
Hazardous Sites Response Program
Floyd Tower East, Suite 1154
205 Butler St. SE
Atlanta, GA 30334

To Whom it May Concern:

Enclosed is a completed Release Notification/Reporting Form for the property located at 2058 Lower Roswell Rd., Marietta, Georgia.

Sincerely,

Newmarket Mall, LTD.



Fred D. Bentley, Sr.
President

FDB,Sr/mc

Enclosures

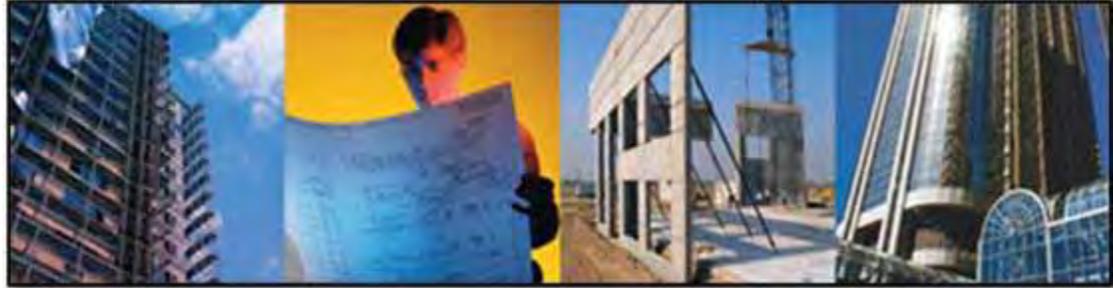
RECEIVED

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HAZ. SITES RESPONSE PROG.

APPENDIX F

**JUNE 2013 PHASE I ENVIRONMENTAL SITE
ASSESSMENT REPORT (PARTNER)**



**PHASE I ENVIRONMENTAL
SITE ASSESSMENT REPORT**

IRON POINT PORTFOLIO – NEW MARKET CENTER
2060 Lower Roswell Road
Marietta, Georgia 30068

Date Issued: June 25, 2013
Partner Project No. 13-104504.28



Prepared For

A10 CAPITAL, LLC (ITS SUCCESSORS AND/OR ASSIGNS)
250 South 5th Street, #400
Boise, Idaho 83702

June 25, 2013

Mr. Jamie Berenger
A10 Capital, LLC (its successors and/or assigns)
250 South 5th Street, #400
Boise, Idaho 83702

Re: Phase I Environmental Site Assessment
Iron Point Portfolio – New Market Center
2060 Lower Roswell Road
Marietta, Georgia 30068
Partner Project No. 13-104504.28

Dear Mr. Berenger:

Partner Engineering and Science, Inc. (Partner) is pleased to provide the results of the *Phase I Environmental Site Assessment* (Phase I ESA) report of the above-mentioned address (the “subject property”). This assessment was performed in general conformance with the scope and limitations as detailed in the ASTM Practice E1527-05 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

This assessment included a site reconnaissance as well as research and interviews with representatives of the public, property ownership, site manager and regulatory agencies. An assessment was made, conclusions stated and recommendations outlined.

We appreciate the opportunity to provide environmental services to A10 Capital, LLC (its successors and/or assigns). If you have any questions concerning this report, or if we can assist you in any other matter, please contact Melissa Dahl at 201-984-3651 or email at mdahl@partneresi.com.

Sincerely,

PARTNER ENGINEERING & SCIENCE, INC.



Melissa Dahl
Relationship Manager

EXECUTIVE SUMMARY

Partner Engineering and Science, Inc. (Partner) has performed a Phase I Environmental Site Assessment (ESA) in general accordance with the scope of work and limitations of ASTM Standard Practice E1527-05, the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) for the property located at 2060 Lower Roswell Road in the City of Marietta, Cobb County, Georgia (the “subject property”). The Phase I ESA is designed to provide A10 Capital, LLC (its successors and/or assigns), referred to herein as “Client” and “User,” with an assessment concerning environmental conditions (limited to those issues identified in the report) as they exist at the subject property.

Property Description

The subject property is located on the south side of Lower Roswell Road, within a mixed commercial and residential area of Marietta, Georgia. Please refer to the table below for further description of the subject property:

Address:	2060 Lower Roswell Road, Marietta, Cobb County, Georgia
Alternate Address	2058 Lower Roswell Road
Assessor’s Parcel Number (APN):	16124400330
Nature of Use:	Commercial
Number of Buildings:	One
Number of Floors:	One
Type of Construction:	Slab-on-grade
Building Square Footage (SF):	47,687 SF
Land Acreage (Ac):	4.805 Ac
Date of Construction:	1973
Current Tenants:	TLC Cleaners, Art & Food, Three Colors Asian Kitchen, Marietta and Vineyard Church

The subject property is currently occupied by TLC Cleaners, Art & Food, Three Colors Asian Kitchen, Marietta and Vineyard Church for commercial use. On-site operations consist of dry cleaning, food preparation and religious services. In addition to the current structure, the subject property is also improved with asphalt-paved parking areas and associated landscaping.

According to available historical sources, the subject property was formerly undeveloped and in agricultural production as early as 1938 until 1972. The site was subsequently redeveloped with the current structure in 1973.

The immediately surrounding properties consist of Massey Automotive and a strip center containing Bruester's Ice Cream and Myschka's Salon followed by Lower Roswell Road, which is followed by East Marietta Branch Library and Sewell Park to the north; various residences to the south; Zaxby's restaurant to the east; and Shawnee Lane followed by undeveloped land and Arnolds Automotive to the west.

According to topographic map interpretation, the depth and direction of groundwater in the vicinity of the subject property is inferred to be present at greater than 20 feet below ground surface (bgs) and flows to the southeast.

Findings

A *recognized environmental condition (REC)* refers to the presence or likely presence of any hazardous substance or petroleum product on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term REC includes hazardous substances and petroleum products even under conditions that might be in compliance with laws. The term is not intended to include "de minimis" conditions that do not present a threat to human health and/or the environment and that would not be subject to an enforcement action if brought to the attention of appropriate governmental agencies. The following was identified during the course of this assessment:

- During the on-site reconnaissance, Partner observed the presence of a dry cleaning tenant, identified as TLC Cleaners within Suite 100. According to the interviews and historical documentation, the subject property has been occupied by a dry cleaning business from as early as 1989 to present day. According to the manager, on-site dry cleaning operations use chlorinated solvents, such as perchloroethylene (PCE). These, solvents, even when properly stored and disposed of, can be released from these facilities in small, frequent releases through floor drains, cracked concrete, and sewer systems. Chlorinated solvents are highly mobile chemicals that can easily accumulate in the soil and migrate to the groundwater beneath a facility. During the on-site reconnaissance, Partner observed several 30- and 55-gallon steel drums of new and spent PCE stored without secondary containment, and one closed loop machine within the unit. No floor drains were noted in the general vicinity of the machine or stored chemicals. Additionally, a previous subsurface investigation performed at the subject property in 1999 revealed low concentrations of soil and groundwater contamination associated with the on-site drycleaning facility. The Georgia Environmental Protection Division (GEPD) determined that the release did not exceed a reportable quantity and the site was not placed on the Hazardous Site Inventory (HIS) at that time. Based on the reported presence of subsurface impacts associated with on-site drycleaning operations, and duration of dry cleaning operations onsite (approximately 24 years), in addition to duration since the last subsurface investigation, the presence of the dry cleaning business is considered a recognized environmental condition.

A *historical recognized environmental condition (HREC)* refers to an environmental condition which would have been considered a REC in the past, but which is no longer considered a REC

based on subsequent assessment or regulatory closure. The following was identified during the course of this assessment:

- Partner did not identify any HRECs during the course of this assessment.

An *environmental issue* refers to environmental concerns identified by Partner, which do not qualify as RECs; however, require discussion. The following was identified during the course of this assessment:

- Suspect mold was noted along the bottom of one wall within Suite 400.
- Due to the age of the subject property building, there is a potential that asbestos-containing materials (ACMs) are present. Overall, all suspect ACMs were observed in good condition and do not pose a health and safety concern to the occupants of the subject property at this time.

Conclusions, Opinions and Recommendations

Partner has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-05 of 2060 Lower Roswell Road in the City of Marietta, Cobb County, Georgia (the “subject property”). Any exceptions to or deletions from this practice are described in Section 1.5 of this report.

This assessment has revealed evidence of recognized environmental conditions and environmental issues in connection with the subject property. Based on the conclusions of this assessment, Partner recommends the following:

- The presence or absence of contamination associated with the historical use of the subject property can only be determined through subsurface investigation. A limited subsurface investigation should be conducted in order to determine the presence or absence of soil and/or groundwater contamination.
- An Operations and Maintenance (O&M) Program should be implemented in order to safely manage the suspect ACMs located at the subject property.

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1.0 INTRODUCTION

Partner Engineering and Science, Inc. (Partner) has performed a Phase I Environmental Site Assessment (ESA) in general conformance with the scope and limitations of ASTM Standard Practice E1527-05 and the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) for the property located at 2060 Lower Roswell Road in the City of Marietta, Cobb County, Georgia (the “subject property”). Any exceptions to, or deletions from, this scope of work are described in the report.

1.1 Purpose

The purpose of this ESA is to identify existing or potential Recognized Environmental Conditions (as defined by ASTM Standard E-1527-05) affecting the subject property that: 1) constitute or result in a material violation or a potential material violation of any applicable environmental law; 2) impose any material constraints on the operation of the subject property or require a material change in the use thereof; 3) require clean-up, remedial action or other response with respect to Hazardous Substances or Petroleum Products on or affecting the subject property under any applicable environmental law; 4) may affect the value of the subject property; and 5) may require specific actions to be performed with regard to such conditions and circumstances. The information contained in the ESA Report will be used by A10 Capital, LLC to: 1) evaluate its legal and financial liabilities for transactions related to foreclosure, purchase, sale, loan origination, loan workout or seller financing; 2) evaluate the subject property’s overall development potential, the associated market value and the impact of applicable laws that restrict financial and other types of assistance for the future development of the subject property; and/or 3) determine whether specific actions are required to be performed prior to the foreclosure, purchase, sale, loan origination, loan workout or seller financing of the subject property.

This ESA was performed to permit the *User* (A10 Capital, LLC) to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on scope of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. §9601) liability (hereinafter, the “*landowner liability protections*,” or “*LLPs*”). ASTM Standard E-1527-05 constitutes “*all appropriate inquiry* into the previous ownership and uses of the *property* consistent with good commercial or customary practice” as defined at 42 U.S.C. §9601(35)(B).

1.2 Scope of Work

The scope of work for this ESA is in general accordance with the requirements of ASTM Standard E 1527-05. This assessment included: 1) a property and adjacent site reconnaissance; 2) interviews with key personnel; 3) a review of historical sources; 4) a review of regulatory agency records; and 5) a review of a regulatory database report provided by a third-party vendor.

If requested by A10 Capital, LLC, this report may also include the identification, discussion of, and/or limited sampling of asbestos-containing materials (ACMs), lead-based paint (LBP), mold and/or radon.

1.3 Limitations

Partner warrants that the findings and conclusions contained herein were accomplished in accordance with the methodologies set forth in the Scope of Work. These methodologies are described as representing good commercial and customary practice for conducting an ESA of a property for the purpose of identifying recognized environmental conditions. There is a possibility that even with the proper application of these methodologies there may exist on the subject property conditions that could not be identified within the scope of the assessment or which were not reasonably identifiable from the available information. Partner believes that the information obtained from the record review and the interviews concerning the subject property is reliable. However, Partner cannot and does not warrant or guarantee that the information provided by these other sources is accurate or complete. The conclusions and findings set forth in this report are strictly limited in time and scope to the date of the evaluations. The conclusions presented in the report are based solely on the services described therein, and not on scientific tasks or procedures beyond the scope of agreed-upon services or the time and budgeting restraints imposed by A10 Capital, LLC. No other warranties are implied or expressed.

Some of the information provided in this report is based upon personal interviews, and research of available documents, records, and maps held by the appropriate government and private agencies. This report is subject to the limitations of historical documentation, availability, and accuracy of pertinent records, and the personal recollections of those persons contacted.

This practice does not address requirements of any state or local laws or of any federal laws other than the all appropriate inquiry provisions of the LLPs. Further, this report does not intend to address all of the safety concerns, if any, associated with the subject property.

Environmental concerns, which are beyond the scope of a Phase I ESA as defined by ASTM include the following: ACMs, LBP, radon and lead in drinking water. These issues may affect environmental risk at the subject property and may warrant discussion and/or assessment; however, are considered non-scope issues. If specifically requested by A10 Capital, LLC, these non-scope issues are discussed in Section 6.3.

1.4 User Reliance

A10 Capital, LLC (its successors and/or assigns), the “Client,” engaged Partner to perform this assessment in accordance with an agreement governing the nature, scope and purpose of the work as well as other matters critical to the engagement. All reports, both verbal and written, are for the sole use and benefit of A10 Capital, LLC (its successors and/or assigns). Either verbally or in writing, third parties may come into possession of this report or all or part of the information generated as a result of this work. In the absence of a written agreement with Partner granting such rights, no third parties shall have rights of recourse or recovery whatsoever

under any course of action against Partner, its officers, employees, vendors, successors or assigns. Any such unauthorized user shall be responsible to protect, indemnify and hold Partner, A10 Capital, LLC and their respective officers, employees, vendors, successors and assigns harmless from any and all claims, damages, losses, liabilities, expenses (including reasonable attorneys' fees) and costs attributable to such Use. Unauthorized use of this report shall constitute acceptance of and commitment to these responsibilities, which shall be irrevocable and shall apply regardless of the cause of action or legal theory pled or asserted. Additional legal penalties may apply.

1.5 Limiting Conditions & Data Gaps

The findings and conclusions contain all of the limitations inherent in these methodologies that are referred to in ASTM E1527-05.

Specific limitations and exceptions to this ESA are more specifically set forth below:

- Interviews with past or current owners, operators and occupants were not reasonably-ascertainable and thus constitute a data gap. Based on information obtained from other historical sources (as discussed in Section 3.0), this data gap is not expected to alter the findings of this assessment.
- Partner requested information relative to deed restrictions and environmental liens, a title search, and completion of a pre-survey questionnaire from A10 Capital, LLC. This information was not provided at the time of the assessment.
- Partner was not able to document the historical use of the subject property prior to 1938, since city directories were not available prior to 1938, aerial photographs prior to 1943 were not reasonably-ascertainable from local agencies and other historical sources such as Sanborn fire insurance maps or topographic maps did not provide coverage of the subject property. This data failure is not considered critical and does not change the conclusions of this report, as the 1943 aerial photograph revealed the subject property to be farmland.
- Partner was unable to determine the property use at 5-year intervals, which constitutes a data gap. Information concerning historical use of the subject property was unavailable from 1938 to 2013 in 5-year intervals. Except for property tax files and recorded land title records, which were not considered to be sufficiently useful, Partner reviewed all standard historical sources and conducted appropriate interviews.

Due to time constraints associated with this report, A10 Capital, LLC has requested the report despite the above-listed limitations.

2.0 SITE DESCRIPTION

2.1 Site Location and Legal Description

The subject property is located on the south side of Lower Roswell Road. Please refer to the table below for further description of the subject property:

Address:	2060 Lower Roswell Road, Marietta, Cobb County, Georgia
Alternate Address	2058 Lower Roswell Road
Assessor's Parcel Number (APN):	16124400330
Nature of Use:	Commercial
Number of Buildings:	One
Number of Floors:	One
Type of Construction:	Slab-on-grade
Building Square Footage (SF):	47,687 SF
Land Acreage (Ac):	4.805 Ac
Date of Construction:	1973
Current Tenants:	TLC Cleaners, Art & Food, Three Colors Asian Kitchen, Marietta and Vineyard Church

In addition to the current structure, the subject property is also improved with asphalt-paved parking areas and associated landscaping.

A legal description was not available on the Cobb County Assessor website; however, the available information indicated that ownership is currently vested in IPTV B C14 LLC.

Please refer to Figure 1: Site Location Map, Figure 2: Topographic Map, Figure 3: Site Plan and Appendix A: Site Photographs for the location and site characteristics of the subject property.

2.2 Current Property Use

The subject property is currently occupied by TLC Cleaners, Art & Food, Three Colors Asian Kitchen, Marietta and Vineyard Church for commercial use. On-site operations consist of dry cleaning, food preparation and religious services. It should be noted that four tenant spaces are vacant. On-site dry cleaning operations are further discussed in Sections 4.1 and 4.2.

The subject property is designated as zoned Commercial (LC) by the Cobb County and is considered a legal use in its current configuration.

The subject property was identified as a Historic Dry Cleaners, Dry Cleaners and GA Non-HSI site in the regulatory database report of Section 4.2.

2.3 Current Use of Adjoining Properties

During the vicinity reconnaissance, Partner observed the following land use on properties in the immediate vicinity of the subject property:

Immediately surrounding properties

North:	Massey Automotive (2050 Lower Roswell Road), Bruester's Ice Cream and Myschka's Salon (2044 Lower Roswell Road), East Marietta Branch Library (2051 Lower Roswell Road), Sewell Park (2085 Lower Roswell Road)
South:	Various Residences.
East:	Zaxby's (2080 Lower Roswell Road).
West:	Undeveloped land, Arnold's Automotive (64 Shawnee Trail).

The adjacent property to the northwest was identified as a Historical Auto Station site in the regulatory database report of Section 4.2.

2.4 Physical Setting Sources

2.4.1 Topography

The United States Geological Survey (USGS), *Sandy Springs, Georgia* Quadrangle 7.5-minute series topographic map (1997) was reviewed for this ESA. According to the contour lines on the topographic map, the subject property is located at approximately 1,020 feet above mean sea level (MSL). The contour lines in the area of the subject property indicate the area is sloping gently toward the southeast. The subject property is depicted as undeveloped.

Please refer to Figure 2: Topographic Map.

2.4.2 Hydrology

According to topographic map interpretation, the direction of groundwater in the vicinity of the subject property is inferred to flow to the southeast. The nearest surface water in the vicinity of the subject property is an unnamed creek located approximately 1,500 feet southeast of the subject property. No settling ponds, lagoons, surface impoundments, wetlands or natural catch basins were observed at the subject property during this assessment.

According to available information, a public water system operated by the Cobb County-Marietta Water Authority (CMWA) serves the subject property vicinity. According to a representative of the CMWA, shallow groundwater directly beneath the subject property is not utilized for domestic purposes. The sources of public water for the CMWA service area are surface water from Lake Allatoona.

Information specific to the subject property regarding the depth to groundwater and direction of groundwater flow was not available for the subject area. However, according to information

obtained from the topographic map, depth to the high water table is anticipated at greater than 20 feet below ground surface (bgs).

2.4.3 Geology/Soils

The subject property is located within the Piedmont geologic region is composed of igneous and metamorphic rocks resulting from ancient (300 to 600 million year old) sediments that were subjected to high temperatures and pressures and re-exposed about 250 to 300 million years ago. Rocks typical of the region include schist, amphibolite, gneiss, migmatite, and granite. This region is more hilly than mountainous and is marked by lower elevations than the Blue Ridge Mountains.

Based on information obtained from the United States Department of Agriculture (USDA) - Natural Resources Conservation Service (NRCS) Web Soil Survey on-line database, the subject property is dominantly mapped as Appling sandy loam. The Appling series consists of very deep, well drained, moderately permeable soils on ridges and side slopes of the Piedmont uplands. They are deep to saprolite and very deep to bedrock. They formed in residuum weathered from felsic igneous and metamorphic rocks of the Piedmont uplands. Slopes range from 0 to 25 percent.

2.4.4 Flood Zone Information

Partner performed a review of the Flood Insurance Rate Map (FIRM), published by the Federal Emergency Management Agency (FEMA). According to Community Panel Number 13067C0128H, dated November 2, 2012, the subject property appears to be located in Zone X, an area located outside of the 100-year and 500-year flood plains.

The adjacent properties appear to be in agricultural production to the north on the south side of Lower Roswell Road followed by undeveloped wooded land on the north side of Lower Roswell Road; residences to the south; undeveloped wooded land and agricultural land to the east; and undeveloped wooded land and agricultural land to the west.

Date: 1972 **Scale:** 1"=500'

The subject property appears to be partially undeveloped wooded land (southern portion) and partially in agricultural production (northern portion).

The adjacent properties appear to be in agricultural production to the north followed by undeveloped wooded land; residences to the south; undeveloped wooded land and agricultural land to the east; and a street followed by undeveloped wooded land and grassy land to the west.

Date: 1988 **Scale:** 1"=500'

The subject property appears to be partially developed with the current improvements.

The adjacent properties appear to be in undeveloped outparcels the north on the south side of Lower Roswell Road followed by undeveloped land and commercial-type structures on the north side of Lower Roswell Road; residences to the south; undeveloped land to the east; and a street followed by undeveloped wooded land and a commercial-type structure to the west.

Date: 1993 **Scale:** 1"=500'

The subject property appears to be partially developed with the current improvements.

The adjacent properties appear to be in undeveloped outparcels the north on the south side of Lower Roswell Road followed by undeveloped land and commercial-type structures on the north side of Lower Roswell Road; residences to the south; undeveloped land to the east; and a street followed by undeveloped wooded land and a commercial-type structure to the west.

Date: 2005 **Scale:** 1"=500'

The subject property appears to be partially developed with the current improvements.

The adjacent properties appear to be in commercially-developed outparcels the north on the south side of Lower Roswell Road followed by undeveloped land and commercial-type structures on the north side of Lower Roswell Road; residences to the south; developed with a commercial-type structure to the east; and a street followed by undeveloped wooded land and a commercial-type structure to the west.

Date: 2006 **Scale:** 1"=500'

The subject property appears to be partially developed with the current improvements.

The adjacent properties appear to be in commercially-developed outparcels the north on the south side of Lower Roswell Road followed by undeveloped land and commercial-type structures on the north side of Lower Roswell Road; residences to the south; developed with a commercial-type structure to the east; and a street followed by undeveloped wooded land and a commercial-type structure to the west.

Date: 2007

Scale: 1"=500'

The subject property appears to be partially developed with the current improvements.

The adjacent properties appear to be in commercially-developed outparcels the north on the south side of Lower Roswell Road followed by undeveloped land and commercial-type structures on the north side of Lower Roswell Road; residences to the south; developed with a commercial-type structure to the east; and a street followed by undeveloped wooded land and a commercial-type structure to the west.

Date: 2009

Scale: 1"=500'

The subject property appears to be partially developed with the current improvements.

The adjacent properties appear to be in commercially-developed outparcels the north on the south side of Lower Roswell Road followed by undeveloped land and commercial-type structures on the north side of Lower Roswell Road; residences to the south; developed with a commercial-type structure to the east; and a street followed by undeveloped wooded land and a commercial-type structure to the west.

Date: 2010

Scale: 1"=500'

The subject property appears to be partially developed with the current improvements.

The adjacent properties appear to be in commercially-developed outparcels the north on the south side of Lower Roswell Road followed by undeveloped land and commercial-type structures on the north side of Lower Roswell Road; residences to the south; developed with a commercial-type structure to the east; and a street followed by undeveloped wooded land and a commercial-type structure to the west.

Copies of select aerial photographs are included in Appendix B of this report.

3.2 Sanborn Fire Insurance Maps

Sanborn Fire Insurance (Sanborn) Maps were originally created in the late-1800s and early-1900s for assessing fire insurance liability in urbanized areas of the United States. These maps include detailed town and building information. Partner reviewed Sanborn Maps obtained from EDR's collection on June 5, 2013. Sanborn Map coverage was not available for the subject property.

3.3 City Directories

City directories have been produced for most urban and some rural areas since the late-1800s. The directories are generally not comprehensive and may contain gaps in time periods. Partner reviewed historical city directories obtained from the Cobb County Library on June 12, 2013 for past names and businesses that were listed for the subject property and adjacent properties. The findings are presented in the following table:

City Directory Search for 2060 Lower Roswell Road (Subject Property)

Year(s)	Occupant Listed
1938/39, 1941, 1947, 1954, 1958, 1963, 1968, and 1972	The address of the subject property was not identified in the research sources.
1977	Winn Dixie grocery store
1987	Winn Dixie grocery store and Revco Drugs
2011/12	Art & Food, All Star Pizza, Marietta Vineyard Church, Options Salon, Three Colors Asian Kitchen and TLC Cleaners.

According to the city directory review, the subject property has been occupied by various commercial tenants, one of which is a dry cleaners. Further information on the dry cleaners is presented in Sections 4.1 and 4.2.

City Directory Search for Adjacent Properties

Year(s)	Occupant Listed
1938/39, 1941, 1947, 1954, 1958, 1963 and 1968	The addresses of the adjacent properties were not identified in the research sources.
1972	The addresses of the adjacent properties were not identified in the research sources with the exception of the adjacent north County Public Library at 2051 Lower Roswell Road
1977	The addresses of the adjacent properties were not identified in the research sources.
1987	The addresses of the adjacent properties were identified to be occupied by First Atlanta Bank (2040 Lower Roswell Road) and County Public Library (2051 Lower Roswell Road).
2011/12	The addresses of the adjacent properties were identified to be occupied by Southeast Mortgage (2040 Lower Roswell Road), Bruester's Ice Cream and Subway (2044 Lower Roswell Road), Massey Automotive (2050 Lower Roswell Road) and County Public Library (2051 Lower Roswell Road).

Based on the city directory review, the surrounding sites have been occupied by mixed commercial and retail operations including automotive repair since circa 1977.

3.4 Historical Topographic Maps

Historical topographic maps were not available at the time of the assessment and as such, the historical use of the subject property was researched through other standard historical sources (discussed above).

4.0 REGULATORY RECORDS REVIEW

4.1 Regulatory Agencies

Partner Engineering and Science, Inc. (Partner) contacted local agencies, such as environmental health departments, fire departments and building departments in order to determine any current and/or historic hazardous materials usage, storage and/or releases of hazardous substances on the subject property. Additionally, Partner researched information on the presence of activity and use limitations (AULs) at these agencies. As defined by ASTM E1527-05, AULs are the legal or physical restrictions or limitations on the use of, or access to, a site or facility: 1) to reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil or groundwater on the subject property; or 2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions, which may include institutional and/or engineering controls (IC/ECs), are intended to prevent adverse impacts to individuals or populations that may be exposed to hazardous substances and petroleum products in the soil or groundwater on the subject property.

4.1.1 State Department

Partner requested records from the Georgia Environmental Protection Division (GEPD) on June 12, 2013, 2011 for the subject property. These records may contain evidence indicating current and/or historical hazardous materials usage, storage or releases, as well as the presence of underground storage tanks (USTs).

According to records reviewed, in 1999 the subject property addressed as 2058 Lower Roswell Road, submitted a release notification to the GEPD for this property associated with the on-site drycleaning facility. The release notification reported groundwater contaminated with tetrachloroethene, chloroform and cis-1,2-dichloroethene and soil contaminated with tetrachloroethene, toluene and xylenes below notification concentrations. Tetrachloroethene was detected at a maximum concentration of 64 parts per billion (ppb) in groundwater. Maximum soil concentrations were not reported. The GEPD determined the release to be minor and placed the facility on the Non-Hazardous Site Inventory (HIS) list. Notwithstanding, based on the continued use of this facility as a dry cleaning establishment and previously identified subsurface impact, the dry cleaning operations appear to represent evidence of a recognized environmental condition.

4.1.2 Health Department

Partner requested records from the Cobb County Board of Health (CCBH) on June 12, 2013 for the subject property. These records may contain evidence indicating current and/or historical hazardous materials usage, storage or releases, as well as the presence of USTs.

No records regarding hazardous materials use or the presence of AULs on the subject property were on file with the CCHD.

4.1.3 Fire Department

Partner requested records from the Cobb County Fire Department (CCFD) on June 12, 2013 for the subject property. These records may contain evidence indicating current and/or historical hazardous materials usage, storage or releases, as well as the presence of USTs.

No records regarding hazardous materials use or the presence of AULs on the subject property were on file with the MFD.

4.1.4 Building Department

Partner contacted the Marietta Building Inspections Department (MBID) on June 12, 2013 for information regarding historical tenants and property use of the subject property. The following table contains a listing of permits reviewed:

According to records reviewed, the subject property was developed with the current structure in 1973.

4.1.5 Planning Department

Partner contacted the Marietta Zoning Department (MZD) on June 12, 2013 for information on the subject property in order to identify AULs associated with the subject property.

According to records reviewed, the subject property is zoned for commercial development by the City of Marietta and is considered a legal use in its current configuration.

4.1.6 Oil & Gas Exploration

The State of Georgia does not maintain records of oil and gas exploration. Partner did not identify any oil or gas wells on or adjacent to the subject property during the course of this assessment.

4.2 Mapped Database Records Search

Information from standard federal, state, county, and city environmental record sources was provided by Environmental Data Resources, Inc. (EDR). Data from governmental agency lists are updated and integrated into one database, which is updated as these data are released. The information contained in this report was compiled from publicly available sources and the locations of the sites are plotted utilizing a geographic information system, which geocodes the site addresses. The accuracy of the geocoded locations is approximately +/-300 feet. Please refer to the radius map for a complete listing (Appendix C).

The subject property was identified as a Historic Dry Cleaners, Dry Cleaners and GA Non-HIS site in the regulatory database report.

The adjacent property to the northwest was identified as a Historical Auto Station site in the regulatory database report.

Federal NPL

The National Priorities List (NPL) is the Environmental Protection Agency (EPA) database of uncontrolled or abandoned hazardous waste sites identified for priority remedial actions under the Superfund Program.

No NPL sites are listed for the subject property or were found within 1-mile of the subject property.

Federal CERCLIS List

The Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) list is a compilation of sites that the EPA has investigated or is currently investigating for a release or threatened release of hazardous substances.

No CERCLIS sites are listed for the subject property or were found within ½-mile of the subject property.

Federal CERCLIS-NFRAP Sites List

The CERCLIS No Further Remedial Action Planned (NFRAP) List is a compilation of sites that the EPA has investigated, and has determined that the facility does not pose a threat to human health or the environment, under the CERCLA framework.

No CERCLIS-NFRAP sites are listed for the subject property or were found within ½-mile of the subject property.

Federal RCRA Generator List

The EPA Resource Conservation and Recovery Act (RCRA) Program RCRA program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Generators database is a compilation by the EPA of reporting facilities that generate hazardous waste.

No RCRA Generator facilities are listed for the subject property or were found within ¼-mile of the subject property.

Federal Resource Conservation and Recovery Act (RCRA) TSD Facilities List

The RCRA Treatment, Storage and Disposal (TSD) database is a compilation by the EPA of reporting facilities that treat, store or dispose of hazardous waste.

No RCRA TSD sites are listed for the subject property or were found within ½-mile of the subject property.

Federal RCRA CORRACTS Facilities List

The RCRA CORRACTS database is the EPA's list of TSD facilities subject to corrective action under RCRA.

No RCRA CORRACTS facilities are listed for the subject property or were found within 1-mile of the subject property.

Federal Institutional Controls/Engineering Controls (IC/EC)

The Federal IC/EC database is designed to assist the EPA in collecting, tracking, and updating information, as well as reporting on the major activities and accomplishments of the various Brownfield grant programs. The IC/EC sites are superfund sites that have either engineering or an institutional control in place. The data includes the control and the media contaminated.

No Federal IC/EC sites are listed for the subject property or were found within ¼-mile of the subject property.

Federal Emergency Notification System (ERNS)

The Emergency Response Notification System (ERNS) is a national database used to collect information or reported release of oil or hazardous substances.

No ERNS sites are listed for or adjacent to the subject property.

State/Tribal Sites (SPL)

The GEPD maintains a State Priority List (SPL) of sites considered to be actually or potentially contaminated and a State CERCLIS-equivalent list (SCL) of sites under investigation that could be actually or potentially contaminated and presenting a possible threat to human health and the environment.

No SPL sites are listed for the subject property or were found within 1-mile of the subject property. The subject property was identified on the Non-HSI database by EDR. Further information is presented in Section 4.1.1.

State Industrial Hazardous Waste (IHW) Sites

The GEPD compiles a list of Industrial Hazardous Waste handlers located within the State of Georgia.

No IHW sites are listed for the subject property or were found within ½-mile of the subject property.

Solid Waste/Landfill Facilities (SWLF)

A database of SWLF is prepared by the GEPD.

No SWLF facilities are listed for the subject property or were found within ½-mile of the subject property.

State Leaking Underground Storage Tank List (LUST)

The GEPD compiles lists of all leaks of hazardous substances from underground storage tanks.

Six LUST sites are listed for the subject property or were found within ½-mile of the subject property. One site is located within 1/8-mile of the subject property as discussed below:

- Universal Convenience Inc. at 2020 Lower Roswell Road is located approximately 652-feet to the northwest (hydrologically up-gradient) of the subject property. This site has three suspected releases (1998, 1998 and 1999). According to the GEPD, a release that is reported as “suspected” is generally a mathematical error and the case is subsequently closed quickly. Each release dated 2001, 2004 and 2009 have been granted NFA status by the GEPD. Based on the regulatory status, the LUST cases at this facility are not expected to represent a significant environmental concern.

The remaining five sites are located more than 1/8-mile of the subject property and/or are situated hydrologically cross- to down-gradient and/or have been granted regulatory closure. Based on the relative distance and/or regulatory status, the LUST incidents at these facilities are not expected to represent a significant environmental concern.

State Underground Storage Tank/Aboveground Storage Tank List (UST/AST)

The GEPD compiles a list of UST and AST locations.

No registered UST/AST facilities are listed for or adjacent to the subject property.

State/Tribal VCP Sites

The GEPD compiles a list of Voluntary Cleanup Program (VCP) sites.

No State/Tribal VCP sites are listed for the subject property or were found within ½-mile of the subject property.

State/Tribal Brownfield Sites

The GEPD has developed an electronic database system with information about sites that are known to be contaminated with hazardous substances as well as information on uncharacterized properties where further studies may reveal problems.

No State/Tribal Brownfield sites are listed for the subject property or were found within ½-mile of the subject property.

US Brownfield Sites

The EPA Brownfield database was reviewed to identify facilities that qualify for federal remediation funding under the Small Business Liability Relief and Brownfield Revitalization Act (the “Brownfield” amendment to CERCLA).

No US Brownfield sites are listed for the subject property or were found within ½-mile search of the subject property.

State Spills Sites (SPILLS)

The GEPD maintains reports of sites that have records of spills, leaks, investigations and cleanups.

No SPILLS sites are listed for the subject property or were found within ¼-mile of the subject property.

Tribal Records

The EPA maintains a database of Indian administered lands of the United States that total 640 acres or more.

No Tribal sites are listed for the subject property or were found within 1-mile of the subject property.

MANIFEST Sites

The GEPD maintains a Manifest database which lists and tracks hazardous waste from the generator through transporters to a TSD facility.

No Manifest sites are listed for or adjacent to the subject property.

DRYCLEANERS Sites

The GEPD maintains a list of registered dry cleaning facilities.

No DRYCLEANERS are listed adjacent to the subject property. The subject property is identified as a dry cleaners dating back to 1988. The on-site dry cleaners is further discussed in Section 4.1.1.

EDR US Historical Auto Stations Sites

A listed of historical automotive repair and filling station facilities maintained by EDR. The adjacent property to the northwest, addressed as 2050 Lower Roswell Road, was identified as a Historical Auto Station site for the years 2002 through 2011. No hazardous materials releases were reported for this site. Based on the regulatory status, the site is not considered a significant environmental concern.

5.0 USER PROVIDED INFORMATION AND INTERVIEWS

In order to qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the *Brownfields Amendments*), the *Report User* must provide the following information (if available) to the *environmental professional*. Failure to provide this information could result in a determination that *all appropriate inquiry* is not complete. The *Report User* is asked to provide information or knowledge of the following:

- Environmental cleanup liens that are filed or recorded against the site.
- Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry.
- Specialized knowledge or experience of the person seeking to qualify for the LLPs.
- Relationship of the purchase price to the fair market value of the *property* if it were not contaminated.
- Commonly known or *reasonably-ascertainable* information about the *property*.
- The degree of obviousness of the presence or likely presence of contamination at the *property*, and the ability to detect the contamination by appropriate assessment.
- The reason for preparation of this Phase I ESA.

Fulfillment of these user responsibilities is key to qualification for the identified defenses to CERCLA liability. Partner Engineering and Science, Inc. (Partner) requested the Report User to provide information to satisfy Report User Responsibilities as identified in Section 6 of the ASTM guidance.

Pursuant to ASTM E 1527-05, Partner requested the following site information from the A10 Capital, LLC (its successors and/or assigns), Report User.

Item	Provided By User	Not Provided By User	Discussed Below	Does Not Apply
Environmental Pre-Survey Questionnaire		X		
Title Records		X		
Environmental Liens or Activity and Use Limitation		X		
Specialized Knowledge		X		
Valuation Reduction for Environmental Issues		X		
Identification of Key Site Manager	X			
Reason for Performing Phase I ESA	Yes, See Section 1.1			
Prior Environmental Reports			X	

Item	Provided By User	Not Provided By User	Discussed Below	Does Not Apply
Other				X

5.1 Interviews

5.1.1 Interview with Owner

The owner of the subject property was not available to be interviewed at the time of the assessment.

5.1.2 Interview with Report User

Please refer to Section 5.2 below for information requested from the Report User. The information requested was not received prior to the issuance of this report. Because the Report User is a lender, it is understood that the Report User would not have knowledge of the property that would significantly impact our ability to satisfy the objectives of this assessment. The lack of this information is not considered to represent a significant data gap.

5.1.3 Interview with Key Site Manager

Mr. Jeff Boles, key site manager, indicated that he had no information pertaining to any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the subject property; any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the subject property; or any notices from a governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

According to Mr. Boles, he has been associated with the subject property for approximately 1 year. He was not aware of the significant history of the property.

5.1.4 Interviews with Past Owners, Operators and Occupants

Interviews with past owners, operators and occupants were not reasonably-ascertainable and thus constitute a data gap.

5.1.5 Interview with Others

As the subject property is not an abandoned property as defined in ASTM 1527-05, interview with others were not performed.

5.2 User Provided Information

5.2.1 Title Records

Partner was not provided with title records for review as part of this assessment.

5.2.2 Environmental Liens or Activity and Use Limitation

Partner requested information from the Report User regarding knowledge of environmental liens and activity and use limitations (AULs) for the subject property.

No environmental lien or activity and use limitation information was provided by the Report User at the time of the assessment.

5.2.3 Specialized Knowledge

Partner inquired with the Report User regarding any specialized knowledge of environmental conditions associated with the subject property.

No specialized knowledge was provided by the Report User at the time of the assessment.

5.2.4 Commonly-Known or Reasonably-Ascertainable Information

Partner inquired with the Report User regarding any *commonly-known* or *reasonably-ascertainable* information within the local community about the subject property that is material to *recognized environmental conditions* in connection with the subject property.

Commonly-known or *reasonably-ascertainable* information associated with the subject property was not provided by the Report User at the time of the assessment.

5.2.5 Valuation Reduction for Environmental Issues

Partner inquired with the Report User regarding any knowledge of reductions in property value due to environmental issues.

Knowledge of valuation reductions associated with the subject property was not provided by the Report User at the time of the assessment.

5.2.6 Previous Reports and Other Provided Documentation

The following previous environmental documentation was provided to Partner for review during the course of this assessment.

Phase I Environmental Site Assessment Report, National Assessment Corporation, July 12, 2002

National Assessment Corporation (NAC) prepared the report on behalf of Column Financial Inc. The discussed the subject property as developed with the existing building. On-site tenants were reported similar to current, including the existing drycleaning facility. NEC reported the following recognized environmental conditions:

- A drycleaning facility had operated on-site since circa 1989. Previous subsurface investigation results conducted in 1999 detected related contaminants concentrations in soil and groundwater, which were relayed to the GEPD. The GEPD determined the release was minor, and was not listed on the States HWI.

- A limited asbestos survey was reportedly conducted as part of a prior Phase I for the subject property. The survey identified asbestos in floor tile and mastic from the rear storage area from the subject building. Roofing materials were also suspected to contain asbestos. However, other than the roofing materials, NAC determined the presence of asbestos unlikely due to the recent renovations.
- NAC conducted a limited lead in drinking water survey. No lead concentrations above the USEPA action level were detected in on-site drinking water.

NAC recommended an operations and maintenance (O&M) plan to manage the suspect asbestos, and, that prior to remodeling, an ACM survey should be conducted. No other recommendations were reported.

6.0 SITE RECONNAISSANCE

The subject property was inspected by Ellen Condich of Partner Engineering and Science, Inc. (Partner) on June 12, 2013. The weather at the time of the site visit was overcast, with a temperature of approximately 80 degrees Fahrenheit. The Property Manager was identified as Mr. Jeff Boles. Mr. Boles accompanied Partner during field reconnaissance activities and provided information pertaining to the current operations and maintenance of the subject property.

All areas of the subject property were accessible at the time of the site inspection. There were no physical or visual obstructions of the subject property.

The subject property is currently occupied by TLC Cleaners, Art & Food, Three Colors Asian Kitchen, Marietta and Vineyard Church for commercial use. On-site operations consist of dry cleaning, food preparation and religious services. It should be noted that four tenant spaces are vacant. Dry cleaning operations are further discussed in Section 4.1 and 4.2.

6.1 General Site Characteristics

6.1.1 Solid Waste Disposal

Solid waste generated at the subject property is disposed of in commercial dumpsters located behind the building on the subject property. An independent solid waste disposal contractor removes solid waste from the subject property. According to property personnel, only office trash is collected in the on-site solid waste dumpsters. Waste grease from the on-site restaurants are collected in grease bins located at the rear of the subject property.

6.1.2 Sewage Discharge and Disposal

Sanitary discharges on the subject property are directed into the municipal sanitary sewer system. The CMWA services the subject property vicinity. No wastewater treatment facilities or septic systems are located on the subject property.

6.1.3 Surface Water Drainage

Storm water is removed from the subject property primarily by sheet flow action across the paved surfaces towards storm water drains located throughout the subject property and in the public right-of-way. Site storm water from roofs, landscaped areas, and paved areas is directed to on-site concrete swales, which drain to the public right-of-way, and to on-site storm water drains. The subject property is connected to a municipal-owned and -maintained sewer system.

The subject property does not appear to be a designated wetland area, based on information obtained from the United States Department of Agriculture (USDA); however, a comprehensive wetlands survey would be required in order to formally determine actual wetlands on the subject property. No surface impoundments, wetlands, natural catch basins, settling ponds or lagoons are located on the subject property. No drywells were identified on the subject property.

6.1.4 Source of Heating and Cooling

Heating and cooling systems, as well as domestic hot water equipment, are fueled by electricity and natural gas provided by Marietta Power, Georgia Power and Atlanta Gas Light, respectively. The mechanical system is comprised of a split system, with a central unit and interior air-handler and an exterior condenser. Hot water is provided by individual water heater units.

6.1.5 Wells and Cisterns

No aboveground evidence of wells or cisterns was observed during the site reconnaissance.

6.1.6 Wastewater

Domestic wastewater generated at the subject property is disposed by means of the sanitary sewer system. No industrial process is currently performed at the subject property.

6.1.7 Septic Systems

No septic systems were observed or reported on the subject property.

6.1.8 Additional Site Observations

No additional, general site characteristics were observed.

6.2 Potential Environmental Hazards

6.2.1 Hazardous Materials and Petroleum Products Used or Stored at the Site

Partner identified hazardous materials and/or hazardous wastes to be used, stored or generated on the subject property as noted in the following table:

Hazardous Substances/Wastes Noted On-site

Substance	Container Size	Location	Nature of Use	Disposal Method
Various janitorial	Various retail sizes	Each tenant space	Routine maintenance	None
New dry cleaning solvent	30-gallon drums	TLC Cleaners	Dry cleaning operations	Contractor
Spent dry cleaning solvent	30- and 55-gallon drums	TLC Cleaners	Dry cleaning operations	Contractor

The new and spent dry cleaning solvent were unmarked and not in secondary containment. Furthermore, water from a leaking pipe above the dry cleaning machinery and chemical storage area was observed on the floor beneath the drums, which could compromise the integrity of the drums over time. It should be noted that the manager of the dry cleaning establishment did not have copies of manifests on site and was going to request the information from the owner, his uncle. To date, Partner has not received this information. Please see Section 4.1.1 for further information regarding dry cleaning.

The janitorial chemicals were found to be properly labeled and stored at the time of the assessment, with no signs of leaks, stains or spills. Secondary containment is provided and appears to be in accordance with acceptable containment methods.

6.2.2 Aboveground & Underground Hazardous Substance or Petroleum Product Storage Tanks (ASTs/USTs)

No evidence of current or former ASTs or USTs was observed during the site reconnaissance, reported during interviews or identified by Partner during review of the regulatory database.

6.2.3 Evidence of Releases

Other than previously discussed above, no spills, stains or other indications that a surficial release has occurred at the subject property were observed.

6.2.4 Polychlorinated Biphenyls (PCBs)

Older transformers and other electrical equipment could contain polychlorinated biphenyls (PCBs) at a level that subjects them to regulation by the U.S. EPA. PCBs in electrical equipment are controlled by United States Environmental Protection Agency regulations 40 CFR, Part 761. Under the regulations, there are three categories into which electrical equipment can be classified: 1) Less than 50 parts per million (ppm) of PCBs – “Non-PCB;” 2) 50 ppm-500 ppm – “PCB-Contaminated;” and 3) Greater than 500 ppm – “PCB-Containing.” The manufacture, process, or distribution in commerce or use of any PCB in any manner other than in a totally enclosed manner was prohibited after January 1, 1977.

The on-site reconnaissance addressed indoor and outdoor transformers that may contain PCBs. Several pole-mounted were observed on the subject property. The transformers are not labeled indicating PCB content. No staining or leakage was observed in the vicinity of the transformers. Partner contacted a customer service representative of Marietta Power and Georgia Power, who confirmed that each utility owns some of the electrical equipment on the property and maintains operational responsibility for the transformers and that the units do not contain PCBs. Based on the good condition of the equipment, the transformers are not expected to represent a significant environmental concern.

No other potential PCB-containing equipment (interior transformers, oil-filled switches, hoists, lifts, dock levelers, hydraulic elevators, balers, etc.) was observed on the subject property during Partner’s reconnaissance.

6.2.5 Strong, Pungent or Noxious Odors

No strong, pungent or noxious odors were evident during the site reconnaissance.

6.2.6 Pools of Liquid

No pools of liquid were observed on the subject property.

6.2.7 Drains, Sumps and Clarifiers

No drains, sumps or clarifiers, other than those associated with storm water removal, were observed on the subject property.

6.2.8 Pits, Ponds and Lagoons

No pits, ponds or lagoons were observed on the subject property.

6.2.9 Stressed Vegetation

No stressed vegetation was observed on the subject property.

6.2.10 Additional Potential Environmental Hazards

No additional environmental hazards, including landfill activities or radiological hazards, were observed.

6.3 Non-ASTM Services

6.3.1 Asbestos-Containing Materials (ACMs)

Asbestos is the name given to a number of naturally occurring, fibrous silicate minerals mined for their useful properties such as thermal insulation, chemical and thermal stability, and high tensile strength. Asbestos is commonly used as an acoustic insulator, thermal insulation, fire proofing and in other building materials. Exposure to airborne friable asbestos may result in a potential health risk because persons breathing the air may breathe in asbestos fibers. Continued exposure can increase the amount of fibers that remain in the lung. Fibers embedded in lung tissue over time may cause serious lung diseases including: asbestosis, lung cancer or mesothelioma.

The Occupational Safety and Health Administration (OSHA) regulation 29 CFR 1926.1101 requires certain construction materials to be *presumed* to contain asbestos, for purposes of this regulation. All thermal system insulation (TSI), surfacing material, and asphalt/vinyl flooring that are present in a building constructed prior to 1980 and have not been appropriately tested are “presumed asbestos-containing material” (PACM).

The subject property building was constructed in 1973. Partner has conducted a limited, visual evaluation of accessible areas for the presence of suspect asbestos containing materials (ACMs) at the subject property. The objective of this visual survey was to note the presence and condition of suspect ACM observed. Please refer to the table below for identified suspect ACMs:

Suspect ACMs

Suspect ACM	Location	Friable Yes/No	Physical Condition
Drywall Systems	Throughout Building Interior	No	Good

Suspect ACM	Location	Friable Yes/No	Physical Condition
Floor Tiles	Throughout Building Interior	No	Good
Ceiling Tiles	Throughout Building Interior	Yes	Good

The limited visual survey consisted of noting observable materials (materials which were readily accessible and visible during the course of the site reconnaissance) that are commonly known to potentially contain asbestos. This activity was not designed to discover all sources of suspect ACM, PACM, or asbestos at the site; or to comply with any regulations and/or laws relative to planned disturbance of building materials such as renovation or demolition, or any other regulatory purpose. Rather, it is intended to give A10 Capital, LLC an indication if significant (significant due to quantity, accessibility, or condition) potential sources of ACM or PACM are present at the subject property. Additional sampling, inspection, and evaluation will be warranted for any other use.

Partner was not provided building plans or specifications for review, which may have been useful in determining areas likely to have used ACM.

According to the US EPA, ACM and PACM that is intact and in good condition can, in general, be managed safely in-place under an Operations and Maintenance (O&M) Program until removal is dictated by renovation, demolition, or deteriorating material condition. Prior to any disturbance of the construction materials within this facility, a comprehensive ACM survey is recommended.

6.3.2 *Lead-Based Paint (LBP)*

Due to the commercial nature of use of the subject property, LBP was not considered within the scope of this assessment.

6.3.3 *Radon*

Radon is a colorless, odorless, naturally occurring, radioactive, inert and gaseous element formed by radioactive decay of radium (Ra) atoms. The US EPA has prepared a map to assist National, State, and local organizations to target their resources and to implement radon-resistant building codes. The map divides the country into three Radon Zones; Zone 1 being those areas with the average predicted indoor radon concentration in residential dwellings exceeding the US EPA Action Limit of 4.0 picoCuries per Liter (pCi/L). It is important to note that the EPA has found homes with elevated levels of radon in all three zones, and the US EPA recommends site-specific testing in order to determine radon levels at a specific location. However, the map does give a valuable indication of the propensity of radon gas accumulation in structures.

Radon sampling was not conducted as part of this assessment. Review of the US EPA Map of Radon Zones places the subject property in Zone 1, where average predicted radon levels exceed 4.0 pCi/L.

Based upon the commercial nature of the subject property, radon is not considered to be a significant environmental concern.

6.3.4 *Lead in Drinking Water*

According to available information, a public water system operated by the Cobb County-Marietta Water Authority (CMWA) serves the subject property vicinity. According to a representative of the CMWA, shallow groundwater directly beneath the subject property is not utilized for domestic purposes. The sources of public water for the CMWA service area are surface water from Lake Allatoona.

According to the CMWA and the 2012 Annual Water Quality Report, water supplied to the subject property is in compliance with all State and Federal regulations pertaining to drinking water standards, including lead and copper. Water sampling was not conducted to verify water quality.

6.3.5 *Mold*

Molds are microscopic organisms found virtually everywhere, indoors and outdoors. Mold will grow and multiply under the right conditions, needing only sufficient moisture (e.g. in the form of very high humidity, condensation or water from a leaking pipe, etc.) and organic material (e.g., ceiling tile, drywall, paper or natural fiber carpet padding). Mold growths often appear as discoloration, staining, or fuzzy growth on building materials or furnishings and are varied colors of white, gray, brown, black, yellow and green. In large quantities, molds can cause allergic symptoms when inhaled or through the toxins the molds emit.

Partner observed accessible, interior areas for the subject property building for significant evidence of mold growth; however, this ESA should not be used as a mold survey or inspection. Additionally, this inspection was not designed to assess all areas of potential mold growth that may be affected by mold growth on the subject property. Rather, it is intended to give A10 Capital, LLC an indication as to whether or not conspicuous (based on observed areas) mold growth is present at the subject property. This evaluation did not include a review of pipe chases, mechanical systems, or areas behind enclosed walls and ceilings.

The following indications of water damage or mold growth were observed during Partner's visual inspection:

Location of area affected	Condition
Drywall in Suite 400	Suspect mold along the bottom of one wall

The identified water damaged materials or mold growth be remediated as part of routine maintenance.

6.4 Adjacent Property Reconnaissance

The adjacent property reconnaissance consisted of observing the adjacent properties from the subject property premises. No items of environmental concern were identified on the adjacent properties during the site inspection, including hazardous materials, petroleum products, ASTs, USTs, evidence of releases, PCBs, strong or noxious odors, pools of liquids, sumps or clarifiers, pits or lagoons, stressed vegetation or any other potential environmental hazards.

7.0 FINDINGS AND CONCLUSIONS

Findings

A *recognized environmental condition (REC)* refers to the presence or likely presence of any hazardous substance or petroleum product on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term REC includes hazardous substances and petroleum products even under conditions that might be in compliance with laws. The term is not intended to include "de minimis" conditions that do not present a threat to human health and/or the environment and that would not be subject to an enforcement action if brought to the attention of appropriate governmental agencies. The following was identified during the course of this assessment:

- During the on-site reconnaissance, Partner observed the presence of a dry cleaning tenant, identified as TLC Cleaners within Suite 100. According to the interviews and historical documentation, the subject property has been occupied by a dry cleaning business from as early as 1989 to present day. According to the manager, on-site dry cleaning operations use chlorinated solvents, such as perchloroethylene (PCE). These, solvents, even when properly stored and disposed of, can be released from these facilities in small, frequent releases through floor drains, cracked concrete, and sewer systems. Chlorinated solvents are highly mobile chemicals that can easily accumulate in the soil and migrate to the groundwater beneath a facility. During the on-site reconnaissance, Partner observed several 30- and 55-gallon steel drums of new and spent PCE stored without secondary containment, and one closed loop machine within the unit. No floor drains were noted in the general vicinity of the machine or stored chemicals. Additionally, a previous subsurface investigation performed at the subject property in 1999 revealed low concentrations of soil and groundwater contamination associated with the on-site drycleaning facility. The Georgia Environmental Protection Division (GEPD) determined that the release did not exceed a reportable quantity and the site was not placed on the Hazardous Site Inventory (HIS) at that time. Based on the reported presence of subsurface impacts associated with on-site drycleaning operations, and duration of dry cleaning operations onsite (approximately 24 years), in addition to duration since the last subsurface investigation, the presence of the dry cleaning business is considered a recognized environmental condition.

A *historical recognized environmental condition (HREC)* refers to an environmental condition which would have been considered a REC in the past, but which is no longer considered a REC based on subsequent assessment or regulatory closure. The following was identified during the course of this assessment:

- Partner did not identify any HRECs during the course of this assessment.

An *environmental issue* refers to environmental concerns identified by Partner, which do not qualify as RECs; however, require discussion. The following was identified during the course of this assessment:

- Suspect mold was noted along the bottom of one wall within Suite 400.
- Due to the age of the subject property building, there is a potential that asbestos-containing materials (ACMs) are present. Overall, all suspect ACMs were observed in good condition and do not pose a health and safety concern to the occupants of the subject property at this time.

Conclusions, Opinions and Recommendations

Partner has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-05 of 2060 Lower Roswell Road in the City of Marietta, Cobb County, Georgia (the “subject property”). Any exceptions to or deletions from this practice are described in Section 1.5 of this report.

This assessment has revealed evidence of recognized environmental conditions and environmental issues in connection with the subject property. Based on the conclusions of this assessment, Partner recommends the following:

- The presence or absence of contamination associated with the historical use of the subject property can only be determined through subsurface investigation. A limited subsurface investigation should be conducted in order to determine the presence or absence of soil and/or groundwater contamination.
- An Operations and Maintenance (O&M) Program should be implemented in order to safely manage the suspect ACMs located at the subject property.

8.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

Partner Engineering and Science, Inc. (Partner) has performed a Phase I Environmental Site Assessment of the property located at 2060 Lower Roswell Road in the City of Marietta, Cobb County, Georgia (the “subject property”) in general conformance with the scope and limitations of the protocol and the limitations stated earlier in this report. Exceptions to or deletions from this protocol are discussed earlier in this report.

By signing below, Partner declares that, to the best of our professional knowledge and belief, the undersigned meet the definition of an *Environmental Professional* as defined in §312.10 of 40 CFR 312 and have the specific qualifications based on education, training, and experience to assess a *property* of the nature, history, and setting of the subject *property*. Partner has developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Prepared By:



Ellen R. Condich
Environmental Professional

Reviewed By:



Michael J. Dinger
Senior Project Manager

9.0 REFERENCES

Contact List

Georgia Power, Customer Service, (888) 655-5888.

Marietta Fire Department, Fire Marshal's Office, 112 Haynes Street SW, Marietta, Georgia 30060, (770) 794-5450

Marietta Community Development/Planning and Development Department, 205 Lawrence Street, Marietta, Georgia 30060, (770) 794-5440

Marietta Power and Water, 675 North Marietta Parkway, Marietta, Georgia 30060, (770) 794-5100

Cobb County Assessor, 736 Whitlock Avenue, Marietta, Georgia 30064, (770) 528-3100

Cobb County Library, 266 Roswell Street N.E., Marietta, Georgia 30060, (770) 528-2320

Georgia EPD, 4244 International Parkway, Atlanta, Georgia 30354, (404) 462-2671

United States Environmental Protection Agency – Region 4, Atlanta, Georgia

United States Geological Survey, accessed via the Internet, June 2013 of assessment

Reference Documents

American Society for Testing and Materials, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Designation: E 1527-05.

Federal Emergency Management Agency, Federal Insurance Administration, National Flood Insurance Program, Flood Insurance Map, Community Number 13067C0128H, dated November 2, 2012.

Environmental Data Resources, 440 Wheelers Farms Road, Milford, CT 06461, (800) 352-0050, Aerial Photographs dated 1943, 1955, 1960, 1972, 1988, 1993, 2005, 2006, 2007, 2009 and 2010.

United States Department of Agriculture, Natural Resources Conservation Service, Web Soil Survey, accessed via the Internet, June 2013 of assessment

United States Environmental Protection Agency, EPA Map of Radon Zones (Document EPA-402-R-93-071), accessed via the Internet, June 2013 of assessment

United States Geological Survey Topographic Map 1997, 7.5 minute series, Sandy Springs, Cobb County, Georgia, NIMA 6843 II NE-Series V882, scale 1:24,000, U.S. Geological Survey

FIGURES

1- SITE LOCATION MAP

2- TOPOGRAPHIC MAP

3- SITE PLAN

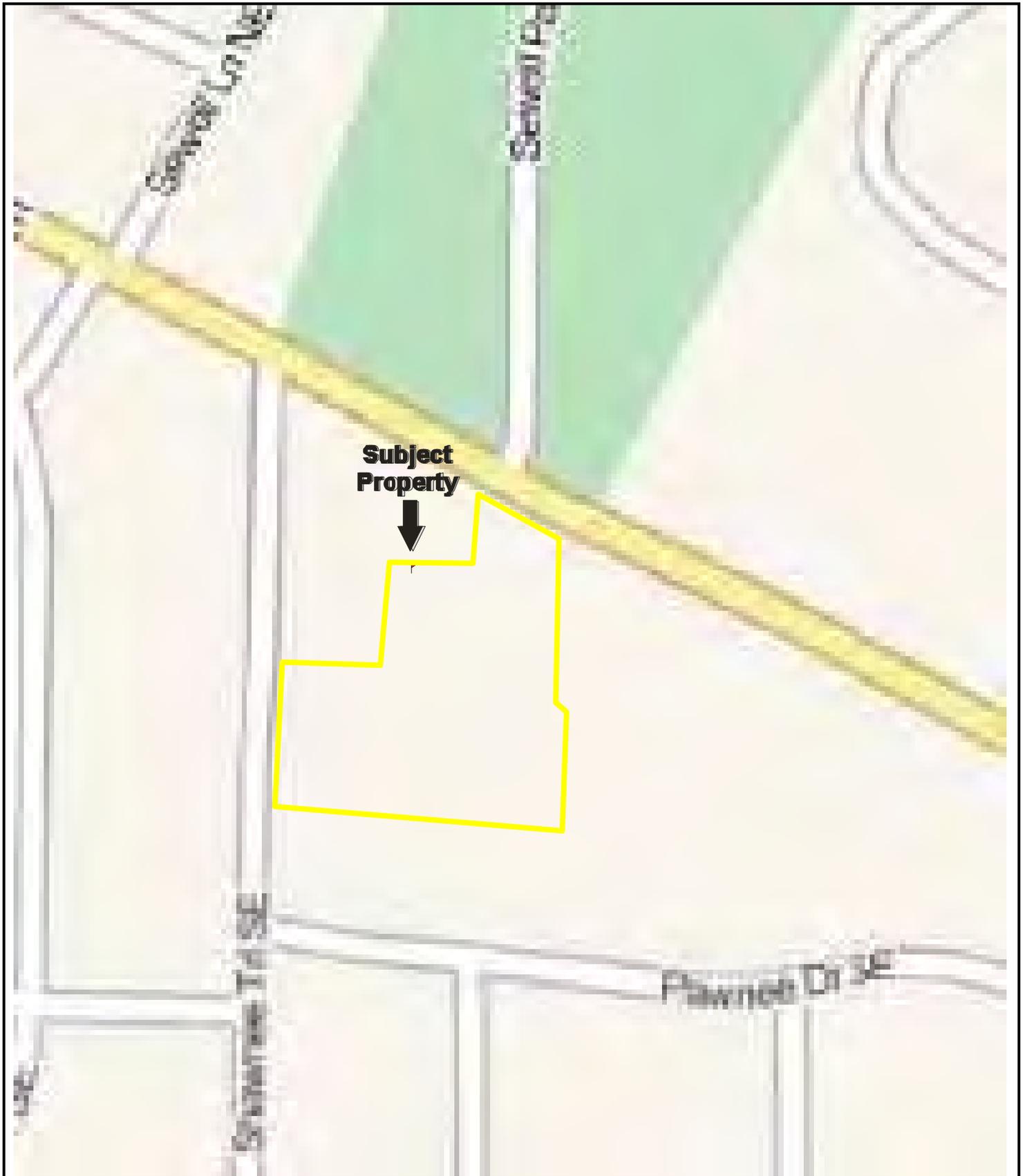
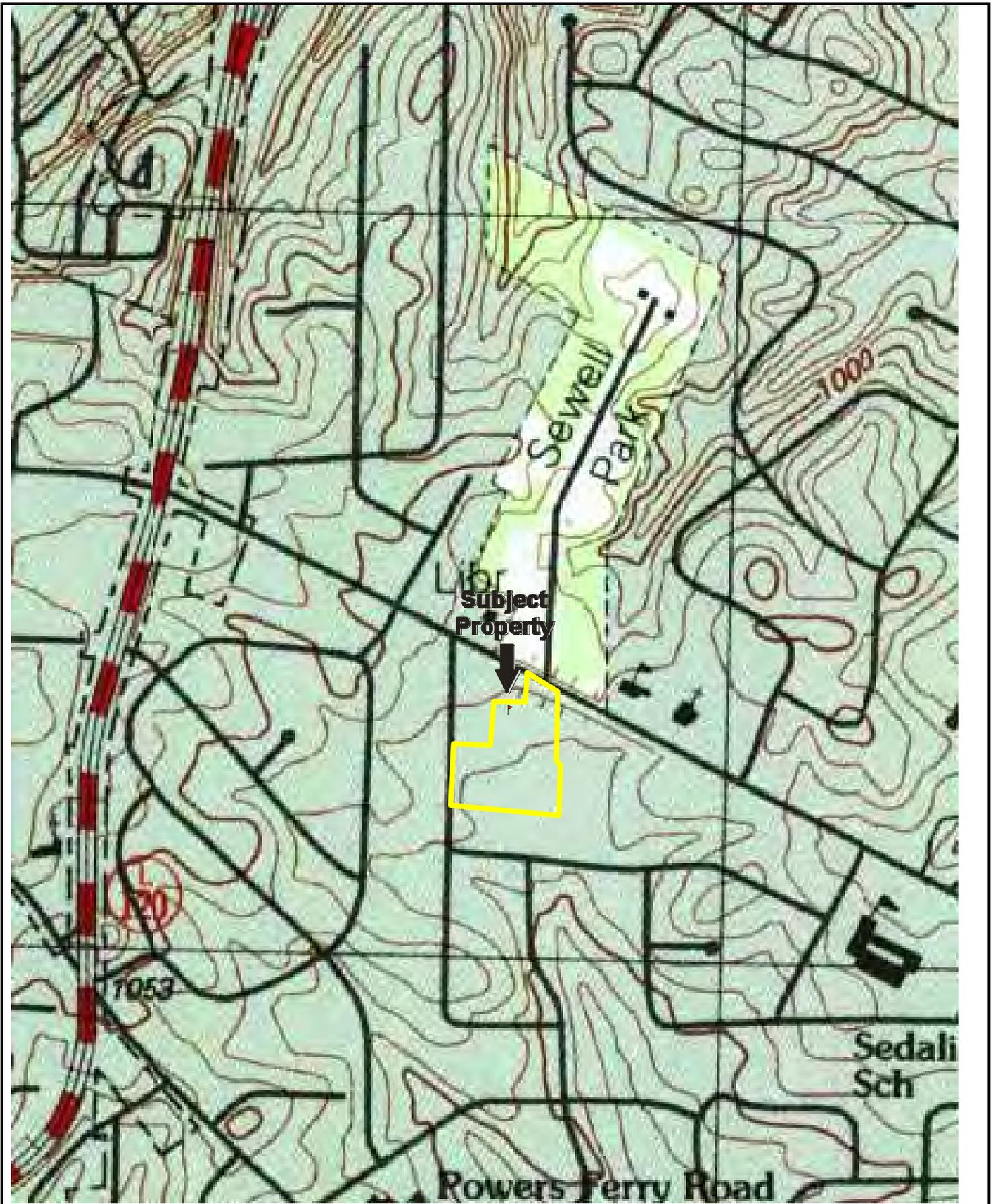


FIGURE 1: SITE LOCATION MAP
Project No. 13-104504.28

Drawing Not To Scale





USGS 7.5 Minute *Sandy Springs, Georgia* Quadrangle

Created: 1997

FIGURE 2: TOPOGRAPHIC MAP
Project No. 13-104504.28

PARTNER



KEY:

Subject Site 

FIGURE 3: SITE PLAN
Project No. 13-104504.28

APPENDIX A: SITE PHOTOGRAPHS



1. View of the signage for the subject property



2. View of the front of the building on the subject property



3. View of the front of the building on the subject property



4. View of the front of the building on the subject property



5. View of the front of the building on the subject property



6. View of the front of the building on the subject property



7. View of the front of the building on the subject property



8. View of the west side of the building on the subject property



9. View of the east side of the building on the subject property



10. View of the rear of the building on the subject property



11. View of the rear of the building on the subject property



12. View of the rear of the building on the subject property



13. View of the rear of the building on the subject property



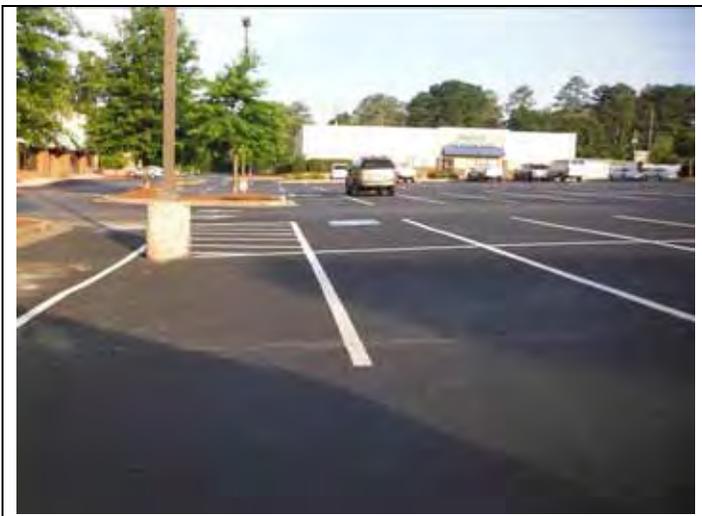
14. View of grease bins in-use on the subject property



15. View of a typical trash dumpster on the subject property



16. View of pole-mounted transformers on the subject property



17. View of typical interior features of a tenant space in the building on the subject property



18. View of typical interior features of a tenant space in the building on the subject property



19. View of typical interior features of a tenant space in the building on the subject property



20. View of typical interior features of a tenant space in the building on the subject property



21. View of typical interior features of a tenant space in the building on the subject property



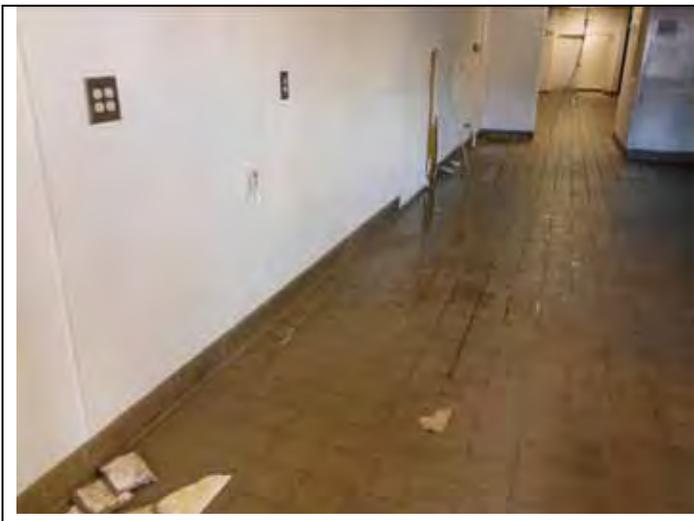
22. View of typical interior features of a tenant space in the building on the subject property



23. View of typical interior features of a tenant space in the building on the subject property



24. View of typical interior features of a tenant space in the building on the subject property



25. View of typical interior features of a tenant space in the building on the subject property



26. View of a janitors mop area in a tenant space in the building on the subject property



27. View of typical interior features of a tenant space in the building on the subject property



28. View of typical interior features of a tenant space in the building on the subject property



29. View of typical interior features of a tenant space in the building on the subject property



30. View of the interior of the dry cleaning tenant space



31. View of the dry cleaning machine



32. View of the floor adjacent to the dry cleaning machine



33. View of equipment at the dry cleaning tenant space



34. View of equipment at the dry cleaning tenant space



35. View of 55-gallon drums of PERC at the dry cleaning tenant space



36. View of adjacent south residences



37. View of adjacent south residences



38. View of the adjacent west undeveloped land



39. View of the adjacent west Arnold Automotive facility



40. View of the nearby west dental office



41. View of the nearby northwest Citgo gasoline station



42. View of the nearby northwest automotive facility



43. View of the adjacent north library branch



44. View of the nearby north vacant bank branch facility



45. View of the adjacent north strip center



46. View of the adjacent north park

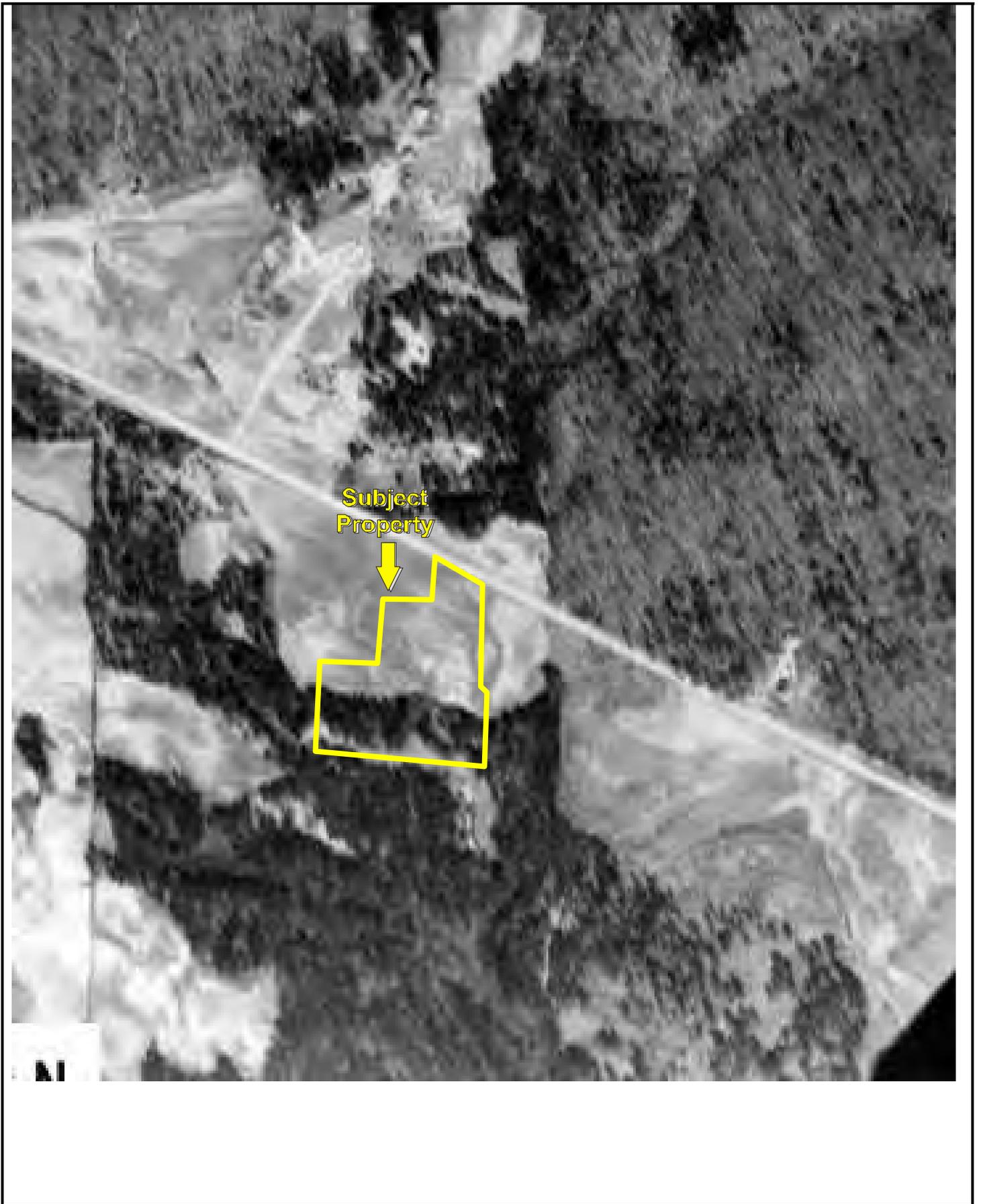


47. View of the adjacent east Zaxby's restaurant

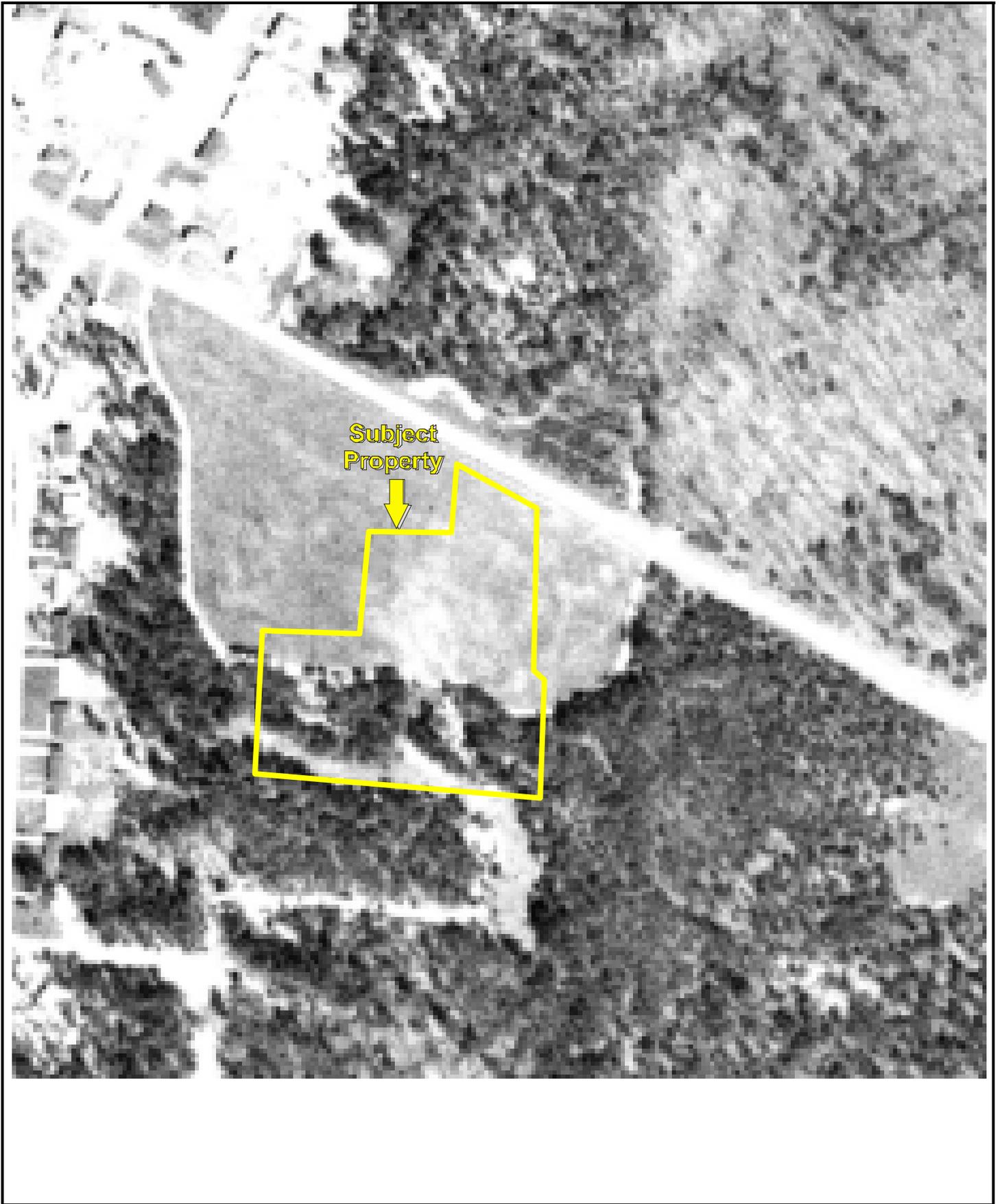


48. View of the adjacent north Massey Automotive facility

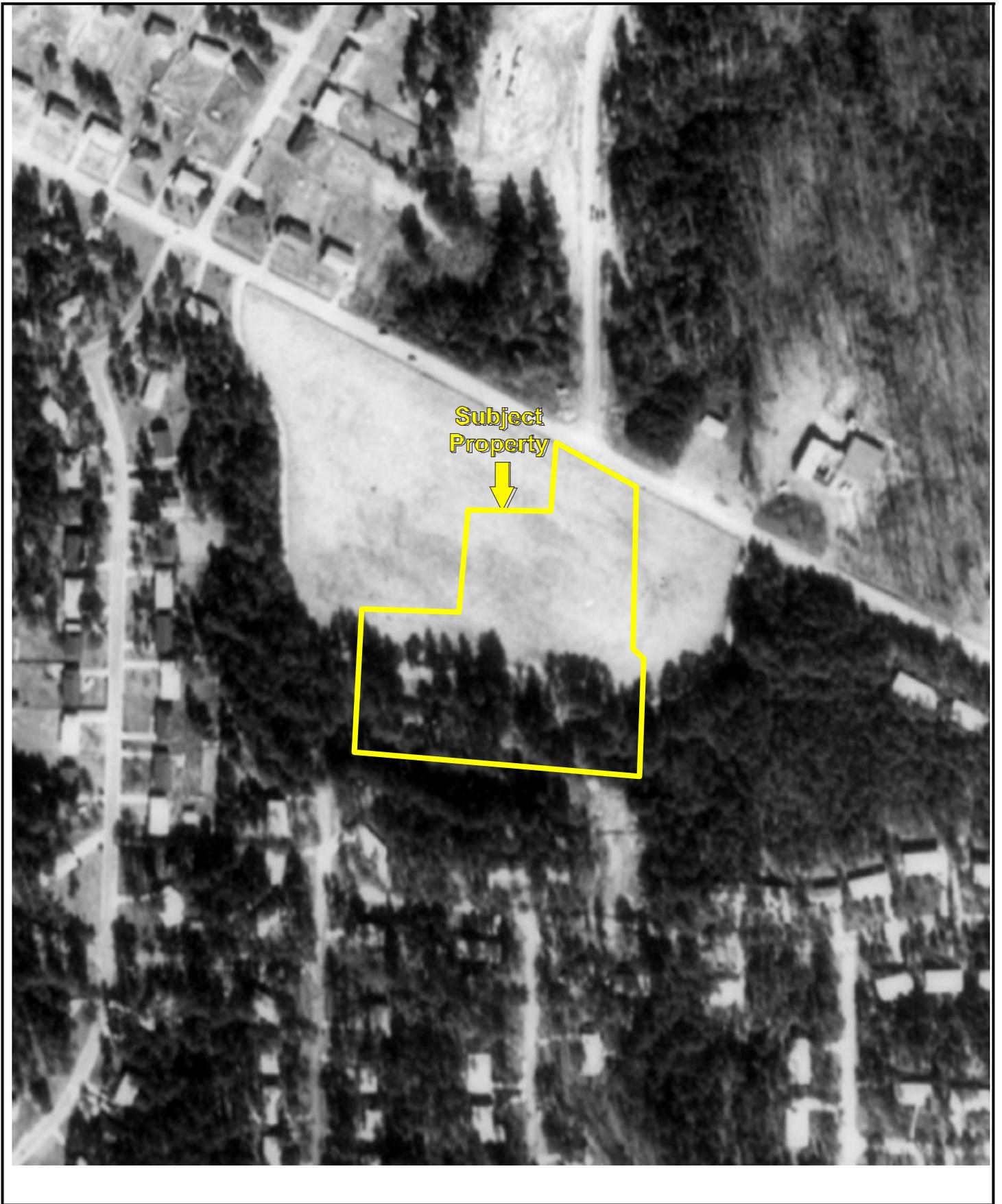
APPENDIX B: HISTORICAL/REGULATORY DOCUMENTATION



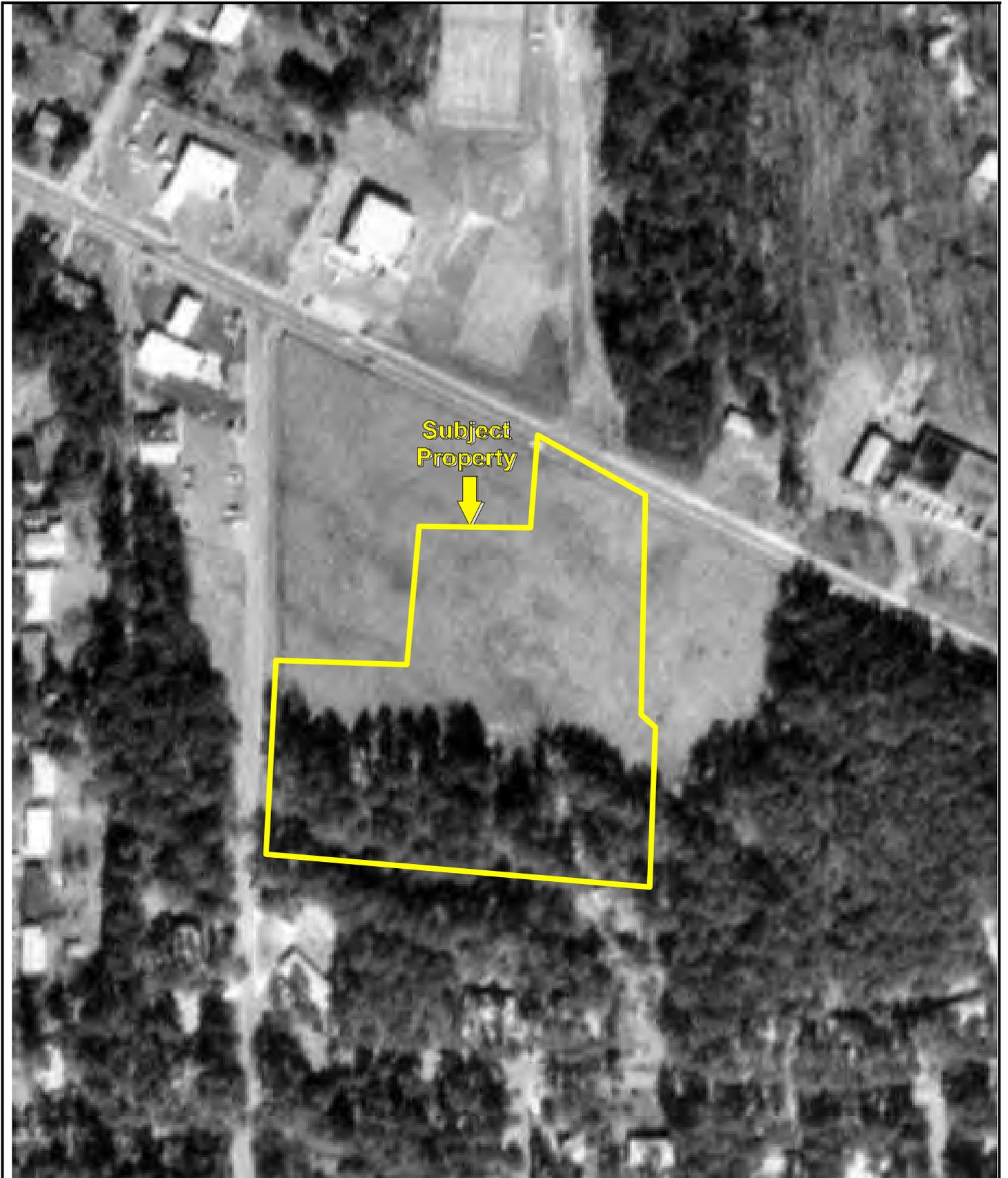
Date of Photograph: 1943



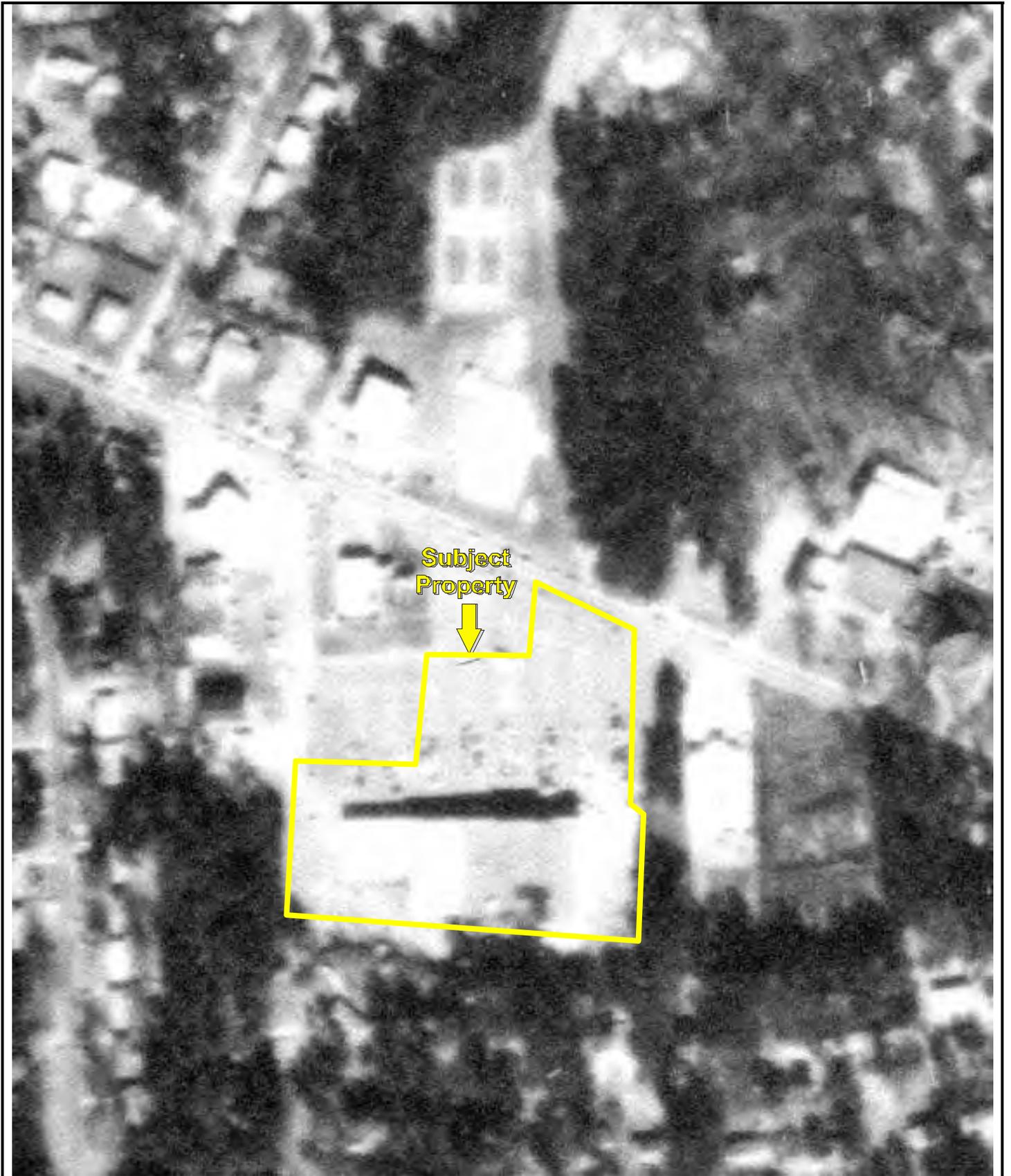
Date of Photograph: 1955



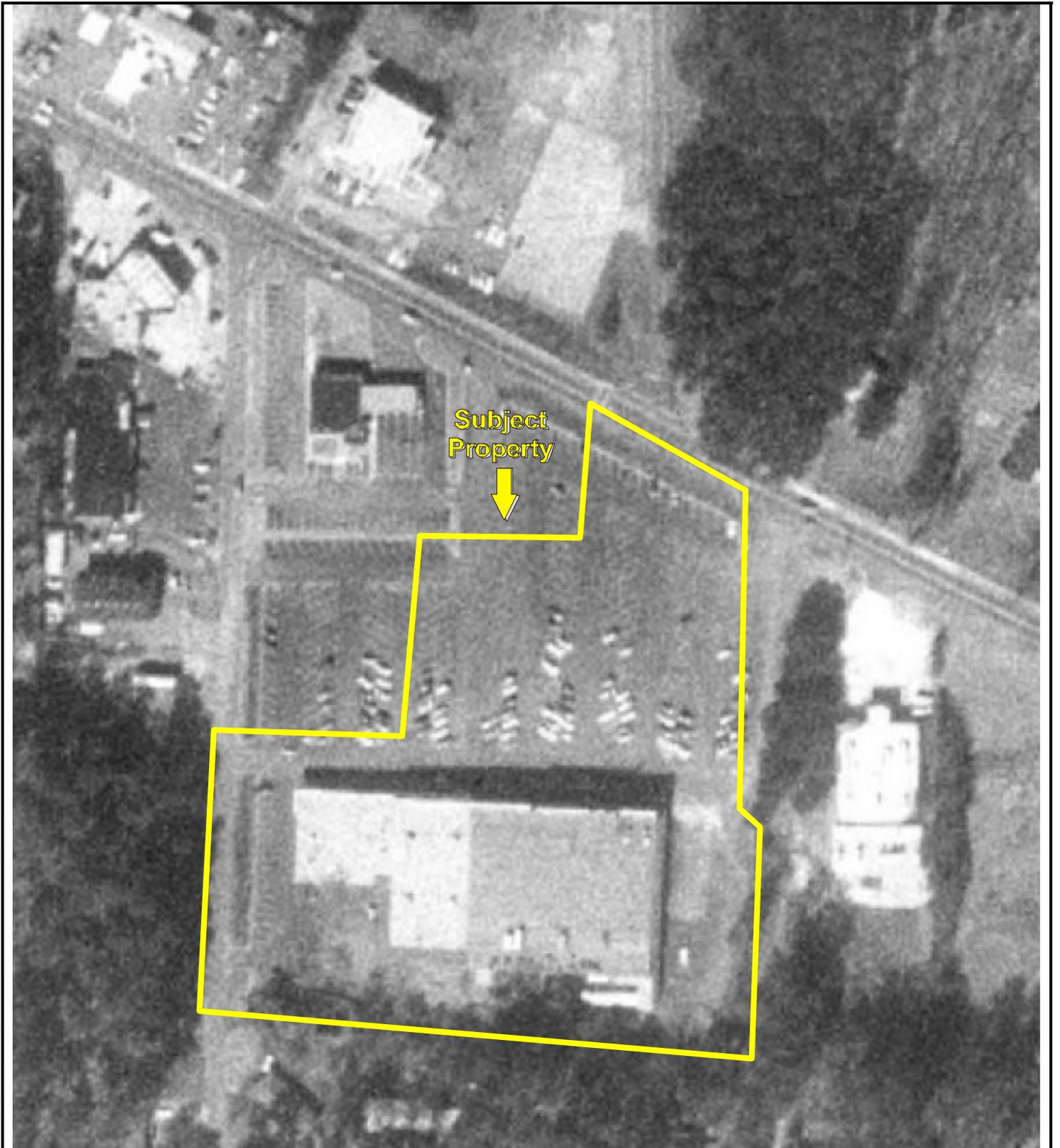
Date of Photograph: 1960



Date of Photograph: 1972



Date of Photograph: 1988



Date of Photograph: 1993



Date of Photograph: 2005



Date of Photograph: 2006



Date of Photograph: 2007



Date of Photograph: 2009



Date of Photograph: 2010



Photo: 1 of 1

Georgia Department of Natural Resources

205 Butler Street SE, Suite 1154 Atlanta, Georgia 30334

Linda C. Barnett, Commissioner
Environmental Protection DivisionHerold F. Ralston, Director
404/855-2833 404/855-7892

June 30, 1999

MEMORANDUM

TO: Jane Hendricks *JH*

FROM: Peter Fleury *PJF*

SUBJECT: Newmarket Mall
Marietta, Georgia
Non-HSI Recommendation

Newmarket Mall, LTD., submitted an Initial Release Notification for the site, dated June 21, 1999. The release notification reported groundwater contaminated with tetrachloroethene, chloroform, and cis-1,2-dichloroethene. Tetrachloroethene, toluene, and xylenes were detected in soils at the site below notification concentrations. Neither the groundwater pathway nor the on-site exposure pathway exceeded the RQSM threshold limit; therefore, it is recommended that the site be not placed on the HSI.

Tetrachloroethene was detected at a maximum concentration of 64 ppb in groundwater at the subject site. The quantity of tetrachloroethene was deemed unknown. A well survey did not identify any wells within a one mile radius of the site. Based on a well distance of greater than one mile, the resulting S_{gw} value for the site is 6.5.

The site was scored for a suspected release of tetrachloroethene to soil. The site has unlimited access and the quantity was deemed unknown. The nearest residence is located within 300 feet of the site. Based on the unlimited access to the site and location of the nearest residence, the score for the on-site pathway, S_a , is 19.75.

Given the available data, the site does not meet the RQSM threshold criteria for listing. I recommend that the site not be placed on the HSI.

R: PETER@NON-HSI@NEWMARKET@MEMO LET

Tenancy Schedule

Property: newmkt As of Date: 03/31/2013 By Property

Property	Unit(s)	Lease	Lease Type	Area	Lease From	Lease To	Term	Tenancy Years	Monthly Rent	Monthly Rent/Area	Annual Rent	Annual Rent/Area	Annual Rec./Area	Annual Misc./Area	Security Deposit	Letter of Credit Amount
New Market Center (newmkt)	100B	Marietta Vineyard Church	Retail NNN	11,239.00	05/01/2007	04/30/2017	120	5.91	3,821.26	0.34	45,855.12	4.08	2.28	0.00	6,500.00	0.00
		Rent Steps	Charge baserent	Type Rent	Unit 100B	Area Label SF	Area 11,239.00	From 05/01/2012	To 04/30/2017	Monthly Amt 3,821.26	Amt/Area 0.34	Annual 45,855.12	Annual/Area 4.08	Manag... 0.00	Annual ... 45,855.12	
		Charge Schedules	Charge baserent	Type Rent	Unit 100B	Area Label SF	Area 11,239.00	From 05/01/2012	To 04/30/2017	Monthly Amt 3,821.26	Amt/Area 0.34	Annual 45,855.12	Annual/Area 4.08	Manag... 0.00	Annual ... 45,855.12	
			cam	CAM	100B	SF	11,239.00	01/01/2013	04/30/2017	1,189.46	0.10	14,273.53	1.27	0.00	14,273.53	
			ins	CAM	100B	SF	11,239.00	01/01/2013	04/30/2017	196.68	0.01	2,360.19	0.21	0.00	2,360.19	
			proptax	CAM	100B	SF	11,239.00	01/01/2013	04/30/2017	749.27	0.06	8,991.20	0.80	0.00	8,991.20	
New Market Center (newmkt)	100F	Three Colors (Fan Yuan, Inc.)	Retail NNN	1,400.00	03/01/2012	04/30/2017	62	1.08	1,283.33	0.92	15,400.00	11.00	2.28	0.00	1,458.33	0.00
		Rent Steps	Charge baserent	Type Rent	Unit 100F	Area Label SF	Area 1,400.00	From 03/01/2012	To 04/30/2013	Monthly Amt 1,283.33	Amt/Area 0.91	Annual 15,400.00	Annual/Area 11.00	Manag... 0.00	Annual ... 15,400.00	
			baserent	Rent	100F	SF	1,400.00	05/01/2013	04/30/2014	1,309.00	0.93	15,708.00	11.22	0.00	15,708.00	
			baserent	Rent	100F	SF	1,400.00	05/01/2014	04/30/2015	1,334.67	0.95	16,016.00	11.44	0.00	16,016.00	
			baserent	Rent	100F	SF	1,400.00	05/01/2015	04/30/2016	1,361.50	0.97	16,338.00	11.67	0.00	16,338.00	
			baserent	Rent	100F	SF	1,400.00	05/01/2016	04/30/2017	1,389.50	0.99	16,674.00	11.91	0.00	16,674.00	
		Charge Schedules	Charge baserent	Type Rent	Unit 100F	Area Label SF	Area 1,400.00	From 03/01/2012	To 04/30/2013	Monthly Amt 1,283.33	Amt/Area 0.91	Annual 15,400.00	Annual/Area 11.00	Manag... 0.00	Annual ... 15,400.00	
			cam	CAM	100F	SF	1,400.00	01/01/2013	04/30/2017	148.17	0.10	1,778.00	1.27	0.00	1,778.00	
			ins	CAM	100F	SF	1,400.00	01/01/2013	04/30/2017	24.50	0.01	294.00	0.21	0.00	294.00	
			proptax	CAM	100F	SF	1,400.00	01/01/2013	04/30/2017	93.33	0.06	1,120.00	0.80	0.00	1,120.00	
		Options	Type Renewal	Status Active	Who Tenant	Date 04/30/2017	Term 60	Earliest	Latest 11/01/2016	Rent 0.00	Description 1st Option to Renew					
New Market Center (newmkt)	100G	GA Community Support & Solutions (Art & Food)	Retail NNN	4,000.00	02/15/2003	04/30/2013	123	10.16	4,793.33	1.20	57,520.00	14.38	2.28	0.00	4,000.00	0.00
		Rent Steps	Charge baserent	Type Rent	Unit 100G	Area Label SF	Area 4,000.00	From 05/01/2008	To 04/14/2013	Monthly Amt 4,793.33	Amt/Area 1.19	Annual 57,520.00	Annual/Area 14.38	Manag... 0.00	Annual ... 57,520.00	
		Charge Schedules	Charge baserent	Type Rent	Unit 100G	Area Label SF	Area 4,000.00	From 05/01/2008	To 04/14/2013	Monthly Amt 4,793.33	Amt/Area 1.19	Annual 57,520.00	Annual/Area 14.38	Manag... 0.00	Annual ... 57,520.00	
			cam	CAM	100G	SF	4,000.00	01/01/2013	04/14/2013	423.33	0.10	5,080.00	1.27	0.00	5,080.00	
			ins	CAM	100G	SF	4,000.00	01/01/2013	04/14/2013	70.00	0.01	840.00	0.21	0.00	840.00	
			proptax	CAM	100G	SF	4,000.00	01/01/2013	04/14/2013	266.67	0.06	3,200.00	0.80	0.00	3,200.00	
		Options	Type Renewal	Status Active	Who Tenant/Landlord	Date 04/14/2013	Term 60	Earliest	Latest 10/16/2012	Rent 0.00	Description 2nd Option to Renew					

Tenancy Schedule

Property: newmkt As of Date: 03/31/2013 By Property

Property	Unit(s)	Lease	Lease Type	Area	Lease From	Lease To	Term	Tenancy Years	Monthly Rent	Monthly Rent/Area	Annual Rent	Annual Rent/Area	Annual Rec./Area	Annual Misc./Area	Security Deposit	Letter of Credit Amount
New Market Center (newmkt)	100H	C&D Corporation	Retail NNN	2,080.00	07/01/2012	12/31/2017	66	0.75	1,906.67	0.92	22,880.00	11.00	2.28	0.00	333.33	0.00
		Rent Steps	Charge baserent	Type Rent	Unit 100H	Area Label SF	Area 2,080.00	From 01/01/2013	To 12/31/2017	Monthly Amt 1,906.67	Amt/Area 0.91	Annual 22,880.00	Annual/Area 11.00	Manag... 0.00	Annual ... 22,880.00	
		Charge Schedules	Charge baserent	Type Rent	Unit 100H	Area Label SF	Area 2,080.00	From 01/01/2013	To 12/31/2017	Monthly Amt 1,906.67	Amt/Area 0.91	Annual 22,880.00	Annual/Area 11.00	Manag... 0.00	Annual ... 22,880.00	
			cam	CAM	100H	SF	2,080.00	01/01/2013	12/31/2017	220.13	0.10	2,641.60	1.27	0.00	2,641.60	
			ins	CAM	100H	SF	2,080.00	01/01/2013	12/31/2017	36.40	0.01	436.80	0.21	0.00	436.80	
			proptax	CAM	100H	SF	2,080.00	01/01/2013	12/31/2017	138.67	0.06	1,664.00	0.80	0.00	1,664.00	
New Market Center (newmkt)	100A	VACANT		9,151.00												
New Market Center (newmkt)	100C	VACANT		1,935.00												
New Market Center (newmkt)	100D	VACANT		3,909.00												
New Market Center (newmkt)	100E	VACANT		13,494.00												

Prepared For

**COLUMN FINANCIAL, INC.
200 WEST MADISON, SUITE 710
CHICAGO, ILLINOIS 60606**

ATTN: JANE PRICE

**PHASE I ENVIRONMENTAL
SITE ASSESSMENT REPORT**

**New Market Center
2058/2060 Lower Roswell Road
Marietta, Georgia 30067**

**Date Issued: July 12, 2002
NAC Project Number 02-10010.1**

Prepared By

NAC

**NATIONAL ASSESSMENT CORPORATION
965 PIEDMONT ROAD, N.E., SUITE 100A
MARIETTA, GEORGIA 30066
TEL (678) 581-2518 FAX (678) 581-2526**

NAC

ENGINEERING

ENVIRONMENTAL

SEISMIC

CONSTRUCTION

July 12, 2002

COLUMN FINANCIAL, INC.
Attn: Jane Price
200 West Madison, Suite 610
Chicago, Illinois 60606

**RE: PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT
NEW MARKET CENTER
2058/2060 LOWER ROSWELL ROAD
MARIETTA, GEORGIA 30067
NAC PROJECT No. 02-10010.1**

Dear Ms. Price:

National Assessment Corporation (NAC) is pleased to provide the results of our Phase I Environmental Site Assessment of the 2058/2060 Lower Roswell Road property located in Marietta, Georgia 30067. This assessment was performed in general accordance with the Column Financial, Inc. scope of work for Phase I Environmental Site Assessments.

This assessment included a site reconnaissance as well as research and interviews with representatives of the public, property management, and regulatory agencies. An assessment was made, conclusions stated, and recommendations outlined.

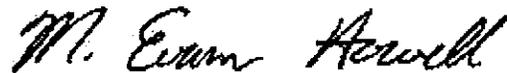
NAC appreciates the opportunity to provide environmental services to Column Financial, Inc. If you have any questions concerning this report, or if we can assist you in any other matter, please contact M. Evans Howell at (678) 581-2518.

Sincerely,

NATIONAL ASSESSMENT CORPORATION



Richard L. Curtis, P.E.
Professional Associate



M. Evans Howell, MS, REA 06257
Principal

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FIGURES

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Figure 3	Topographic Map

APPENDIX

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Exhibit B-1	Aerial Photographs
Exhibit B-2	Fire Insurance Maps
Appendix C	Regulatory Records Documentation
Exhibit C-1	Mapped Database Report
Exhibit C-2	General Public Records
Appendix D	Interview Records
Appendix E	Client-Provided Documentation
Appendix F	Laboratory Reports
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EXECUTIVE SUMMARY

National Assessment Corporation (NAC) has performed a Phase I Environmental Site Assessment (ESA) in general accordance with the scope of work and limitations set forth by Column Financial, Inc. for the New Market Center located at 2058/2060 Lower Roswell Road, Marietta, Georgia 30067 (the "Property").

The Phase I Environmental Site Assessment is designed to provide Column Financial, Inc. with an assessment concerning environmental conditions (limited to those issues identified in the report) as they exist at the Property. This assessment was conducted utilizing generally accepted ESA industry standards in accordance with ASTM E 1527-00, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process and Column Financial, Inc. scope of work for Phase I Environmental Site Assessments.

The Property is currently developed for commercial use and is occupied by a shopping center building. The building is single-story and was constructed in phases from approximately 1972 to 1986. Current tenants include a computer learning center, a community theater, a beauty salon, a restaurant, a gymnasium, a church, and a dry cleaner.

The site is situated within a suburban area east of Marietta, Georgia. The shopping center is bound to the north beyond Lower Roswell Road by Sewell Park and a county branch library, to the east by Children's World Learning Center, to the south by residential properties, and to the west by an undeveloped lot, Arnold's Auto Repair Service, a dental office building, and a Circle K convenience store/gasoline station. A western out-parcel of the shopping center is occupied by Massey Automotive and a northwestern out-parcel is occupied by Wachovia Bank. Based on topographic map interpretation and site observations, groundwater flow beneath the site is inferred to be in a southerly direction toward Rottenwood Creek.

NAC obtained and reviewed a database report from Environmental Data Resources (EDR) for the Property and the surrounding area. Based on the database report, no up gradient sites were identified as potential concerns to the Property. NAC did identify one registered underground storage tank (UST) and three reported leaking USTs (LUSTs) sites located within the prescribed search radii. A nearby LUST site, the Circle K at 2020 Lower Roswell Road, has had four suspected releases. Based on information provided to the Georgia Environmental Protection Division (EPD), no action was taken on a suspected release in 1998. Circle K reported that two suspected releases in 1999 were "resolved" (i.e., their investigation indicated no release of regulated product). A Phase II Assessment performed at the subject Property in 1999 found no indications of gasoline constituents such as benzene, toluene, ethylbenzene, and total xylenes (BTEX) or polynuclear aromatic hydrocarbons (PAHs) in groundwater samples taken from the northwest portion of the Property. A confirmed release was reported at the Circle K facility on June 25, 2001. According to the EPD, groundwater monitoring at the site indicated contamination. The EPD has requested a Corrective Action Plan from Circle K regarding this release. Since the site is cross gradient with respect to the Property, it is not considered to be a Recognized Environmental Condition (REC). The remaining two LUST sites identified were cross gradient of the Property and therefore not considered to be Recognized Environmental Conditions.

Conclusions

NAC has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-00 of 2058/2060 Lower Roswell Road, Marietta, Georgia 30067, the Property. Any exceptions to, or deletions from, this practice are described in Section 1.4 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the Property, except for the following:

- The western unit of the Property building has been utilized for conventional dry cleaning purposes from approximately 1989 to the present. Based on the results of a previous Phase II assessment, low concentrations of soil and groundwater contamination were identified and reported to the Georgia Environmental Protection Division (EPD). The EPD determined that the release did not exceed a “reportable quantity” and therefore the site was not placed on the State’s Hazardous Site Inventory. The dry cleaner utilizes a Hoffman 2010 dry cleaning machine containing a closed loop system.
- A limited asbestos survey was performed as part of a previous Phase I assessment of the Property. Based on the results of the survey, asbestos was found in floor tile and mastic adhesive in the rear storage area of the main building of the shopping center (former Winn-Dixie location). The roofing materials were also assumed to be asbestos-containing. During NAC’s limited survey of the subject buildings for suspect asbestos containing materials (ACMs), potential asbestos-containing materials (other than roofing materials) were not identified because the older portions of the shopping center have been recently renovated.
- NAC conducted a limited survey for lead in drinking water. NAC collected drinking water samples from two occupied units on the Property using the first draw, 30-second purge, and two-minute purge protocol. The samples were analyzed by USEPA Method 200.9/GFAA for total lead concentration. According to the analytical results, lead above the USEPA action level of 15 ppb (0.015 mg/L or 15 ug/L) was not detected in any of the samples. The laboratory results are provided in Appendix F.

This assessment has revealed no other evidence of recognized environmental conditions or associated issues in connection with the Property.

Recommendations

Based on the findings of this ESA, NAC recommends the following:

- An Operations and Maintenance (O&M) Program should be implemented in order to manage the suspect asbestos-containing material located at the Property.
- Prior to any planned remodeling or demolition, a comprehensive survey for asbestos-containing materials should be conducted. Removal of identified ACMs, including the preparation of specifications, should be conducted by a licensed asbestos abatement contractor and/or Certified Asbestos Consultant, according to applicable regulations.

The following table summarizes the findings of the significant elements of this investigation.

Assessment Component	Acceptable	Routine Solution	Phase II	Estimated Cost	Reference Section
Historical Review	X				3.3
On-site Operations	X				4.2

Assessment Component	Acceptable	Routine Solution	Phase II	Estimated Cost	Reference Section
Hazardous Materials	X				4.2.1
Waste Generation	X				4.1.1, 4.2.1
PCBs	X				4.2.3
Asbestos		X (a)		\$300 (O&M Plan)	4.2.10
Lead in Drinking Water	X				4.2.8
Storage Tanks	X				4.2.6
Surface Areas	X				4.2.2
Regulatory Database Review	X				3.1
Adjoining Properties	X				2.6, 3.3.6

- (a) An Operations and Maintenance (O&M) Program should be implemented in order to manage the previously identified and suspect asbestos-containing material located at the Property.

1.0 INTRODUCTION

National Assessment Corporation (NAC) was retained by Column Financial, Inc. to conduct a Phase I Environmental Site Assessment (ESA) of the New Market Center located at 2058/2060 Lower Roswell Road, Marietta, Georgia 30067 (the Property). The protocol used for this assessment is in general conformance with ASTM E 1527-00, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process and Column Financial, Inc. scope of work for Phase I Environmental Site Assessments.

On July 3, 2002, Richard L. Curtis, P.E., a representative of NAC, conducted a site reconnaissance to assess the possible presence of petroleum products and hazardous materials at the Property. NAC's investigation included review of aerial photos, reconnaissance of adjacent properties, background research, and review of available local, state, and federal regulatory records regarding the presence of petroleum products and/or hazardous materials at the Property.

NAC contracted Environmental Data Resources, Inc. of Southport, Connecticut, to perform a computer database search for local, state, and Federal regulatory records pertaining to environmental concerns for the Property and properties in the vicinity of the Property (see Section 3.0).

1.1 Purpose

The purpose of this Phase I Environmental Site Assessment (ESA) was to identify existing or potential Recognized Environmental Conditions (as defined by ASTM Standard E-1527-00) in connection with the Property. NAC understands that the findings of this study will be used by Column Financial, Inc. to evaluate a pending financial transaction in connection with the Property.

1.2 Scope of Services

The scope of work for this ESA is in accordance with Column Financial, Inc. Phase I Environmental Site Assessment protocol and is in general accordance with the requirements of ASTM Standard E 1527-00. NAC warrants that the findings and conclusions contained herein were accomplished in accordance with the methodologies set forth in the Scope of Work. These methodologies are described as representing good commercial and customary practice for conducting an Environmental Site Assessment of a property for the purpose of identifying recognized environmental conditions.

No other warranties are implied or expressed.

1.3 Assumptions

There is a possibility that even with the proper application of these methodologies there may exist on the Property conditions that could not be identified within the scope of the assessment or which were not reasonably identifiable from the available information. NAC believes that the information obtained from the record review and the interviews concerning the site is reliable. However, NAC cannot and does not warrant or guarantee that the information provided by these other sources is accurate or complete. The methodologies of this assessment are not intended to produce all inclusive or comprehensive results, but rather to provide Column Financial, Inc. with information relating to the Property.

1.4 Limitations and Exceptions

The findings and conclusions contain all of the limitations inherent in these methodologies that are referred to in ASTM 1527-00. Specific limitations and exceptions to this ESA are more specifically set forth below:

- NAC was not able to access the Little General Community Playhouse and two vacant units at the shopping center.
- No response was obtained from the Cobb County Emergency Management Agency regarding any information indicating the presence of underground storage tanks or the use of hazardous materials at the Property.

1.5 Special Terms and Conditions

The conclusions and findings set forth in this report are strictly limited in time and scope to the date of the evaluations. The conclusions presented in the report are based solely on the services described therein, and not on scientific tasks or procedures beyond the scope of agreed-upon services or the time and budgeting restraints imposed by the client. No subsurface exploratory drilling or sampling was done under the scope of this work. Unless specifically stated otherwise in the report, no chemical analyses have been performed during the course of this ESA.

Some of the information provided in this report is based upon personal interviews, and research of available documents, records, and maps held by the appropriate government and private agencies. This is subject to the limitations of historical documentation, availability, and accuracy of pertinent records, and the personal recollections of those persons contacted.

The content and conclusions provided by NAC in this report are based solely on the information collected during our investigation and activities at the Property, our present understanding of the Property conditions, and our professional judgment in light of such information at the time this report was prepared. Part of the findings in this investigation is based on data provided by others. This report presents NAC's professional opinion, and no warranty, expressed or implied, is made. Column Financial, Inc. has the right to reproduce in full and provide copies of this report to interested parties, including Column Financial, Inc.'s Agents, bond rating agencies, and exiting/potential loan or loan-pool participates. All reports, both verbal and written, are for the benefit of Column Financial, Inc. and its agents, employees, participates, and assigns. This report has no other purpose and may not be relied upon by any other person or entity without the written consent of NAC.

1.6 Use Reliance

Column Financial, Inc., its employees, agents, successors and assigns may rely upon this report in evaluating a request for an extension of credit (the "Mortgage Loan") to be secured by the property. This information may also be used by any actual or prospective purchaser, transferee, assignee, or servicer of the Mortgage Loan, any actual or prospective investor (including agent or advisor) in any securities evidencing a beneficial interest in or backed by the Mortgage Loan, any rating agency actually or prospectively rating any such securities, any indenture trustee, and any institutional provider(s) from time to time of any liquidity facility or credit support for such financing. In addition, this report or a reference to this report may be included or quoted in any offering circular, private placement memorandum, registration statement, or prospectus and National Assessment Corporation agrees to cooperate in answering questions by any of the above parties in connection with a securitization or transaction involving the Mortgage Loan and/or such securities. This report has no other purpose and should not be relied upon by any other person or entity.

2.0 SITE DESCRIPTION

2.1 User Provided Information

Pursuant to ASTM E 1527-00, NAC requested the following site information from Column Financial, Inc. (User of this report) and from the site contact.

ITEM	PROVIDED BY USER	NOT PROVIDED BY USER	DISCUSSED BELOW	DOES NOT APPLY
2.1.1 Environmental Pre-survey Questionnaire	X			
2.1.2 Title Records		X		
2.1.3 Environmental Liens or Activity and Use Limitation		X		
2.1.4 Specialized Knowledge		X		
2.1.5 Valuation Reduction for Environmental Issues		X		
2.1.6 Identification of Key Site Manager	X			
2.1.7 Reason for Performing Phase I ESA	YES, SEE SECTION 1.1			
2.1.8 Prior Environmental Reports	X			
2.1.9 Other				X

The following previous reports were provided to NAC:

- *Phase I Environmental Site Assessment*, New Market Mall, by Qore Property Sciences, dated April 29, 1999. The Phase I included a limited asbestos survey. Asbestos was confirmed in floor tiles/mastic adhesive in the rear storage area of the main shopping center building (former Winn-Dixie location). Also, two recognized environmental conditions were identified: two LUST sites located near the Property and the dry cleaner located on the property.
- *Limited Phase II Assessment*, New Market Mall, by Qore Property Sciences, dated June 11, 1999. Based on limited soil and groundwater sampling and analysis, low concentrations of the compounds toluene, total xylenes, and tetrachloroethylene in soil and tetrachloroethylene, chlorform, and cis-1,2 dichloroethylene in groundwater were found in the vicinity of the dry cleaner.
- *Phase I Environmental Site Assessment Update*, New Market Mall, by Qore Property Sciences, dated April 23, 2001. Based on information provided by the EPD regarding the nearby LUSTs and the reported releases at the Property, as well as the results of the previous Phase II assessment, Qore concluded that there was no evidence of recognized environmental conditions at the Property.

2.2 Location and Legal Description

The address of the Property is 2058/2060 Lower Roswell Road, Marietta, Georgia 30067. The Property is located in a suburban area of Cobb County. According to the Cobb County Tax Commissioner's office, the parcel number of the Property is 16-1244-0-068-0. A copy of the legal description of the Property is included in Appendix C-2.

According to the Cobb County Tax Commissioner's office, the Property is currently owned by G & R Georgia One, LLC.

2.3 Site and Vicinity General Characteristics

The Property is located in a suburban area that is characterized by commercial property along the main roads surrounded by residential development. The Property is zoned CRC – Community Retail Commercial by Cobb County Planning and Zoning.

The Property consists of an irregular-shaped parcel, approximately 4.8 acres in size. The Property is designed and used for commercial purposes. Currently, the Property is developed with one structure that was constructed in 1972 to 1986. The eastern portion of the building (former Winn-Dixie) was constructed in 1972 and the middle portion of the building (former Revco) was constructed in 1974. The smaller shops (western portion) were added in 1985. The structure at the Property is one-story in height, and comprises a total of 47,974 square feet of building space.

Access to the asphalt-surfaced Property parking lots in the north-central portions of the Property is provided from Lower Roswell Road and Shawnee Trail. Minimal landscaping is located along the Property boundaries. No other structures or significant surface features were noted on the Property at the time of the reconnaissance.

2.4 Current Use of the Property

At the present time, the Property is developed with a commercial center. The site consists of one single-story structure and paved parking areas. According to Cobb County Planning and Zoning, the Property is zoned CRC-Community Retail Commercial. Based on the information reviewed during the preparation of this report and the observations made during the reconnaissance of the Property, the tenant spaces are currently occupied by the tenants and activities identified in the table below:

SITE OCCUPANTS		
UNIT	TENANT	OPERATION
2060 Lower Roswell Road, Suite 400	New Horizons Computer Learning Centers	New Horizons uses the building for computer training of corporate clients. Most of the facility consists of classrooms with computers for each student.
2060 Lower Roswell Road, Suite 300	Little General Community Playhouse	The Little General Community Playhouse presents community based productions in a small theater.
2060 Lower Roswell Road, Suite 290	Options Salon	Options Salon is a beauty salon providing hair cutting, styling, etc and manicuring services.
2060 Lower Roswell Road, Suite 280	All-Star Pizza	All-Star Pizza is a restaurant.
2058 Lower Roswell Road, Suite E	Gold's Gym	Gold's Gym is a health club. Most of the facility consists of fitness equipment and workout rooms.

SITE OCCUPANTS		
UNIT	TENANT	OPERATION
2058 Lower Roswell Road, Suite A & B	Vacant	
2058 Lower Roswell Road, Suite C	Brazilian Christian Fellowship	This facility is a Brazilian Christian church. Most of the facility consists of a large worship area with some office/classroom space.
2058 Lower Roswell Road, Suite D	TLC Cleaners	This facility is a dry cleaner. Dry cleaning is performed on-site.

2.5 Description of Site Improvements

The building consists of concrete slab-on-grade construction with concrete block walls. The front façade consists of a combination of brick, stucco and wood siding. Interior finishes consist mainly of gypsum wallboard interior walls, acoustical ceiling panels, and floor coverings consisting of carpet, vinyl tiles, and bare concrete. Significant renovation to the building occurred in 2000 to 2002, when the front of the shopping center and tenant interiors were completely renovated.

Marietta Water supplies drinking water to the Property from the municipal distribution system. Sanitary discharges on the subject site are discharged into the municipal sanitary sewer system. Electricity is provided to the Property by Marietta Power. Natural gas is provided by Atlanta Gas Light Company through a system of gas marketers.

2.6 Current Use of Adjoining Properties

During the vicinity reconnaissance, NAC observed the following land use on properties in the immediate vicinity of the Property.

North: Areas immediately adjacent to the north of the Property include the following: East Marietta Branch Library (2051 Lower Roswell Road) and Sewell Park (2085 Lower Roswell Road).

South: Areas immediately adjacent to the south of the Property include residential properties.

East: Areas immediately adjacent to the east of the Property include Children's World Learning Center (2090 Lower Roswell Road)

West: Areas immediately adjacent to the west of the Property include the following beyond Shawnee Trail: a vacant lot, Arnold's Auto Repair Service (64 Shawnee Trail), Family & Cosmetic Dentistry/Pickron Orthodontic Care (62 Shawnee Trail), and Circle K (2020 Lower Roswell Road). In addition, two out-parcels are on the west side of the shopping center: Massey Automotive (2050 Lower Roswell Road) and Wachovia Bank (2040 Lower Roswell Road).

3.0 RECORDS REVIEW

3.1 Standard Environmental Record Sources

3.1.1 State and Federal Regulatory Review

Information from standard Federal and state environmental record sources was provided through Environmental Data Resources (EDR). Data from governmental agency lists are updated and integrated into one database, which is updated as these data are released. This integrated database also contains postal service data in order to enhance address matching. Records from one government source are compared to records from another to clarify any address ambiguities. The demographic and geographic information available provides assistance in identifying and managing risk. The accuracy of the geocoded locations is approximately +/-300 feet.

In some cases, location information supplied by the regulatory agencies is insufficient to allow the database companies to geocoded facility locations. These facilities are listed under the unmappables section within the EDR report. A review of the unmappable facilities indicated that none of these facilities are within the ASTM minimum search distance from the Property.

Regulatory information from the following database sources regarding possible recognized environmental conditions, within the ASTM minimum search distance from the Property, was reviewed. Specific facilities are discussed below if determined likely that a potential recognized environmental condition has resulted at the Property from the listed facilities. Please refer to Appendix C-1 for a complete listing.

Federal NPL

The National Priorities List (NPL) is the Environmental Protection Agency (EPA) database of uncontrolled or abandoned hazardous waste sites identified for priority remedial actions under the Superfund Program.

The Property is not listed as a NPL facility. No NPL sites are located within one mile of the Property.

Federal CERCLIS List

The Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) list is a compilation of sites that the EPA has investigated or is currently investigating for a release or threatened release of hazardous substances.

The Property is not listed as a CERCLIS facility. No CERCLIS sites are listed within one-half mile of the Property.

Federal CERCLIS NFRAP Sites List

The CERCLIS No Further Remedial Action Planned (NFRAP) List is a compilation of sites that the EPA has investigated, and has determined that the facility does not pose a threat to human health or the environment, under the CERCLA framework.

The Property is not listed as a CERCLIS-NFRAP facility. No CERCLIS-NFRAP sites are listed on or adjoining the Property.

Federal Resource Conservation and Recovery Act (RCRA) CORRACTS TSD Facilities List

The EPA Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Treatment, Storage and Disposal (TSD) database is a compilation by the EPA of reporting facilities that treat, store or dispose of hazardous waste. The CORRACTS database is the EPA's list of treatment storage or disposal facilities subject to corrective action under RCRA.

The Property is not listed as a RCRA CORRACTS TSD facility. No RCRA CORRACTS TSD facilities are listed within one mile of the Property.

Federal Resource Conservation and Recovery Act (RCRA) Non-CORRACTS TSD Facilities List

The RCRA TSD database is a compilation by the EPA of reporting facilities that treat, store or dispose of hazardous waste.

The Property is not listed as a RCRA-TSD facility. No RCRA TSD sites are listed within one-half mile of the Property.

Federal RCRA Generator List

The RCRA program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Generators database is a compilation by the EPA of reporting facilities that generate hazardous waste.

The Property is not listed as a RCRA facility. No RCRA Generator facilities are listed on the Property or on the adjacent properties.

Federal Emergency Response Notification System (ERNS)

The Emergency Response Notification System (ERNS) is a national database used to collect information on reported release of oil or hazardous substances.

No ERNS sites were listed on the Property or on the adjacent properties.

State Priority List

The Georgia Environmental Protection Division maintains a State Priority List (SPL) of sites considered to be actually or potentially contaminated and presenting a possible threat to human health and the environment.

The Property is not listed as a SPL facility. No SPL sites are listed within one mile of the Property.

State CERCLIS-Equivalent List

The Georgia Environmental Protection Division maintains a State CERCLIS-equivalent list (SCL) of sites under investigation that could be actually or potentially contaminated and presenting a possible threat to human health and the environment.

The Property is not listed as a State CERCLIS facility. No SCL sites are listed within one-half mile of the Property.

Solid Waste/Landfill Facilities (SWLF)

A database of SWLF is prepared by the Georgia Environmental Protection Division.

The Property is not listed as a SWLF facility. No SWLF facilities are listed within one-half mile of the Property.

State Leaking Underground Storage Tank List (LUST)

The Georgia Environmental Protection Division compiles lists of all leaks of hazardous substances from underground storage tanks.

The Property is not listed as a LUST facility. Three LUST sites are listed within one-half mile of the Property. Two of these sites are in excess of one-quarter mile of the Property and west (cross-gradient) of the Property. The one remaining facility is described below:

Circle K Store #5268, 2020 Lower Roswell Road, is located beyond Shawnee Trail at its intersection with Lower Roswell Road. Since the northwestern portion of the Property consists of two out-parcels, this facility is not considered adjacent to the Property but is in close proximity.

This site has had four suspected releases. Based on information provided to the Georgia Environmental Protection Division, no action was taken on a suspected release in 1998. Circle K reported that two suspected releases in 1999 were "resolved" (meaning their investigation indicated no release of regulated product). A Phase II Assessment performed at the Property in 1999 found no indications of benzene, toluene, ethylbenzene, and total xylene (BTEX) or polynuclear aromatic hydrocarbons (PAHs) in groundwater samples taken from the northwest portion of the Property. A confirmed release was reported on June 25, 2001. According to the EPD, groundwater monitoring at the site indicated contamination. The EPD has requested a Corrective Action Plan from Circle K regarding this release. Since the site is cross gradient with respect to the Property, it is not considered to be a Recognized Environmental Condition (REC).

State Underground Storage Tank List (UST)

The Georgia Environmental Protection Division compiles a list of UST locations.

The Property is not listed as an UST facility. No registered UST facilities are listed adjacent to the Property (other than the previously described Circle K site).

3.1.2 Local Regulatory Review

3.1.2.1 County Recorder/ Assessor

According to the Cobb County Superior Court Clerk's office, no environmentally related liens or deed restrictions have been recorded against the Property.

3.1.2.2 Fire Officials

NAC contacted the Cobb County Emergency Management Agency for any information indicating the presence of underground storage tanks and for the use of hazardous materials. No response has been received as of the date of this report.

3.1.2.3 Building Department

NAC contacted the Cobb County Development and Inspections Permitting Division for records regarding the Property. Due to the age of the building at the Property, no records were available for review.

3.1.2.4 Other Agencies

NAC contacted the Cobb County Health Department for records related to the Property. No records indicated current or past usage of hazardous materials, USTs or ASTs at the Property.

3.2 Physical Setting Sources

3.2.1 Topography

The United States Geological Survey (USGS), Sandy Springs, Georgia Quadrangle 7.5-minute series topographic map was reviewed for this ESA. This map was published by the USGS in 1997. According to the contour lines on the topographic map, the Property is located at approximately 1020 to 1030 feet above mean sea level (MSL). The contour lines in the area of the Property indicate the area is sloping moderately to the south.

No surface waters are depicted as present on or adjacent to the Property, nor are production wells or other significant surface features depicted on the USGS map.

3.2.2 Soils/Geology

Based on the soil survey maps published by the USDA Soil Conservation Service (1973), the Property is mapped as Appling sandy loam and Cartecay soils. Appling soils consist of deep, well-drained soils that formed on uplands in material weathered from granite, gneiss, and schist. These soils are found on narrow to broad ridge tops and hillsides. Cartecay soils consist of deep, somewhat poorly drained soils on flood plains. The soil survey map indicates that a small creek is located near the southern Property boundary.

The Property is located within the Piedmont Physiographic Province of Georgia, an area underlain by ancient igneous and metamorphic rocks. The upland soils in this area are the residual product of in-place weathering of rock similar to the rocks that presently underlie the site. A typical residual soil profile consists of clayey soils near the surface, where soil weathering is more advanced, underlain by sandy silts and silty sands that generally become less weathered and more dense with depth. The naturally developed soil profile may be changed by erosion and/or man's grading activities, so that the upper more weathered zones may be completely stripped away. Also, residual soils may be covered by washed-in alluvial soils or manmade fill, or both.

According to Bulletin 96, *Geology of the Greater Atlanta Region*, published by the Georgia Geologic Survey in 1984, the site is underlain by rocks of the Powers Ferry Formation. This formation consists of undifferentiated biotite-quartz-plagioclase gneiss (metagraywacke), mica schist and amphibolite.

3.2.3 Hydrology

According to Information Circular 63, *Ground Water in the Greater Atlanta Region, Georgia*, published by the Georgia Geologic Survey in 1983, the property is located in an area underlain by a water-bearing unit consisting of schist locally interlayered with greywacke, quartzite and other rocks. Wells in this unit vary in depth from 67 to 700 feet with an average depth of 195 feet. Groundwater in the Piedmont generally occurs under water table conditions as a result of infiltration of surface waters through the somewhat permeable overburden. Fractures and other discontinuities in the underlying rock can affect groundwater conditions. In this geologic setting, the configuration of the groundwater table is generally expected to be a slightly subdued replica of the ground surface. Based on topographic map interpretation and site observations, groundwater flow beneath the site is inferred to be in a southerly direction.

The nearest surface water in the vicinity of the Property is a tributary to Rottenwood Creek located just south of the Property. No settling ponds, lagoons, surface impoundments, wetlands or natural catch basins were observed at the Property during this investigation.

3.2.4 Flood Zone Information

A review of the Flood Insurance Rate Maps, published by the Federal Emergency Management Agency, was performed. According to Map Number 13067C0055 F, dated August 18, 1992, the Property is located in Flood Zone X. Flood Zone X regions consist of areas determined to be outside the 500-year flood plain. The distance to the nearest 100-year flood plain is approximately 300 feet to the north, along Sope Creek.

3.2.5 Oil and Gas Exploration

Based on a review of area maps and the site reconnaissance, there are no known oil or gas exploration wells on the subject Property.

3.3 Historical Use Information

Based on a review of aerial photographs, the Property was undeveloped prior to development of the current Property improvements between 1972 and 1986. A 1955 aerial photograph shows the Property area as mostly undeveloped pastureland with some woodland area. Based on an interview with the owner of the existing dry cleaner on the Property, a dry cleaning operation has been on the Property since approximately 1989.

3.3.1 Aerial Photographs

Available aerial photographs dated 1955, 1986 and 1993, from the Natural Resources Conservation Service and the United States Geological Survey were reviewed for this ESA. Copies of selected photographs are included in Appendix B-1 of this report. The photographs are discussed below:

Date: 1955
Scale: 1" = 1667'
Photo I.D. No.: JL-5P-85
Description: The 1955 photo shows most of the Property as undeveloped pastureland with some woodland area. No evidence of recognized environmental conditions are evident on the Property in this photograph.

Most of the surrounding area is also undeveloped pastureland or woodland. Beyond the immediate vicinity of the Property, residential development is visible in this photo.

Date: 1986
Scale: 1" = 1000'
Photo ID: 982
Description: The 1986 photo shows the eastern portions of the Property building (former Winn-Dixie and Revco). No evidence of recognized environmental conditions are evident on the Property in this photograph.

Commercial development is seen along Lower Roswell Road in this photo. Also, additional residential development is shown in the immediate surrounding areas.

Date: 1993
Scale: 1" = 320'
Photo ID: None
Description: The 1993 photo shows the Property building in its current configuration. The Wachovia Bank in the northwest out-parcel is also shown. No evidence of recognized environmental conditions are evident on the Property in this photograph.

Additional commercial development is seen along Lower Roswell Road in this photo.

3.3.2 Fire Insurance Maps

NAC requested historical Sanborn Fire Insurance maps for the Property from Environmental Data Resources, Inc. (EDR) and was subsequently informed that no such maps for the Property or immediate vicinity are maintained in EDR's collection. A copy of the "no coverage" notification is included in Appendix B-2.

3.3.3 City Directories

Historical City directories published by Polk's, Johnson Publishing Company, and the Atlanta City Directory Company were reviewed at the Cobb County Central Library for past names and business that were listed for the Property and adjoining properties. The findings are presented in the following table:

Year	ON-SITE	Adjoining Properties
1968	No listing	West – no listing
		North – no listing
		East – no listing
		South – no listing
1977	Winn-Dixie – 2060 Lower Roswell	West – no listing
		North – no listing
		East – no listing
		South – no listing
1987	Winn-Dixie – 2060 Lower Roswell Revco Drugs – 2058 Lower Roswell	West – Stop-N-Go Service Station – 2020 Lower Roswell, First Atlanta Bank – 2040 Lower Roswell
		North – County Library – 2051 Lower Roswell
		East – Daybridge Learning Center – 2090 Lower Roswell
		South – no listing

3.3.4 Chain of Title

A 50-year chain-of-title was not requested for this study. Historical use of the Property was researched using other acceptable ASTM standard historical sources.

3.3.5 Additional Environmental Record Sources

No additional historical information was obtained from a review of previous environmental reports regarding the Property.

3.3.6 Historical Use Information on Adjoining Properties

By review of the standard historical sources referenced above, the historical uses of the adjoining properties are summarized below:

North: Prior to the current use as a county library and park, the property to the north was undeveloped.

- South:** Prior to the current use as residential properties, the property to the south was undeveloped.
- East:** Prior to the current use as a daycare facility, the property to the east was undeveloped.
- West:** Prior to the current use as a vacant lot, automotive repair shop, dental offices, convenience store/service station and a bank, the property to the west was undeveloped.

4.0 SITE RECONNAISSANCE

The Property was inspected by Richard L. Curtis, P.E., a representative of NAC, on July 3, 2002. The weather at the time of the site visit was sunny and warm. Mr. John Jefferson, Development Manager with Reserve Corporation, provided site access. Mr. Jefferson accompanied NAC during field reconnaissance activities. All tenant areas were inspected except the Little General Playhouse and two vacant spaces because these areas were locked and no key was available.

4.1 General Site Characteristics

The Property consists of an irregular-shaped parcel, approximately 4.8 acres in size. The Property is designed and used for commercial purposes. Currently, the Property is developed with one structure that was constructed in phases from 1972 to 1986. The eastern portion of the building (former Winn-Dixie) was constructed in 1972 and the middle portion of the building (former Revco) was constructed in 1974. The smaller shops (western portion) were added in 1985. The structure at the Property is one-story in height, and comprises a total of 47,974 square feet of building space.

Access to the asphalt-surfaced Property parking lots in the north-central portions of the Property is provided from Lower Roswell Road and Shawnee Trail. Minimal landscaping is located along the Property boundaries. No other structures or significant surface features were noted on the Property at the time of the reconnaissance.

4.1.1 Solid Waste Disposal

Solid waste on the Property is collected in commercial dumpsters situated along the south side of the Property building. Independent solid waste disposal companies remove solid waste from the Property. The dumpsters were noted to contain miscellaneous trash at the time of the Property reconnaissance and no indication of potentially hazardous material disposal was noted during NAC's reconnaissance.

4.1.2 Surface Water Drainage

Storm water is removed from the Property primarily by sheet flow action across the asphalt surfaces towards the southern Property boundary. No settling ponds, surface impoundments, wetlands, or natural catch basins were observed on the Property during this investigation. No drywells were identified on the Property.

4.1.3 Wells and Cisterns

No aboveground evidence of wells or cisterns was observed during the site reconnaissance.

4.1.4 Wastewater

No indications of industrial wastewater disposal or treatment facilities were observed during the onsite reconnaissance.

4.1.5 Additional Site Observations

No additional relevant general Site characteristics were observed.

4.2 Potential Environmental Conditions

4.2.1 Hazardous Materials and Petroleum Products Used or Stored at the Site

The following table identifies the hazardous materials and hazardous wastes found to be used, stored or generated on the Property.

HAZARDOUS SUBSTANCES/WASTES NOTED ONSITE				
SUBSTANCE	CONTAINER SIZE/ TOTAL AMOUNT	LOCATION	SUBSTANCE USE	DISPOSAL METHOD (IF APPLICABLE)
Tetrachloroethylene	Four -4 gallon drums	TLC Cleaners	Dry Cleaning	Septi Cleaning Service

The western unit of the Property building has been utilized for conventional dry cleaning purposes from approximately 1989 to the present. Based on the results of a previous Phase II assessment, low concentrations of soil and groundwater contamination were identified and reported to the Georgia Environmental Protection Division (EPD). The EPD determined that the release did not exceed a "reportable quantity" and therefore the site was not placed on the State's Hazardous Site Inventory. The dry cleaner utilizes a Hoffman 2010 dry cleaning machine containing a closed loop system.

4.2.1.1 Unlabeled Containers and Drums

No unlabeled containers or drums were observed during the Site reconnaissance.

4.2.1.2 Disposal Locations of Regulated/ Hazardous Waste

According to Mr. Ran Patel, owner of TLC Cleaners, tetrachloroethylene or perchloroethylene (PCE) is used in the dry cleaning operations on-site. Mr. Patel indicated that PCE and PCE waste/filters are stored on-site in small drums. PCE waste/filters are removed by a licensed waste service company (Septi Cleaning Service). Documentation of all PCE shipments and waste manifests are kept on-site.

4.2.2 Evidence of Releases

No obvious indications of hazardous material or petroleum product releases, such as stained areas or stressed vegetation, was observed during the site reconnaissance or reported during interviews. Asphalt-paved parking areas exhibited normal surface staining due to use.

4.2.3 Polychlorinated Biphenyls (PCBs)

Older transformers and other electrical equipment could contain polychlorinated biphenyls (PCBs) at a level that subjects them to regulation by the U.S. EPA. PCBs in electrical equipment are controlled by United States Environmental Protection Agency regulations 40 CFR, Part 761. Under the regulations, there are three categories into which electrical equipment can be classified:

- Less than 50 parts per million (PPM) of PCBs – *“Non-PCB” transformer*
- 50 ppm-500 ppm – *“PCB-Contaminated” electrical equipment*
- Greater than 500 ppm – *“PCB” transformer*

NAC observed one pad-mounted electrical transformer adjacent to the Massey Automotive property along Shawnee Trail. The unit was labeled to be owned and operated by Marietta Power and was also labeled as non-PCB. In addition, two sets of three pole-mounted transformers are located on the Property. These units are situated in the southwest corner of the Property, and immediately south of the mid-portion of the Property building. No indication of staining, leaks or fire damage was observed on or around any of these units. The units were not labeled as to their PCB status; however, they are labeled to be owned and operated by Marietta Power. NAC contacted Marietta Power (telephone conversation of July 11, 2002) who confirmed the Marietta Power ownership and operational responsibility.

No other electrical equipment expected to contain PCBs was observed on the Property during NAC’s reconnaissance.

4.2.4 Landfills

No evidence of on-site landfilling was observed or reported during the site reconnaissance.

4.2.5 Pits, Ponds, Lagoons, Sumps, and Catch Basins

No evidence of on-site pits, ponds, or lagoons was observed or reported during the site reconnaissance. No evidence of sumps or catch basins, other than used for stormwater removal, was observed or reported during the site reconnaissance.

4.2.6 On-Site ASTs and USTs

No evidence of aboveground or underground storage tanks was observed during the Site reconnaissance or reported during interviews.

4.2.7 Radiological Hazards

No radiological substances or equipment was observed or reported stored on the subject site.

4.2.8 Drinking Water

According to available information, a public water system operated by Marietta Water serves the Property and vicinity. According to Marietta Water personnel, water for their system is purchased from the Cobb County-Marietta Water Authority (CCMWA). The sources of drinking water for CCMWA are municipal surface water intakes drawing from the Chattahoochee River and Lake Allatoona. According to information provided by the CCMWA, the potable water supply is in compliance with all local, state, and federal drinking water quality standards.

Lead in drinking water analysis was performed as directed by the Column Financial, Inc. scope of work. Three (3) samples of drinking water were collected from the main kitchen sink in All-Star Pizza and three samples were collected from an ancillary kitchen sink in the same facility for analysis of total lead content. The first sample of each set was collected from the first draw of the faucet, the second sample was collected after a 30-second flush, and the third sample was collected after a two-minute flush. Samples were collected in plastic containers and transported under chain-of-custody to Scientific Laboratories of California, Inc. (SciLab) of Carson, California, for analysis. The water samples were analyzed for lead by using Furnace AA (EPA Method 200.9/GFAA). The Method Reporting Limit (MRL) for the analysis was 5.0 parts per billion (ppb). The EPA's recommended action level for lead in drinking water is 15 ppb.

The laboratory was instructed to analyze the first draw sample from each sink. If the sample revealed lead in concentrations above 15 ppb, the 30-second sample was to be analyzed and then the two-minute sample, if necessary. Lead was not detected above 15 ppb in any of the samples. Please refer to Appendix F for laboratory results.

4.2.9 Additional Hazard Observations

No additional hazards were observed on the Site.

4.2.10 Asbestos-Containing Materials (ACM)

In accordance with the Scope of Services, NAC has conducted a limited asbestos survey at the Property. The objective of this limited asbestos survey was to identify the most apparent materials for sampling and analysis to determine the presence of asbestos containing material (ACM). The survey consisted of noting observable materials (materials that are readily accessible and visible in areas accessed by the inspector) that are commonly known to potentially contain asbestos. The limited asbestos survey was not designed to discover all sources of asbestos at the Property. Rather, it was primarily designed to assess the presence of friable and damaged non-friable ACM in the most significant (significant due to quantity, accessibility, or condition) potential asbestos sources observed at the Property. Additional sampling may be warranted should the user's objectives change.

Based on the date of construction (1972 and 1974 for the older portions of the building), there is a potential that ACM was used in construction materials. In addition, the Occupational Safety and Health Administration (OSHA) regulation 29 CFR 1926.1101, requires certain construction materials to be *presumed* to contain asbestos, for purposes of this regulation. All thermal system insulation (TSI), surfacing material, and asphalt/vinyl flooring that are present in a building constructed prior to 1981 and have not been appropriately tested are presumed asbestos containing material (PACM).

A visual inspection and sampling survey was conducted to determine the presence of suspect ACM. With the exception of the Little General Playhouse and two vacant units, all areas were accessed for the purposes of material identification and sampling.

An initial building walkthrough was conducted to determine the presence of suspect materials that were accessible and/or exposed. Materials that were similar in general appearance were grouped into homogeneous sampling areas. During NAC's limited survey of the subject buildings for suspect asbestos containing materials (ACMs), potential asbestos-containing materials were not identified because the older portions of the shopping center have been recently renovated.

A limited asbestos survey was performed as part of a previous Phase I assessment of the Property. Based on the results of this earlier survey, asbestos was found in floor tile and mastic adhesive in the rear storage area of the main building of the shopping center (former Winn-Dixie location). Roofing materials were also assumed to be asbestos-containing due to the age of the building. The floor tile and mastic material was not observed by NAC during the site reconnaissance.

According to the EPA, ACM and PACM that is intact and in good condition can, in general, be managed safely in-place under an Operations and Maintenance (O&M) program until removal is dictated by renovation, demolition, or deteriorating material condition. Prior to any disturbance of the construction materials within this facility, a comprehensive ACM survey is recommended.

4.2.11 Radon

The US EPA has prepared a map to assist National, State, and local organizations to target their resources and to implement radon-resistant building codes. The map divides the country into three Radon Zones, Zone 1 being those areas with the average predicted indoor radon concentration in residential dwellings exceeding the EPA Action limit of 4.0 picoCuries per Liter (pCi/L). It is important to note that the EPA has found homes with elevated levels of radon in all three zones, and the EPA recommends site specific testing in order to determine radon levels at a specific location. However, the map does give a valuable indication of the propensity of radon gas accumulation in structures. Review of the EPA Map of Radon Zones places the Property in Zone 1, where average predicted radon levels exceed 4.0 pCi/L.

Based on the non-residential use and concrete slab-on-grade construction, radon gas is not considered a recognized environmental condition at the subject Property.

4.2.12 Lead-Based Paint

Due to the property usage (commercial), the Client did not request lead-based paint screening. Furthermore, all painted surfaces were observed to be in good condition with no signs of peeling or flaking.

5.0 INTERVIEWS

Interviews were conducted with the following individuals. Findings from these interviews are discussed in the appropriate sections in this report.

Site

- John Jefferson, Designated Site Contact, 770-754-4300
- Mr. Ran Patel, owner of TLC Cleaners, 770-565-7588

Surrounding Area

- Cobb County Planning and Zoning, 770-528-2004
- Cobb County Development and Inspections, Permitting Division, 770-528-2061
- Marietta Water, 770-794-5230
- Marietta Power Control Center, 770-794-5150

Regulatory Officials

- Cobb County Emergency Management Agency, 770-499-4568
- Cobb County Health Department, Environmental Health, 770-435-7815
- Georgia Environmental Protection Division, UST Program, 404-362-2687

6.0 FINDINGS AND CONCLUSIONS

6.1 Findings

6.1.1 On-Site Environmental Conditions

No on-site environmental conditions were identified during the course of this assessment.

6.1.2 Off-Site Environmental Conditions

No off-site environmental conditions were identified that were considered likely to impact the Property.

6.1.3 Previously Resolved Environmental Conditions

The western unit of the Property building has been utilized for conventional dry cleaning purposes from approximately 1989 to the present. Based on the results of a previous Phase II assessment, low concentrations of contamination were detected in soil and groundwater and reported to the Georgia Environmental Protection Division (EPD). The EPD determined that the release did not exceed a "reportable quantity" and therefore the site was not placed on the State's Hazardous Site Inventory.

A nearby LUST site, the Circle K at 2020 Lower Roswell Road, has had four suspected releases. Based on information provided to the Georgia Environmental Protection Division, no action was taken on a suspected release in 1998. Circle K reported that the two suspected releases in 1999 were "resolved" (meaning their investigation indicated no release of regulated product). A Phase II Assessment performed at the Property in 1999 found no indications of benzene, toluene, ethylbenzene, and total xylene (BTEX) or polynuclear aromatic hydrocarbons (PAHs) in groundwater samples taken from the northwest portion of the Property. A confirmed release was reported on June 25, 2001. According to the EPD, groundwater monitoring at the site indicated contamination. The EPD has requested a Corrective Action Plan from Circle K regarding this release. Since the site is cross-gradient with respect to the Property, it is not considered to be a Recognized Environmental Condition (REC).

6.1.4 De Minimis Environmental Conditions

No *de minimis* environmental conditions were identified in connection with the Property during the course of this assessment.

6.2 Opinion

No adverse environmental conditions that are considered likely to impact the Property were identified during this assessment

6.3 Conclusions

NAC has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-00 of 2058/2060 Lower Roswell Road, Marietta, Georgia 30067, the Property. Any exceptions to, or deletions from, this practice are described in Section 1.4 of this report.

This assessment has revealed no evidence of recognized environmental conditions in connection with the Property, except for the following:

- The western unit of the Property building has been utilized for conventional dry cleaning purposes from approximately 1989 to the present. Based on the results of a previous Phase II assessment, low concentrations of soil and groundwater contamination were identified and reported to the Georgia Environmental Protection Division (EPD). The EPD determined that the release did not exceed a reportable quantity and therefore the site was not placed on the State's Hazardous Site Inventory.
- A limited asbestos survey was performed as part of a previous Phase I assessment of the Property. Based on the results of the survey, asbestos was found in floor tile and mastic adhesive in the rear storage area of the main building of the shopping center (former Winn-Dixie location). The roofing materials were also assumed to be asbestos-containing. During NAC's limited survey of the subject buildings for suspect asbestos containing materials (ACMs), potential asbestos-containing materials (other than roofing materials) were not identified because the older portions of the shopping center have been recently renovated.
- NAC conducted a limited survey for lead in drinking water. NAC collected drinking water samples from two occupied units on the Property using the first draw, 30-second purge, and two-minute purge protocol. The samples were analyzed by USEPA Method 200.9/GFAA for total lead concentration. According to the analytical results, lead above the USEPA action level of 15 ppb (0.015 mg/L or 15 ug/L) was not detected in either of the first draw samples; therefore, the 30-second and two-minute samples were not analyzed. The laboratory results are provided in Appendix F.

This assessment has revealed no other evidence of recognized environmental conditions or associated issues in connection with the Property.

6.4 Recommendations

Based on the findings of this ESA, NAC recommends the following:

- An Operations and Maintenance (O&M) Program should be implemented in order to manage the suspect asbestos-containing material located at the Property.
- Prior to any planned remodeling or demolition, a comprehensive survey for asbestos-containing materials should be conducted. Removal of identified ACMs, including the preparation of specifications, should be conducted by a licensed asbestos abatement contractor and/or Certified Asbestos Consultant, according to applicable regulations.

6.5 Deviations

This Phase I ESA substantially complies with the scope of services and ASTM 1527-00, as amended, except for exceptions and/or limiting conditions as discussed in Section 1.4.

7.0 REFERENCES

Reports, Plans, and Other Documents Reviewed:

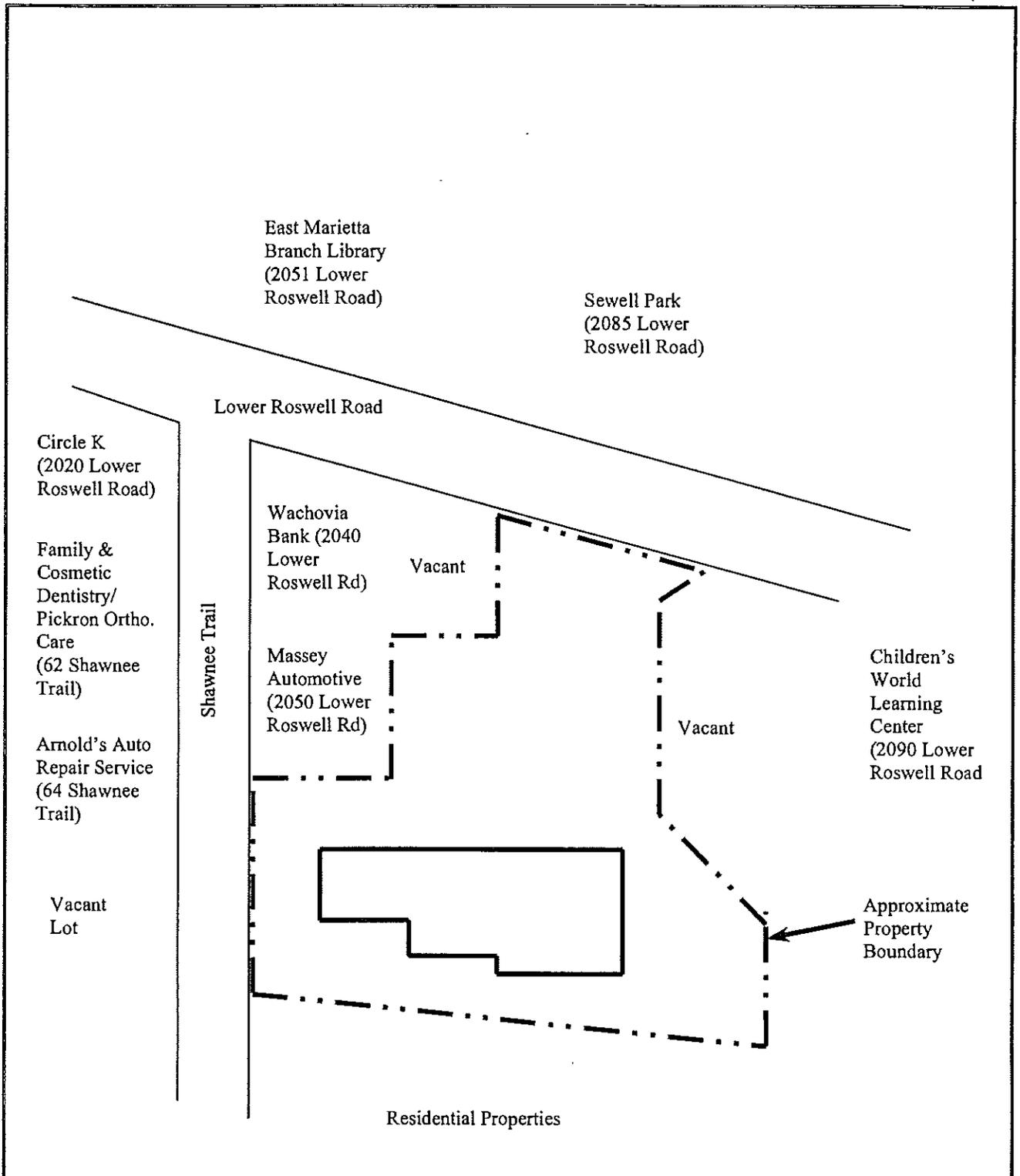
- American Society for Testing and Materials, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, ASTM Designation: E 1527-2000.
- Federal Emergency Management Agency, Federal Insurance Administration, National Flood Insurance Program, Flood Insurance Map, *Map Number 13067C0055 F*, August 18, 1992.
- Georgia Geologic Survey, *Geology of the Greater Atlanta Region*, Bulletin 96, 1984.
- Georgia Geologic Survey, *Ground Water in the Greater Atlanta Region, Georgia*, Information Circular 63, 1983.
- United States Department of Agriculture, Natural Resources Conservation Service, Aerial Photographs dated 1986 and 1955, Marietta Field Office.
- United States Department of Agriculture, Soil Conservation Service, *Soil Survey of Cobb County, Georgia*, December 1973
- United States Geological Survey, *TerraServer Aerial Photograph dated February 27, 1993*, accessed via the Internet, July 2002.
- United States Geological Survey, *EPA Map of Radon Zones (Document EPA-402-R-93-071)*, accessed via the Internet, July 2002.
- United States Geological Survey Topographic Map, 7.5 minute series, *Sandy Springs, GA Quadrangle*, scale 1:24,000, U.S. Geological Survey, Denver, Colorado, 1997.
- Environmental Data Resources, Inc., 3530 Post Road, *The EDR Radius Map Report*, Inquiry Number 807914.1s, July 1, 2002.

Agencies Contacted:

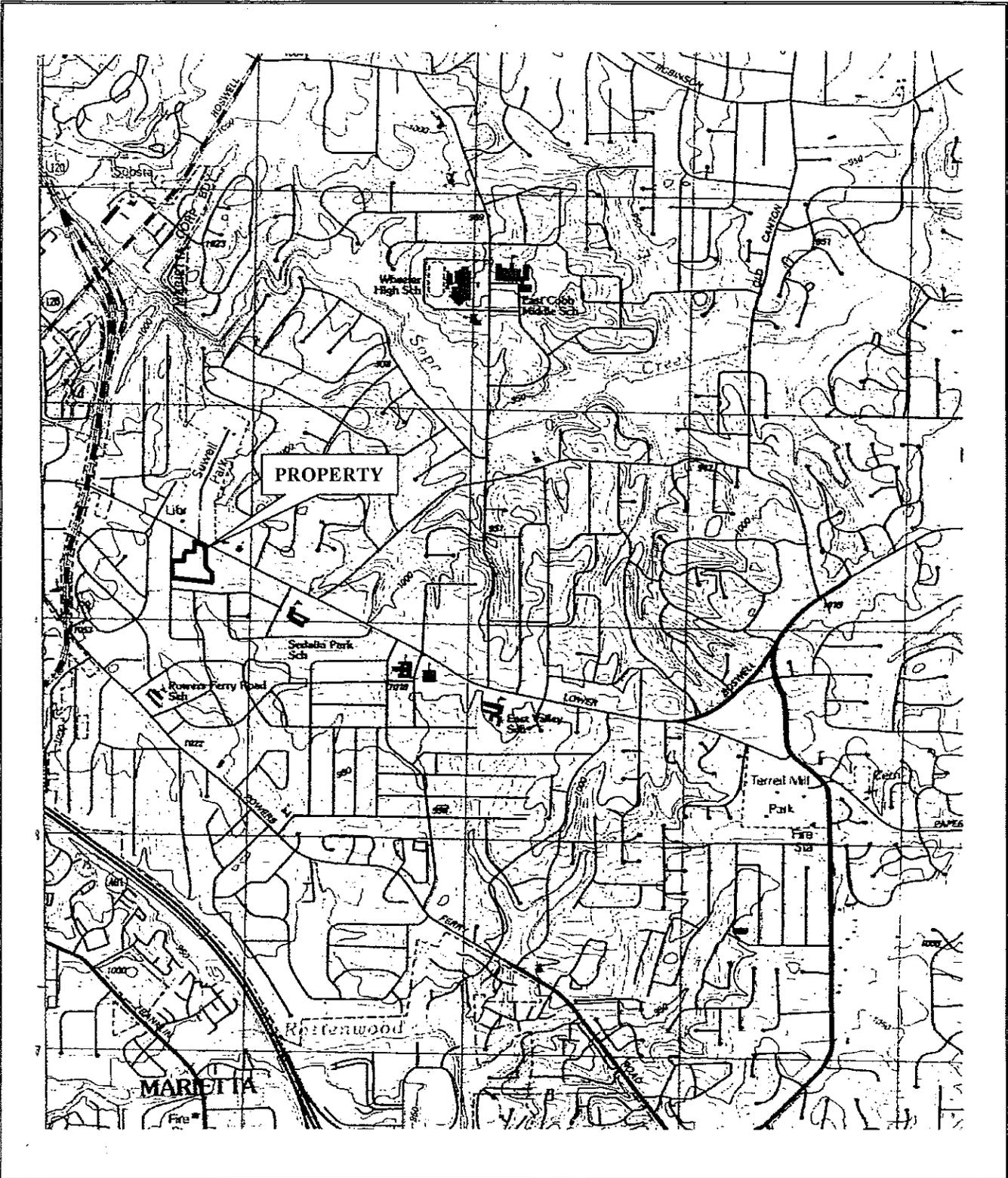
- Cobb County Planning and Zoning, 770-528-2004.
- Cobb County Development and Inspections, Permitting Division, 770-528-2061.
- Marietta Water, 770-794-5230.
- Marietta Power, 770-794-5150.
- Cobb County Emergency Management Agency, 770-499-4568.
- Cobb County Health Department, Environmental Health, 770-435-7815.
- Georgia Environmental Protection Division, UST Program, 404-362-2687.

FIGURES

**SITE VICINITY MAP
SITE PLAN
SITE TOPOGRAPHIC MAP**



<p>NATIONAL ASSESSMENT CORPORATION 965 PIEDMONT ROAD, N.E., SUITE 100A MARIETTA, GEORGIA 30066 (678) 581-2518</p>	<p>SITE PLAN</p>	<p>N↑</p>
<p>NAC PROJECT NO. 02-10010.1</p>	<p>SITE NAME: New Market Center Legend: Drawing NOT to SCALE</p>	



NATIONAL ASSESSMENT CORPORATION
 965 PIEDMONT ROAD, N.E., SUITE 100A
 MARIETTA, GEORGIA 30066
 (678) 581-2518

TOPOGRAPHIC MAP

Source: U.S.G.S. 7.5 Minute Topographic Map
 Sandy Springs, GA, Quadrangle, 1997



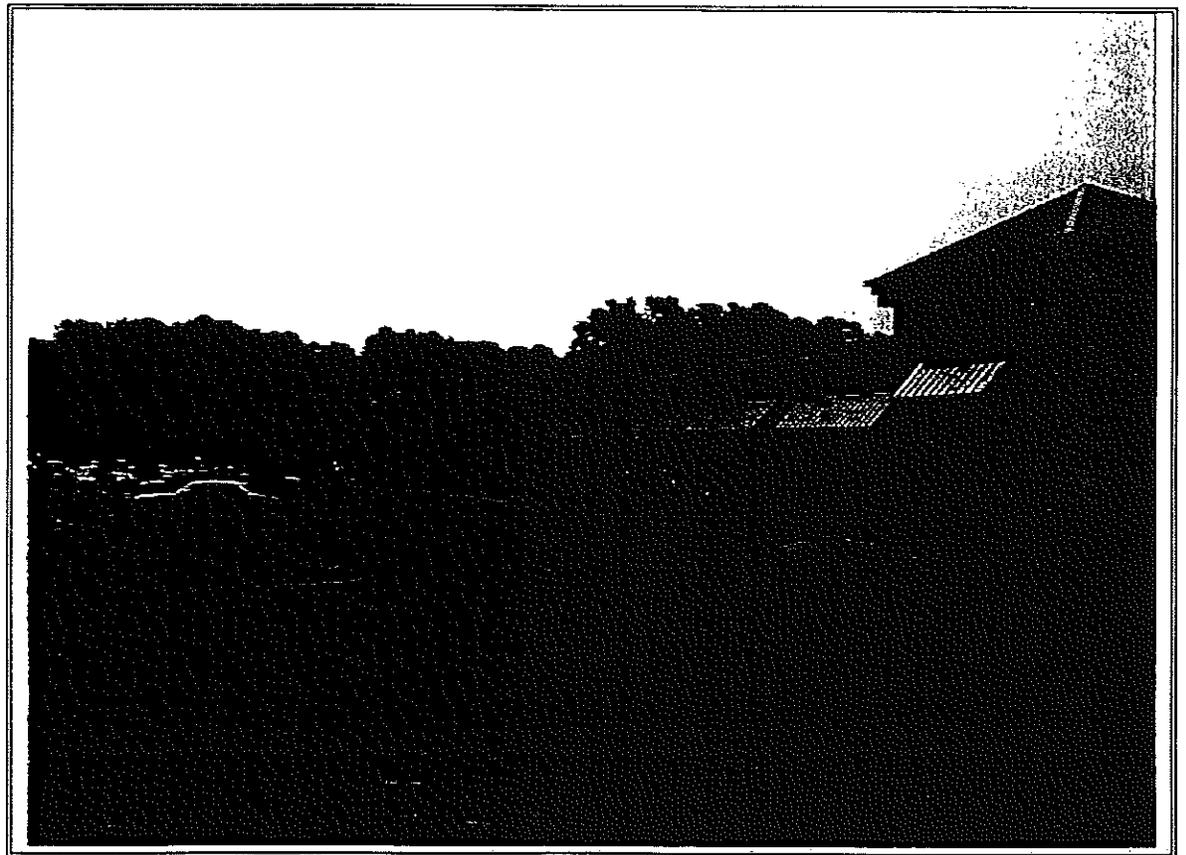
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APPENDIX A
SITE PHOTOGRAPHS

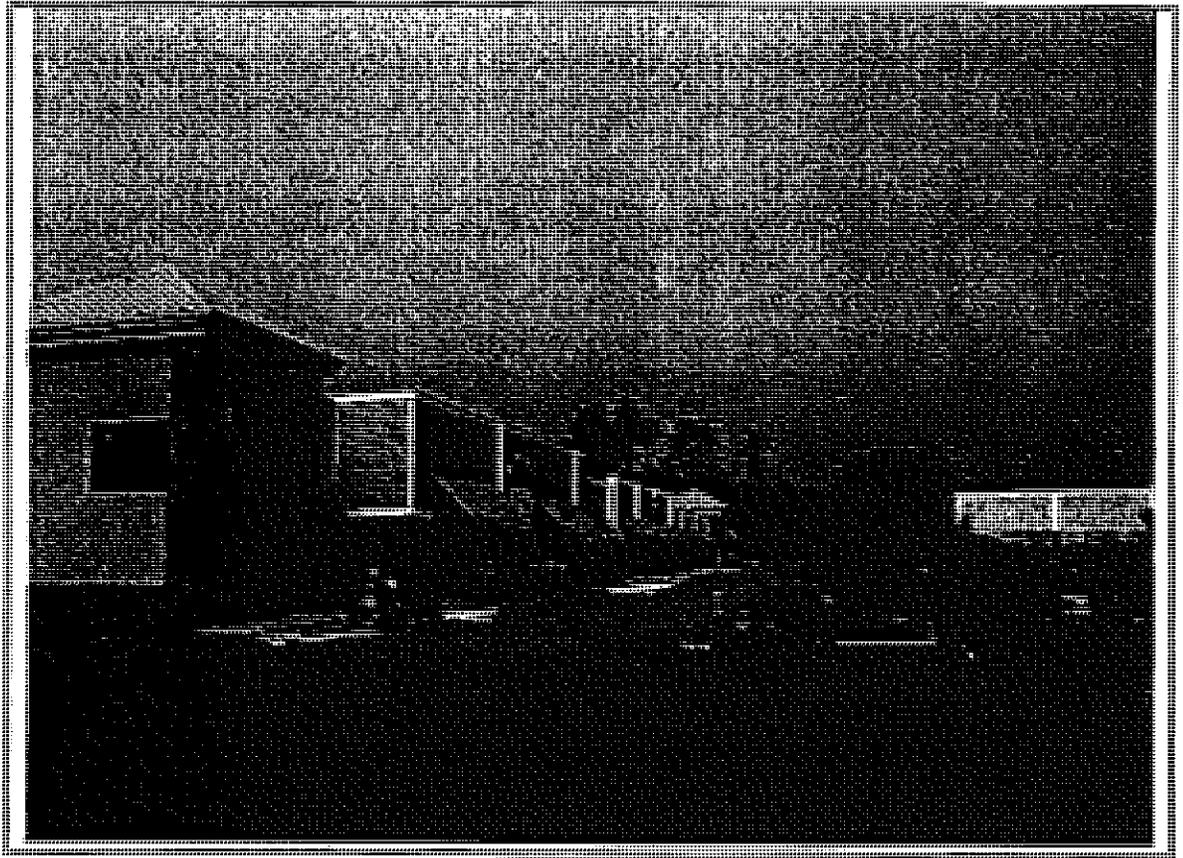
PHOTOGRAPH LOG	
PHOTOGRAPH NUMBER	PHOTOGRAPH REVIEW AND COMMENTS
1	View of the subject Property, looking south
2	View of the subject Property, looking east
3	View of the subject Property, looking west
4	View of the subject Property, looking north
5	View of the adjacent property to the north (East Marietta Branch Library)
6	View of the adjacent property to the north (Sewell Park)
7	View of the adjacent property to the east (Children's World Learning Center)
8	View of the adjacent property to the west (undeveloped tract)
9	View of the adjacent property to the west (Arnold's Auto Repair Service)
10	View of the adjacent property to the west (Dental Offices)
11	View of the adjacent property to the west (Circle K)
12	View of the shopping center west outparcel (Massey Automotive)
13	View of the shopping center northwest outparcel (Wachovia Bank)
14	View of the interior of New Horizons Computer Learning Centers
15	View of the interior of Options Salon
16	View of the interior of All Star Pizza
17	View of the interior of Gold's Gym
18	View of the interior of Comunidade Evangelica Sara Nossa Terra (Brazilian Church)
19	View of the interior of TLC Cleaners showing the dry cleaning machine
20	View of the interior of TLC Cleaners showing the chemical storage drum area
21	View of a pad-mounted transformer located on the west side of the Property
22	View of pole-mounted transformers located at the rear of the shopping center
23	View of typical dumpsters located at the rear of the shopping center
24	View of a grease collection tank and dumpster located at the rear of the shopping center



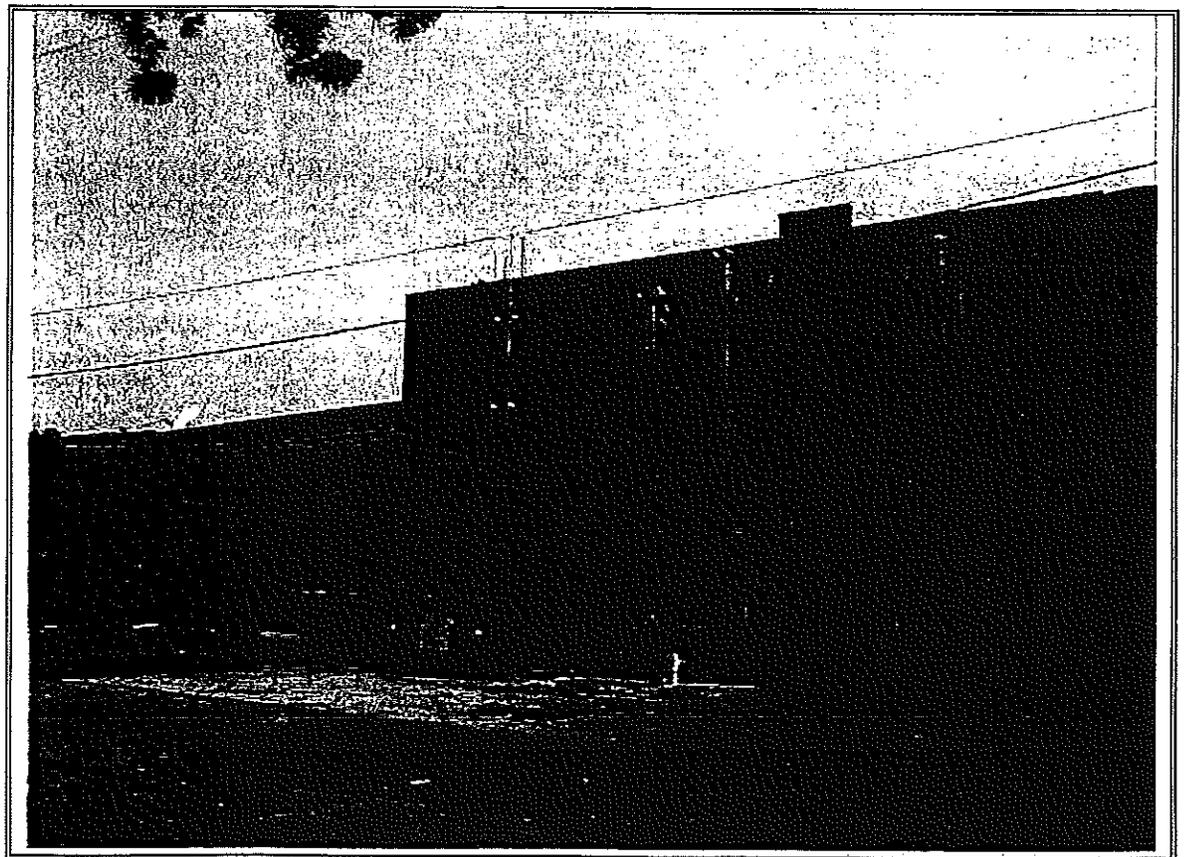
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Photograph Number 2



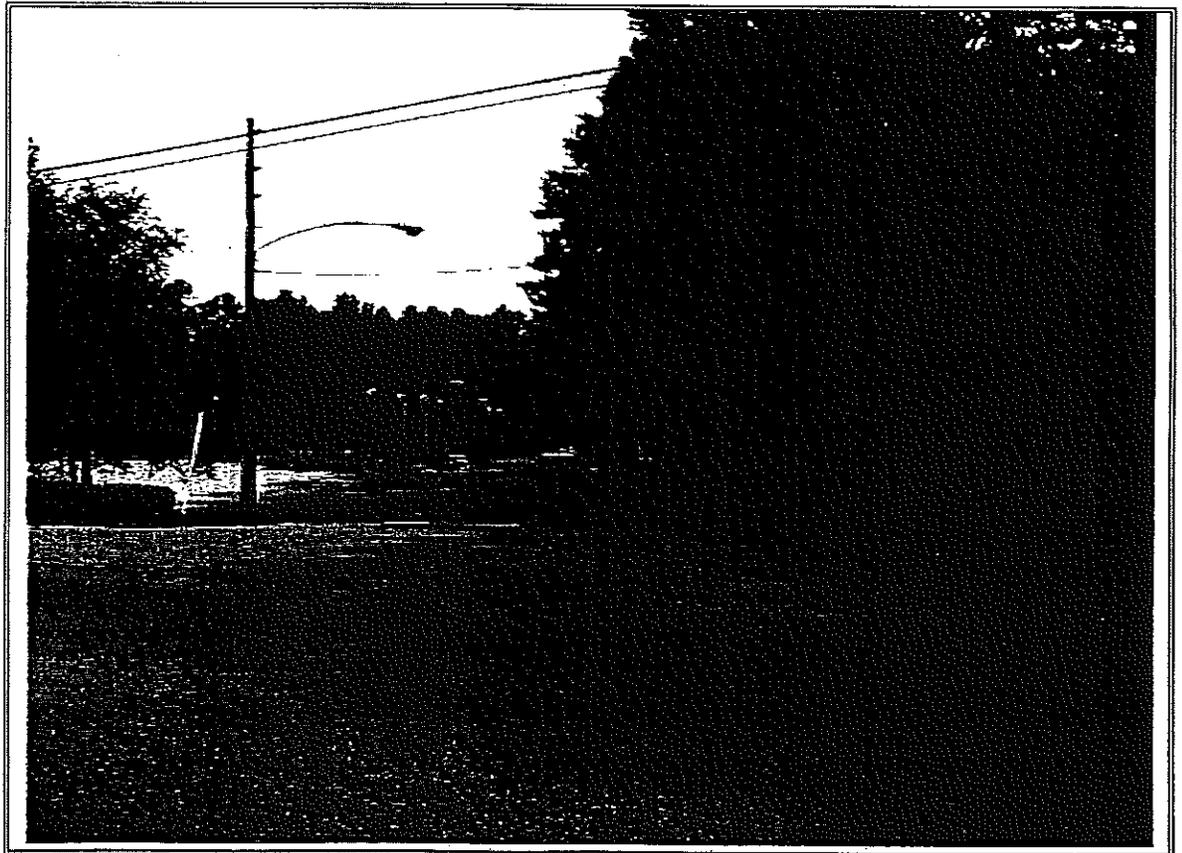
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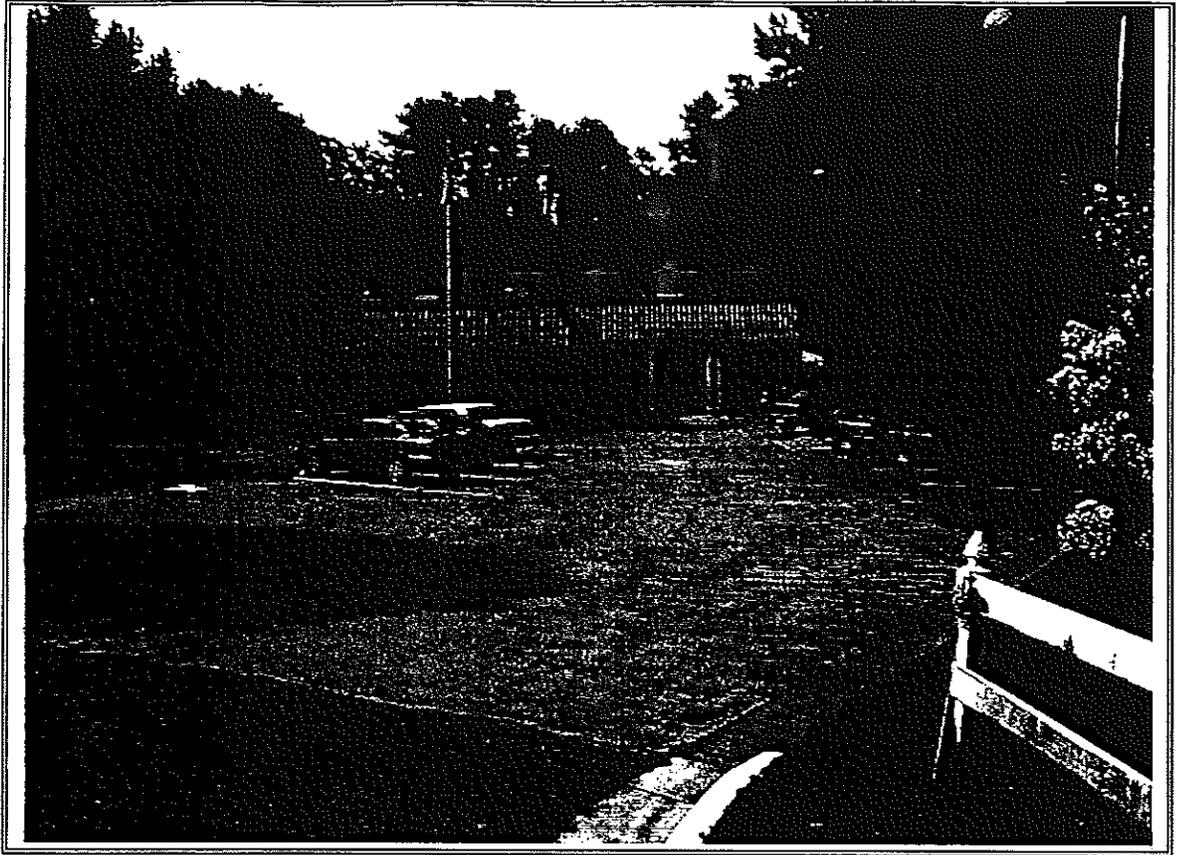
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Photograph Number 5



Photograph Number 6



Photograph Number 7



Photograph Number 8



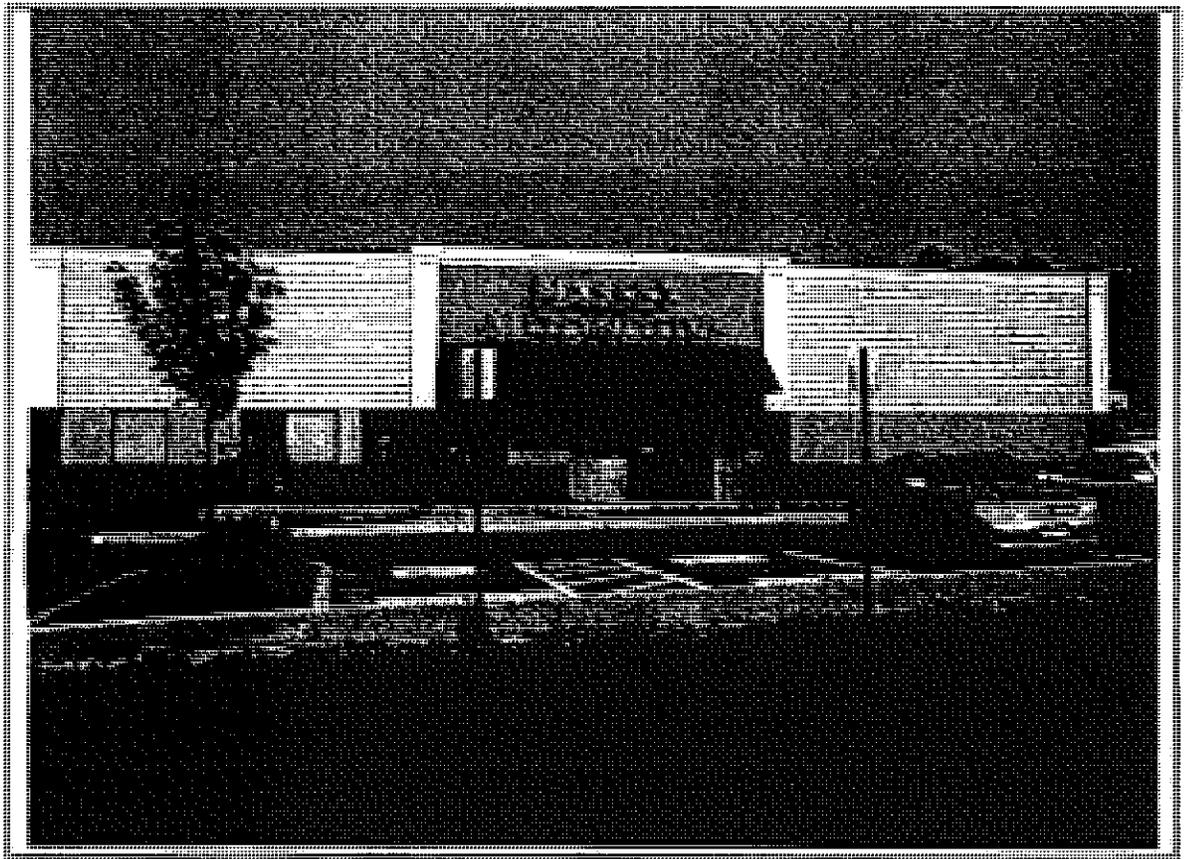
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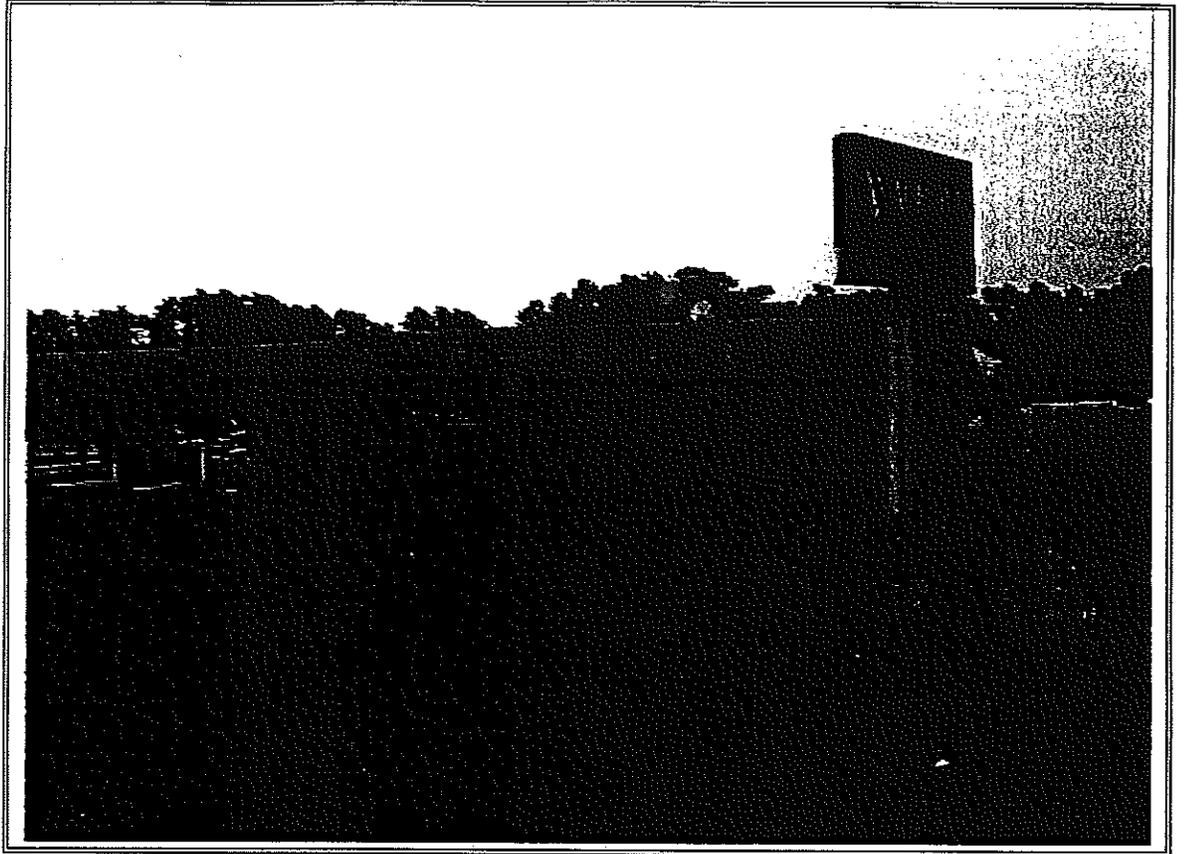
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Photograph Number 11



Photograph Number 12



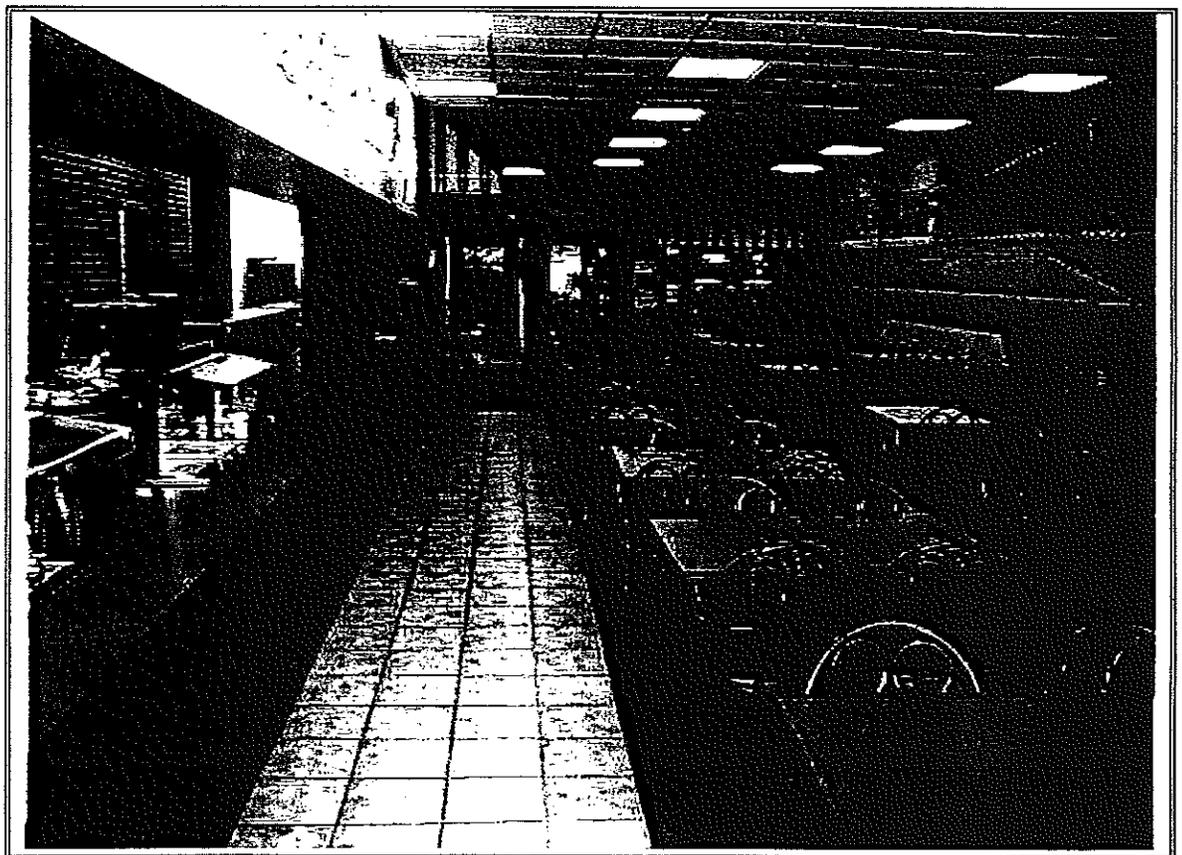
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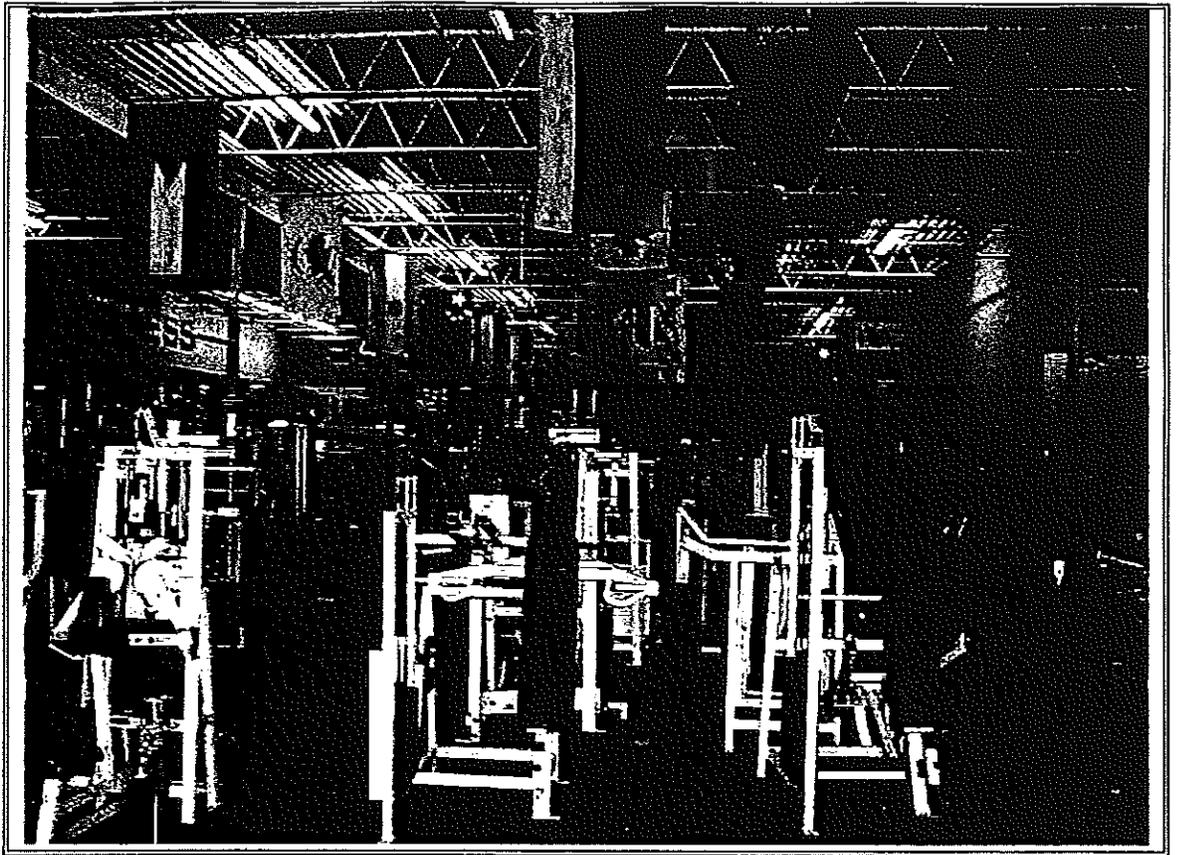
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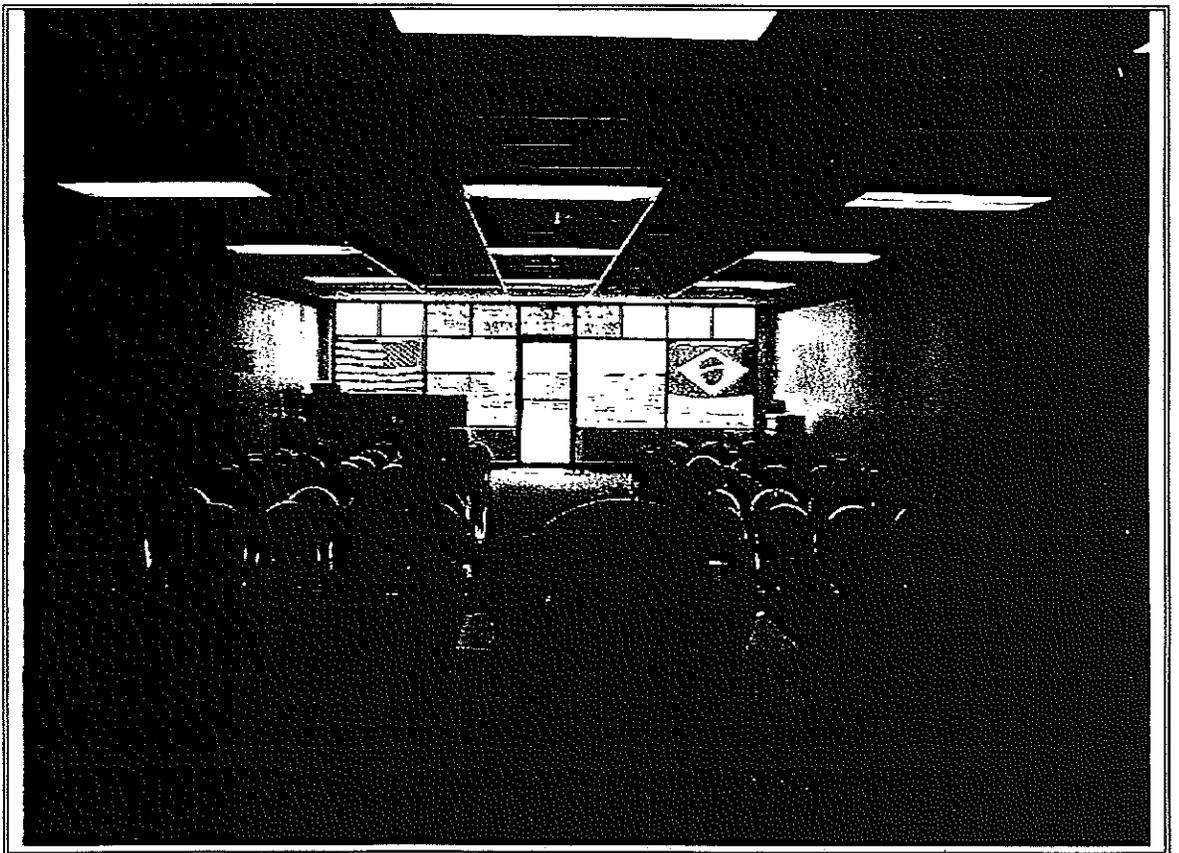
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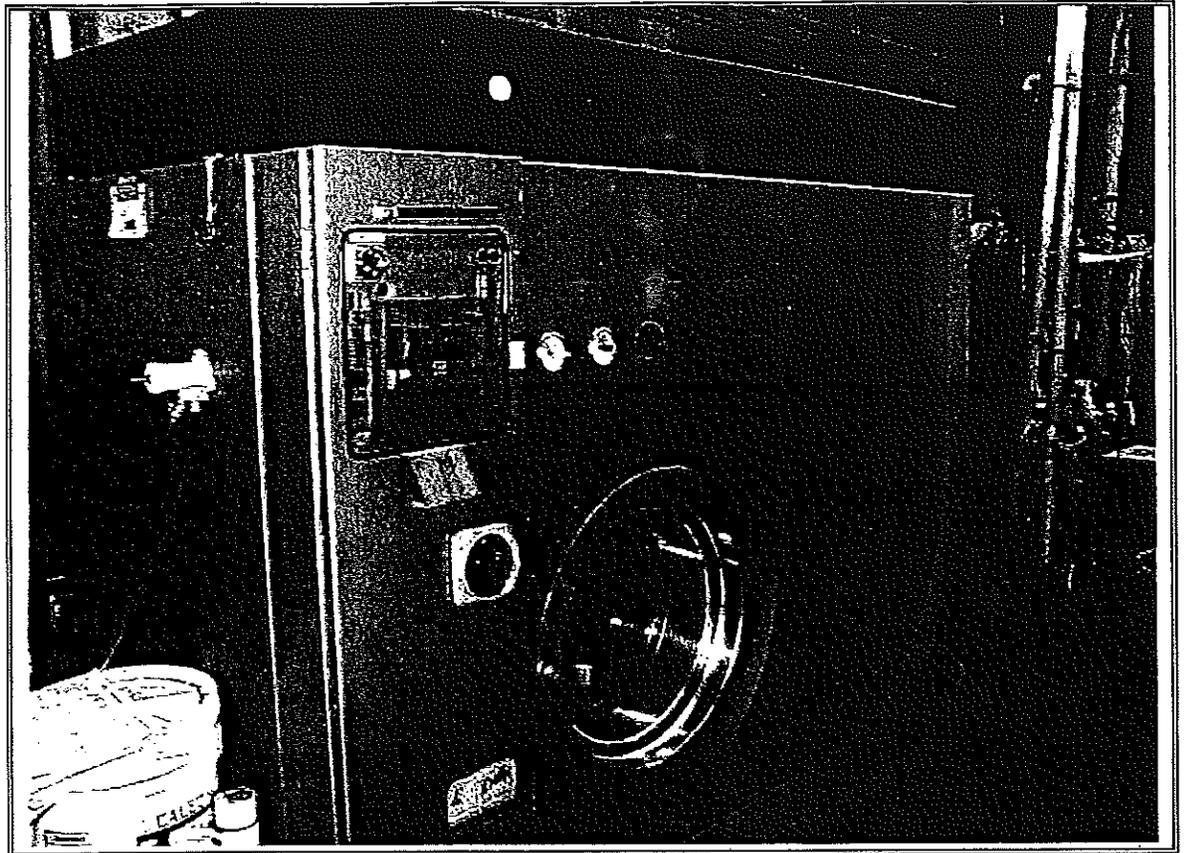
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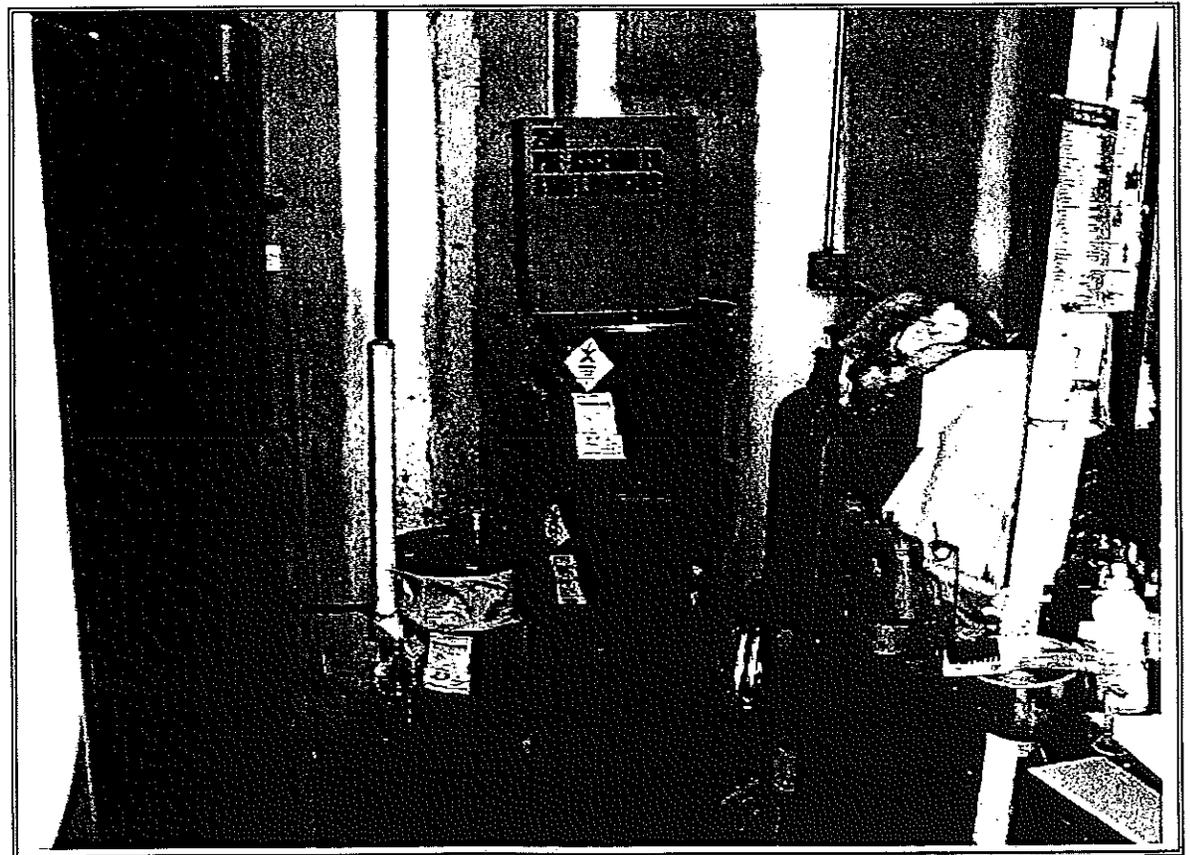
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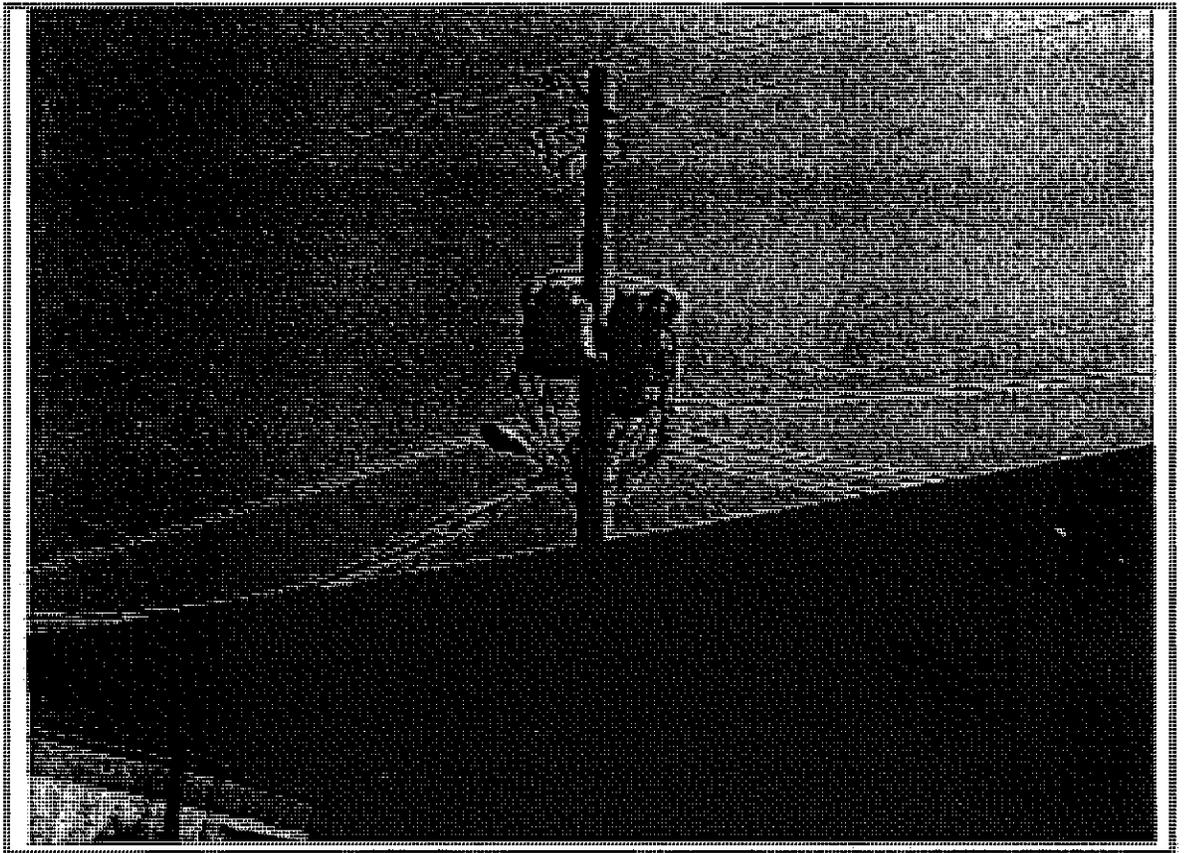
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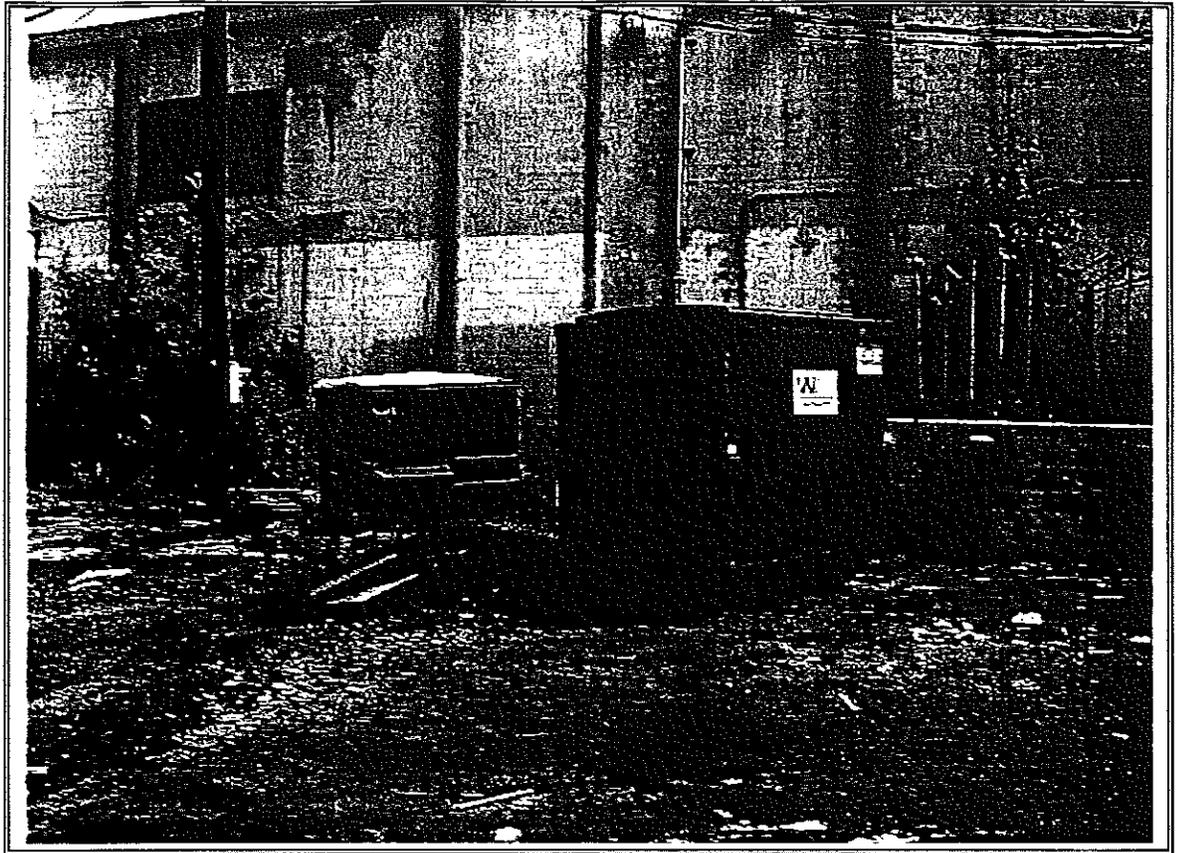
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Photograph Number 21



Photograph Number 22



Photograph Number 23



Photograph Number 24

APPENDIX B

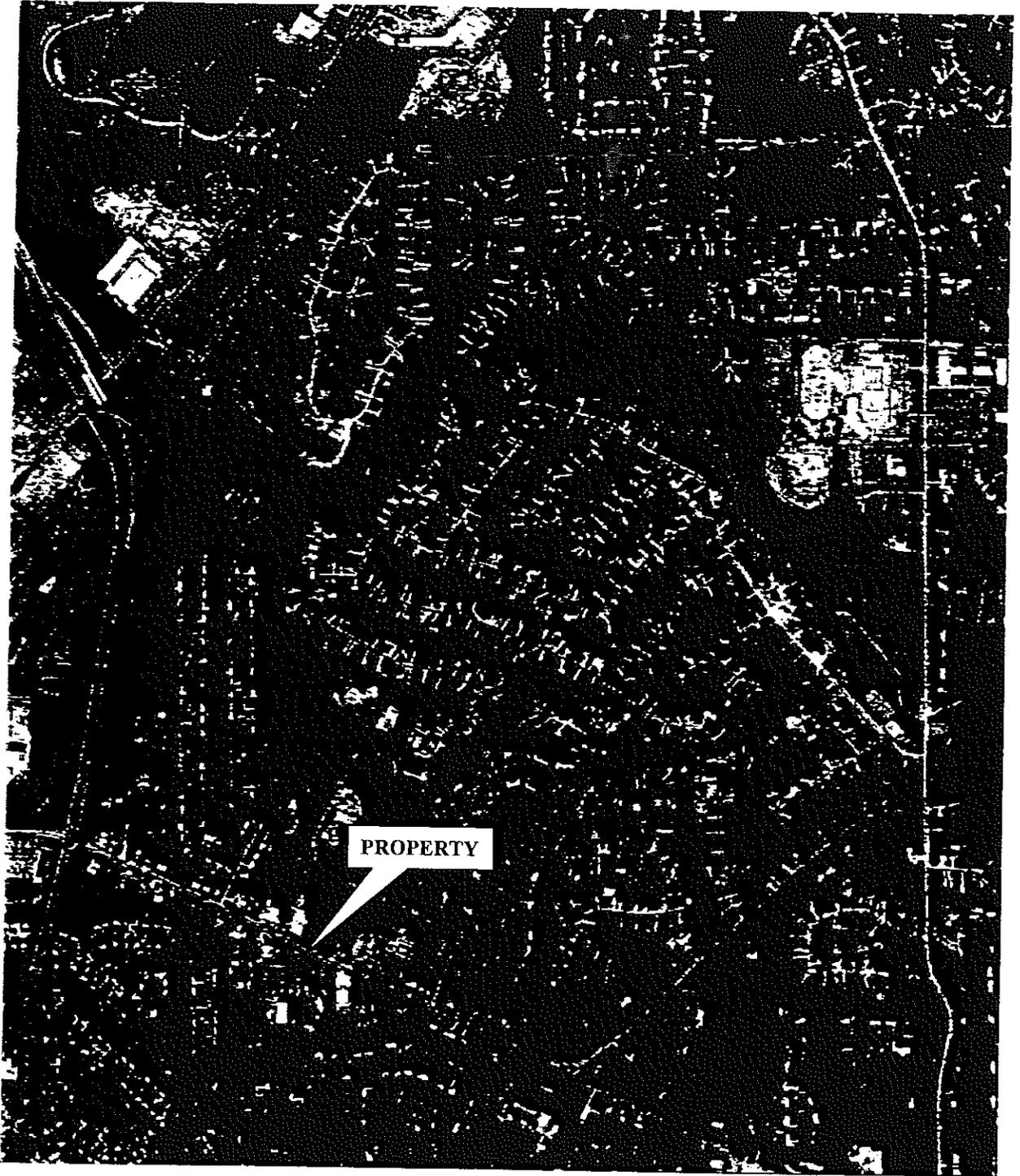
HISTORICAL RESEARCH DOCUMENTATION

EXHIBIT B-1

AERIAL PHOTOGRAPHS



<p>NATIONAL ASSESSMENT CORPORATION 965 PIEDMONT ROAD, N.E., SUITE 100A MARIETTA, GEORGIA 30066 (678) 581-2518</p>	<p>AERIAL PHOTOGRAPH</p>	<p>↑ N</p>
<p>NAC Project No. 02-10010.1</p>	<p>Scale: 1" = 1667' Date: 1955 Photo ID No.: JL-5P-85 Source: NRCS</p>	



NATIONAL ASSESSMENT CORPORATION
965 PIEDMONT ROAD, N.E., SUITE 100A
MARIETTA, GEORGIA 30066
(678) 581-2518

AERIAL PHOTOGRAPH



NAC Project No. 02-10010.1

Scale: 1" = 1000'
Date: 1986
Photo ID No.: 982
Source: NRCS

EXHIBIT B-2

FIRE INSURANCE MAPS



NATIONAL ASSESSMENT CORPORATION
965 PIEDMONT ROAD, N.E., SUITE 100A
MARIETTA, GEORGIA 30066
(678) 581-2518

AERIAL PHOTOGRAPH



NAC Project No. 02-10010.1

Scale: 1" = 320'
Date: February 27, 1993
Photo ID No.: None
Source: USGS Terraserver



"Linking Technology with Tradition"

Sanborn® Map Report

Ship to: Chandra Barton

National Assessment Corp.

8613 Roswell Road

Atlanta, GA 30350

Order Date: 7/1/2002

Inquiry #: 807914.2S

P.O. #: 02-10010.1

Site Name: New Market Center

Address: 2058 Lower Roswell Road

City/State: Marietta, GA 30067

Completion Date: 07/02/2002

6105643TMP

770-641-0787

Cross Streets:

This document reports that the largest and most complete collection of Sanborn fire insurance maps has been reviewed based on client-supplied information, and fire insurance maps depicting the target property at the specified address were not identified.

NO COVERAGE

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APPENDIX C
REGULATORY RECORDS DOCUMENTATION

EXHIBIT C-1

MAPPED DATABASE REPORT



The EDR Radius Map™ Report

Project: 02-10010.1

**New Market Center
2058 Lower Roswell Road
Marietta, GA 30068**

Inquiry Number: 807914.1s

July 01, 2002

The Source For Environmental Risk Management Data

3530 Post Road
Southport, Connecticut 06490

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

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Government Records Searched/Data Currency Tracking.....	GR-1
Topographic Map.....	TM-1

GEOCHECK ADDENDUM

GeoCheck - Not Requested

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

2058 LOWER ROSWELL ROAD
MARIETTA, GA 30068

COORDINATES

Latitude (North): 33.949400 - 33° 56' 57.8"
Longitude (West): 84.492200 - 84° 29' 31.9"
Universal Transverse Mercator: Zone 16
UTM X (Meters): 731760.4
UTM Y (Meters): 3759185.0

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 2433084-H4 SANDY SPRINGS, GA
Source: USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

NPL..... National Priority List
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP..... CERCLIS No Further Remedial Action Planned
CORRACTS..... Corrective Action Report
RCRIS-TSD..... Resource Conservation and Recovery Information System
RCRIS-LQG..... Resource Conservation and Recovery Information System
RCRIS-SQG..... Resource Conservation and Recovery Information System
ERNS..... Emergency Response Notification System

STATE ASTM STANDARD

SHWS..... Hazardous Site Inventory
SWF/LF..... Solid Waste Disposal Facilities

EXECUTIVE SUMMARY

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS 1 degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. EDR's definition of a site with an elevation equal to the target property includes a tolerance of +/- 10 feet. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property (by more than 10 feet). Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STATE ASTM STANDARD

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Natural Resources' Confirmed Release List.

A review of the LUST list, as provided by EDR, and dated 03/14/2002 has revealed that there are 3 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>CIRCLE K STORE #5268</i>	<i>2020 LOWER ROSWELL RD</i>	<i>0 - 1/8 WNW 1</i>		<i>5</i>
<i>EXXON #40513</i>	<i>1912 LOWER ROSWELL RD</i>	<i>1/4 - 1/2 WNW 2</i>		<i>6</i>
<i>FORMER EXXON SERVICE STATION</i>	<i>1784 LOWER ROSWELL RD</i>	<i>1/4 - 1/2 WNW 3</i>		<i>8</i>

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Natural Resources' Underground Storage Tank Database.

A review of the UST list, as provided by EDR, and dated 04/11/2001 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>CIRCLE K STORE #5268</i>	<i>2020 LOWER ROSWELL RD</i>	<i>0 - 1/8 WNW 1</i>		<i>5</i>

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

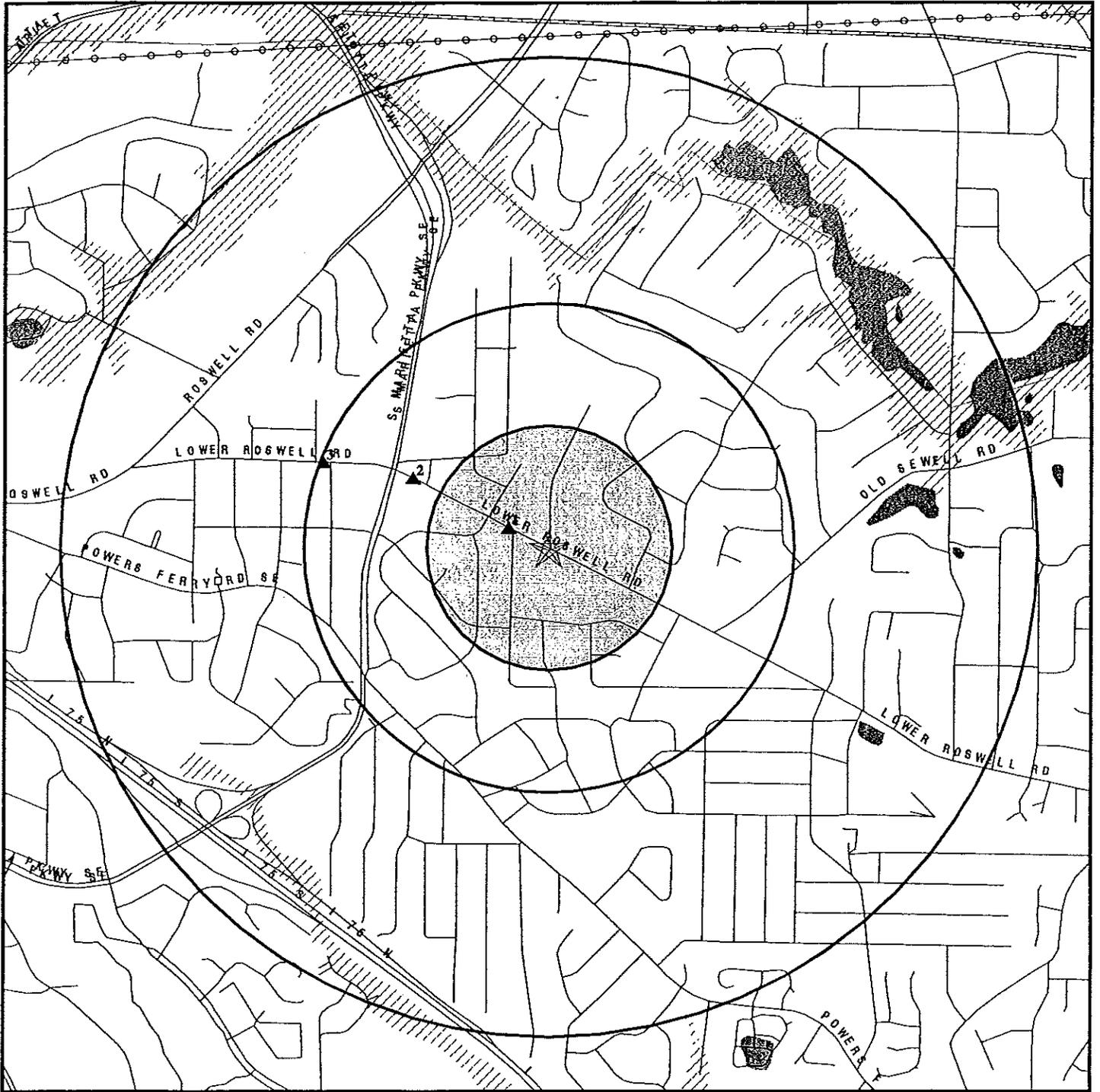
Site Name

Database(s)

COBB CO-CHEATHAM RD PH 2 (SL)
COBB CO-COUNTY FARM RD #2 PHS 1-2-3
ECONO LUBE N TUBE # 189
EXXON RAS 40513

SWF/LF
SWF/LF
RCRIS-SQG
RCRIS-SQG

OVERVIEW MAP - 807914.1s - National Assessment Corp.



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites
- ▨ National Priority List Sites
- ▩ Landfill Sites

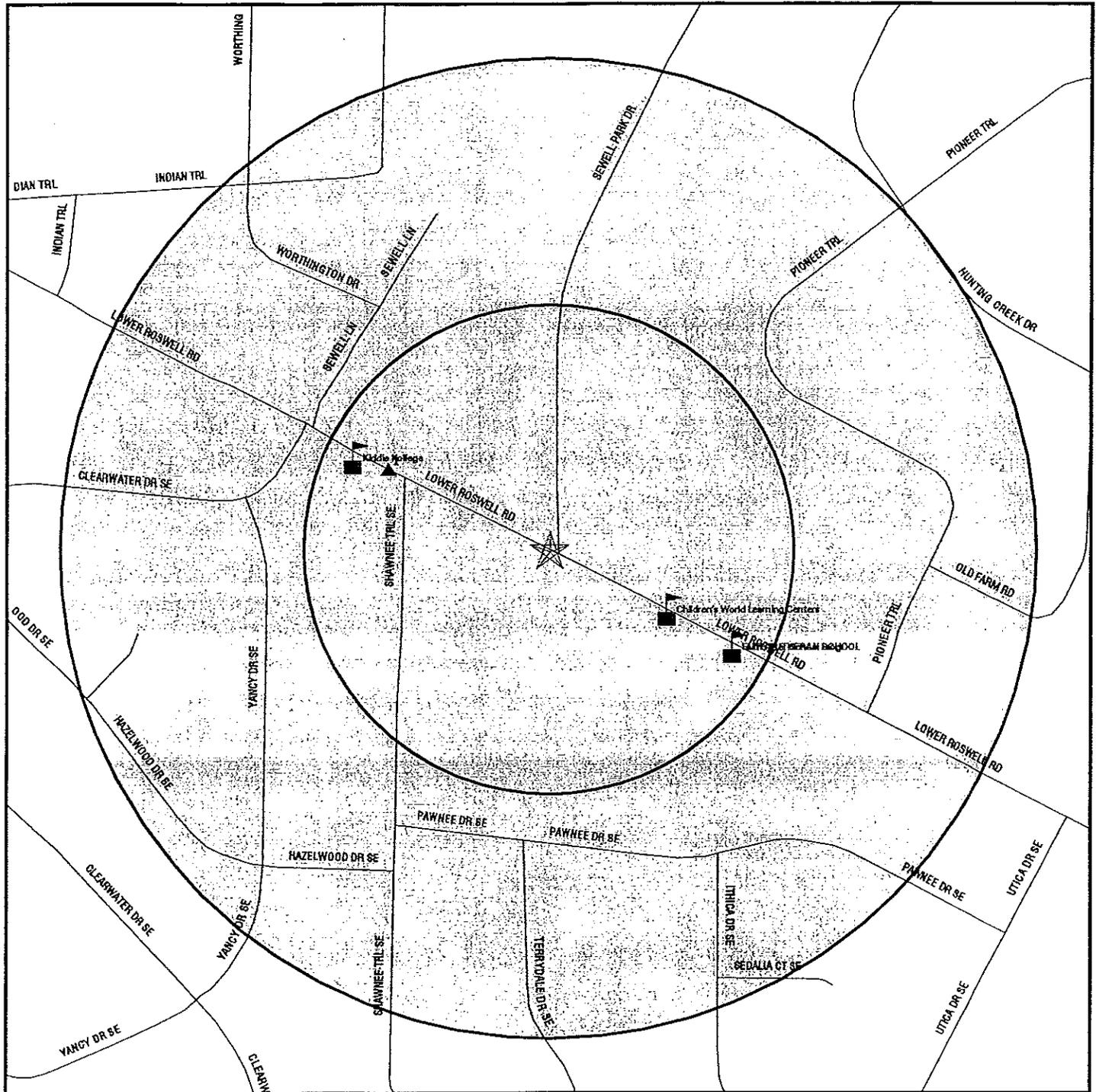
- Power transmission lines
- Oil & Gas pipelines
- ▨ 100-year flood zone
- ▩ 500-year flood zone
- Wetlands



TARGET PROPERTY: New Market Center
ADDRESS: 2058 Lower Roswell Road
CITY/STATE/ZIP: Marietta GA 30068
LAT/LONG: 33.9494 / 84.4922

CUSTOMER: National Assessment Corp.
CONTACT: Chandra Barton
INQUIRY #: 807914.1s
DATE: July 01, 2002 6:39 pm

DETAIL MAP - 807914.1s - National Assessment Corp.



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites
- ♣ Sensitive Receptors
- National Priority List Sites
- Landfill Sites

- ~ Power transmission lines
- ~ Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone



TARGET PROPERTY: New Market Center ADDRESS: 2058 Lower Roswell Road CITY/STATE/ZIP: Marietta GA 30068 LAT/LONG: 33.9494 / 84.4922	CUSTOMER: National Assessment Corp. CONTACT: Chandra Barton INQUIRY #: 807914.1s DATE: July 01, 2002 6:40 pm
--	---

TAP FINDINGS SUMMARY

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
<u>FEDERAL ASTM STANDARD</u>								
NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRIS-TSD		0.500	0	0	0	NR	NR	0
RCRIS Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRIS Sm. Quan. Gen.		0.250	0	0	NR	NR	NR	0
ERNS		TP	NR	NR	NR	NR	NR	0
<u>STATE ASTM STANDARD</u>								
State Haz. Waste		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
LUST		0.500	1	0	2	NR	NR	3
UST		0.250	1	0	NR	NR	NR	1

TP = Target Property

NR = Not Requested at this Search Distance

* Sites may be listed in more than one database

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

1
WNW
< 1/8
486 ft.
Higher

CIRCLE K STORE #5268
2020 LOWER ROSWELL RD
MARIETTA, GA 30067

LUST **U001475704**
UST **N/A**

LUST:

Facility ID: 0-330398
 Release Date: Not reported

Facility ID: 0-330398
 Release Date: Not reported

Facility ID: 0-330398
 Release Date: Not reported

Facility ID: 0-330398
 Release Date: 6/25/01

UST:

Facility ID:	0330398	Total Tanks:	3
Telephone:	(770) 578-9555	Date Installed:	10/01/86
Tank ID:	1	Date Closed:	Not reported
Capacity:	10000	Age:	14
Status:	Currently in Use	Closed:	No
Inert Material:	Not reported		
Removed:	No		
Product:	Gasoline		
Overfill Protection:	No		
Material:	Lined Interior^Fiberglass/		
Spill Protection:	No		
Tank Release Detection:	Tnk Tightness Testing^A		
Pipe Release Detection:	Auto Line Leak Detector		
Pipe Type Description:	Fiberglass/Plastic		
Non-eligible:	No		
Fed Regulated Tank:	Yes		
Tank Last Used:	No		
Owner:	CIRCLE K STORES, INC		
	PO BOX 52084		
	PHOENIX, AZ 85072		
Owner County:	MARICOPA		
Owner Phone	(602) 437-0600		
Impress Current Installed	Not reported		
Galvanic System Installed	Not reported		

Facility ID:	0330398	Total Tanks:	3
Telephone:	(770) 578-9555	Date Installed:	10/01/86
Tank ID:	2	Date Closed:	Not reported
Capacity:	10000	Age:	14
Status:	Currently in Use	Closed:	No
Inert Material:	Not reported		
Removed:	No		
Product:	Gasoline		
Overfill Protection:	No		
Material:	Lined Interior^Fiberglass/		
Spill Protection:	No		
Tank Release Detection:	Tnk Tightness Testing^A		
Pipe Release Detection:	Auto Line Leak Detector		
Pipe Type Description:	Fiberglass/Plastic		
Non-eligible:	No		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CIRCLE K STORE #5268 (Continued)

U001475704

Fed Regulated Tank: Yes
 Tank Last Used: No
 Owner: CIRCLE K STORES, INC
 PO BOX 52084
 PHOENIX, AZ 85072
 Owner County: MARICOPA
 Owner Phone (602) 437-0600
 Impress Current Installed Not reported
 Galvanic System Installed Not reported

Facility ID:	0330398	Total Tanks:	3
Telephone:	(770) 578-9555	Date Installed:	10/01/86
Tank ID:	3	Date Closed:	Not reported
Capacity:	10000	Age:	14
Status:	Currently in Use	Closed:	No
Inert Material:	Not reported		
Removed:	No		
Product:	Gasoline		
Overfill Protection:	No		
Material:	Lined Interior^Fiberglass/		
Spill Protection:	No		
Tank Release Detection:	Tnk Tightness Testing^I		
Pipe Release Detection:	Auto Line Leak Detector		
Pipe Type Description:	Fiberglass/Plastic		
Non-eligible:	No		
Fed Regulated Tank:	Yes		
Tank Last Used:	No		
Owner:	CIRCLE K STORES, INC PO BOX 52084 PHOENIX, AZ 85072		
Owner County:	MARICOPA		
Owner Phone:	(602) 437-0600		
Impress Current Installed:	Not reported		
Galvanic System Installed:	Not reported		

2
 WNW
 1/4-1/2
 1651 ft.
 Higher

EXXON #40513
 1912 LOWER ROSWELL RD
 MARIETTA, GA 30062

LUST U001475706
 UST N/A

LUST:
 Facility ID: 0-330402
 Release Date: 11/21/97

Facility ID: 0-330402
 Release Date: 7/30/98

UST:
 Facility ID: 0330402
 Telephone: (770) 977-4014
 Tank ID: 1
 Capacity: 10000
 Status: Currently in Use
 Inert Material: Not reported
 Removed: No
 Product: Gasoline
 Overfill Protection: No
 Material: Lined Interior^Fiberglass/

Total Tanks:	4
Date Installed:	01/01/87
Date Closed:	Not reported
Age:	14
Closed:	No

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

EXXON #40513 (Continued)

U001475706

Spill Protection: No
 Tank Release Detection: Tnk Tightness Testing^I
 Pipe Release Detection: Auto Line Leak Detector
 Pipe Type Description: Fiberglass/Plastic
 Non-eligible: No
 Fed Regulated Tank: Yes
 Tank Last Used: No
 Owner: EXXON MOBIL FUELS MARKETING CO
 PO BOX 4386
 HOUSTON, TX 77210
 Owner County: HARRIS
 Owner Phone (800) 350-0531
 Impress Current Installed Not reported
 Galvanic System Installed Not reported

Facility ID:	0330402	Total Tanks:	4
Telephone:	(770) 977-4014		
Tank ID:	2		
Capacity:	10000	Date Installed:	01/01/87
Status:	Currently in Use	Date Closed:	Not reported
Inert Material:	Not reported	Age:	14
Removed:	No	Closed:	No

Product: Gasoline
 Overfill Protection: No
 Material: Lined Interior^Fiberglass/
 Spill Protection: No
 Tank Release Detection: Tnk Tightness Testing^I
 Pipe Release Detection: Auto Line Leak Detector
 Pipe Type Description: Fiberglass/Plastic
 Non-eligible: No
 Fed Regulated Tank: Yes
 Tank Last Used: No
 Owner: EXXON MOBIL FUELS MARKETING CO
 PO BOX 4386
 HOUSTON, TX 77210
 Owner County: HARRIS
 Owner Phone (800) 350-0531
 Impress Current Installed Not reported
 Galvanic System Installed Not reported

Facility ID:	0330402	Total Tanks:	4
Telephone:	(770) 977-4014		
Tank ID:	3		
Capacity:	10000	Date installed:	01/01/87
Status:	Currently in Use	Date Closed:	Not reported
Inert Material:	Not reported	Age:	14
Removed:	No	Closed:	No

Product: Gasoline
 Overfill Protection: No
 Material: Lined Interior^Fiberglass/
 Spill Protection: No
 Tank Release Detection: Tnk Tightness Testing^I
 Pipe Release Detection: Auto Line Leak Detector
 Pipe Type Description: Fiberglass/Plastic
 Non-eligible: No
 Fed Regulated Tank: Yes
 Tank Last Used: No

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

EXXON #40513 (Continued)

U001475706

Owner: EXXON MOBIL FUELS MARKETING CO
 PO BOX 4386
 HOUSTON, TX 77210
 Owner County: HARRIS
 Owner Phone (800) 350-0531
 Impress Current Installed Not reported
 Galvanic System Installed Not reported

Facility ID:	0330402	Total Tanks:	4
Telephone:	(770) 977-4014		
Tank ID:	4		
Capacity:	10000	Date installed:	01/01/87
Status:	Currently in Use	Date Closed:	Not reported
Inert Material:	Not reported	Age:	14
Removed:	No	Closed:	No
Product:	Diesel		
Overfill Protection:	No		
Material:	Lined Interior^Fiberglass/		
Spill Protection:	No		
Tank Release Detection:	Tnk Tightness Testing^I		
Pipe Release Detection:	Auto Line Leak Detector		
Pipe Type Description:	Fiberglass/Plastic		
Non-eligible:	No		
Fed Regulated Tank:	Yes		
Tank Last Used:	No		
Owner:	EXXON MOBIL FUELS MARKETING CO PO BOX 4386 HOUSTON, TX 77210		
Owner County:	HARRIS		
Owner Phone	(800) 350-0531		
Impress Current Installed	Not reported		
Galvanic System Installed	Not reported		

3
 WNW
 1/4-1/2
 2602 ft.
 Higher

FORMER EXXON SERVICE STATION
 1784 LOWER ROSWELL RD
 MARIETTA, GA 30067

LUST U001475877
 UST N/A

LUST:

Facility ID: 0-330810
 Release Date: 5/6/91

Facility ID: 0-330610
 Release Date: 3/13/98

Facility ID: 0-330610
 Release Date: 8/27/98

UST:

Facility ID:	0330610	Total Tanks:	5
Telephone:	(770) 591-9000		
Tank ID:	1		
Capacity:	8000	Date Installed:	03/01/66
Status:	Removed from Ground^UNK	Date Closed:	08/03/1998
Inert Material:	Not reported	Age:	35
Removed:	Yes	Closed:	No
Product:	Gasoline		
Overfill Protection:	No		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FORMER EXXON SERVICE STATION (Continued)

U001475877

Material: Steel
Spill Protection: No
Pipe Type Description: Unknown
Non-eligible: No
Fed Regulated Tank: Yes
Tank Last Used: No
Owner: FIRST NATIONAL BANK OF CHEROKEE
9860 HWY 92
WOODSTOCK, GA 30188
Owner County: COBB
Owner Phone (770) 591-9000
Impress Current Installed Not reported
Galvanic System Installed Not reported

Facility ID: 0330610
Telephone: (770) 591-9000
Tank ID: 2
Capacity: 8000
Status: Removed from Ground^UNK
Inert Material: Not reported
Removed: Yes
Product: Gasoline
Overfill Protection: No
Material: Steel
Spill Protection: No
Pipe Type Description: Unknown
Non-eligible: No
Fed Regulated Tank: Yes
Tank Last Used: No
Owner: FIRST NATIONAL BANK OF CHEROKEE
9860 HWY 92
WOODSTOCK, GA 30188
Owner County: COBB
Owner Phone (770) 591-9000
Impress Current Installed Not reported
Galvanic System Installed Not reported

Total Tanks: 5
Date Installed: 03/01/66
Date Closed: 08/03/1998
Age: 35
Closed: No

Facility ID: 0330610
Telephone: (770) 591-9000
Tank ID: 3
Capacity: 8000
Status: Removed from Ground^UNK
Inert Material: Not reported
Removed: Yes
Product: Diesel
Overfill Protection: No
Material: Steel
Spill Protection: No
Pipe Type Description: Unknown
Non-eligible: No
Fed Regulated Tank: Yes
Tank Last Used: No
Owner: FIRST NATIONAL BANK OF CHEROKEE
9860 HWY 92
WOODSTOCK, GA 30188
Owner County: COBB
Owner Phone (770) 591-9000

Total Tanks: 5
Date Installed: 03/01/66
Date Closed: 08/04/1998
Age: 35
Closed: No

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

FORMER EXXON SERVICE STATION (Continued)

U001475877

Impress Current Installed Not reported
 Galvanic System Installed Not reported

Facility ID:	0330610	Total Tanks:	5
Telephone:	(770) 591-9000	Date Installed:	UNK
Tank ID:	4	Date Closed:	02/01/1998
Capacity:	550	Age:	0
Status:	Removed from Ground^UNK	Closed:	No
Inert Material:	Not reported		
Removed:	Yes		
Product:	Used Oil		
Overfill Protection:	No		
Material:	Not reported		
Spill Protection:	No		
Pipe Type Description:	Not reported		
Non-eligible:	No		
Fed Regulated Tank:	Yes		
Tank Last Used:	No		

Owner: FIRST NATIONAL BANK OF CHEROKEE
 9860 HWY 92
 WOODSTOCK, GA 30188

Owner County: COBB
 Owner Phone (770) 591-9000

Impress Current Installed Not reported
 Galvanic System Installed Not reported

Facility ID:	0330610	Total Tanks:	5
Telephone:	(770) 591-9000	Date Installed:	UNK
Tank ID:	5	Date Closed:	02/01/1998
Capacity:	550	Age:	0
Status:	Removed from Ground^UNK	Closed:	No
Inert Material:	Not reported		
Removed:	Yes		
Product:	Used Oil		
Overfill Protection:	No		
Material:	Not reported		
Spill Protection:	No		
Pipe Type Description:	Not reported		
Non-eligible:	No		
Fed Regulated Tank:	Yes		
Tank Last Used:	No		

Owner: FIRST NATIONAL BANK OF CHEROKEE
 9860 HWY 92
 WOODSTOCK, GA 30188

Owner County: COBB
 Owner Phone (770) 591-9000

Impress Current Installed Not reported
 Galvanic System Installed Not reported

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
MARIETTA	S103838616	COBB CO-CHEATHAM RD PH 2 (SL)	CHEATHAM RD		SWFLF
MARIETTA	S103838615	COBB CO-COUNTY FARM RD #2 PHS 1-2-3	COUNTY FARM RD SE BALER BLD		SWFLF
MARIETTA	1004686027	ECONO LUJBE N TUBE # 189	4750 LOWER ROSWELL RD	30067	RCRIS-SQG
MARIETTA	1004687914	EXXON RAS 40513	1912 LOWER ROSWELL ROAD	30068	RCRIS-SQG

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List

Source: EPA

Telephone: N/A

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/22/02

Date Made Active at EDR: 06/21/02

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 05/08/02

Elapsed ASTM days: 46

Date of Last EDR Contact: 05/06/02

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1

Telephone 617-918-1143

EPA Region 3

Telephone 215-814-5418

EPA Region 4

Telephone 404-562-8033

EPA Region 6

Telephone: 214-855-6659

EPA Region 8

Telephone: 303-312-6774

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA

Telephone: 703-413-0223

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening end assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/12/02

Date Made Active at EDR: 06/03/02

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/25/02

Elapsed ASTM days: 70

Date of Last EDR Contact: 03/25/02

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Source: EPA

Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/14/02
Date Made Active at EDR: 06/03/02
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/25/02
Elapsed ASTM days: 70
Date of Last EDR Contact: 03/25/02

CORRACTS: Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 11/14/01
Date Made Active at EDR: 01/14/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 11/14/01
Elapsed ASTM days: 61
Date of Last EDR Contact: 06/10/02

RCRIS: Resource Conservation and Recovery Information System

Source: EPA/NTIS

Telephone: 800-424-9346

Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 04/01/02
Date Made Active at EDR: 06/21/02
Database Release Frequency: Varies

Date of Data Arrival at EDR: 05/20/02
Elapsed ASTM days: 32
Date of Last EDR Contact: 03/04/02

ERNS: Emergency Response Notification System

Source: EPA/NTIS

Telephone: 202-260-2342

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/00
Date Made Active at EDR: 06/03/02
Database Release Frequency: Varies

Date of Data Arrival at EDR: 03/05/02
Elapsed ASTM days: 90
Date of Last EDR Contact: 04/29/02

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System

Source: EPA/NTIS

Telephone: 800-424-9346

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/99
Database Release Frequency: Biennially

Date of Last EDR Contact: 06/17/02
Date of Next Scheduled EDR Contact: 09/16/02

FTTS INSP: FIFRA/TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA

Telephone: 202-564-2501

Date of Government Version: 01/14/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/25/02
Date of Next Scheduled EDR Contact: 06/24/02

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STATE OF GEORGIA ASTM STANDARD RECORDS

SHWS: Hazardous Site Inventory

Source: Department of Environmental Protection
Telephone: 404-657-8600

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 07/01/01
Date Made Active at EDR: 08/01/01
Database Release Frequency: Annually

Date of Data Arrival at EDR: 07/30/01
Elapsed ASTM days: 2
Date of Last EDR Contact: 06/11/02

SWF/LF: Solid Waste Disposal Facilities

Source: Department of Natural Resources
Telephone: 404-362-2696

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 06/01/02
Date Made Active at EDR: 06/20/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 06/05/02
Elapsed ASTM days: 15
Date of Last EDR Contact: 06/03/02

LUST: List of Leaking Underground Storage Tanks

Source: Environmental Protection Division
Telephone: 404-362-2687

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 03/14/02
Date Made Active at EDR: 05/06/02
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 04/08/02
Elapsed ASTM days: 28
Date of Last EDR Contact: 03/12/02

UST: Underground Storage Tank Database

Source: Environmental Protection Division
Telephone: 404-362-2687

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 04/11/01
Date Made Active at EDR: 05/17/01
Database Release Frequency: Annually

Date of Data Arrival at EDR: 04/24/01
Elapsed ASTM days: 23
Date of Last EDR Contact: 05/10/02

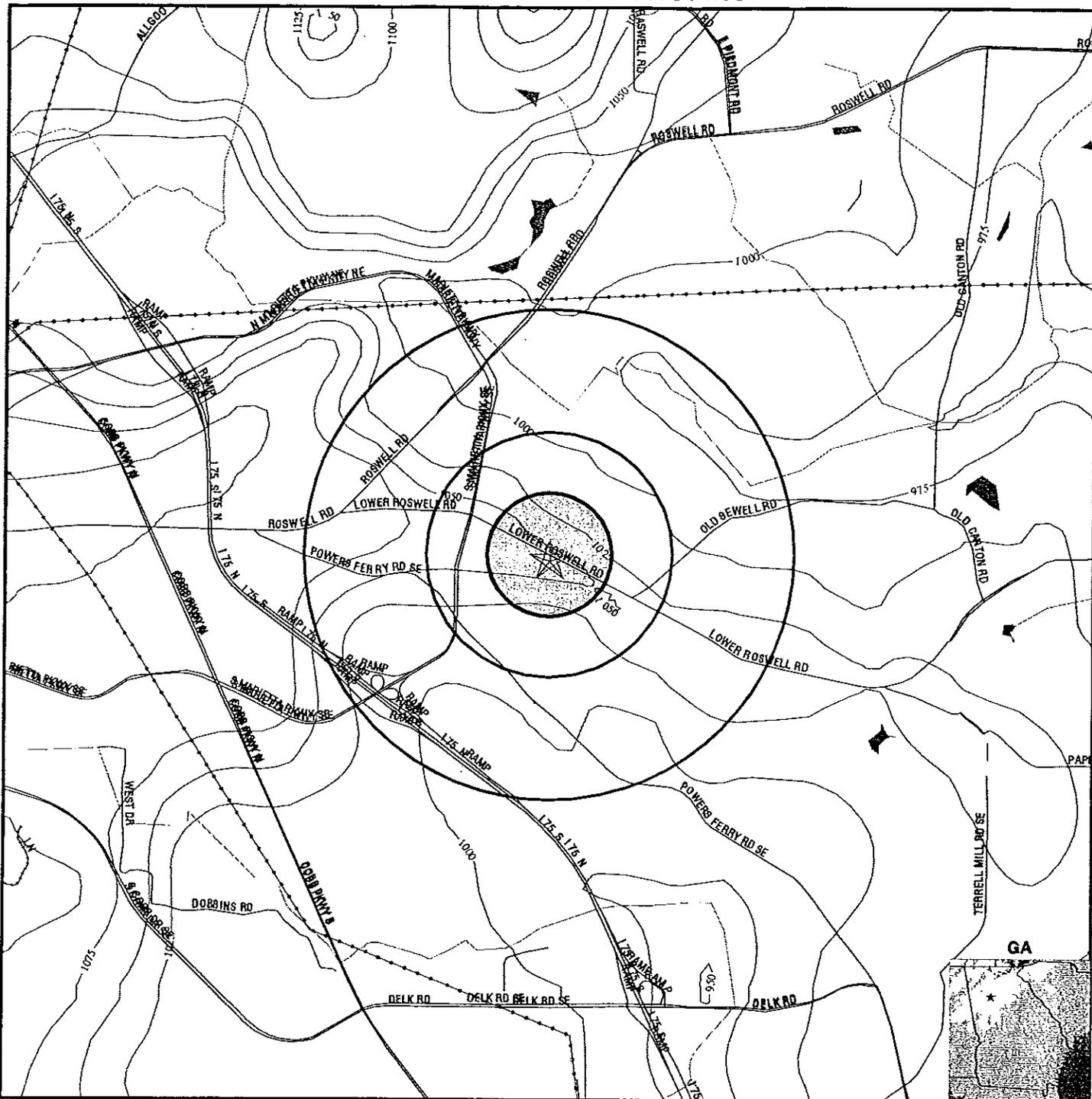
OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

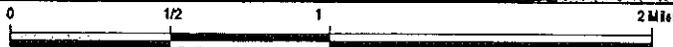
Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

TOPOGRAPHIC MAP - 807914.1s



- Major Roads
- Contour Lines
- Waterways
- County Boundary
- Railroads
- Power transmission lines



TARGET PROPERTY:	New Market Center	CUSTOMER:	National Assessment Corp.
ADDRESS:	2058 Lower Roswell Road	CONTACT:	Chandra Barton
CITY/STATE/ZIP:	Marietta GA 30068	INQUIRY #:	807914.1s
LAT/LONG:	33.9494 / 84.4922	DATE:	July 01, 2002 6:40 pm

EXHIBIT C-2

GENERAL PUBLIC RECORDS

EXHIBIT "A"

ALL THAT TRACT OR PARCEL OF LAND lying and being in Land Lot 1244 of the 16th District, 2nd Section, Cobb County, Georgia, being Tract 1, Tract 2, Tract 3 and Tract 4 containing a total of 7.006 acres according to a boundary and topographic survey for G & R Georgia One, LLC and Lawyers Title Insurance Corporation dated June 1, 1999, last revised September 28, 1999, and prepared by Pinion & McGaughey Land Surveyors, Inc., George H. Pinion, GRLS No. 1606, being more particularly described as follows:

To find the TRUE POINT OF BEGINNING, commence at the intersection of the southwesterly right-of-way line of Lower Roswell Road (right-of-way Varies) and the easterly right-of-way line of Shawnee Trail (50 foot right-of-way); thence running along the southwesterly right-of-way line of said Lower Roswell Road South 63 degrees 19 minutes 56 seconds East a distance of 204.0 feet to a ½ inch rebar found, said point being the TRUE POINT OF BEGINNING; continuing along said right-of-way line run thence South 63 degrees 19 minutes 56 seconds East a distance of 415.38 feet to a ½ inch rebar found; leaving said right-of-way line run thence South 00 degrees 47 minutes 59 seconds East a distance of 505.76 feet to a ½ inch rebar found; run thence North 83 degrees 52 minutes 49 seconds West a distance of 575.07 feet to an iron pin set on the easterly right-of-way line of Shawnee Trail; run thence along said right-of-way line of Shawnee Trail North 00 degrees 19 minutes 09 seconds West a distance of 40.89 feet to a point; continuing along said right-of-way line run thence along a curve to the right an arc distance of 144.90 feet to a point, said arc having a radius of 2,627.75 feet and being subtended by a chord bearing and distance of North 01 degrees 15 minutes 38 seconds East 144.88 feet; continuing along said right-of-way line run thence North 02 degrees 50 minutes 25 seconds East a distance of 89.68 feet to a point; continuing along said right-of-way line run thence along a curve to the left an arc distance of 141.36 feet to a point, said arc having a radius of 2,920.37 feet and being subtended by a chord bearing and distance of North 01 degrees 27 minutes 13 seconds East 141.35 feet; continuing along said right-of-way line run thence North 00 degrees 04 minutes 00 seconds East a distance of 41.77 feet to an iron pin set; leaving said right-of-way line run thence North 89 degrees 12 minutes 48 seconds East a distance of 180.0 feet to a ½ inch rebar found; run thence North 00 degrees 50 minutes 55 seconds East a distance of 170.0 feet to a ½ inch rebar found located on the southwesterly right-of-way line of Lower Roswell Road, said point being the TRUE POINT OF BEGINNING.

Deed Book 13010 Pg 301

J. C. Stephenson

Jay C. Stephenson
Clerk of Superior Court Cobb Cty. Ga.
I have read the foregoing and certify that it is a true and correct copy of the original as the same appears in the records of the Clerk of the Superior Court of Cobb County, Georgia.

APPENDIX D
INTERVIEW RECORDS

RECORD OF COMMUNICATION						
Site Name: New Market Center			Location (city): Marietta, GA			
Communication with: Mr. John Jefferson						
Of: Reserve Corporation						
Location: Marietta			Phone: 770-754-4300			
Communication via	<input checked="" type="checkbox"/>	Telephone	<input type="checkbox"/>	Letter	<input checked="" type="checkbox"/>	In Person
Recorded By: R. Curtis			Of: NAC			
At: (time): various			On (date): various			
Re: Subject Property						
Summary of Communication: Mr. Jefferson provided site access and accompanied NAC during field reconnaissance activities. He also provided information pertaining to the current operations and maintenance of the Property.						
Conclusions/Required Action/Follow-up: None						
ROC 1 of 9						

RECORD OF COMMUNICATION						
Site Name: New Market Center			Location (city): Marietta, GA			
Communication with: Mr. Ran Patel						
Of: TLC Cleaners						
Location: Marietta			Phone: 770-565-7588			
Communication via			Telephone		Letter	X In Person
Recorded By: R. Curtis			Of: NAC			
At: (time): 10:00 am			On (date): July 3, 2002			
Re: Subject Property						
Summary of Communication: Mr. Patel answered questions regarding the dry cleaning operations at his facility.						
Conclusions/Required Action/Follow-up: None						
ROC 2 of 9						

RECORD OF COMMUNICATION						
Site Name: New Market Center			Location (city): Marietta, GA			
Communication with: Clerk						
Of: Cobb County Planning and Zoning						
Location: Marietta			Phone: 770-528-2004			
Communication via	<input checked="" type="checkbox"/>	Telephone	<input type="checkbox"/>	Letter	<input type="checkbox"/>	In Person
Recorded By: R. Curtis			Of: NAC			
At: (time): 10:00 am			On (date): July 11, 2002			
Re: Subject Property						
Summary of Communication: Inquired about current zoning of the Property. Determined that the Property is zoned as CRC-Community Retail Commercial.						
Conclusions/Required Action/Follow-up: None						
ROC 3 of 9						

RECORD OF COMMUNICATION						
Site Name: New Market Center			Location (city): Marietta, GA			
Communication with: Clerk						
Of: Cobb County Development and Inspections, Permitting Division						
Location: Marietta			Phone: 770-528-2061			
Communication via	<input checked="" type="checkbox"/>	Telephone	<input type="checkbox"/>	Letter	<input type="checkbox"/>	In Person
Recorded By: R. Curtis			Of: NAC			
At (time): 9:50 am			On (date): July 10, 2002			
Re: Subject Property						
Summary of Communication: Inquired about building permits for the Property. Due to the age of the building, no building permit records are available.						
Conclusions/Required Action/Follow-up: None						
ROC 4 of 9						

RECORD OF COMMUNICATION						
Site Name: New Market Center			Location (city): Marietta, GA			
Communication with: Clerk						
Of: Marietta Water						
Location: Marietta			Phone: 770-794-5230			
Communication via	<input checked="" type="checkbox"/>	Telephone	<input type="checkbox"/>	Letter	<input type="checkbox"/>	In Person
Recorded By: R. Curtis			Of: NAC			
At: (time): 10:15 am			On (date): July 10, 2002			
Re: Subject Property						
Summary of Communication: Determined that Marietta Water purchases all water from the Cobb County-Marietta Water Authority. Also confirmed that drinking water supplied is in compliance with all federal guidelines, including lead and copper.						
Conclusions/Required Action/Follow-up: None						
ROC 5 of 9						

RECORD OF COMMUNICATION						
Site Name: New Market Center			Location (city): Marietta, GA			
Communication with: Jim in Control Center						
Of: Marietta Power						
Location: Marietta			Phone: 770-794-5150			
Communication via	<input checked="" type="checkbox"/>	Telephone		Letter		In Person
Recorded By: R. Curtis			Of: NAC			
At: (time): 8:30 am			On (date): July 11, 2002			
Re: Subject Property						
<p>Summary of Communication:</p> <p>Inquired about transformers on the Property. Confirmed that Marietta Power owns the transformers on the Property. Could not verify the PCB status of one set of pole-mounted transformers.</p>						
Conclusions/Required Action/Follow-up: None						
ROC 6 of 9						

RECORD OF COMMUNICATION						
Site Name: New Market Center			Location (city): Marietta, GA			
Communication with: Cindy Garrett						
Of: Cobb County Emergency Management Services						
Location: Marietta			Phone: 770-499-4568			
Communication via	<input checked="" type="checkbox"/>	Telephone	<input type="checkbox"/>	Letter	<input type="checkbox"/>	In Person
Recorded By: R. Curtis			Of: NAC			
At: (time): 9:00 am			On (date): July 10, 2002			
Re: Subject Property						
Summary of Communication: Left message regarding inquiry of the Property. No response received as of the date of report.						
Conclusions/Required Action/Follow-up: None						
ROC 7 of 9						

RECORD OF COMMUNICATION						
Site Name: New Market Center			Location (city): Marietta, GA			
Communication with: Clerk						
Of: Cobb County Health Department, Environmental Health						
Location: Marietta			Phone: 770-435-7815			
Communication via	<input checked="" type="checkbox"/>	Telephone	<input type="checkbox"/>	Letter	<input type="checkbox"/>	In Person
Recorded By: R. Curtis			Of: NAC			
At: (time): 3:40 pm			On (date): July 10, 2002			
Re: Subject Property						
Summary of Communication: Requested records pertaining to underground/above ground storage tanks and/or the use of hazardous materials at the Property. No records were found regarding the Property.						
Conclusions/Required Action/Follow-up: None						
ROC 8 of 9						

RECORD OF COMMUNICATION						
Site Name: New Market Center			Location (city): Marietta, GA			
Communication with: June Lee						
Of: Georgia EPD, UST Program						
Location: Marietta			Phone: 404-362-2687			
Communication via	<input checked="" type="checkbox"/>	Telephone	<input type="checkbox"/>	Letter	<input type="checkbox"/>	In Person
Recorded By: R. Curtis			Of: NAC			
At: (time): 9:30 am			On (date): July 11, 2002			
Re: Circle K						
Summary of Communication: Requested records pertaining to the releases associated with the Circle K at 2020 Lower Roswell Road. Ms. Lee indicated that the facility reported a confirmed release on June 25, 2001 based on groundwater laboratory results from on-site monitoring. The EPD has requested a corrective action plan (CAP-A) from Circle K regarding this release, but has not received any further information as of this date.						
Conclusions/Required Action/Follow-up: None						
ROC 9 of 9						

APPENDIX B

REGULATORY AGENCY REVIEW/CITY DIRECTORY/
SANBORN MAP COVERAGE

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

Surrounding Properties:

Elevations have been determined from the USGS 1 degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. EDR's definition of a site with an elevation equal to the subject property includes a tolerance of -10 feet. Sites with an elevation equal to or higher than the subject property have been differentiated below from sites with an elevation lower than the subject property (by more than 10 feet). Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in *bold italics* are in multiple databases.

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Natural Resources' Confirmed Release List.

A review of the LUST list, as provided by EDR, and dated 08/01/1998 has revealed that there are 6 LUST sites within approximately 0.5 miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>CIRCLE K STORE #5268</i>	<i>2020 LOWER ROSWELL RD</i>	<i>0 - 1/8 NW</i>	<i>1</i>	<i>9</i>
<i>COBB AUTO REPAIR/FINA #131-668</i>	<i>2011 LOWER ROSWELL RD @</i>	<i>0 - 1/8 NW</i>	<i>2</i>	<i>10</i>
<i>EXXON #40513</i>	<i>1912 LOWER ROSWELL RD</i>	<i>1/4 - 1/2 WNW</i>	<i>3</i>	<i>13</i>
<i>BP #01390/GULF</i>	<i>LOWER ROSWELL RD & MARI</i>	<i>1/4 - 1/2 WNW</i>	<i>4</i>	<i>15</i>
<i>FORMER EXXON SERVICE STATION</i>	<i>1784 LOWER ROSWELL RD</i>	<i>1/4 - 1/2 WNW</i>	<i>5</i>	<i>18</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>CHEVRON #201826</i>	<i>288 POWERS FERRY RD @</i>	<i>1/4 - 1/2 SW</i>	<i>5</i>	<i>16</i>

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Natural Resources' Underground Storage Tank Database.

A review of the UST list, as provided by EDR, and dated 02/01/1998 has revealed that there are 2 UST sites within approximately 0.25 miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>CIRCLE K STORE #5268</i>	<i>2020 LOWER ROSWELL RD</i>	<i>0 - 1/8 NW</i>	<i>1</i>	<i>9</i>
<i>COBB AUTO REPAIR/FINA #131-668</i>	<i>2011 LOWER ROSWELL RD @</i>	<i>0 - 1/8 NW</i>	<i>2</i>	<i>10</i>

APPENDIX E
CLIENT PROVIDED DOCUMENTATION

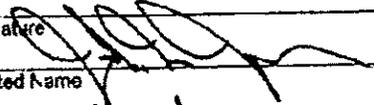
ASTM E-1527 PHASE I ENVIRONMENTAL SITE ASSESSMENT PRE-SURVEY QUESTIONNAIRE AND DISCLOSURE STATEMENT

Borrower: Please complete this questionnaire before the Consultant's site visit. For those questions that are not applicable to the subject please respond with an "N/A". This document must be signed by the Owner or his/her representative (Item No. 2). If you have any questions about how to answer any of the questions please call NAC. If additional pages for response are necessary please attach them to this form. Clearly mark all references to the appropriate question number(s). This document and your written response to same will be an exhibit in NAC's report.

1. PROPERTY INFORMATION:

Property Name: NEW MARKET CENTER		
Property Address: 2058 & 2060 LOWER ROSWELL ROAD		
City: KNARIETTA	State: GEORGIA	Zip: 30068
Assessor's Parcel Number: K-1244-0-068-0		

2. COMPLETED BY

Signature: 	Date: 7/10/2002
Printed Name: JOHN N. JEFFERSON	Title: DEVELOPMENT MANAGER RESERVE CORPORATION

3. ASTM-REQUIRED INQUIRIES

Property Owner: G & R GEORGIA ONE, LLC	
Name: ERIC L. MCCONNIGHT, MANAGER Phone: (770) 754-4300 Fax: (770) 754-0199	
Key Site Manager (Site contact): RESERVE CORPORATION	
Name: JOHN N. JEFFERSON Phone: (770) 754-4300 Fax: (770) 754-0199	
If not residential Property, please provide list of tenants, including contact names and phone numbers.	
Can you provide a Current Title Abstract for the Property, including a chain of Title? If so, please send documents along with completed questionnaire to NAC	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Do you have knowledge of any environmental liens recorded against the Property, or environmentally related Activity and Use Limitations of the Property?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Do you have any specialized knowledge that would be material in identifying recognized environmental conditions in connection with the Property?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are you aware of a reduction in the property value due to environmental issues?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Please attach explanation of all affirmative answers.	
8) Please state reason for procuring this Phase I ESA:	
<input type="checkbox"/> Qualify for Innocent Landowner defense to CERCLA Liability. <input checked="" type="checkbox"/> Other: (state below) REFINANCE CONSTRUCTION LOAN WITH A PERMANENT MORTGAGE	

Please return completed form and any attachments to:
National Assessment Corporation, 1320 Harbor Bay Parkway, Suite 260, Alameda, CA 94502
Telephone: 510-337-2855 Fax: 510-337-2855
E-mail: nac@na-corp.com

4. PLEASE PROVIDE A GENERAL SITE DESCRIPTION BY COMPLETING THE FOLLOWING TABLE:

Legal description/ boundary survey/ plat available (please send to NAC if "yes")	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
SEE ATTACHED SURVEY	
Total Property Size	4.816 ACRES
Total number of buildings	ONE (1)
Total square footage of buildings	47,974 SQ. FT.
Date of construction	FORMER WHINDIXE - \approx 1972 FORMER RENKO DRUGS \approx 1974 SHALU SHOPS \approx 1985
Dates of significant renovation	FRONT OF CENTER REDONE 2000-2002 TENANT INTERIORS REDONE
Waste water discharge	<input checked="" type="checkbox"/> Municipal Sanitary Sewer <input type="checkbox"/> On-site septic system <input type="checkbox"/> Other
Potable water source	<input checked="" type="checkbox"/> Community Water Supplier <input type="checkbox"/> On-site well <input type="checkbox"/> Other
Please describe prior use of property, if known: WHINDIXE DRUG STORE - VACATED IN EARLY 1990'S RENKO DRUG STORE VACATED IN 1990'S	

5. PREVIOUS INVESTIGATIONS:

Have any previous environmental investigations been performed at the site?	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
INVESTIGATION TYPE	
If yes, please describe conclusions, and attach copy of report(s)	
<input checked="" type="checkbox"/> Phase 1 ESA	PHASE 1 UPDATE ORIGINAL PHASE 1 RECOMMENDED LIMITED PH 2
<input checked="" type="checkbox"/> Phase 2 ESA	PH 2 SUBMITTED TO STATE - NO ACTION REQ'D
<input type="checkbox"/> Tank Tightness Testing	NA
<input checked="" type="checkbox"/> Asbestos Survey/ O&M	INCLUDED IN ORIGINAL PHASE 1
<input type="checkbox"/> Radon	
<input type="checkbox"/> Lead-based Paint	
<input type="checkbox"/> Lead in Water	
<input type="checkbox"/> Operations & Maintenance Plan(s)	
<input type="checkbox"/> Other	

6. ON SITE OPERATIONS

Are you aware of any of the following conditions, either past or present, on the site?		
Condition	Response	If yes, please describe
1. Stored Chemicals	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	DRY CLEANER HAS SUPPLY OF PERC ^{HP}
2. Underground Storage Tanks	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Aboveground Storage Tanks	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
4. Spills or Releases	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Dump Areas/ Landfills	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
6. Waste Treatment Systems	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
7. Clarifiers/ Separators	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
8. Air stacks/ Vents/ Odors	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
9. Floor Drains/Sumps	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	DRY CLEANER HAS FLOOR DRAINS, MOST TENANTS HAVE RESTROOM / KITCHEN FLOOR DRAINS
10. Stained Soil/ Impacted Vegetation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
11. On-site OWNED Electrical Transformers	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
12. Hydraulic lifts/ Elevators	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
13. Dry Cleaning Operations	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	TLC CLEANERS @ WEST END OF CENTER
14. Wetlands/ Flooding	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
15. Oil/ Gas/ Water/ Monitoring Wells	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
16. Environmental Cleanups	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
17. Environmental Permits	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, please describe and ATTACH ALL COPIES of permits. Please attach last three waste manifests.
a) Industrial Discharge	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
b) POTW (NPDES)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
c) Hazardous Waste Generator	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
d) Air Quality	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
e) Flammable Materials	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
f) AST/AUST	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
g) Waste Manifest(s)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	TLC CLEANERS HAS ON-SITE RECORDS
n) Other	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

7. OFF SITE ENVIRONMENTAL CONCERNS

Are you aware of any of the following conditions, either past or present, Adjacent to the site?		
Condition	Response	If yes, please describe
Gasoline Stations	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1 STATION NW OF SITE ACROSS SHAWNEE TRAIL
Dry Cleaners	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Industrial Uses	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Other	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

APPENDIX F
LABORATORY REPORTS



**SCIENTIFIC LABORATORIES
OF CALIFORNIA, INC.**

24416 SOUTH MAIN STREET • SUITE 308
CARSON, CA 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

SciLab Job#: 402071059

Date Received: 07/05/2002
Date Analyzed: 07/05/2002

Lead Analysis Results

Water

EPA Method 200.9/GFAA

National Assessment Corporation

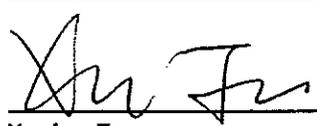
Alameda, CA

Job Site: 02-10010.1; New Market Center

SciLab #	Client Number	Sample Location	Lead (µg/L = ppb)
402071059			
01	TW-1	Main Sink/Immed.	<3
02	TW-2	Main Sink/30 Sec.	<3
03	TW-3	Main Sink/2 Min.	<3
04	TW-4	Second Sink/Immed.	3.8
05	TW-5	Second Sink/30 Sec.	<3
06	TW-6	Second Sink/2 Min.	<3

SciLab Reporting Limit is 3 ug/L.
The drinking water limit for lead is 0.015 mg/L = 15 ug/L

Reviewed by: 

Analyzed by: 
Xuqing Fu

APPENDIX G

OTHER SUPPORTING DOCUMENTATION

City Directory Review
July 8, 2002
Cobb County Central Library

2058/2060 Lower Roswell Road
Marietta, GA

1987 Polk Marietta-Smyrna City Directory

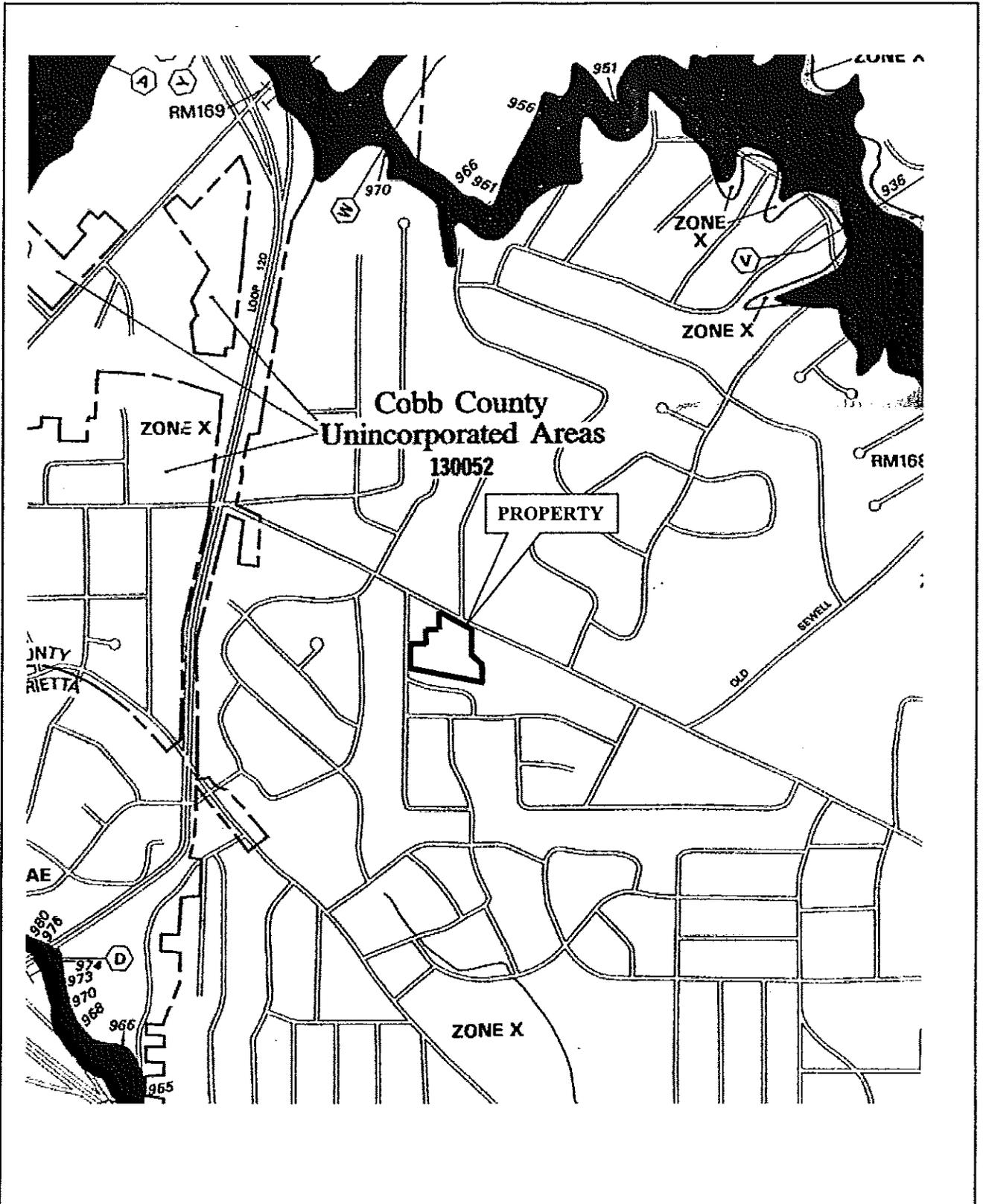
Lower Roswell Road
2058 is listed as Winn-Dixie
2060 is listed as Revco Discount Drugs
2040 is listed as First Atlanta Bank
2020 is listed as Stop-N-Go Service Station
2051 is listed as County Library
2090 is listed as Daybridge Learning Center

1977 Marietta-Smyrna City Directory-Johnson Publishing Co.

Lower Roswell Road
2058 is listed as Winn-Dixie
No listing for surrounding addresses

1968 Marietta-Smyrna City Directory-Atlanta City Directory Co.

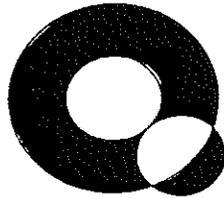
Lower Roswell Road
No listing for surrounding addresses



NATIONAL ASSESSMENT CORPORATION
 965 PIEDMONT ROAD, N.E., SUITE 100A
 MARIETTA, GEORGIA 30066
 (678) 581-2518

APPENDIX G – FLOOD MAP
 Federal Emergency Management Agency
 Flood Insurance Rate Map
 Map No. 13067C0055 F
 Map Effective August 18, 1992





Q O R ETM

PROPERTY SCIENCES

REPORT OF
PHASE I
ENVIRONMENTAL SITE ASSESSMENT

NEW MARKET MALL
COBB COUNTY, GEORGIA
JOB NO. 19954, REPORT NO. 134197

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2.0 INTRODUCTION

2.1 Purpose

This assessment generally followed the ASTM Practice E1527-97 Phase I Environmental Site Assessment Process. The purpose of this practice is to identify recognized environmental conditions. The term *recognized environmental conditions* means the presence or likely presence of any hazardous substance or petroleum products on a property that indicate an existing release, a past release or a material threat of a release of any hazardous substances or petroleum products into structures on a property or into the ground, groundwater or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. Our scope of services did not include assessments of radon, wetlands, lead-based paint, lead in drinking water, archeological/historical/cultural resources, or endangered/threatened species.

The asbestos survey was conducted in accordance with the Asbestos School Hazard Abatement Reauthorization Act (ASHARA), amendments to the Asbestos School Hazard Emergency Response Act (ASHERA), methodology, presented in 40 Code of Federal Regulations (CFR) Part 763.

2.2 Limitations

QORE, Inc. has conducted a limited survey to identify ACMs. This survey was performed in accordance with generally accepted standards of asbestos consulting performed in the State of Georgia. Our findings, are based on the data obtained during this assessment, and interpretation of the data based upon our professional experience. Be aware that QORE, Inc. cannot state that all ACMs which may be present in the on-site structure have been conclusively identified in this report. Without extensive destructive testing which would require at a minimum the removal and replacement of all carpeting and other flooring, wallboard, plaster, and ceiling materials and fixtures, the complete documentation of all ACMs cannot be provided. Additionally, the method of laboratory sample testing (PLM) has a lower detection limit of about 1 percent by area. Asbestos in samples containing lower level of asbestos (< 1%) are not readily detected by this technique. While this does not mean that there is no asbestos in these materials, they are defined as non-asbestos containing materials.

2.3 Methodology

The following tasks were undertaken:

1. Review of available site maps, historical aerial photographs, and topographic maps.
2. Review of EPA and EPD-maintained records/lists of known hazardous waste/toxic substance sites within the prescribed ASTM radii of the subject site.
3. Visual reconnaissance of the site and adjoining properties, and an interview and visual inspection of one of the tenant facilities.
4. Asbestos survey.

of the site. A FINA station and auto repair shop is present across Lower Roswell Road from the Circle K station.

3.6 Current Uses of the Property

The site is currently used for retail shops.

3.7 Past Uses of the Property

To evaluate historical land use, aerial photographs were obtained from Environmental Data Resources, Inc. (EDR) for 1966, 1972, 1986, and 1989. The 1966 and 1972 photographs show the site as undeveloped and cleared of trees and vegetation. The 1986 photograph shows the Winn-Dixie and REVCO stores. The 1989 photograph shows additional retail store footage on the west side of the building (next to REVCO). A U.S.G.S. 7.5-minute topographic map for the Sandy Springs, Georgia quadrangle (dated 1955, photorevised 1983) was reviewed. This map shows the site to be undeveloped in 1955 but developed in 1983.

A chain-of-title was not provided for our review. Should one be available in the future, we will review it and issue an addendum to this report.

3.8 Current and Past Uses of Adjoining Properties

See Section 3.5 for a discussion of adjacent land use. Based on the aerial photographs discussed in the previous section, adjoining properties are and were either undeveloped, residential, or light commercial. Structures are first present in the 1972 aerial photograph at the locations of the current Circle K and FINA stations.

4.0 RECORDS REVIEW

4.1 Environmental Record Sources, Federal and State

Environmental Data Resources, Inc. (EDR) was retained by Atlanta Testing & Engineering to provide information regarding regulatory databases compiled and maintained by EPA and EPD.

The site is not listed on any of these regulatory databases. Explanations and effective dates of these databases are provided in the regulatory database report, a copy of which can be found in the Appendix to this report.

Within a 0.5-mile radius of the site, there are six LUST (Leaking Underground Storage Tank) facilities that are listed on one or more of the regulatory databases. These sites are listed on page 2 of the Executive Summary of the regulatory database report in the Appendix.

Two of these facilities pose potential for environmental impairment of the subject site: a LUST at Circle K Store No. 5268, 2020 Lower Roswell Road, and a LUST at Cobb Auto Repair/FINA No. 131-668, 2011 Lower Roswell Road. Pages 9 through 13 of the regulatory database report (Appendix) tabulate

5.4 Storage Tanks

TLC Cleaners has a tank for storage of tetrachloroethylene. The area around the tank was clean and dry. No evidence of spills or leaks was observed, and the manager (Mr. Patel) stated that none had occurred.

5.5 Indications of PCBs

Three pole-mounted transformers were observed on the site. No visual evidence of leakage was observed.

5.6 Indications of Solid Waste Disposal

Several BFI dumpsters were present in the service area at the rear of the building. A pile of miscellaneous debris was observed in the service area behind the former Winn-Dixie store.

5.7 Physical Setting Analysis

Not applicable.

5.8 Other Conditions

None were observed.

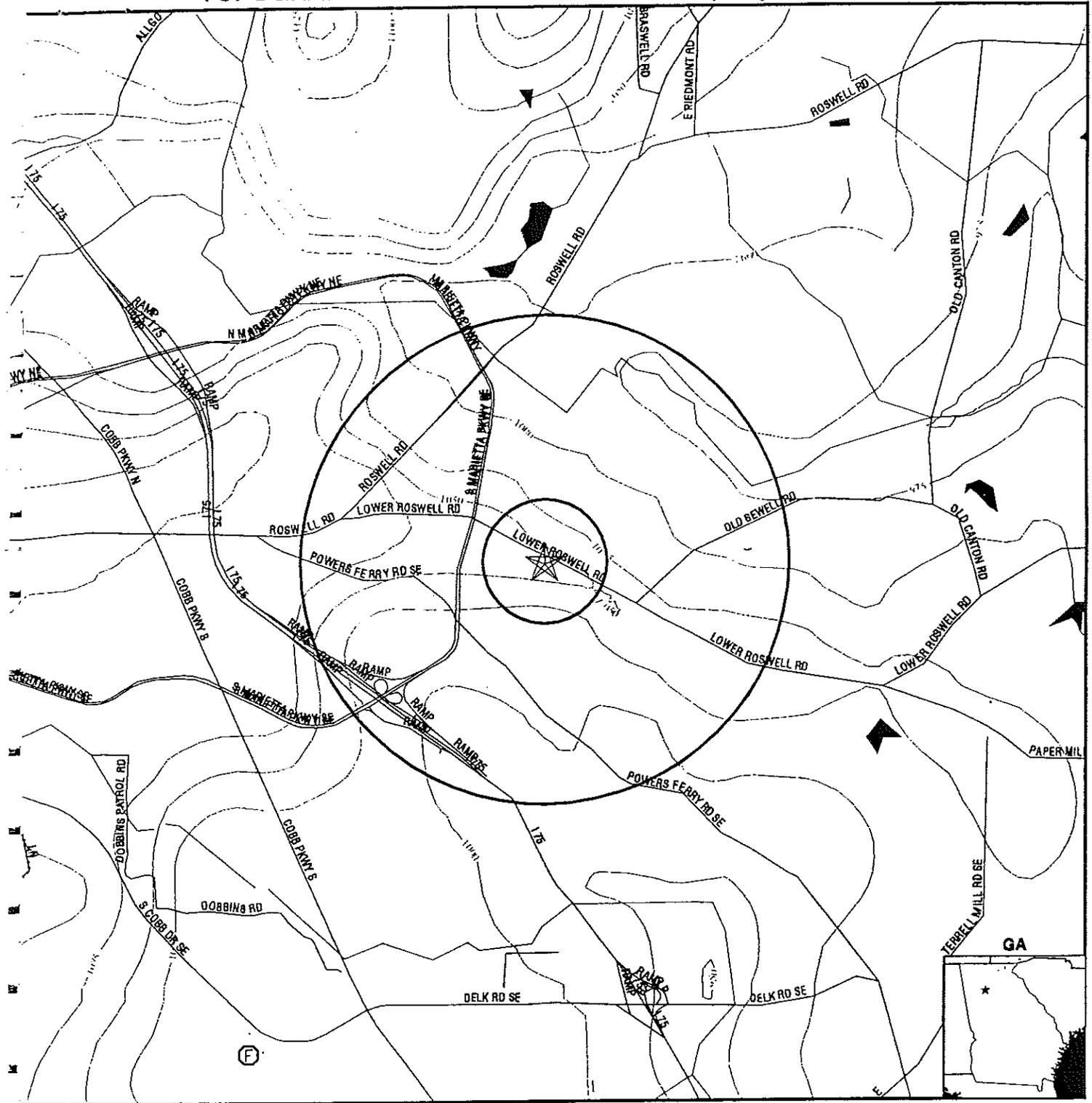
6.0 ASBESTOS SURVEY

On April 20, 1999, Mr. Jim Lawrence, Project Hydrogeologist with QORE, Inc. conducted a limited asbestos survey, in accordance with the ASHARA amendments to AHERA, of the on-site structure. Mr. Lawrence, an AHERA (Asbestos Hazard Emergency Response Act)-certified asbestos building inspector/management planner (Certificate No 5873), inspected the on-site structure. A total of 35 bulk samples were collected and submitted for analysis. These samples were taken from representative building materials (e.g., gypsum wallboard/joint compound systems, various types of floor tile and mastic adhesives, various types of ceiling tiles). The samples were analyzed by Analytical Environmental Services, Inc., NVLAP ID No. 102033-0, utilizing the "Method for the Determination of Asbestos in Bulk Building Material", EPA Method 600/R-93/116.

Based upon a review of the analytical report, asbestos was encountered in the 12-in by 12-in off-white floor tile and mastic adhesive located in the rear storage area of the former Winn-Dixie grocery store (currently Chuck's Sneakers and Cleats). We estimate approximately 3,000 square feet of asbestos-containing floor tile exists. Please note that we could not access the Comunidade Evangelica Sara Nossa Terra (Brazilian church). Additionally, the roofing materials were not sampled. We assume (under the ASHARA reauthorization of AHERA) the roofing materials to be asbestos-containing. The laboratory analytical report may be found in Appendix C.

SITE LOCATION/TOPOGRAPHIC MAP

TOPOGRAPHIC MAP - 358620.1S - CORE PROPERTY SCIENCES



- / Major Roads
- ▬ Contour Lines
- ∧ Waterways
-) Earthquake epicenter, Richter 5 or greater
- Closest Federal Well in quadrant
- Closest State Well in quadrant
- Closest Public Water Supply Well



▨ Wildlife Areas



TARGET PROPERTY: New Market Mall
 ADDRESS: Shawnee Trail at Roswell Rd
 CITY/STATE/ZIP: Marietta GA 30067
 LAT/LONG: 33.9490 / 84.4927

CUSTOMER: Core Property Sciences
 CONTACT: Ms. Angela Baldwin
 INQUIRY #: 358620.1s
 DATE: April 14, 1999 11:51 am

GEOCHECK VERSION 2.1 SUMMARY

WILDLIFE RESOURCES DIVISION STATE OWNED LANDS:

NAME

Not Reported

PUBLIC WATER SUPPLY SYSTEM INFORMATION

Searched by Nearest PWS.

NOTE: PWS System location is not always the same as well location.

PWS Name: COBB COUNTY-MARIETTA
COBB CO.-MARIETTA WATER AUTH.
1660 BARNES MILL ROAD
MARIETTA, GA 30062

Location Relative to TP: >2 Miles North

PWS currently has or has had major violation(s): No

AREA RADON INFORMATION

EPA Radon Zone for COBB County: 1

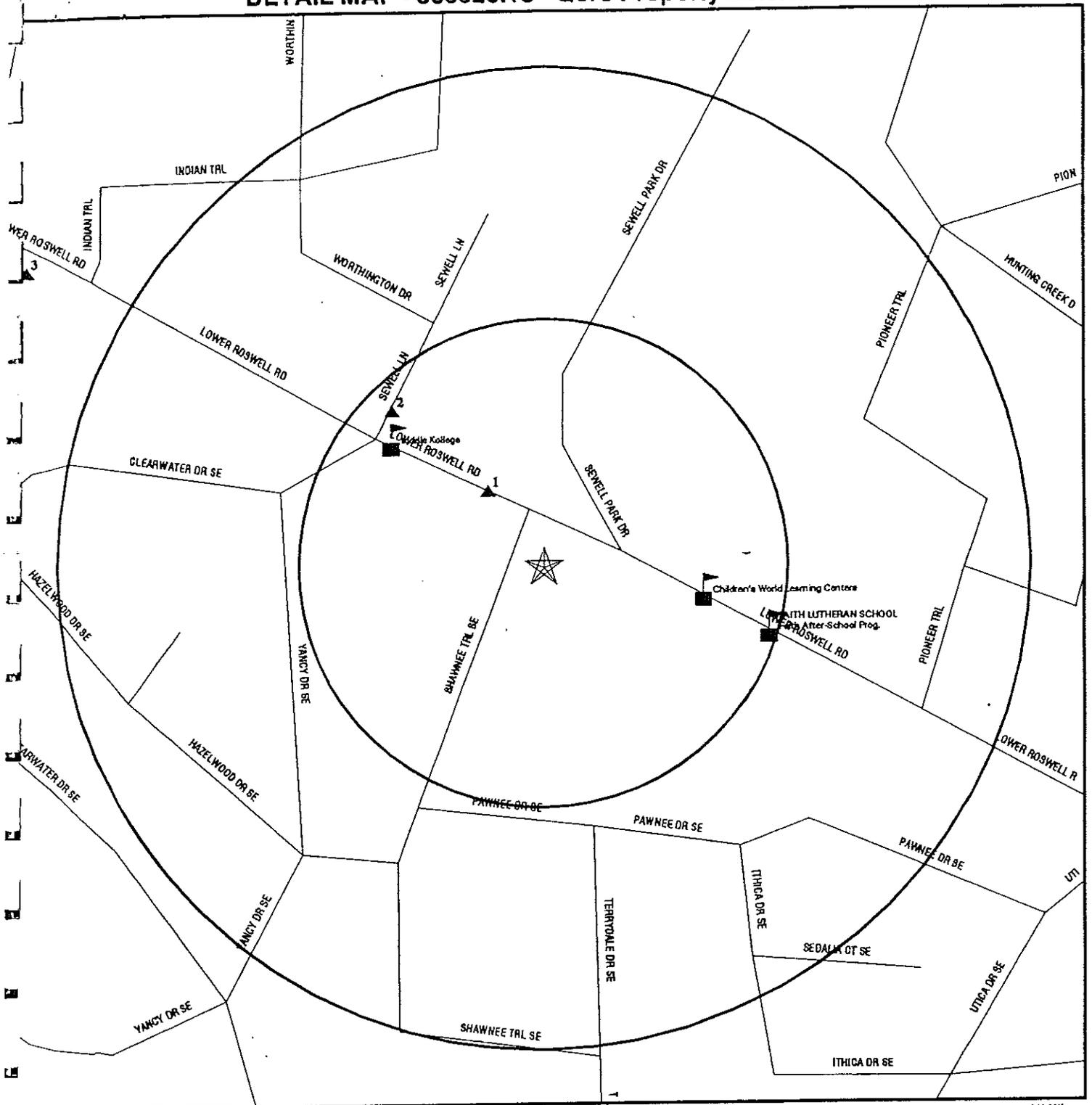
Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Zip Code: 30067

Number of sites tested: 4

<u>Area</u>	<u>Average Activity</u>	<u>% <4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% >20 pCi/L</u>
Living Area - 1st Floor	1.975 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	2.500 pCi/L	100%	0%	0%

DETAIL MAP - 358620.1S - CORE PROPERTY SCIENCES



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Coal Gasification Sites (if requested)
- Sensitive Receptors
- National Priority List Sites
- Landfill Sites

- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone

TARGET PROPERTY: New Market Mall
 ADDRESS: Shawnee Trail at Roswell Rd
 CITY/STATE/ZIP: Marietta GA 30067
 CONTACT: AT/1 ONG: 33.9490 / 84.4927

CUSTOMER: Core Property Sciences
 CONTACT: Ms. Angela Baldwin
 INQUIRY #: 358620.1s
 DATE: April 14, 1999 11:50 am

**MAP FINDINGS SUMMARY SHOWING
ONLY SITES HIGHER THAN OR THE SAME ELEVATION AS TP**

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NPL		1.000	0	0	0	0	NR	0
Delisted NPL	TP		NR	NR	NR	NR	NR	0
RCRIS-TSD		0.500	0	0	0	NR	NR	0
State Haz. Waste		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP	TP		NR	NR	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
LUST		0.500	2	0	3	NR	NR	5
UST		0.250	2	0	NR	NR	NR	2
RAATS	TP		NR	NR	NR	NR	NR	0
RCRIS Sm. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRIS Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
HMIRS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ERNS	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
NPL Liens	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
ROD		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
GA Spills	TP		NR	NR	NR	NR	NR	0
Nonhaz Site Inv		0.500	0	0	0	NR	NR	0
Coal Gas		1.000	0	0	0	0	NR	0

TP = Target Property

NR = Not Requested at this Search Distance

* Sites may be listed in more than one database

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CIRCLE K STORE #5268 (Continued)

U001475704

Facility ID:	0330398	Total Tanks:	Not reported
Telephone:	(770) 578-9555		
Tank ID:	3		
Capacity:	10000	Date Installed:	10/01/86
Status:	Currently in Use	Date Closed:	Not reported
Inert Material:	Not reported	Age:	11
Removed:	No	Closed:	No
Product:	Gasoline		
Overfill Protection:	Yes		
Material:	Lined Interior Fiberglass/Plastic		
Spill Protection:	Yes		
Tank Release Detection:	Tnk Tightness Testing Inventory Control		
Pipe Release Detection:	Auto Line Leak Detectors Line Tightness Testing		
Pipe Type Description:	Galvanized Steel		
Non-eligible:	No		
Fed Regulated Tank:	Yes		
Tank Last Used:	No		
Owner:	Not reported		
	Not reported		
	Not reported		
Owner County:	Not reported		
Owner Phone	Not reported		

2
 NW
 < 1/8
 585
 Higher

COBB AUTO REPAIR/FINA #131-6687
2011 LOWER ROSWELL RD @ SEWELL
MARIETTA, GA 30060

UST
 LUST

U001475684
 N/A

LUST:

Facility ID: 0-330369
 Release Date: 07-16-1991

UST:

Facility ID:	0330369	Total Tanks:	Not reported
Telephone:	(770) 578-1962		
Tank ID:	604758		
Capacity:	8000	Date Installed:	10/24/91
Status:	Currently in Use	Date Closed:	Not reported
Inert Material:	Not reported	Age:	6
Removed:	No	Closed:	No
Product:	Gasoline		
Overfill Protection:	Yes		
Material:	Fiberglass/Plastic		
Spill Protection:	Yes		
Tank Release Detection:	Tnk Tightness Testing Inventory Control		
Pipe Release Detection:	Line Tightness Testing Double Walled Tank		
Pipe Type Description:	Fiberglass/Plastic Double Walled		
Non-eligible:	No		
Fed Regulated Tank:	Yes		
Tank Last Used:	No		
Owner:	Not reported		
	Not reported		
	Not reported		
Owner County:	Not reported		
Owner Phone	Not reported		

Facility ID: 0330369

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

Database(s)

COBB AUTO REPAIR/FINA #131-6687 (Continued)

U001475684

Tank Last Used: No
 Owner: Not reported
 Not reported
 Not reported
 Owner County: Not reported
 Owner Phone: Not reported

Facility ID: 0330369
 Telephone: (770) 578-1962
 Tank ID: 3
 Capacity: 5000
 Status: Removed from Ground 05-01-91
 Inert Material: Not reported
 Removed: Yes
 Product: Gasoline
 Overfill Protection: No
 Material: Steel Cathodically Prot. Steel
 Spill Protection: No
 Pipe Type Description: Galvanized Steel
 Non-eligible: No
 Fed Regulated Tank: Yes
 Tank Last Used: No
 Owner: Not reported
 Not reported
 Not reported
 Owner County: Not reported
 Owner Phone: Not reported

Total Tanks: Not reported
 Date Installed: 01/01/68
 Date Closed: 05/01/91
 Age: 30
 Closed: No

Facility ID: 0330369
 Telephone: (770) 578-1962
 Tank ID: 4
 Capacity: 5000
 Status: Removed from Ground 05-02-91
 Inert Material: Not reported
 Removed: Yes
 Product: Gasoline
 Overfill Protection: No
 Material: Steel Cathodically Prot. Steel
 Spill Protection: No
 Pipe Type Description: Galvanized Steel
 Non-eligible: No
 Fed Regulated Tank: Yes
 Tank Last Used: No
 Owner: Not reported
 Not reported
 Not reported
 Owner County: Not reported
 Owner Phone: Not reported

Total Tanks: Not reported
 Date Installed: 01/01/68
 Date Closed: 05/02/91
 Age: 30
 Closed: No

Facility ID: 0330369
 Telephone: (770) 578-1962
 Tank ID: 5
 Capacity: 550
 Status: Removed from Ground 05-02-91
 Inert Material: Not reported
 Removed: Yes
 Product: Used Oil

Total Tanks: Not reported
 Date Installed: 01/01/69
 Date Closed: 05/02/91
 Age: 29
 Closed: No

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

EXXON #40513 (Continued)

U001475706

Non-eligible: No
 Fed Regulated Tank: Yes
 Tank Last Used: No
 Owner: Not reported
 Not reported
 Not reported
 Owner County: Not reported
 Owner Phone: Not reported

Facility ID: 0330402
 Telephone: (770) 977-4014 Total Tanks: Not reported
 Tank ID: 2
 Capacity: 10000 Date Installed: 01/01/87
 Status: Currently in Use Date Closed: Not reported
 Inert Material: Not reported Age: 11
 Removed: No Closed: No
 Product: Gasoline
 Overfill Protection: No
 Material: Lined Interior Fiberglass/Plastic
 Spill Protection: No
 Tank Release Detection: Trnk Tightness Testing Inventory Control
 Pipe Release Detection: Auto Line Leak Detectors Line Tightness Testing
 Pipe Type Description: Fiberglass/Plastic
 Non-eligible: No
 Fed Regulated Tank: Yes
 Tank Last Used: No
 Owner: Not reported
 Not reported
 Not reported
 Owner County: Not reported
 Owner Phone: Not reported

Facility ID: 0330402
 Telephone: (770) 977-4014 Total Tanks: Not reported
 Tank ID: 3
 Capacity: 10000 Date Installed: 01/01/87
 Status: Currently in Use Date Closed: Not reported
 Inert Material: Not reported Age: 11
 Removed: No Closed: No
 Product: Gasoline
 Overfill Protection: No
 Material: Lined Interior Fiberglass/Plastic
 Spill Protection: No
 Tank Release Detection: Trnk Tightness Testing Inventory Control
 Pipe Release Detection: Auto Line Leak Detectors Line Tightness Testing
 Pipe Type Description: Fiberglass/Plastic
 Non-eligible: No
 Fed Regulated Tank: Yes
 Tank Last Used: No
 Owner: Not reported
 Not reported
 Not reported
 Owner County: Not reported
 Owner Phone: Not reported

Facility ID: 0330402
 Telephone: (770) 977-4014 Total Tanks: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

BP #01390/GULF (Continued)

U001490479

Status:	Removed from Ground UNK	Date Closed:	12/04/89
Inert Material:	Not reported	Age:	8
Removed:	Yes	Closed:	No
Product:	Gasoline		
Overfill Protection:	No		
Material:	Fiberglass/Plastic		
Spill Protection:	No		
Tank Release Detection:	Tnk Tightness Testing Inventory Control Groundwater Monitoring		
Pipe Release Detection:	Auto Line Leak Detectors Line Tightness Testing Groun		
Pipe Type Description:	Fiberglass/Plastic		
Non-eligible:	No		
Fed Regulated Tank:	Yes		
Tank Last Used:	No		
Owner:	Not reported		
	Not reported		
	Not reported		
Owner County:	Not reported		
Owner Phone	Not reported		

Facility ID:	9033052	Total Tanks:	Not reported
Telephone:	Not reported		
Tank ID:	3		
Capacity:	10000	Date Installed:	02/16/90
Status:	Removed from Ground UNK	Date Closed:	12/04/89
Inert Material:	Not reported	Age:	8
Removed:	Yes	Closed:	No
Product:	Gasoline		
Overfill Protection:	No		
Material:	Fiberglass/Plastic		
Spill Protection:	No		
Tank Release Detection:	Tnk Tightness Testing Inventory Control Groundwater Monitoring		
Pipe Release Detection:	Auto Line Leak Detectors Line Tightness Testing Groun		
Pipe Type Description:	Fiberglass/Plastic		
Non-eligible:	No		
Fed Regulated Tank:	Yes		
Tank Last Used:	No		
Owner:	Not reported		
	Not reported		
	Not reported		
Owner County:	Not reported		
Owner Phone	Not reported		

5
 SW
 1/4-1/2
 2254
 Lower

CHEVRON #201826
 288 POWERS FERRY RD @ SOUTH MARIETTA PKWY-LOOP
 MARIETTA, GA 30067

UST
LUST **U001475900**
 N/A

LUST:
 Facility ID: 0-330641
 Release Date: 11-22-1991

UST:
 Facility ID: 0330641
 Telephone: (770) 977-9659
 Tank ID: 1
 Capacity: 10000
 Status: Currently in Use
 Inert Material: Not reported

Total Tanks:	Not reported
Date Installed:	01/03/85
Date Closed:	Not reported
Age:	13

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation	Site	Database(s)	

CHEVRON #201826 (Continued)

U001475900

Owner:	Not reported
	Not reported
	Not reported
Owner County:	Not reported
Owner Phone	Not reported

6
WNW
1/4-1/2
2500
Higher

FORMER EXXON SERVICE STATION
1784 LOWER ROSWELL RD
MARIETTA, GA 30067

LUST

S103086890
N/A

LUST:

Facility ID:	0-330610
Release Date:	03-13-1998
Facility ID:	0-330610
Release Date:	05-06-1991

**GEOCHECK VERSION 2.1 ADDENDUM
FEDERAL DATABASE WELL INFORMATION**

Well Closest to Target Property (Northern Quadrant)

BASIC WELL DATA

Site ID:	335918084275401	Distance from TP:	>2 Miles
Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1974	County:	Cobb
Altitude:	1000.00 ft.	State:	Georgia
Well Depth:	205.00 ft.	Topographic Setting:	Valley flat
Depth to Water Table:	Not Reported	Prim. Use of Site:	Withdrawal of water
Date Measured:	Not Reported	Prim. Use of Water:	Domestic

LITHOLOGIC DATA

Not Reported

WATER LEVEL VARIABILITY

Not Reported

GEOCHECK VERSION 2.1
PUBLIC WATER SUPPLY SYSTEM INFORMATION

Searched by Nearest PWS.

PWS SUMMARY:

PWS ID:	GA0670002	PWS Status:	Active	Distance from TP:	>2 Miles
Date Initiated:	Not Reported	Date Deactivated:	Not Reported	Dir relative to TP:	North
PWS Name:	COBB COUNTY-MARIETTA COBB CO.-MARIETTA WATER AUTH. 1660 BARNES MILL ROAD MARIETTA, GA 30062				

Addressee / Facility: Not Reported

Facility Latitude:	33 56 46	Facility Longitude:	084 24 22
Facility Latitude:	33 59 18	Facility Longitude:	084 30 42
Facility Latitude:	34 05 46	Facility Longitude:	084 42 34
City Served:	Not Reported		
Treatment Class:	Treated	Population Served:	Under 101 Persons

PWS currently has or has had major violation(s): No

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FEDERAL NON-ASTM RECORDS:

BRS: Biennial Reporting System

Source: EPA/NTIS

Telephone: 800-424-9346

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage and Disposal Facilities.

Date of Government Version: 12/31/95

Database Release Frequency: Biennially

Date of Last EDR Contact: 03/25/99

Date of Next Scheduled EDR Contact: 06/21/99

CONSENT: Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices

Telephone: Varies

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: Varies

Database Release Frequency: Varies

Date of Last EDR Contact: Varies

Date of Next Scheduled EDR Contact: N/A

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report

Source: EPA/NTIS

Telephone: N/A

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 01/08/99

Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/12/99

Date of Next Scheduled EDR Contact: 04/12/99

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation

Telephone: 202-366-4526

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/97

Database Release Frequency: Annually

Date of Last EDR Contact: 03/24/99

Date of Next Scheduled EDR Contact: 04/26/99

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 12/08/98

Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/02/99

Date of Next Scheduled EDR Contact: 05/31/99

NPL LIENS: Federal Superfund Liens

Source: EPA

Telephone: 205-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 02/22/98

Date of Next Scheduled EDR Contact: 05/24/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STATE OF GEORGIA ASTM RECORDS:

LUST: List of Leaking Underground Storage Tanks

Source: Environmental Protection Division
Telephone: 404-362-2687

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 08/01/98
Date Made Active at EDR: 12/24/98
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/28/98
Elapsed ASTM days: 87
Date of Last EDR Contact: 02/19/99

SHWS: Hazardous Site Inventory

Source: Department of Environmental Protection
Telephone: 404-657-8600

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 07/01/98
Date Made Active at EDR: 10/09/98
Database Release Frequency: Annually

Date of Data Arrival at EDR: 07/24/98
Elapsed ASTM days: 77
Date of Last EDR Contact: 03/15/99

LF: Solid Waste Disposal Facilities

Source: Department of Natural Resources
Telephone: 404-362-2696

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 12/21/98
Date Made Active at EDR: 02/08/99
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 01/04/99
Elapsed ASTM days: 35
Date of Last EDR Contact: 03/08/99

UST: Underground Storage Tank Database

Source: Environmental Protection Division
Telephone: 404-362-2687

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 02/01/98
Date Made Active at EDR: 07/27/98
Database Release Frequency: Annually

Date of Data Arrival at EDR: 06/29/98
Elapsed ASTM days: 28
Date of Last EDR Contact: 03/19/99

STATE OF GEORGIA NON-ASTM RECORDS:

NON HSI: Non-Hazardous Site Inventory

Source: Rindt-McDuff Associates, Inc.
Telephone: N/A

This list was obtained by EDR in 1998 and contains property listings that have reported contamination of soil or groundwater under the Georgia Hazardous Site Response Act (HSRA). These sites were not placed on the Georgia Priority list (Hazardous Site Inventory or HSI) because their hazard evaluation scores did not exceed the threshold levels established for sites posing an imminent threat to health or the environment. Disclaimer provided by Rindt-McDuff Associates - the database information has been obtained from publicly available sources produced by other entities. While reasonable steps have been taken to insure the accuracy of the data, RMA does not guarantee the accuracy of the data. No claim is made for the actual existence of pollution at any site. This data does not constitute a legal opinion.

Date of Government Version: 01/04/99
Database Release Frequency: Annually

Date of Last EDR Contact: 03/08/99
Date of Next Scheduled EDR Contact: 04/12/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SWDIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

Area Radon Information: The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones: Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

Oil/Gas Pipelines/Electrical Transmission Lines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines and electrical transmission lines.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

USGS Water Wells: In November 1971 the United States Geological Survey (USGS) implemented a national water resource information tracking system. This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on more than 900,000 wells, springs, and other sources of groundwater.

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1996 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in March 1997 from the U.S. Fish and Wildlife Service.

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Water Dams: National Inventory of Dams

Source: Federal Emergency Management Agency

Telephone: 202-646-2801

National computer database of more than 74,000 dams maintained by the Federal Emergency Management Agency.

Georgia Public Supply Wells

Source: Georgia Department of Community Affairs

Telephone: 404-894-0127

ASBESTOS ANALYTICAL RESULTS
CHAIN OF CUSTODY DOCUMENTATION

ANALYTICAL ENVIRONMENTAL SERVICES, INC.
 1st Presidential Parkway, Suite 111
 Atlanta, GA. 30340

NVLAP # 102033
 PH: (770) 457-8177
 FAX: (770) 457-8188

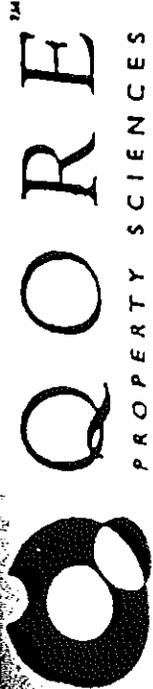
POLARIZED LIGHT MICROSCOPY (PLM) BULK SAMPLE SUMMARY

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

CLIENT NAME: Qora Property Sciences
 PROJECT NAME: New Market Shopping Ctr.
 MICROANALYST: Arkadiy Gendlin

AES JOB #: 88571
 DATE RECEIVED: 04/21/99
 DATE ANALYZED: 04/22/99

CLIENT I.D.	AES LAB NUMBER	SAMPLE LOCATION	% OF ASBESTOS	TYPE OF ASBESTOS	COMMENTS
NMS-101	128016	Cleaners Restroom / 12x12 Green FT / Mastic	ND		
NMS-102	128017	Cleaners Restroom / 12x12 Green FT / Mastic	ND		
NMS-103	128018	Cleaners Restroom / 2x4 Ceiling Tile	ND		
NMS-104	128019	Cleaners Front Area / 2x4 Ceiling Tile	ND		
NMS-105	128020	Cleaners Front Area / Gypsum Wallboard	ND		
NMS-106	128021	Cleaners Back Wall @ Washer / Gypsum Wallboard	ND		
NMS-107	128022	Exterior Overhang @ Cleaners / 2x4 Gyp Ceiling Tile	ND		
NMS-108	128023	Exterior Overhang @ Easy Cuts / 2x4 Gyp. Ceiling Tile	ND		
NMS-109	128024	Easy Cuts Waiting Area / 12x12 Grey Floor Tile / Mastic	ND		
NMS-110	128025	Easy Cuts Laundry Room / 12x12 Grey Floor Tile / Mastic	ND		
NMS-111	128026	Easy Cuts Back Room / 2x4 Ceiling Tile	ND		
NMS-112	128027	Easy Cuts Hallway Light Switch / Gypsum Wallboard	ND		
NMS-113	128028	All Star Pizza Kitchen / 12x12 Ivory Floor Tile / Mastic	ND		
NMS-114	128029	All Star Pizza Kitchen Prep Area / 12x12 Ivory FT / Mastic	ND		
NMS-115	128030	All Star Pizza Customer Area / 2x2 Drop Thru Ceiling Tile	ND		
NMS-116	128031	All Star Pizza Customer Area / 2x2 Drop Thru Ceiling Tile	ND		
NMS-117	128032	All Star Pizza / Gypsum Wallboard	ND		
NMS-118	128033	Gold's Gym / 2x4 Ceiling Tile	ND		
NMS-119	128034	Gold's Gym Entry Way / 12x12 Black FT / Mastic	ND		
NMS-120	128035	Gold's Gym Front Desk / 12x12 Black FT / Mastic	ND		
NMS-121	128036	Gold's Gym Front Desk / 12x12 White FT / Mastic	ND		
NMS-122	128037	Gold's Gym @ Nursery Door / 12x12 White FT / Mastic	ND		
NMS-123	128038	Gold's Gym Nursery Restroom / Gyp. Wallboard	ND		
NMS-124	128039	Shoe Store / 12x12 Off-White Floor Tile / Mastic	ND		
NMS-125	128040	Shoe Store / 12x12 Off-White	ND		
NMS-126	128041	Shoe Store / 12x12 Green	ND		
NMS-127	128042	Shoe Store / 12x12 Green	ND		
NMS-128	128043	Shoe Store / 12x12 Tan Floot Tile / Mastic	ND		1
NMS-129	128044	Shoe Store / 12x12 Tan Floot Tile / Mastic	ND		
NMS-130	128045	Shoe Store / 12x12 Red Floot Tile / Mastic	ND		
NMS-131	128046	Shoe Store / 12x12 Red Floot Tile / Mastic	ND		
NMS-132	128047	Shoe Store / 2x4 Ceiling Tile	ND		



BULK SAMPLING RESULTS

PROPERTY SCIENCES

1420 Abbas Creek Parkway, Duluth, Georgia, 30097
 (770) 476-3555 phone (770) 476-8930 fax

PROJECT NUMBER:
 PROJECT NAME:
 PROJECT LOCATION:
 CLIENT NAME:
 PROJECT MANAGER:

pg 4/4
 New Market Shopping Center
 Marietta GA
 Peoples Corp
 of Lawrence

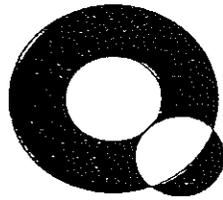
LAB SAMPLE ID	LOCATION	DATE	TIME	DEPTH	CONTAINER	ANALYSIS	RESULTS	REMARKS
AMS 128	Box Store							
AMS 129								
AMS 130								
AMS 131								
AMS 132								
AMS 133								
AMS 134								
AMS 135								

REQUESTOR ANALYSIS: Asbestos
 COLLECTED BY: [Signature]
 TRANSPORTED BY: [Signature]
 RELINQUISHED BY: [Signature]
 LAB CUSTOMER: [Signature]
 LAB ANALYSIS: [Signature]

DATE/TIME: 4/21/04
 DATE/TIME: 4/21/04
 DATE/TIME: 4/21/04
 DATE/TIME: 4/21/04

SAMPLE STORAGE: (Standard storage is for 45 days from receipt of sample at PLH lab prior to disposal)
 Note Other Storage:

HOMOGENEOUS AREA # - N.A.#
 ACTINOLITE/IRISMOLITE - AS/IA
 ANTHOPHILITE - AMH
 CHRYSOPILE - CHR
 EXP.#
 ANOSILITE - ANOS
 AMBER RANK - AMR



Q O R ETM

PROPERTY SCIENCES

**REPORT OF
LIMITED PHASE II ASSESSMENT**

ACL

3039 Amwiler Road • Suite 100 • Atlanta, GA 30360 • P. O. Box 88610 • Atlanta, GA 30356 • (770) 409-1444 • Fax (770) 409-1844

ADVANCED CHEMISTRY LABS, INC.

CHAIN-OF CUSTODY RECORD AND ANALYSIS REQUEST

ANALYSIS REQUEST

Company Name: ROBE INC Phone #: 470, 476, 5555

Company Address: 11420 Johns Ct Perry GA 31067 Fax #: 770, 476, 8930

Project Manager: J. K. ... Client Project: (#) 20129

I attest that the proper field sampling procedures were used during the collection of these samples. (Name) New ... Sampler Name (Print):

Table with columns: Field Sample ID, # Container, Matrix (Water, Soil, Air, Sludge, Product, Other, HCl, HNO3, H2SO4, Ice, None, Other), Method Preserved, Sampling Date, Time, BTEX, PAH, VOC's, and Remarks.

Special Reporting Requirements, Lab Use Only, ACL Project #, Cooler Temp., TAT, Priority, Rush, P.O., QA/QC Level, Special Handling.

CUSTODY RECORD, Relinquished by: Sampler, Relinquished by: Date, Time, Received by: Date, Time, Received by: Date, Time.

Phone: (770) 409-1444
 Fax: (770) 409-1844
 Outside GA: (800) 277-0520

3039 Amwiler Road • Suite 100 • Atlanta, GA 30360
 P.O. Box 88610 • Atlanta, GA 30356
<http://www.mindspring.com/~acl>
 e-mail: acl@mindspring.com

VOLATILE ORGANICS (5030B/8021B)

Client: QORE Property Sciences
 11420 Johns Creek Pkwy
 Duluth, GA 30155

Client Project No: 20129 / New Market Mall
 ACL Project No: 29164
 Date Received: 06-02-99
 Date Reported: 06-10-99

Contact: Mr. Jim Lawrence

Sample ID:	MW-4	MW-5	
ACL Sample No:	141445	141446	
Date Sampled:	06-02-99	06-02-99	
Date Extracted:	----	----	
Date Analyzed:	06-09-99	06-09-99	
Matrix:	Water	Water	
Units:	µg/liter	µg/liter	
Analyst:	RP	RP	

Compound	Result	Det. Limit	Result	Det. Limit	Result	Det. Limit
Benzene	BDL	1.0	BDL	1.0		
Bromodichloromethane	BDL	1.0	BDL	1.0		
Bromoform	BDL	1.0	BDL	1.0		
Bromomethane	BDL	2.0	BDL	2.0		
Carbon tetrachloride	BDL	1.0	BDL	1.0		
Chlorobenzene	BDL	1.0	BDL	1.0		
Chloroethane	BDL	2.0	BDL	2.0		
2-Chloroethylvinyl ether	BDL	1.0	BDL	1.0		
Chloroform	BDL	1.0	2.3	1.0		
Chloromethane	BDL	2.0	BDL	2.0		
Dibromochloromethane	BDL	1.0	BDL	1.0		
1,2-Dichlorobenzene	BDL	1.0	BDL	1.0		
1,3-Dichlorobenzene	BDL	1.0	BDL	1.0		
1,4-Dichlorobenzene	BDL	1.0	BDL	1.0		
Dichlorodifluoromethane	BDL	2.0	BDL	2.0		
1,1-Dichloroethane	BDL	1.0	BDL	1.0		
1,2-Dichloroethane	BDL	1.0	BDL	1.0		
1,1-Dichloroethene	BDL	1.0	BDL	1.0		
cis-1,2-Dichloroethene	5.3	1.0	BDL	1.0		
trans-1,2-Dichloroethene	BDL	1.0	BDL	1.0		
1,2-Dichloropropane	BDL	1.0	BDL	1.0		
cis-1,3-Dichloropropene	BDL	1.0	BDL	1.0		
trans-1,3-Dichloropropene	BDL	1.0	BDL	1.0		
Ethyl benzene	BDL	1.0	BDL	1.0		
Methylene chloride	BDL	1.0	BDL	1.0		
1,1,2,2-Tetrachloroethane	BDL	1.0	BDL	1.0		
Tetrachloroethene	BDL	1.0	64	1.0		
Toluene	BDL	1.0	BDL	1.0		
1,1,1-Trichloroethane	BDL	1.0	BDL	1.0		
1,1,2-Trichloroethane	BDL	1.0	BDL	1.0		
Trichloroethene	BDL	1.0	BDL	1.0		
Trichlorofluoromethane	BDL	1.0	BDL	1.0		
Vinyl chloride	BDL	2.0	BDL	2.0		
Xylenes (total)	BDL	1.0	BDL	1.0		

BDL = Below Detection Limit

.1 = Less Than Detection Limit Approximate Value

Phone: (770) 409-1444
 Fax: (770) 409-1844
 Outside GA: (800) 277-0520

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<http://www.mindspring.com/~acl>
 e-mail: acl@mindspring.com

BTEX (5030B / 8021B)

Client: QORE Property Sciences
 11420 Johns Creek Pkwy
 Duluth, GA 30155

Client Project No: 20129 / New Market Mall
 ACL Project No: 29164
 Date Received: 06-02-99
 Date Reported: 06-10-99

Contact: Mr. Jim Lawrence

Sample ID:	MW-1	MW-2	MW-3
ACL Sample No:	141442	141443	141444
Date Sampled:	06-02-99	06-02-99	06-02-99
Date Extracted:	----	----	----
Date Analyzed:	06-08-99	06-08-99	06-08-99
Matrix:	Water	Water	Water
Units:	µg/liter	µg/liter	µg/liter
Analyst:	RP	RP	RP

Compound	MW-1		MW-2		MW-3	
	Result	Det. Limit	Result	Det. Limit	Result	Det. Limit
Benzene	BDL	1.0	BDL	1.0	BDL	1.0
Toluene	BDL	1.0	BDL	1.0	BDL	1.0
Ethyl benzene	BDL	1.0	BDL	1.0	BDL	1.0
Xylenes (total)	BDL	1.0	BDL	1.0	BDL	1.0
% Surrogate Recovery	95.5		95.6		95.8	

BDL = Below Detection Limit

J = Less Than Detection Limit, Approximate Value

John Andros / AJB
John Andros, Lab Manager

CLIENT: Reserve Corporation JOB NO: 20129 WELL NO: MW-2
 LOCATION: Marietta, Cobb County, Georgia LOGGED BY: J. Lawrence
 DATE INSTALLED: 5/28/99 DRILLER: QORE, Inc./Drilling Division
 PURPOSE: MONITOR RECOVERY WATER SUPPLY TEST OTHER Temp. Piezometer

CONSTRUCTION DATA

DRILLING METHOD: 3 1/2" ID HSA
 WELL TYPE: Temp. Piezometer
 WELL DEPTH(BGS) ±24.91 FEET

CASING/SCREEN/OPEN HOLE

MATERIAL	SCREEN	CASING
DIAMETER(IN.)	2.0	2.0
INTERVAL FROM -	25	15
(FT. BGS.) TO -	15	±0
LENGTH(FT.)	10	15
BORE HOLE DIA.(IN.)	±8	±8
SLOT SIZE(IN.)	0.010	-

ANNULUS MATERIAL

MATERIAL:	SAND	BENTONITE	CEMENT
INTERVAL FROM -	25	13	N/A
(FT. BGS.) TO -	13	9.7	
LENGTH(FT.)	12	3.3	

HYDROGEOLOGIC DATA

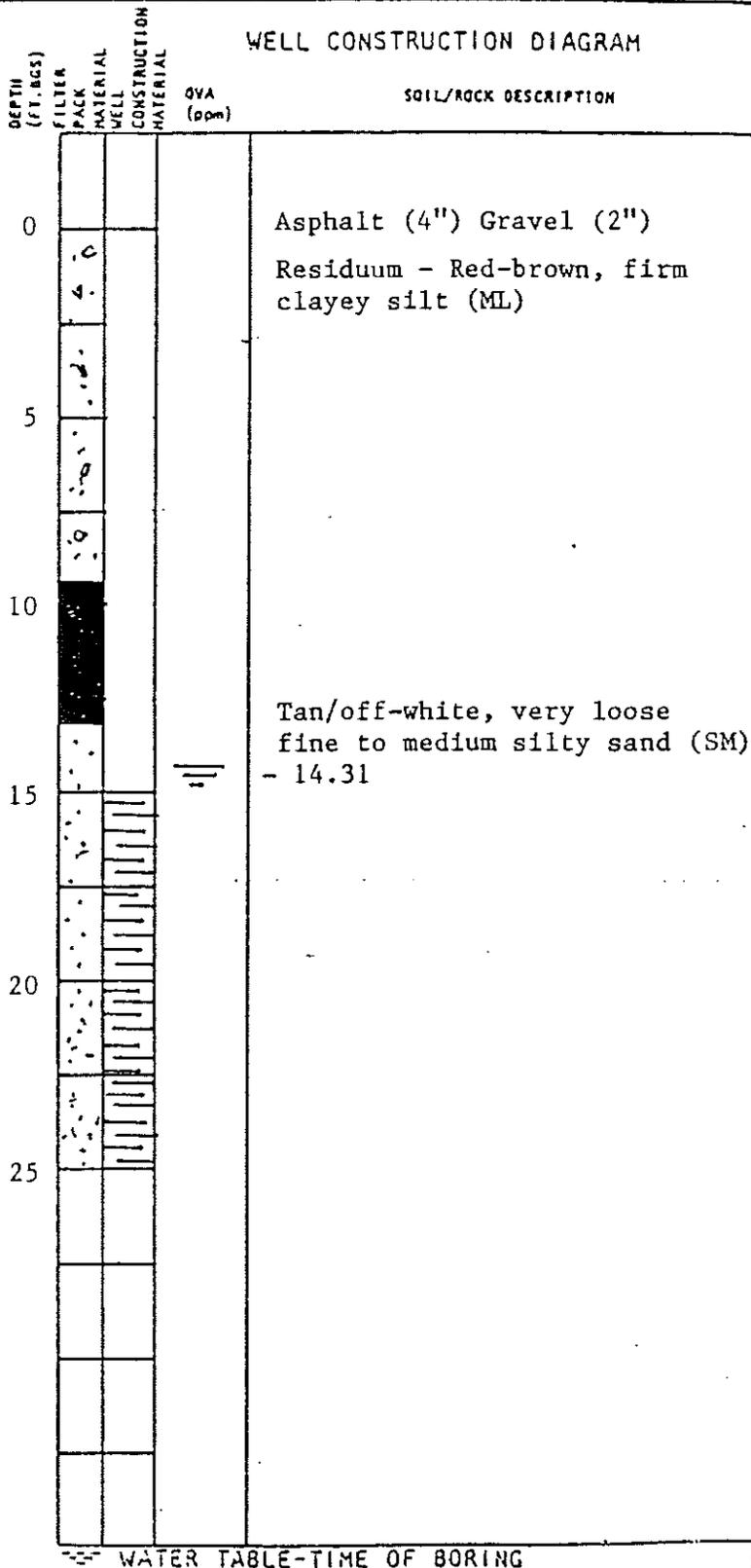
AQUIFER TYPE: Surficial
 SPECIFIC CAPACITY: Not Determined gpm/ft.
 TRANSMISSIVITY: " gpd/ft.
 STORAGE COEFFICIENT/SPECIFIC YIELD: _____
 DEPTH TO WATER(BTOC) 14.13 FT.
 DATE/TIME 6/2/99 @ 1200

ELEVATION DATA

GROUND ELEVATION: _____
 CASING STICKUP: _____ FT.
 TOC ELEVATION: _____ FT.
 SURVEYED BY: _____

COMMENTS:

WELL CONSTRUCTION DIAGRAM

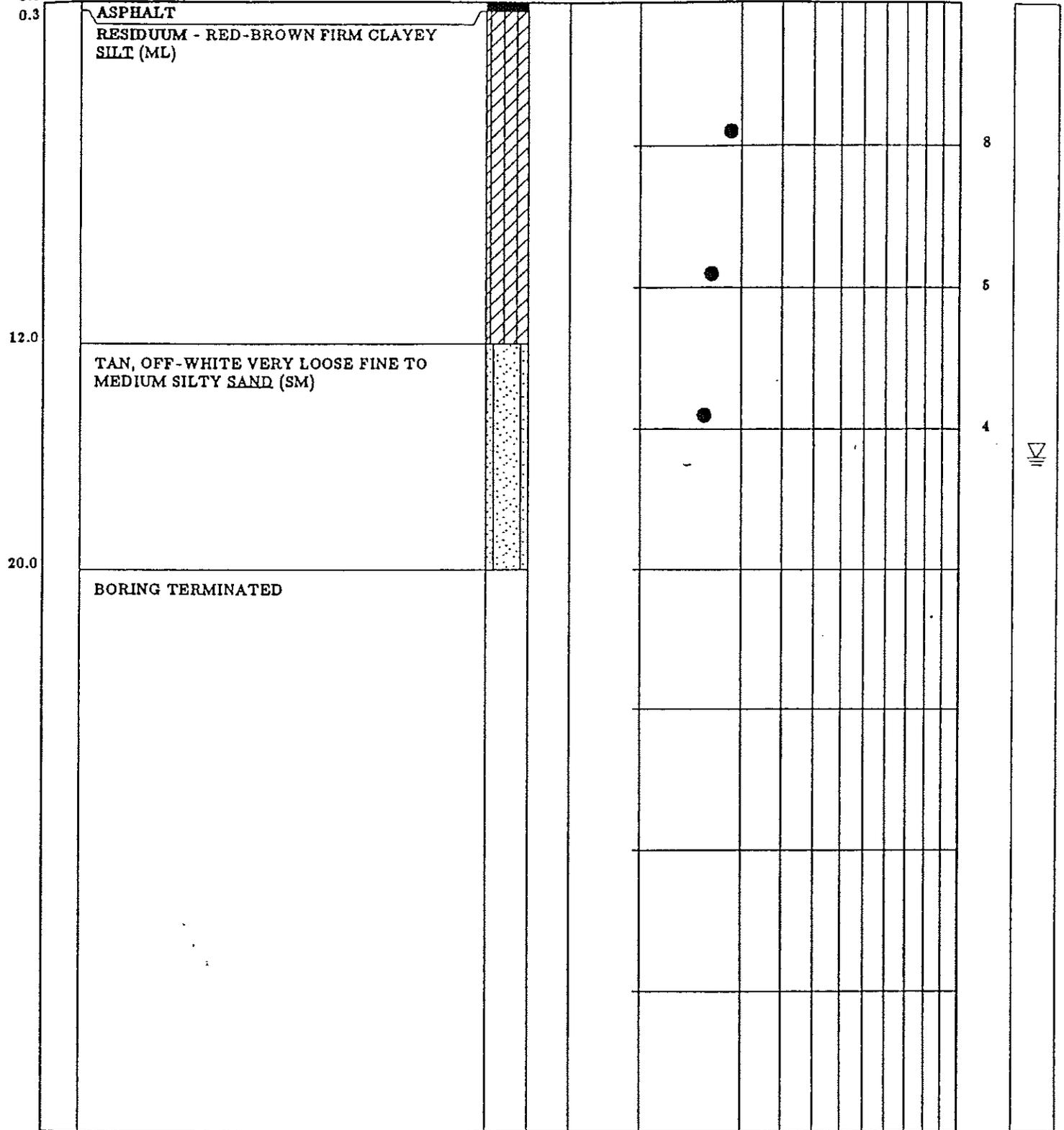


DEPTH
FT.
0.0
0.3

DESCRIPTION

ELEV PENETRATION-BLOWS PER FT.

0 10 20 40 60 80 100



QORE PROPERTY SCIENCES

TEST BORING RECORD

BORING AND SAMPLING - ASTM D-1586
CORE DRILLING - ASTM D-2113

PENETRATION IS THE NUMBER OF BLOWS OF 140 LB. HAMMER FALLING 30 IN. REQUIRED TO DRIVE 1.4 IN. I.D. SAMPLER 1 FT.

- UNDISTURBED SAMPLE
- 50% % ROCK CORE RECOVERY
- WATER TABLE 24 HR.
- WATER TABLE, T.O.D.
- LOSS OF DRILLING WATER

BORING NO. SB-4 (pg. 1 of 1)
DATE DRILLED 5-28-99
REPORT NO. _____
JOB NO. 20129

PLATE 1 --SOIL BORING/MONITORING WELL LOCATION PLAN

MONITORING WELL COMPLETION LOGS

LABORATORY ANALYTICAL REPORTS

CHAIN-OF-CUSTODY DOCUMENTATION

In performing this site assessment, QORE, Inc. has endeavored to observe that degree of care and skill exercised by other consultants undertaking similar studies at the same time, under similar circumstances and conditions, and in the same geographic area. No warranty is expressed or implied.

The laboratory analytical data are based upon conditions that existed on the dates these samples were collected. The concentrations of "contaminants" measured may not be representative of conditions between locations of samples. Conclusions about site conditions under no circumstances comprise a warranty that conditions in all areas within the site are of the same quality as those sampled. Recognize, too, that contamination may exist in forms not indicated by the limited assessment. Changes in regulations, interpretations, and/or enforcement policies may occur at any time; as such, the changes could affect our conclusions.

QORE, Inc. cannot state that the site contains no hazardous or toxic materials nor other latent conditions beyond those noted by its personnel during performance of this assessment and disclosed within this report. We also point out that our findings apply only to the time during which the individual components of this assessment were performed. Subsequent changes in land use, or other activities on, or near the site could invalidate those findings.

ACKNOWLEDGMENT

QORE, Inc. appreciates the opportunity to provide this service. If you have questions or require additional assistance, please call us.

Sincerely yours,

QORE, INC.



James A. Lawrence, P.G., CEI, CES
Project Hydrogeologist
Reg. Ga. 1068



L.T. Gregg, P.G., CPG, CMA
Senior Consulting Geologist
Reg. Ga. 610

JAL/LTG/jl

Enclosures

METHODOLOGY

In general accordance with the scope of work outlined in our Proposal No. 99-344, dated May 12, 1999, five temporary groundwater monitoring wells were installed at the approximate locations shown on the Soil Boring/Monitoring Well Location Plan (Figure 1), located in the Appendix. Five borings, identified as SB-1 through SB-5, were drilled using a CME 550 all-terrain rig and 3.25-inch I.D. hollow-stem augers. The augers and drill rig were decontaminated prior to departure from QORE's drill shop and between borings using a high-pressure, hot water washer ("steam-jenny"). Each boring was extended approximately five feet into the groundwater table. Upon termination of drilling, each boring was converted into a temporary groundwater monitoring well by placing a 10-foot section of 2.0-inch outer diameter (O.D), 0.010-inch slotted, flush-coupled, Schedule 40 polyvinyl chloride (PVC) screen into the boring annulus. Sufficient sections of 2.0-inch O.D. Schedule 40 PVC riser pipe were attached to the screen and lowered into the annulus to bring the riser above the ground surface. Clean filter sand was placed into the annulus to form a sand-pack, which was extended approximately two feet above the top of the screened interval. An approximate two-foot layer of bentonite was installed on top of the sand-pack, and was hydrated to form a relatively impermeable seal. The remainder of the annulus was back-filled with soil cuttings to a level just below the original ground surface. The monitoring wells were finished at the surface with stick-up well casings. Expandable, locking caps were installed to deter unauthorized access/tampering with the wells. Monitoring Well Completion Logs are presented in the Appendix.

Soil samples were collected from borings SB-4 and SB-5 using "split spoon" techniques at approximate five-foot intervals. The sample interval samples were screened using a photoionization detector (PID). The sample from each boring which indicated the highest response on the PID was placed into laboratory-provided sample containers and placed on ice for sample preservation. The soil samples were transported to the laboratory under chain-of-custody conditions. The soil sample was analyzed for volatile organic compounds (VOCs).

One hand auger boring was performed in the interior of the dry-cleaners, in the vicinity of the dry-cleaning machine. The hand auger boring was extended to a depth of approximately 4.5 feet below ground surface using a decontaminated, stainless steel hand auger. The sample was placed into laboratory-provided sample containers, placed on ice for sample preservation and transported to the laboratory under chain-of-custody conditions. The soil sample was analyzed for VOCs.

Subsequent to removing approximately three well-volumes of groundwater from the monitoring wells, each well was sampled using new, disposable, polyethylene bailers. Each groundwater sample was placed into laboratory-provided sample containers, placed into a cooler containing ice for sample preservation, and were transported to the analytical laboratory under chain-of-custody conditions. As specified in our proposal, the groundwater samples from MW-1 through MW-3 were analyzed for benzene, toluene, ethylbenzene, and total xylene (BTEX) and for polynuclear aromatic hydrocarbons (PAHs), which are common petroleum hydrocarbon constituents in gasoline and diesel fuel. The groundwater samples from MW-4 and MW-5 were analyzed for volatile organic compounds (VOCs).

FINDINGS

Laboratory analytical results are in the Appendix. Neither BTEX nor PAHs were encountered from the groundwater samples obtained from MW-1 through MW-3. Volatile organic compounds (VOCs) were not



ADVANCED CHEMISTRY LABS, INC.

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 Fax: (770) 409-1844
 Outside GA: (800) 277-0520

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 P.O. Box 88610 • Atlanta, GA 30356
<http://www.mindspring.com/~acl>
 e-mail: acl@mindspring.com

VOLATILE ORGANICS (5035/8021B)

Client: QORE Property Sciences
 11420 Johns Creek Pkwy
 Duluth, GA 30155

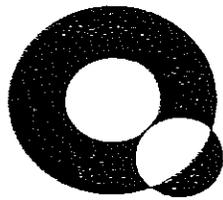
Client Project No: 20129
 ACL Project No: 29139
 Date Received: 05-28-99
 Date Reported: 06-07-99

Contact: Mr. Jim Lawrence

Sample ID:	SB-4/13.5-15	SB-5/8.5-10	
ACL Sample No:	141338	141339	
Date Sampled:	05-28-99	05-28-99	
Date Extracted:	05-28-99	05-28-99	
Date Analyzed:	06-01-99	06-01-99	
Matrix:	Soil	Soil	
Units:	µg/kg	µg/kg	
Analyst:	RP	RP	

Compound	Result	Det. Limit	Result	Det. Limit	Result	Det. Limit
Benzene	BDL	5	BDL	5		
Bromodichloromethane	BDL	5	BDL	5		
Bromoform	BDL	5	BDL	5		
Bromomethane	BDL	10	BDL	10		
Carbon tetrachloride	BDL	5	BDL	5		
Chlorobenzene	BDL	5	BDL	5		
Chloroethane	BDL	10	BDL	10		
2-Chloroethylvinyl ether	BDL	5	BDL	5		
Chloroform	BDL	5	BDL	5		
Chloromethane	BDL	10	BDL	10		
Dibromochloromethane	BDL	5	BDL	5		
1,2-Dichlorobenzene	BDL	5	BDL	5		
1,3-Dichlorobenzene	BDL	5	BDL	5		
1,4-Dichlorobenzene	BDL	5	BDL	5		
Dichlorodifluoromethane	BDL	10	BDL	10		
1,1-Dichloroethane	BDL	5	BDL	5		
1,2-Dichloroethane	BDL	5	BDL	5		
1,1-Dichloroethene	BDL	5	BDL	5		
cis-1,2-Dichloroethene	BDL	5	BDL	5		
trans-1,2-Dichloroethene	BDL	5	BDL	5		
1,2-Dichloropropane	BDL	5	BDL	5		
cis-1,3-Dichloropropene	BDL	5	BDL	5		
trans-1,3-Dichloropropene	BDL	5	BDL	5		
Ethyl benzene	BDL	5	BDL	5		
Methylene chloride	BDL	5	BDL	5		
1,1,2,2-Tetrachloroethane	BDL	5	BDL	5		
Tetrachloroethene	23	5	BDL	5		
Toluene	10	5	8	5		
1,1,1-Trichloroethane	BDL	5	BDL	5		
1,1,2-Trichloroethane	BDL	5	BDL	5		
Trichloroethene	BDL	5	BDL	5		
Trichlorofluoromethane	BDL	5	BDL	5		
Vinyl chloride	BDL	10	BDL	10		
Xylenes (total)	BDL	5	12	5		

BDL = Below Detection Limit
 L = Less Than Detection Limit Approximate Value



Q O R ETM

PROPERTY SCIENCES

REPORT OF
PHASE I
ENVIRONMENTAL SITE ASSESSMENT
UPDATE
NEW MARKET MALL
LOWER ROSWELL ROAD
MARIETTA, GEORGIA
JOB NO. 19954-C, REPORT NO. 189963



April 23, 2001

Mr. J. Frank Mann
BB&T
950 East Paces Ferry Road, Suite 2575
Atlanta, Georgia 30326

Subject: Phase I Environmental Site Assessment Update
New Market Mall
Lower Roswell Road
Marietta, Georgia
QORE Job No. 19954-C, Report No. 189963

Dear Mr. Mann:

At the request of Mr. Eric McConaghy of Reserve Corporation, QORE has completed the Phase I ESA update of the referenced site and presents its findings in this report. The update was conducted in accordance with our Proposal No. 01-1770 to Reserve Corporation dated April 12, 2001.

BACKGROUND INFORMATION

QORE conducted a Phase I ESA (Job No. 19954, Report No. 134197, dated April 29, 1999) and a limited Phase II Assessment (Job No. 20129, Report No. 137847, dated June 11, 1999) on this property. As a result of the findings of the Phase II Assessment, a Release Notification/Reporting Form was filed with the Hazardous Sites Response Program of the Georgia EPD, reporting low concentrations of toluene, total xylenes, and tetrachloroethylene in soil and tetrachloroethylene, chloroform, and cis-1,2 dichloroethylene in groundwater. The Georgia EPD used the Reportable Quantities Screening Method to calculate a groundwater pathway score of 6.50 and an "on-site pathway" (soil) score of 19.75. Since these scores were below the statutory trigger levels the site was not placed on the Hazardous Site Inventory (HSI).

FINDINGS

On April 19, 2001, Mr. L. T. Gregg of QORE conducted a driving and walking reconnaissance of the site. The principal changes since the Phase I ESA in April 1999 are as follows:

1. A recently constructed building is present in the parking lot between the Wachovia Bank and TLC Cleaners. The building, of brick/stucco construction, is several thousand square feet in size and is occupied by Massey Automotive.
2. The service area behind the main building is very messy, with large piles of trash, debris, soil, etc.
3. The part of the main building formerly occupied by Chuck's Sneakers & Cleats (former Winn-Dixie) is now occupied by New Horizons Computer

Learning Center, Little General Community Playhouse, and a vacant unit. Little General is in the process of being renovated. Everything from Gold's Gym west through TLC Cleaners is the same occupancy as in April 1999.

An updated Regulatory Database was obtained from Environmental Data Resources (EDR), Inc. A copy is enclosed with this report. The principal changes since the Phase I ESA in April 1999 are as follows:

1. The Cobb Auto Repair/FINA station at 2011 Lower Roswell Road is not listed (see Section 4.1 of our April 1999 report).
2. The Circle K store at 2020 Lower Roswell Road is on both the UST and LUST lists. A search of EPD files on this facility on April 19, 2001 disclosed the following:
 - No action was reported as having been taken on the suspected release in June 1998 (see Section 4.1 of our April 1999 report).
 - Two additional suspected releases were reported by Circle K by telephone in June 1999. After investigation, Circle K reported "Release Resolved" (i.e., no release of regulated product; no further action will be taken by EPD) on August 25, 1999. A copy of this report is enclosed.
3. New Market Mall is on the Non-HSI List because of the release notification and HSRA scoring discussed above.

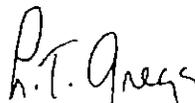
CONCLUSION

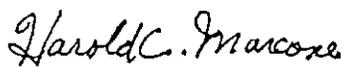
Our findings do not indicate any evidence of one or more additional recognized environmental conditions at the subject site.

ACKNOWLEDGMENT

QORE appreciates the opportunity to provide this update. Please call us if you have any questions or need additional information.

Respectfully submitted,
QORE, Inc.


L.T. Gregg, P.G.
Principal Consulting Geologist
Reg. Ga. 610


Harold C. Marcone, CPSSc
Project Environmental Scientist

LTG/HCM/rs
Enclosures



The EDR Radius Map with GeoCheck®

New Market Mall
Lower Roswell Rd/Shawnee Trail
Marietta, GA 30067

Inquiry Number: 619016.1s

April 12, 2001

The Source For Environmental Risk Management Data

3530 Post Road
Southport, Connecticut 06490

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

LOWER ROSWELL RD/SHAWNEE TRAIL
MARIETTA, GA 30067

COORDINATES

Latitude (North): 33.949300 - 33° 56' 57.5"
Longitude (West): 84.493010 - 84° 29' 34.8"
Universal Transverse Mercator: Zone 16
UTM X (Meters): 731685.8
UTM Y (Meters): 3759172.0

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 2433084-H4 SANDY SPRINGS, GA
Source: USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following government records. For more information on this property see page 5 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
NEWMARKET MALL 2058 LOWER ROSWELL RD MARIETTA, GA 30060	GA NON-HSI	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP..... CERCLIS No Further Remedial Action Planned
CORRACTS..... Corrective Action Report
RCRIS-TSD..... Resource Conservation and Recovery Information System
RCRIS-LQG..... Resource Conservation and Recovery Information System
RCRIS-SQG..... Resource Conservation and Recovery Information System
ERNS..... Emergency Response Notification System

STATE ASTM STANDARD

SHWS..... Hazardous Site Inventory

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>EXXON #40513</i>	<i>1912 LOWER ROSWELL RD</i>	<i>1/4 - 1/2 WNW 3</i>		<i>6</i>
<i>FORMER EXXON SERVICE STATION</i>	<i>1784 LOWER ROSWELL RD</i>	<i>1/4 - 1/2 WNW 4</i>		<i>8</i>

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Natural Resources' Underground Storage Tank Database.

A review of the UST list, as provided by EDR, and dated 03/01/2000 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>CIRCLE K STORE #5268</i>	<i>2020 LOWER ROSWELL RD</i>	<i>0 - 1/8 NW 2</i>		<i>5</i>

OVERVIEW MAP - 619016.1s - QORE Property Sciences



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites (if requested)
- National Priority List Sites
- Landfill Sites

- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone



TARGET PROPERTY: New Market Mall
ADDRESS: Lower Roswell Rd/Shawnee Trail
CITY/STATE/ZIP: Marietta GA 30067
LAT/LONG: 33.9493 / 84.4930

CUSTOMER: QORE Property Sciences
CONTACT: L.T. Gregg
INQUIRY #: 619016.1s
DATE: April 12, 2001 2:51 pm

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL ASTM STANDARD</u>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRIS-TSD		0.500	0	0	0	NR	NR	0
RCRIS Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRIS Sm. Quan. Gen.		0.250	0	0	NR	NR	NR	0
ERNS		TP	NR	NR	NR	NR	NR	0
<u>STATE ASTM STANDARD</u>								
State Haz. Waste		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
LUST		0.500	1	0	2	NR	NR	3
UST		0.250	1	0	NR	NR	NR	1
<u>FEDERAL ASTM SUPPLEMENTAL</u>								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
<u>STATE OR LOCAL ASTM SUPPLEMENTAL</u>								
GA Spills		TP	NR	NR	NR	NR	NR	0
Non-HSI	X	1.000	0	0	0	0	NR	0
<u>EDR PROPRIETARY DATABASES</u>								
Coal Gas		1.000	0	0	0	0	NR	0
AQUIFLOW - see EDR Physical Setting Source Addendum								

TP = Target Property

NR = Not Requested at this Search Distance

* Sites may be listed in more than one database

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CIRCLE K STORE #5268 (Continued)

U001475704

Removed:	No	Closed:	No
Product:	Gasoline		
Overfill Protection:	No		
Material:	Lined Interior*Fiberglass/		
Spill Protection:	No		
Tank Release Detection:	Tnk Tightness Testing*1		
Pipe Release Detection:	Auto Line Leak Detector		
Pipe Type Description:	Fiberglass/Plastic		
Non-eligible:	No		
Fed Regulated Tank:	Yes		
Tank Last Used:	No		
Owner:	CIRCLE K STORES, INC PO BOX 52084 PHOENIX, AZ 85072		
Owner County:	MA		
Owner Phone:	Not reported		
Facility ID:	0330398	Total Tanks:	Not reported
Telephone:	Not reported	Date Installed:	10/01/86
Tank ID:	3	Date Closed:	Not reported
Capacity:	10000	Age:	13
Status:	Currently in Use	Closed:	No
Inert Material:	Not reported		
Removed:	No		
Product:	Gasoline		
Overfill Protection:	No		
Material:	Lined Interior*Fiberglass/		
Spill Protection:	No		
Tank Release Detection:	Tnk Tightness Testing*1		
Pipe Release Detection:	Auto Line Leak Detector		
Pipe Type Description:	Fiberglass/Plastic		
Non-eligible:	No		
Fed Regulated Tank:	Yes		
Tank Last Used:	No		
Owner:	CIRCLE K STORES, INC PO BOX 52084 PHOENIX, AZ 85072		
Owner County:	MA		
Owner Phone:	Not reported		

3
 WNW
 1/4-1/2
 1448
 Higher

EXXON #40513
 1912 LOWER ROSWELL RD
 MARIETTA, GA 30062

UST U001475706
 LUST N/A

LUST:
 Facility ID: 0330402
 Release Date: 11/21/1997

Facility ID: 0330402
 Release Date: 07/30/1998

UST:
 Facility ID: 0330402
 Telephone: Not reported
 Tank ID: 1
 Capacity: 10000
 Status: Currently in Use
 Total Tanks: Not reported
 Date Installed: 01/01/87
 Date Closed: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

EXXON #40513 (Continued)

EOR ID Number
 EPA ID Number

Database(s)

U001475706

Tank Last Used:	No	Total Tanks:	Not reported
Owner:	EXXON CO, USA PO BOX 4386 HOUSTON, TX 77210	Date Installed:	01/01/87
Owner County:	HA	Date Closed:	Not reported
Owner Phone:	Not reported	Age:	13
Facility ID:	0330402	Closed:	No
Telephone:	Not reported		
Tank ID:	4		
Capacity:	10000		
Status:	Currently in Use		
Inert Material:	Not reported		
Removed:	No		
Product:	Diesel		
Overfill Protection:	No		
Material:	Lined Interior^Fiberglass/		
Spill Protection:	No		
Tank Release Detection:	Tnk Tightness Testing^1		
Pipe Release Detection:	Auto Line Leak Detector		
Pipe Type Description:	Fiberglass/Plastic		
Non-eligible:	No		
Fed Regulated Tank:	Yes		
Tank Last Used:	No		
Owner:	EXXON CO, USA PO BOX 4386 HOUSTON, TX 77210		
Owner County:	HA		
Owner Phone:	Not reported		

4
 WNW
 1/4-1/2
 2359
 Higher

FORMER EXXON SERVICE STATION
1784 LOWER ROSWELL RD
MARIETTA, GA 30067

UST U001475877
 LUST N/A

LUST:

Facility ID: 0330610
 Release Date: 05/06/1991

Facility ID: 0330610
 Release Date: 03/13/1998

Facility ID: 0330610
 Release Date: 08/27/1998

UST:

Facility ID:	0330610	Total Tanks:	Not reported
Telephone:	Not reported	Date Installed:	03/01/66
Tank ID:	1	Date Closed:	08/03/1998
Capacity:	8000	Age:	34
Status:	Removed from Ground^UNK	Closed:	No
Inert Material:	Not reported		
Removed:	Yes		
Product:	Gasoline		
Overfill Protection:	No		
Material:	Steel		
Spill Protection:	No		
Pipe Type Description:	Unknown		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

FORMER EXXON SERVICE STATION (Continued)

U001475877

Removed:	Yes	Closed:	No
Product:	Used Oil		
Overfill Protection:	No		
Material:	Not reported		
Spill Protection:	No		
Pipe Type Description:	Not reported		
Non-eligible:	No		
Fed Regulated Tank:	Yes		
Tank Last Used:	No		
Owner:	FIRST NATIONAL BANK OF CHEROKEE 9860 HWY 92 WOODSTOCK, GA 30188		
Owner County:	CO		
Owner Phone	Not reported		
Facility ID:	0330610	Total Tanks:	Not reported
Telephone:	Not reported		
Tank ID:	5		
Capacity:	550	Date Installed:-	UNK
Status:	Removed from Ground^UNK	Date Closed:	02/01/1998
Inert Material:	Not reported	Age:	0
Removed:	Yes	Closed:	No
Product:	Used Oil		
Overfill Protection:	No		
Material:	Not reported		
Spill Protection:	No		
Pipe Type Description:	Not reported		
Non-eligible:	No		
Fed Regulated Tank:	Yes		
Tank Last Used:	No		
Owner:	FIRST NATIONAL BANK OF CHEROKEE 9860 HWY 92 WOODSTOCK, GA 30188		
Owner County:	CO		
Owner Phone	Not reported		

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List

Source: EPA
Telephone: N/A

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC).

Date of Government Version: 01/23/01
Date Made Active at EDR: 02/16/01
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/05/01
Elapsed ASTM days: 11
Date of Last EDR Contact: 02/05/01

Proposed NPL: Proposed National Priority List Sites

Source: EPA
Telephone: N/A

Date of Government Version: 01/23/01
Date Made Active at EDR: 02/16/01
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/05/01
Elapsed ASTM days: 11
Date of Last EDR Contact: 02/05/01

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA
Telephone: 703-413-0223

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 12/28/00
Date Made Active at EDR: 02/28/01
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 12/29/00
Elapsed ASTM days: 61
Date of Last EDR Contact: 03/26/01

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Source: EPA
Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

Date of Government Version: 12/28/00
Date Made Active at EDR: 02/28/01
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 12/29/00
Elapsed ASTM days: 61
Date of Last EDR Contact: 03/26/01

CORRACTS: Corrective Action Report

Source: EPA
Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/23/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/05/01
Date of Next Scheduled EDR Contact: 05/07/01

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report

Source: EPA
Telephone: N/A

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/07/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/09/01
Date of Next Scheduled EDR Contact: 04/09/01

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation
Telephone: 202-366-4526

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 05/31/00
Database Release Frequency: Annually

Date of Last EDR Contact: 01/23/01
Date of Next Scheduled EDR Contact: 04/23/01

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/30/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/09/01
Date of Next Scheduled EDR Contact: 04/09/01

MINES: Mines Master Index File

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959

Date of Government Version: 08/01/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/02/01
Date of Next Scheduled EDR Contact: 04/02/01

NPL LIENS: Federal Superfund Liens

Source: EPA
Telephone: 205-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 02/20/01
Date of Next Scheduled EDR Contact: 05/21/01

PADS: PCB Activity Database System

Source: EPA
Telephone: 202-260-3936

PCB Activity Database. PADS identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 01/01/00
Database Release Frequency: Annually

Date of Last EDR Contact: 02/12/01
Date of Next Scheduled EDR Contact: 05/14/01

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/00
Date Made Active at EDR: 09/14/00
Database Release Frequency: Annually

Date of Data Arrival at EDR: 07/31/00
Elapsed ASTM days: 45
Date of Last EDR Contact: 03/13/01

SWF/LF: Solid Waste Disposal Facilities

Source: Department of Natural Resources
Telephone: 404-362-2696

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 12/31/00
Date Made Active at EDR: 02/28/01
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 01/22/01
Elapsed ASTM days: 37
Date of Last EDR Contact: 03/05/01

LUST: List of Leaking Underground Storage Tanks

Source: Environmental Protection Division
Telephone: 404-362-2687

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 10/23/00
Date Made Active at EDR: 11/30/00
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 10/25/00
Elapsed ASTM days: 36
Date of Last EDR Contact: 02/02/01

UST: Underground Storage Tank Database

Source: Environmental Protection Division
Telephone: 404-362-2687

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 03/01/00
Date Made Active at EDR: 06/23/00
Database Release Frequency: Annually

Date of Data Arrival at EDR: 05/17/00
Elapsed ASTM days: 37
Date of Last EDR Contact: 02/06/01

STATE OF GEORGIA ASTM SUPPLEMENTAL RECORDS

SPILLS: Spills Information

Source: Department of Natural Resources
Telephone: 404-656-6905

Oil or Hazardous Material Spills or Releases.

Date of Government Version: 06/30/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/30/01
Date of Next Scheduled EDR Contact: 04/30/01

NON HSI: Non-Hazardous Site Inventory

Source: Rindt-McDuff Associates, Inc.
Telephone: N/A

This list was obtained by EDR in 1998 and contains property listings that have reported contamination of soil or groundwater under the Georgia Hazardous Site Response Act (HSRA). These sites were not placed on the Georgia Priority list (Hazardous Site Inventory or HSI) because their hazard evaluation scores did not exceed the threshold levels established for sites posing an imminent threat to health or the environment. Disclaimer provided by Rindt-McDuff Associates - the database information has been obtained from publicly available sources produced by other entities. While reasonable steps have been taken to insure the accuracy of the data, RMA does not guarantee the accuracy of the data. No claim is made for the actual existence of pollution at any site. This data does not constitute a legal opinion.

GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

NEW MARKET MALL
LOWER ROSWELL RD/SHAWNEE TRAIL
MARIETTA, GA 30067

TARGET PROPERTY COORDINATES

Latitude (North): 33.949299 - 33° 56' 57.5"
Longitude (West): 84.493011 - 84° 29' 34.8"
Universal Transverse Mercator: Zone 16
UTM X (Meters): 731685.8
UTM Y (Meters): 3759172.0

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata. EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

AQUIFLOW*

Search Radius: 2.000 Miles.

EDR has developed the AQUIFLOW information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

GEOLOGIC AGE IDENTIFICATION

ROCK STRATIGRAPHIC UNIT

Geologic Code: Ym
Era: Precambrian
System: Precambrian
Series: Paragneiss and schist

Category: Metamorphic Rocks

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND
Soil Surface Texture: variable
Hydrologic Group: Not reported
Soil Drainage Class: Not reported

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	0000004672	1/2 - 1 Mile East

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

	Database	EDR ID Number
1 East 1/2 - 1 Mile Lower	GA WELLS	0000004672

Well #: 10FF21
 Remarks: Not Reported
 Latitude: 335649
 Allitude: 900
 Depth to bottom of Casing: Not Reported
 Casing Material: Not Reported
 Type of Openings: Not Reported
 Depth to top of this open interval:
 Depth to bottom of this open interval:
 Primary Use: Not Reported
 Aquifer: Not Reported

County FIPS: 121
 Longitude: 0842837
 Depth: Not Reported
 Diameter of Casing: Not Reported
 Discharge: Not Reported
 Date Built: Not Reported
 Not Reported
 Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 1999 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec. Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the national Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: In November 1971 the United States Geological Survey (USGS) implemented a national water resource information tracking system. This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on more than 900,000 wells, springs, and other sources of groundwater.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

Georgia Public Supply Wells

Source: Georgia Department of Community Affairs
Telephone: 404-894-0127

USGS Georgia Water Wells

Source: USGS, Georgia District Office
Telephone: 770-903-9100

RADON

Area Radon Information: The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones: Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

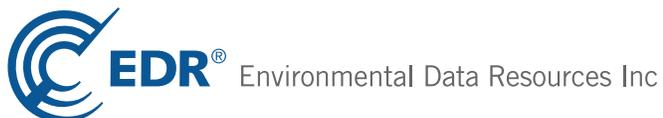
APPENDIX C: REGULATORY DATABASE REPORT

New Market Center

2060 Lower Roswell Road
Marietta, GA 30067

Inquiry Number: 3627969.2s
June 06, 2013

The EDR Radius Map™ Report



440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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Orphan Summary	28
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GEOCHECK ADDENDUM

GeoCheck - Not Requested

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

2060 LOWER ROSWELL ROAD
MARIETTA, GA 30067

COORDINATES

Latitude (North): 33.9487000 - 33° 56' 55.32"
Longitude (West): 84.4924000 - 84° 29' 32.64"
Universal Transverse Mercator: Zone 16
UTM X (Meters): 731743.8
UTM Y (Meters): 3759106.8
Elevation: 1020 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 33084-H4 SANDY SPRINGS, GA
Most Recent Revision: 1997

West Map: 33084-H5 MARIETTA, GA
Most Recent Revision: 1992

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year: 2010
Source: USDA

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 7 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
2060 LOWER ROSWELL RD 2060 LOWER ROSWELL RD MARIETTA, GA 30068	EDR US Hist Cleaners	N/A

EXECUTIVE SUMMARY

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls
LUCIS..... Land Use Control Information System

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent CERCLIS

SHWS..... Hazardous Site Inventory

EXECUTIVE SUMMARY

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Solid Waste Disposal Facilities

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

INDIAN UST..... Underground Storage Tanks on Indian Land

FEMA UST..... Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

AUL..... Uniform Environmental Covenants

INST CONTROL..... Public Record List

State and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Program site

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields Public Record List

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

ODI..... Open Dump Inventory

SWRCY..... Recycling Center Listing

HIST LF..... Historical Landfills

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs

DEL SHWS..... Delisted Hazardous Site Inventory Listing

US HIST CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

EXECUTIVE SUMMARY

SPILLS..... Spills Information
SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR..... RCRA - Non Generators
DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites
US MINES..... Mines Master Index File
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
SSTS..... Section 7 Tracking Systems
ICIS..... Integrated Compliance Information System
PADS..... PCB Activity Database System
MLTS..... Material Licensing Tracking System
RADINFO..... Radiation Information Database
FINDS..... Facility Index System/Facility Registry System
RAATS..... RCRA Administrative Action Tracking System
RMP..... Risk Management Plans
NPDES..... NPDES Wastewater Permit List
AIRS..... Permitted Facility and Emissions Listing
TIER 2..... Tier 2 Data Listing
INDIAN RESERV..... Indian Reservations
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
US AIRS..... Aerometric Information Retrieval System Facility Subsystem
PRP..... Potentially Responsible Parties
LEAD SMELTERS..... Lead Smelter Sites
Financial Assurance..... Financial Assurance Information Listing
EPA WATCH LIST..... EPA WATCH LIST
US FIN ASSUR..... Financial Assurance Information
PCB TRANSFORMER..... PCB Transformer Registration Database
COAL ASH..... Coal Ash Disposal Site Listing
COAL ASH DOE..... Steam-Electric Plant Operation Data
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
2020 COR ACTION..... 2020 Corrective Action Program List

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP..... EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

EXECUTIVE SUMMARY

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

State- and tribal - equivalent CERCLIS

GA NON-HSI: Georgia Non Hazardous Site Inventory Sites.

A review of the GA NON-HSI list, as provided by EDR, and dated 03/31/2013 has revealed that there are 2 GA NON-HSI sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>NEWMARKET MALL</i>	<i>2058 LOWER ROSWELL RD</i>	<i>NE 0 - 1/8 (0.047 mi.)</i>	<i>A2</i>	<i>7</i>
EAST MARIETTA PAINE AND BODY S	6 HAMBY ROAD	WNW 1/4 - 1/2 (0.491 mi.)	16	27

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Natural Resources' Confirmed Release List.

A review of the LUST list, as provided by EDR, and dated 02/05/2013 has revealed that there are 6 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>UNIVERSAL CONVENIENCE INC</i>	<i>2020 LOWER ROSWELL RD</i>	<i>NW 0 - 1/8 (0.123 mi.)</i>	<i>B8</i>	<i>12</i>
<i>COBB AUTO REPAIR</i>	<i>2011 LOWER ROSWELL RD</i>	<i>@NW 1/8 - 1/4 (0.141 mi.)</i>	<i>B10</i>	<i>18</i>
<i>TRICO VII PETROLEUM INC #964</i>	<i>1912 LOWER ROSWELL RD</i>	<i>NW 1/4 - 1/2 (0.303 mi.)</i>	<i>12</i>	<i>19</i>
<i>CHEVRON #201826</i>	<i>288 POWERS FERRY RD</i>	<i>SW 1/4 - 1/2 (0.419 mi.)</i>	<i>13</i>	<i>21</i>
<i>MASSEY ENTERPRISES INC</i>	<i>271 POWERS FERRY RD</i>	<i>WSW 1/4 - 1/2 (0.420 mi.)</i>	<i>14</i>	<i>22</i>
<i>SHELL FOOD MART</i>	<i>264 POWERS FERRY RD</i>	<i>WSW 1/4 - 1/2 (0.431 mi.)</i>	<i>15</i>	<i>24</i>

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Natural Resources' Underground Storage Tank Database.

A review of the UST list, as provided by EDR, and dated 03/08/2012 has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>UNIVERSAL CONVENIENCE INC</i>	<i>2020 LOWER ROSWELL RD</i>	<i>NW 0 - 1/8 (0.123 mi.)</i>	<i>B8</i>	<i>12</i>
<i>COBB AUTO REPAIR</i>	<i>2011 LOWER ROSWELL RD</i>	<i>@NW 1/8 - 1/4 (0.138 mi.)</i>	<i>B9</i>	<i>14</i>

AST: A listing of LP gas tank site locations.

A review of the AST list, as provided by EDR, and dated 06/04/2012 has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CIRCLE K #5268	2020 LOWER ROSWELL RD	NW 0 - 1/8 (0.123 mi.)	B7	11

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

DRYCLEANERS: A list of drycleaners in the state. The listing includes drycleaner facilities, that use perchloroethylene, that responded to the Notification of Compliance Status forms. It also includes those businesses that are pick-up stores only and do not conduct dry cleaning on site.

A review of the DRYCLEANERS list, as provided by EDR, and dated 09/18/2009 has revealed that there is 1 DRYCLEANERS site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>NEWMARKET MALL</i>	<i>2058 LOWER ROSWELL RD</i>	<i>NE 0 - 1/8 (0.047 mi.)</i>	<i>A2</i>	<i>7</i>

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR US Hist Auto Stat: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there are 4 EDR US Hist Auto Stat sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	2050 LOWER ROSWELL RD	NNE 0 - 1/8 (0.047 mi.)	A4	9
Not reported	64 SHAWNEE TRL SE	W 0 - 1/8 (0.065 mi.)	5	10
Not reported	2020 LOWER ROSWELL RD	NW 0 - 1/8 (0.123 mi.)	B6	11

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	2011 LOWER ROSWELL RD	NW 1/8 - 1/4 (0.141 mi.)	B11	18

EDR US Hist Cleaners: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Cleaners list, as provided by EDR, has revealed that there is 1 EDR US Hist Cleaners site within approximately 0.25 miles of the target property.

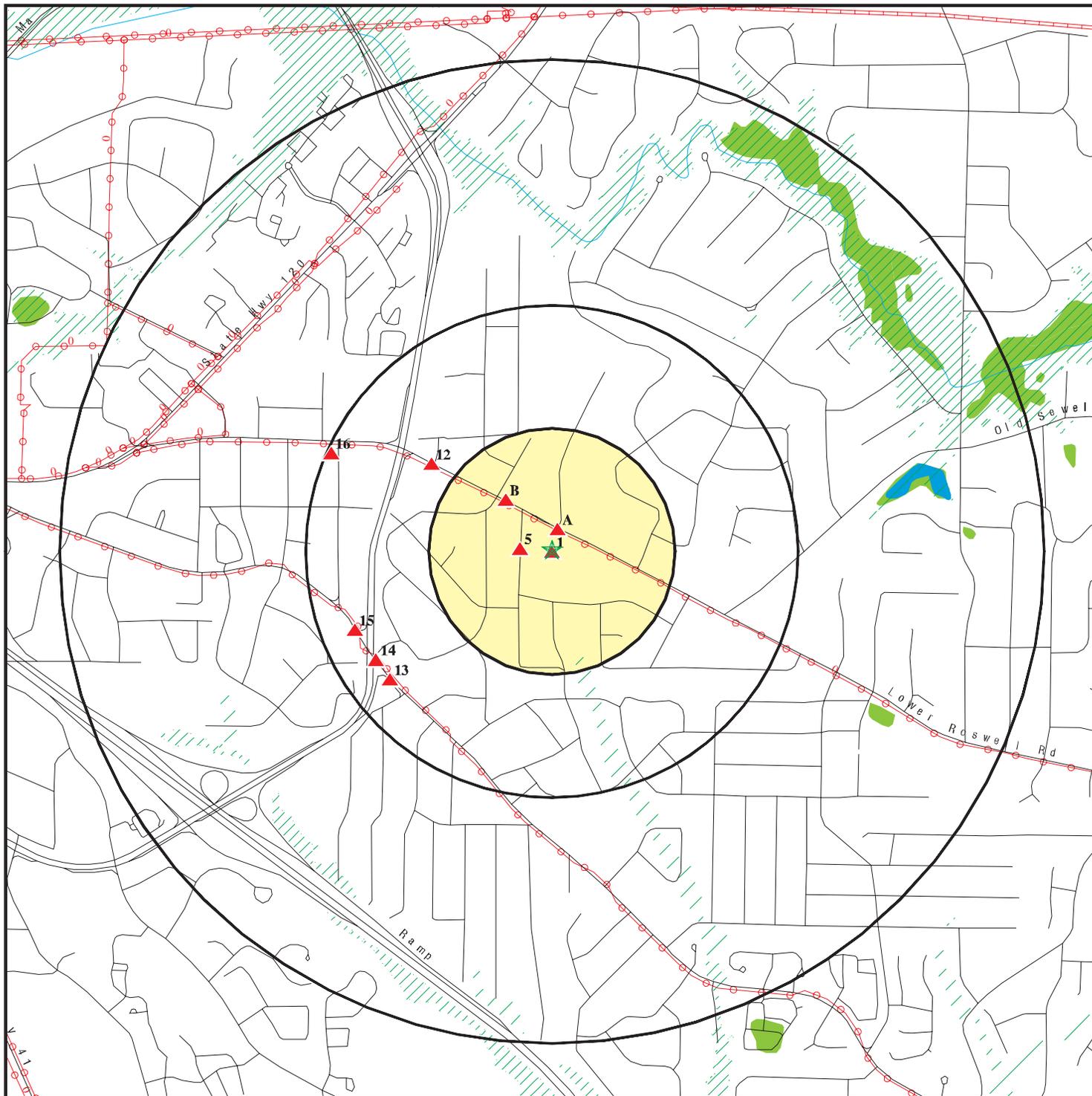
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	2058 LOWER ROSWELL RD	NE 0 - 1/8 (0.047 mi.)	A3	9

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 25 records.

<u>Site Name</u>	<u>Database(s)</u>
GOODYEAR TIRE CENTER	FINDS, US AIRS
SOUTHERN BELL MRTTGAPF	LUST, UST, Financial Assurance
BOYD PROPERTY	GA NON-HSI, BROWNFIELDS
ADVANCE BUILDERS BANKHEAD INERT LF	SWF/LF
BENTLEY PROPERTIES INERT LANDFILL	SWF/LF
COBB CO-REMTECH ENGINEERS	SWF/LF
C.W. MATTHEWS CONTRACTING CO., INC	SWF/LF
E. NEIL BISHOP INERT LANDFILL	SWF/LF
OTTO HYDE GA HIGHWAY 5 INERT LF	SWF/LF
RYLAND HOMES INERT LANDFILL	SWF/LF
LOVE IMPORTS	SWF/LF
RYLAND HOMES INERT LANDFILL	SWF/LF
RESIDENCE - WILLIAM CHESTER MORRIS	SWF/LF
AFTERTRAGIC RESTORATION INC	SWF/LF
MAJIK MARKET #91425	AST
ABBAY APPLIANCE AND SERVICE CENTER	RCRA-CESQG
ABBAY APPLIANCE AND SERVICE CENTER	FINDS
FIRESTONE TIRE CENTER	SPILLS

OVERVIEW MAP - 3627969.2s



★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

▲ Manufactured Gas Plants

■ National Priority List Sites

■ Dept. Defense Sites

■ Indian Reservations BIA

⚡ Power transmission lines

⚡ Oil & Gas pipelines from USGS

▨ 100-year flood zone

▨ 500-year flood zone

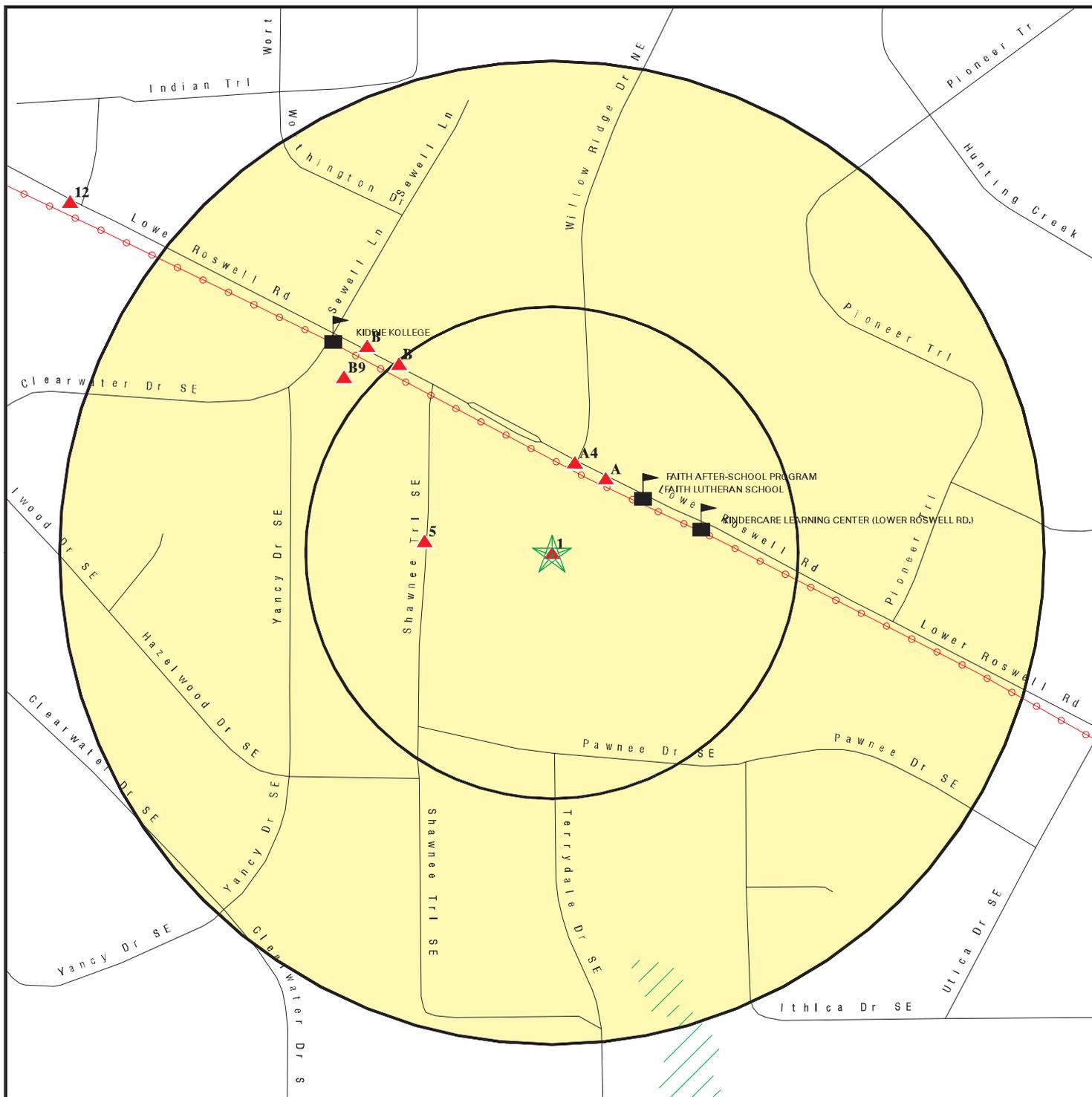
■ National Wetland Inventory

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: New Market Center
 ADDRESS: 2060 Lower Roswell Road
 Marietta GA 30067
 LAT/LONG: 33.9487 / 84.4924

CLIENT: Partner Engineering and Science, Inc.
 CONTACT: Megan Cisco
 INQUIRY #: 3627969.2s
 DATE: June 06, 2013 9:57 am

DETAIL MAP - 3627969.2s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ⚙ Manufactured Gas Plants
- ⚡ Sensitive Receptors
- 🏠 National Priority List Sites
- 🏠 Dept. Defense Sites

- 🏠 Indian Reservations BIA
- ⚡ Power transmission lines
- 🛢 Oil & Gas pipelines from USGS
- 🌊 100-year flood zone
- 🌊 500-year flood zone

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: New Market Center
 ADDRESS: 2060 Lower Roswell Road
 Marietta GA 30067
 LAT/LONG: 33.9487 / 84.4924

CLIENT: Partner Engineering and Science, Inc.
 CONTACT: Megan Cisco
 INQUIRY #: 3627969.2s
 DATE: June 06, 2013 9:58 am

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS	1.000		0	0	0	0	NR	0
GA NON-HSI	1.000		1	0	1	0	NR	2
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		1	1	4	NR	NR	6
INDIAN LUST	0.500		0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
UST	0.250		1	1	NR	NR	NR	2

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AST	0.250		1	0	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
AUL	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HIST LF	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
DEL SHWS	1.000		0	0	0	0	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		1	0	NR	NR	NR	1
AIRS	TP		NR	NR	NR	NR	NR	0
TIER 2	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		3	1	NR	NR	NR	4
EDR US Hist Cleaners	0.250	1	1	0	NR	NR	NR	2

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

1 **Target Property** **2060 LOWER ROSWELL RD** **MARIETTA, GA 30068** **EDR US Hist Cleaners** **1015015418**
N/A

EDR Historical Cleaners:

Actual: **1020 ft.**
 Name: TLC CLEANERS
 Year: 2011
 Address: 2060 LOWER ROSWELL RD
 Name: TLC CLEANERS
 Year: 2012
 Address: 2060 LOWER ROSWELL RD

A2 **NE** **< 1/8** **0.047 mi.** **247 ft.** **NEWMARKET MALL** **2058 LOWER ROSWELL RD** **MARIETTA, GA 30060** **GA NON-HSI DRYCLEANERS** **S106897222**
N/A
Site 1 of 3 in cluster A

Relative:
Higher

NON HSI:
 Latitude: 33.94891
 Longitude: 84.492417
 Ground Water Pathway Score: 6.50
 On-Site Pathway Score: 19.75
 Report Date: 08/01/1999
 Additional Info: Not reported
 Contamination: trichloroethene; perchloroethylene

Actual:
1023 ft.

DRYCLN:

County Code: 67
 Contact Name: Ran Patel
 Phone Number: 770-565-75
 Contact Name: Ran Patel
 MSA code: 520
 MSA desc: ATLANTA, GA
 CBSA code: 12060
 CBSA descr: ATLANTA SPGS, GA
 Metro Micro Indicator: 2
 CSA code: 122
 Csa descr: ATLANTA-SANDY SPRINGS-GAINESVILLE, GA-AL
 Census tract: 30402
 Census block group: 3
 Latitude: 33.949263000000002
 Longitude: -84.491954000000007
 Match level code: 0
 Secondary address: 2058 Lower Roswell Rd
 Secondary city: Marietta
 Secondary state: GA
 Secondary zip10: 30068-3353
 Secondary carrier route code: C048
 Fax number: Not reported
 Toll free number: Not reported
 Web site: Not reported
 Selected SIC code: 721201
 Selected SIC desc: Cleaners
 Primary SIC code: 721201
 Primary SIC desc: Cleaners
 NAICS code: 81232002
 NAICS desc: Drycleaning & Laundry Svcs

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NEWMARKET MALL (Continued)

S106897222

Location employment size code: A
Location employment size desc: 4-Jan
Actual location employment size: 1
Modeled employment size: A
Location sales volume code: A
Location sales volume desc: Less Than \$500,000
Actual location sales volume: 60
Corporate sales volume code: Not reported
Corporate sales volume desc: Not reported
Actual corporate sales volume: Not reported
Asset size: S
Name: Mr Ran Patel
Title: Owner
Ethnicity code: Indian
Infousa id: 827250549
Site Number: 827250549
HQ branch code: 9
HQ branch desc: Single Loc
Public company indicator code: 0
Public filing indicator: N
Individual firm code: 2
Individual firm desc: Firm/Business
Year SIC added: 198810
Year first appeared in yellow pages: 1988
Yellow page code: 18306
Transaction date: 198810
Call status code: C
Call status desc: Complete
Credit score code: A
Credit score desc: 90 to 94
Actual credit score: 92
Ad size code: Regular
Population code: 6
Population desc: 50,000 - 99,000
Square footage code: A
Square footage desc: 0 - 2,499
Radial distance from target element: .
Actnumbus multitenant location: 4-Feb
Building num multi tenant: 223529
Number of pcs code: 0 - 1 PCs
Affluent neighborhood location: Y
Big business: N
Female owner exec: N
Highincomeexec: N
Hightechbusiness: N
Medium size business entrepreneur: N
Small business entrepreneur: Y
Tertiary address: Newmarket Mall
Tertiary city: Marietta
Tertiary state: GA
Tertiary zip10: 30068
White collar percentage: 29
White collar indicator: 0
Production date: 20081202
Obsolescence date: 6/2/2009
Source: infoUSA
Bookno: 14900

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A3
NE
< 1/8
0.047 mi.
247 ft.

2058 LOWER ROSWELL RD
MARIETTA, GA 30068

EDR US Hist Cleaners **1015015236**
N/A

Site 2 of 3 in cluster A

Relative:
Higher

EDR Historical Cleaners:

Name: TLC CLEANERS
Year: 2001
Address: 2058 LOWER ROSWELL RD

Name: TLC CLEANERS
Year: 2002
Address: 2058 LOWER ROSWELL RD

Name: TLC CLEANERS
Year: 2004
Address: 2058 LOWER ROSWELL RD

Name: TLC CLEANERS
Year: 2005
Address: 2058 LOWER ROSWELL RD

Name: TLC CLEANERS
Year: 2006
Address: 2058 LOWER ROSWELL RD

Name: TLC CLEANERS
Year: 2007
Address: 2058 LOWER ROSWELL RD

Name: TLC CLEANERS
Year: 2008
Address: 2058 LOWER ROSWELL RD

Name: TLC CLEANERS
Year: 2010
Address: 2058 LOWER ROSWELL RD

A4
NNE
< 1/8
0.047 mi.
250 ft.

2050 LOWER ROSWELL RD
MARIETTA, GA 30068

EDR US Hist Auto Stat **1015313003**
N/A

Site 3 of 3 in cluster A

Relative:
Higher

EDR Historical Auto Stations:

Name: MASSEY AUTOMOTIVE
Year: 2002
Address: 2050 LOWER ROSWELL RD

Name: MASSEY AUTOMOTIVE
Year: 2003
Address: 2050 LOWER ROSWELL RD

Name: MASSEY AUTOMOTIVE
Year: 2004
Address: 2050 LOWER ROSWELL RD

Name: MASSEY AUTOMOTIVE
Year: 2005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

1015313003

Address: 2050 LOWER ROSWELL RD
Name: MASSEY AUTOMOTIVE
Year: 2007
Address: 2050 LOWER ROSWELL RD
Name: MASSEY AUTOMOTIVE SERVICE
Year: 2008
Address: 2050 LOWER ROSWELL RD
Name: MASSEY AUTOMOTIVE
Year: 2009
Address: 2050 LOWER ROSWELL RD
Name: MASSEY AUTOMOTIVE
Year: 2010
Address: 2050 LOWER ROSWELL RD
Name: MASSEY AUTOMOTIVE I
Year: 2011
Address: 2050 LOWER ROSWELL RD

5
West
< 1/8
0.065 mi.
343 ft.

64 SHAWNEE TRL SE
MARIETTA, GA 30067

EDR US Hist Auto Stat 1015587058
N/A

Relative:
Higher

EDR Historical Auto Stations:

Actual:
1025 ft.

Name: ARNOLDS AUTOMOTIVE REPAIR SERVICE
Year: 1999
Address: 64 SHAWNEE TRL SE
Name: ARNOLDS AUTOMOTIVE REPAIR SERVICE
Year: 2000
Address: 64 SHAWNEE TRL SE
Name: ARNOLDS AUTOMOTIVE
Year: 2001
Address: 64 SHAWNEE TRL SE
Name: ARNOLDS AUTOMOTIVE
Year: 2002
Address: 64 SHAWNEE TRL SE
Name: ARNOLDS AUTOMOTIVE
Year: 2003
Address: 64 SHAWNEE TRL SE
Name: ARNOLDS AUTOMOTIVE REPAIR INC
Year: 2004
Address: 64 SHAWNEE TRL SE
Name: ARNOLDS AUTOMOTIVE REPAIR INC
Year: 2005
Address: 64 SHAWNEE TRL SE
Name: ARNOLDS AUTOMOTIVE REPAIR INC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

1015587058

Year: 2006
Address: 64 SHAWNEE TRL SE

Name: ARNOLDS AUTOMOTIVE REPAIR SERVICES I
Year: 2007
Address: 64 SHAWNEE TRL SE

Name: ARNOLDS AUTOMOTIVE REPAIR SERVICES
Year: 2008
Address: 64 SHAWNEE TRL SE

Name: ARNOLDS AUTOMOTIVE REPAIR SERVICE IN
Year: 2009
Address: 64 SHAWNEE TRL SE

Name: ARNOLDS AUTOMOTIVE REPAIR SVC
Year: 2010
Address: 64 SHAWNEE TRL SE

Name: ARNOLDS AUTOMOTIVE REPAIR SERVICE I
Year: 2011
Address: 64 SHAWNEE TRL SE

Name: ARNOLDS AUTOMOTIVE REPAIR SERVICE I
Year: 2012
Address: 64 SHAWNEE TRL SE

B6
NW
< 1/8
0.123 mi.
650 ft.

2020 LOWER ROSWELL RD
MARIETTA, GA 30068

Site 1 of 6 in cluster B

EDR US Hist Auto Stat 1015308179
N/A

Relative:
Higher

EDR Historical Auto Stations:

Name: CITGO
Year: 2010
Address: 2020 LOWER ROSWELL RD

Actual:
1032 ft.

Name: CITGO
Year: 2011
Address: 2020 LOWER ROSWELL RD

B7
NW
< 1/8
0.123 mi.
650 ft.

CIRCLE K #5268
2020 LOWER ROSWELL RD
MARIETTA, GA 30068

Site 2 of 6 in cluster B

AST A100329292
N/A

Relative:
Higher

AST:

Owner Name: Amerigas
Owner Address: P O Box 47936
Owner City/State/Zip: Doraville GA 30362
Number Of Tanks: 24
Tank Capacity: 0

Actual:
1032 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B8
NW
< 1/8
0.123 mi.
652 ft.

UNIVERSAL CONVENIENCE INC
2020 LOWER ROSWELL RD
MARIETTA, GA 30067

LUST **U001475704**
UST **N/A**
Financial Assurance

Site 3 of 6 in cluster B

Relative:
Higher

LUST:

Actual:
1032 ft.

Facility ID: 00330398
Leak ID: 1
Description: Suspected Release Received
Cleanup Status: NFA - Suspected Release
Date Received: 06/11/1998
Project Officer: Strickfaden,Richard K

Facility ID: 00330398
Leak ID: 2
Description: Suspected Release Received
Cleanup Status: NFA - Suspected Release
Date Received: 10/09/1998
Project Officer: Muhanna,Shaheer L

Facility ID: 00330398
Leak ID: 3
Description: Suspected Release Received
Cleanup Status: NFA - Suspected Release
Date Received: 06/22/1999
Project Officer: Muhanna,Shaheer L

Facility ID: 00330398
Leak ID: 4
Description: Confirmed Release Received
Cleanup Status: NFA -Monitoring Only (MNA)
Date Received: 06/25/2001
Project Officer: Li,Yonghong June

Facility ID: 00330398
Leak ID: 5
Description: Confirmed Release Received
Cleanup Status: NFA -Monitoring Only (MNA)
Date Received: 02/05/2004
Project Officer: Li,Yonghong June

Facility ID: 00330398
Leak ID: 6
Description: Confirmed Release Received
Cleanup Status: NFA - No Further Action
Date Received: 07/24/2009
Project Officer: Wallace,Ronald J

Facility:

Facility Id: 330398
Facility Status: Active
Facility Type: Gas Station
District: PIRT 7
Contact Id: 57601
Owner Name: CITGO
Owner Address: 2020 LOWER ROSWELL RD
Owner City: MARIETTA
Owner State: GA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNIVERSAL CONVENIENCE INC (Continued)

U001475704

Owner Zip: 30068
Owner City,St,Zip: MARIETTA, GA 30068
Owner Telephone: 678-984-7409

Tanks:

Tank ID: 1
Status: Currently In Use
Status Date: 12/27/2011

Tank ID: 1
Status: Temporarily Out Of Use
Status Date: 05/03/2011

Tank ID: 1
Status: Installed
Status Date: 10/01/1986

Tank ID: 1
Status: Currently In Use
Status Date: 10/01/1986

Tank ID: 1
Product1: Gas
Material: Fiberglass Double Walled
Capacity: 10000
Pipe Material: Fiberglass Reinforced Plastic
Pipe Type: Pressure
Overfill Protection: Not reported
Overfill Installed: 09/30/1994
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 09/30/1994

Tank ID: 2
Status: Currently In Use
Status Date: 12/27/2011

Tank ID: 2
Status: Temporarily Out Of Use
Status Date: 05/03/2011

Tank ID: 2
Status: Installed
Status Date: 10/01/1986

Tank ID: 2
Status: Currently In Use
Status Date: 10/01/1986

Tank ID: 2
Product1: Gas
Material: Fiberglass Double Walled
Capacity: 10000
Pipe Material: Fiberglass Reinforced Plastic
Pipe Type: Pressure
Overfill Protection: Not reported
Overfill Installed: 09/30/1994
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 09/30/1994

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNIVERSAL CONVENIENCE INC (Continued)

U001475704

Tank ID: 3
Status: **Currently In Use**
Status Date: 12/27/2011

Tank ID: 3
Status: **Temporarily Out Of Use**
Status Date: 05/03/2011

Tank ID: 3
Status: **Installed**
Status Date: 10/01/1986

Tank ID: 3
Status: **Currently In Use**
Status Date: 10/01/1986

Tank ID: 3
Product1: Gas
Material: Fiberglass Double Walled
Capacity: 10000
Pipe Material: Fiberglass Reinforced Plastic
Pipe Type: Pressure
Overfill Protection: Not reported
Overfill Installed: 09/30/1994
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 09/30/1994

GA Financial Assurance 1:
Region: 1
Facility ID: 330398
Financial Responsibility: G.U.S.T. Trust Fund

**B9
NW
1/8-1/4
0.138 mi.
731 ft.**

**COBB AUTO REPAIR
2011 LOWER ROSWELL RD @ SEWELL
MARIETTA, GA 30060**

**UST U001475684
Financial Assurance N/A**

Site 4 of 6 in cluster B

**Relative:
Higher**

Facility:
Facility Id: 330369
Facility Status: Active
Facility Type: Gas Station
District: PIRT 7
Contact Id: 2427
Owner Name: COBB AUTO REPAIR INC
Owner Address: 2011 LOWER ROSWELL RD
Owner City: MARIETTA
Owner State: GA
Owner Zip: 30068
Owner City,St,Zip: MARIETTA, GA 30068
Owner Telephone: 770-578-1962

**Actual:
1036 ft.**

Tanks:
Tank ID: 1
Status: **Upgrade Repair Not Marked**
Status Date: 06/08/1994

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COBB AUTO REPAIR (Continued)

U001475684

Tank ID:	1
Status:	Removed From Ground
Status Date:	05/01/1991
Tank ID:	1
Status:	Installed
Status Date:	01/01/1968
Tank ID:	1
Product1:	Gas
Material:	Cathodically Protected Steel
Capacity:	5000
Pipe Material:	Galvanized Steel
Pipe Type:	Not Marked
Overfill Protection:	Not reported
Overfill Installed:	Not reported
Tank Exempt From Spill:	Not reported
Date Spill Device Installed:	Not reported
Tank ID:	2
Status:	Upgrade Repair Not Marked
Status Date:	Not reported
Tank ID:	2
Status:	Removed From Ground
Status Date:	05/01/1991
Tank ID:	2
Status:	Installed
Status Date:	01/01/1968
Tank ID:	2
Product1:	Gas
Material:	Cathodically Protected Steel
Capacity:	5000
Pipe Material:	Galvanized Steel
Pipe Type:	Not Marked
Overfill Protection:	Not reported
Overfill Installed:	Not reported
Tank Exempt From Spill:	Not reported
Date Spill Device Installed:	Not reported
Tank ID:	3
Status:	Upgrade Repair Not Marked
Status Date:	Not reported
Tank ID:	3
Status:	Removed From Ground
Status Date:	05/01/1991
Tank ID:	3
Status:	Installed
Status Date:	01/01/1968
Tank ID:	3
Product1:	Gas
Material:	Cathodically Protected Steel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COBB AUTO REPAIR (Continued)

U001475684

Capacity: 5000
Pipe Material: Galvanized Steel
Pipe Type: Not Marked
Overfill Protection: Not reported
Overfill Installed: Not reported
Tank Exempt From Spill: Not reported
Date Spill Device Installed: Not reported

Tank ID: 4
Status: Upgrade Repair Not Marked
Status Date: Not reported

Tank ID: 4
Status: Removed From Ground
Status Date: 05/02/1991

Tank ID: 4
Status: Installed
Status Date: 01/01/1968

Tank ID: 4
Product1: Gas
Material: Cathodically Protected Steel
Capacity: 5000
Pipe Material: Galvanized Steel
Pipe Type: Not Marked
Overfill Protection: Not reported
Overfill Installed: Not reported
Tank Exempt From Spill: Not reported
Date Spill Device Installed: Not reported

Tank ID: 5
Status: Upgrade Repair Not Marked
Status Date: Not reported

Tank ID: 5
Status: Removed From Ground
Status Date: 05/02/1991

Tank ID: 5
Status: Installed
Status Date: 01/01/1969

Tank ID: 5
Product1: Used Oil
Material: Bare Steel
Capacity: 550
Pipe Material: Not Marked
Pipe Type: Not Marked
Overfill Protection: Yes
Overfill Installed: Not reported
Tank Exempt From Spill: Yes
Date Spill Device Installed: Not reported

Tank ID: 6
Status: Upgrade Repair Not Marked
Status Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COBB AUTO REPAIR (Continued)

U001475684

Tank ID: 6
Status: Removed From Ground
Status Date: 05/02/1991

Tank ID: 6
Status: Installed
Status Date: 01/01/1969

Tank ID: 6
Product1: Used Oil
Material: Bare Steel
Capacity: 1000
Pipe Material: Not Marked
Pipe Type: Not Marked
Overfill Protection: Yes
Overfill Installed: Not reported
Tank Exempt From Spill: Yes
Date Spill Device Installed: Not reported

Tank ID: 604758
Status: Installed
Status Date: 10/24/1991

Tank ID: 604758
Status: Currently In Use
Status Date: 10/24/1991

Tank ID: 604758
Product1: Gas
Material: Fiberglass
Capacity: 8000
Pipe Material: Fiberglass Reinforced Plastic
Pipe Type: Pressure
Overfill Protection: Not reported
Overfill Installed: 10/24/1991
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 10/24/1991

Tank ID: 604779
Status: Installed
Status Date: 10/24/1991

Tank ID: 604779
Status: Currently In Use
Status Date: 10/24/1991

Tank ID: 604779
Product1: Gas
Material: Fiberglass
Capacity: 8000
Pipe Material: Fiberglass Reinforced Plastic
Pipe Type: Pressure
Overfill Protection: Not reported
Overfill Installed: 10/24/1991
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 10/24/1991

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

COBB AUTO REPAIR (Continued)

U001475684

GA Financial Assurance 1:
 Region: 1
 Facility ID: 330369
 Financial Responsibility: G.U.S.T. Trust Fund

**B10
 NW
 1/8-1/4
 0.141 mi.
 744 ft.**

**COBB AUTO REPAIR
 2011 LOWER ROSWELL RD @ SEWELL
 MARIETTA, GA 30068
 Site 5 of 6 in cluster B**

**FINDS 1006782793
 LUST N/A**

**Relative:
 Higher**

FINDS:

Registry ID: 110013521661

**Actual:
 1034 ft.**

Environmental Interest/Information System
 GEIMS (Geographic Environmental Information Management System)
 provides the EPA and Public a single point of access to core data for
 all facilities and sites regulated or monitored by the EPA and a
 single system for the reporting of all environmental data.

LUST:

Facility ID: 00330369
 Leak ID: 1
 Description: Confirmed Release Received
 Cleanup Status: NFA - No Further Action
 Date Received: 07/16/1991
 Project Officer: Humphris, David D

**B11
 NW
 1/8-1/4
 0.141 mi.
 747 ft.**

**2011 LOWER ROSWELL RD
 MARIETTA, GA 30068
 Site 6 of 6 in cluster B**

**EDR US Hist Auto Stat 1015306255
 N/A**

**Relative:
 Higher**

EDR Historical Auto Stations:

Name: COBB AUTO REPAIR INC
 Year: 2001
 Address: 2011 LOWER ROSWELL RD

Name: COBB AUTO REPAIR INC
 Year: 2002
 Address: 2011 LOWER ROSWELL RD

Name: COBB AUTO REPAIR INC
 Year: 2003
 Address: 2011 LOWER ROSWELL RD

Name: COBB AUTO REPAIR
 Year: 2007
 Address: 2011 LOWER ROSWELL RD

Name: COBB AUTO REPAIR
 Year: 2008

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

1015306255

Address: 2011 LOWER ROSWELL RD
Name: COBB AUTO REPAIR
Year: 2009
Address: 2011 LOWER ROSWELL RD

12
NW
1/4-1/2
0.303 mi.
1599 ft.

TRICO VII PETROLEUM INC #964
1912 LOWER ROSWELL RD
MARIETTA, GA 30068

FINDS 1006788370
LUST N/A
UST

Financial Assurance

Relative:
Higher

FINDS:

Registry ID: 110013577799

Environmental Interest/Information System

GEIMS (Geographic Environmental Information Management System) provides the EPA and Public a single point of access to core data for all facilities and sites regulated or monitored by the EPA and a single system for the reporting of all environmental data.

Actual:
1061 ft.

LUST:

Facility ID: 00330402
Leak ID: 1
Description: Confirmed Release Received
Cleanup Status: NFA - No Further Action
Date Received: 11/21/1997
Project Officer: Burris, Stephen B

Facility ID: 00330402
Leak ID: 2
Description: Confirmed Release Received
Cleanup Status: NFA - No Further Action
Date Received: 07/30/1998
Project Officer: Burris, Stephen B

Facility:

Facility Id: 330402
Facility Status: Active
Facility Type: Gas Station
District: PIRT 7
Contact Id: 55308
Owner Name: PETROLEUM REALTY V LLC
Owner Address: 801 ARTHUR GODFREY RD
Owner City: MIAMI BEACH
Owner State: FL
Owner Zip: 33140
Owner City, St, Zip: MIAMI BEACH, FL 33140
Owner Telephone: 305-779-8914

Tanks:

Tank ID: 1
Status: Temporarily Out Of Use
Status Date: 06/28/2007

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRICO VII PETROLEUM INC #964 (Continued)

1006788370

Tank ID: 1
Status: Installed
Status Date: 01/01/1987

Tank ID: 1
Status: Currently In Use
Status Date: 01/01/1987

Tank ID: 1
Product1: Gas
Material: Fiberglass
Capacity: 10000
Pipe Material: Fiberglass Reinforced Plastic
Pipe Type: Pressure
Overfill Protection: Not reported
Overfill Installed: 02/24/1993
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 02/24/1993

Tank ID: 2
Status: Temporarily Out Of Use
Status Date: 06/28/2007

Tank ID: 2
Status: Currently In Use
Status Date: 01/01/1987

Tank ID: 2
Status: Installed
Status Date: 01/01/1987

Tank ID: 2
Product1: Gas
Material: Fiberglass
Capacity: 10000
Pipe Material: Fiberglass Reinforced Plastic
Pipe Type: Pressure
Overfill Protection: Not reported
Overfill Installed: 02/24/1993
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 02/24/1993

Tank ID: 3
Status: Temporarily Out Of Use
Status Date: 06/28/2007

Tank ID: 3
Status: Installed
Status Date: 01/01/1987

Tank ID: 3
Status: Currently In Use
Status Date: 01/01/1987

Tank ID: 3
Product1: Gas
Material: Fiberglass

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRICO VII PETROLEUM INC #964 (Continued)

1006788370

Capacity: 10000
Pipe Material: Fiberglass Reinforced Plastic
Pipe Type: Pressure
Overfill Protection: Not reported
Overfill Installed: 02/24/1993
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 02/24/1993

Tank ID: 4
Status: Temporarily Out Of Use
Status Date: 06/28/2007

Tank ID: 4
Status: Installed
Status Date: 01/01/1987

Tank ID: 4
Status: Currently In Use
Status Date: 01/01/1987

Tank ID: 4
Product1: Diesel
Material: Fiberglass
Capacity: 10000
Pipe Material: Fiberglass Reinforced Plastic
Pipe Type: Pressure
Overfill Protection: Not reported
Overfill Installed: 02/24/1993
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 02/24/1993

GA Financial Assurance 1:
Region: 1
Facility ID: 330402
Financial Responsibility: Insurance

13
SW
1/4-1/2
0.419 mi.
2214 ft.

CHEVRON #201826
288 POWERS FERRY RD
MARIETTA, GA 30067

FINDS 1006787328
LUST N/A

Relative:
Higher

FINDS:

Registry ID: 110013567327

Actual:
1044 ft.

Environmental Interest/Information System
GEIMS (Geographic Environmental Information Management System)
provides the EPA and Public a single point of access to core data for
all facilities and sites regulated or monitored by the EPA and a
single system for the reporting of all environmental data.

LUST:

Facility ID: 00330641
Leak ID: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #201826 (Continued)

1006787328

Description: Confirmed Release Received
Cleanup Status: NFA -Monitoring Only (MNA)
Date Received: 11/22/1991
Project Officer: Li,Yonghong June

14
WSW
1/4-1/2
0.420 mi.
2216 ft.

MASSEY ENTERPRISES INC
271 POWERS FERRY RD
MARIETTA, GA 30067

LUST U001475794
UST N/A
Financial Assurance

Relative:
Higher

LUST:
Facility ID: 00330510
Leak ID: 1
Description: Confirmed Release Received
Cleanup Status: NFA - No Further Action
Date Received: 02/19/1999
Project Officer: Wallace,Ronald J

Actual:
1052 ft.

Facility:
Facility Id: 330510
Facility Status: Closed
Facility Type: Commercial
District: PIRT 7
Contact Id: 2684
Owner Name: MASSEY ENTERPRISES INC
Owner Address: 271 POWERS FERRY RD
Owner City: MARIETTA
Owner State: GA
Owner Zip: 30067
Owner City,St,Zip: MARIETTA, GA 30067
Owner Telephone: 770-971-4466

Tanks:
Tank ID: 1
Status: Upgrade Repair Not Marked
Status Date: Not reported

Tank ID: 1
Status: Installed
Status Date: 05/10/1974

Tank ID: 1
Status: Closed In Ground
Status Date: 01/01/1972

Tank ID: 1
Product1: Gas
Material: Marked Unknown
Capacity: 10000
Pipe Material: Unknown
Pipe Type: Not Marked
Overfill Protection: Not reported
Overfill Installed: Not reported
Tank Exempt From Spill: Not reported
Date Spill Device Installed: Not reported

Tank ID: 2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MASSEY ENTERPRISES INC (Continued)

U001475794

Status: Upgrade Repair Not Marked
Status Date: Not reported

Tank ID: 2
Status: Installed
Status Date: 05/10/1974

Tank ID: 2
Status: Closed In Ground
Status Date: 01/01/1972

Tank ID: 2
Product1: Gas
Material: Marked Unknown
Capacity: 10000
Pipe Material: Unknown
Pipe Type: Not Marked
Overfill Protection: Not reported
Overfill Installed: Not reported
Tank Exempt From Spill: Not reported
Date Spill Device Installed: Not reported

Tank ID: 3
Status: Upgrade Repair Not Marked
Status Date: Not reported

Tank ID: 3
Status: Installed
Status Date: 05/10/1974

Tank ID: 3
Status: Closed In Ground
Status Date: 01/01/1972

Tank ID: 3
Product1: Gas
Material: Marked Unknown
Capacity: 10000
Pipe Material: Unknown
Pipe Type: Not Marked
Overfill Protection: Not reported
Overfill Installed: Not reported
Tank Exempt From Spill: Not reported
Date Spill Device Installed: Not reported

Tank ID: 4
Status: Upgrade Repair Not Marked
Status Date: Not reported

Tank ID: 4
Status: Removed From Ground
Status Date: 12/01/1998

Tank ID: 4
Status: Installed
Status Date: 05/10/1974

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MASSEY ENTERPRISES INC (Continued)

U001475794

Tank ID: 4
Product1: Used Oil
Material: Marked Unknown
Capacity: 500
Pipe Material: Unknown
Pipe Type: Not Marked
Overfill Protection: Yes
Overfill Installed: Not reported
Tank Exempt From Spill: Yes
Date Spill Device Installed: Not reported

GA Financial Assurance 1:

Region: 1
Facility ID: 330510
Financial Responsibility: Not Marked

15
WSW
1/4-1/2
0.431 mi.
2274 ft.

SHELL FOOD MART
264 POWERS FERRY RD
MARIETTA, GA 30067

LUST **U003936269**
UST **N/A**
Financial Assurance

Relative:
Higher

LUST:

Actual:
1061 ft.

Facility ID: 00330072
Leak ID: 1
Description: Confirmed Release Received
Cleanup Status: NFA - No Further Action
Date Received: 12/09/1993
Project Officer: Talley,Carla M

Facility ID: 00330072
Leak ID: 2
Description: Confirmed Release Received
Cleanup Status: NFA - No Further Action
Date Received: 11/20/2002
Project Officer: Taiwo,Michael

Facility:

Facility Id: 330072
Facility Status: Active
Facility Type: Gas Station
District: PIRT 7
Contact Id: 58196
Owner Name: SHELL FOOD MART
Owner Address: 264 POWERS FERRY RD
Owner City: MARIETTA
Owner State: GA
Owner Zip: 30067
Owner City,St,Zip: MARIETTA, GA 30067
Owner Telephone: 770-971-5511

Tanks:

Tank ID: 1
Status: Upgrade Repair Not Marked
Status Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL FOOD MART (Continued)

U003936269

Tank ID: 1
Status: Installed
Status Date: 07/01/1994

Tank ID: 1
Status: Currently In Use
Status Date: 07/01/1994

Tank ID: 1
Product1: Gas
Material: Fiberglass
Capacity: 10000
Pipe Material: Fiberglass Reinforced Plastic
Pipe Type: Pressure
Overfill Protection: Not reported
Overfill Installed: 07/01/1994
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 07/01/1994

Tank ID: 2
Status: Upgrade Repair Not Marked
Status Date: Not reported

Tank ID: 2
Status: Installed
Status Date: 07/01/1994

Tank ID: 2
Status: Currently In Use
Status Date: 07/01/1994

Tank ID: 2
Product1: Gas
Material: Fiberglass
Capacity: 10000
Pipe Material: Fiberglass Reinforced Plastic
Pipe Type: Pressure
Overfill Protection: Not reported
Overfill Installed: 07/01/1994
Tank Exempt From Spill: Not reported
Date Spill Device Installed: 07/01/1994

Tank ID: 3
Status: Upgrade Repair Not Marked
Status Date: Not reported

Tank ID: 3
Status: Removed From Ground
Status Date: 03/19/1994

Tank ID: 3
Status: Installed
Status Date: 04/25/1973

Tank ID: 3
Product1: Gas
Material: Bare Steel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL FOOD MART (Continued)

U003936269

Capacity: 8000
Pipe Material: Galvanized Steel
Pipe Type: Not Marked
Overfill Protection: Not reported
Overfill Installed: Not reported
Tank Exempt From Spill: Not reported
Date Spill Device Installed: Not reported

Tank ID: 4
Status: Upgrade Repair Not Marked
Status Date: Not reported

Tank ID: 4
Status: Removed From Ground
Status Date: 03/19/1994

Tank ID: 4
Status: Installed
Status Date: 04/25/1973

Tank ID: 4
Product1: Used Oil
Material: Bare Steel
Capacity: 500
Pipe Material: Galvanized Steel
Pipe Type: Not Marked
Overfill Protection: Yes
Overfill Installed: Not reported
Tank Exempt From Spill: Yes
Date Spill Device Installed: Not reported

Tank ID: 5
Status: Upgrade Repair Not Marked
Status Date: Not reported

Tank ID: 5
Status: Installed
Status Date: 07/01/1994

Tank ID: 5
Status: Removed From Ground
Status Date: 03/19/1994

Tank ID: 5
Product1: Gas
Material: Fiberglass
Capacity: 10000
Pipe Material: Fiberglass Reinforced Plastic
Pipe Type: Pressure
Overfill Protection: Not reported
Overfill Installed: Not reported
Tank Exempt From Spill: Not reported
Date Spill Device Installed: Not reported

Tank ID: 6
Status: Upgrade Repair Not Marked
Status Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL FOOD MART (Continued)

U003936269

Tank ID: 6
Status: **Installed**
Status Date: 07/01/1994

Tank ID: 6
Status: **Removed From Ground**
Status Date: 03/19/1994

Tank ID: 6
Product1: Gas
Material: Fiberglass
Capacity: 10000
Pipe Material: Fiberglass Reinforced Plastic
Pipe Type: Pressure
Overfill Protection: Not reported
Overfill Installed: Not reported
Tank Exempt From Spill: Not reported
Date Spill Device Installed: Not reported

GA Financial Assurance 1:
Region: 1
Facility ID: 330072
Financial Responsibility: G.U.S.T. Trust Fund

16
WNW
1/4-1/2
0.491 mi.
2591 ft.

EAST MARIETTA PAINE AND BODY SHOP
6 HAMBY ROAD
MARIETTA, GA 30067

GA NON-HSI S105037233
N/A

Relative:
Higher

NON HSI:
Latitude: Not reported
Longitude: Not reported
Ground Water Pathway Score: 6.50
On-Site Pathway Score: 9.88
Report Date: 01/01/2001
Additional Info: Not reported
Contamination: benzene

Actual:
1072 ft.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
MARIETTA	S107914168	BOYD PROPERTY	1900TH & 1908 LOWER ROSWELL R		GA NON-HSI, BROWNFIELDS
MARIETTA	S107665637	ADVANCE BUILDERS BANKHEAD INERT LF	BANKHEAD		SWF/LF
MARIETTA	S107665753	BENTLEY PROPERTIES INERT LANDFILL	BENTLEY FARM ON BARNES MILL RD		SWF/LF
MARIETTA	A100329283	MAJIK MARKET #91425	455 CLAY ST	30067	AST
MARIETTA	1004461548	GOODYEAR TIRE CENTER	1930 COBB PKY	30062	FINDS, US AIRS
MARIETTA	1014696117	ABBAY APPLIANCE AND SERVICE CENTER	1106 COBB PKWY	30062	FINDS
MARIETTA	1014389555	ABBAY APPLIANCE AND SERVICE CENTER	1106 COBB PKWY	30062	RCRA-CESQG
MARIETTA	S113244621	COBB CO-REMTECH ENGINEERS	299 COBB PKWY	30062	SWF/LF
MARIETTA	S107665885	C.W. MATTHEWS CONTRACTING CO., INC	SE CORNER OF WOOD ANDERSON RD		SWF/LF
MARIETTA	S107666170	E. NEIL BISHOP INERT LANDFILL	DAVIS CIR		SWF/LF
MARIETTA	S102918555	FIRESTONE TIRE CENTER	DELK RD		SPILLS
MARIETTA	S107667510	OTTO HYDE GA HIGHWAY 5 INERT LF	GA		SWF/LF
MARIETTA	S107667726	RYLAND HOMES INERT LANDFILL	GLENLAKE S & D LOT 41 BLOCK A		SWF/LF
MARIETTA	S107667729	RYLAND HOMES INERT LANDFILL	GLENLAKE S & D LOT 64 BLOCK A		SWF/LF
MARIETTA	S107667730	RYLAND HOMES INERT LANDFILL	GLENLAKE S & D LOT 65 BLOCK A		SWF/LF
MARIETTA	S107667727	RYLAND HOMES INERT LANDFILL	GLENLAKE S & D LOT 51 BLOCK A		SWF/LF
MARIETTA	S107667728	RYLAND HOMES INERT LANDFILL	GLENLAKE S & D LOT 52 BLOCK A		SWF/LF
MARIETTA	S113244634	LOVE IMPORTS	INDIAN HILLS DR	30068	SWF/LF
MARIETTA	S107667748	RYLAND HOMES INERT LANDFILL	LOT 4 GRAND MNR S & D LOWER R		SWF/LF
MARIETTA	S107667763	RYLAND HOMES INERT LANDFILL	LOT14 GRAND MNR S & D LOWER R		SWF/LF
MARIETTA	S107667764	RYLAND HOMES INERT LANDFILL	LOT25 GRAND MNR S & D LOWER R		SWF/LF
MARIETTA	S107667765	RYLAND HOMES INERT LANDFILL	LOT28 GRAND MNR S & D LOWER R		SWF/LF
MARIETTA	U001493449	SOUTHERN BELL MRTTGAPF	2400 POWERS FERRY DR	30067	LUST, UST, Financial Assurance
MARIETTA	S107667625	RESIDENCE - WILLIAM CHESTER MORRIS	192 WESTSAND TOWN RD		SWF/LF
ROSWELL	S113244870	AFTERTRAGIC RESTORATION INC	1140 BIRCHWOOD LN	30067	SWF/LF

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 02/01/2013	Source: EPA
Date Data Arrived at EDR: 03/01/2013	Telephone: N/A
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 05/09/2013
Number of Days to Update: 12	Next Scheduled EDR Contact: 07/22/2013
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 02/01/2013	Source: EPA
Date Data Arrived at EDR: 03/01/2013	Telephone: N/A
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 05/09/2013
Number of Days to Update: 12	Next Scheduled EDR Contact: 07/22/2013
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 02/01/2013	Source: EPA
Date Data Arrived at EDR: 03/01/2013	Telephone: N/A
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 05/09/2013
Number of Days to Update: 12	Next Scheduled EDR Contact: 07/22/2013
	Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/04/2013	Source: EPA
Date Data Arrived at EDR: 03/01/2013	Telephone: 703-412-9810
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 05/29/2013
Number of Days to Update: 12	Next Scheduled EDR Contact: 09/09/2013
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 07/31/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/09/2012	Telephone: 703-603-8704
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 04/10/2013
Number of Days to Update: 72	Next Scheduled EDR Contact: 07/22/2013
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 02/05/2013	Source: EPA
Date Data Arrived at EDR: 03/01/2013	Telephone: 703-412-9810
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 05/29/2013
Number of Days to Update: 12	Next Scheduled EDR Contact: 05/09/2013
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/12/2013
Date Data Arrived at EDR: 02/21/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 6

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 05/02/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 02/12/2013
Date Data Arrived at EDR: 02/15/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 05/02/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/12/2013
Date Data Arrived at EDR: 02/15/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 05/02/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 02/12/2013
Date Data Arrived at EDR: 02/15/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 05/02/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/12/2013
Date Data Arrived at EDR: 02/15/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 05/02/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 03/14/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/29/2013	Telephone: 703-603-0695
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 03/11/2013
Number of Days to Update: 42	Next Scheduled EDR Contact: 06/24/2013
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 03/14/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/29/2013	Telephone: 703-603-0695
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 03/11/2013
Number of Days to Update: 42	Next Scheduled EDR Contact: 06/24/2013
	Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 05/20/2013
Number of Days to Update: 31	Next Scheduled EDR Contact: 09/02/2013
	Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2012	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/17/2013	Telephone: 202-267-2180
Date Made Active in Reports: 02/15/2013	Last EDR Contact: 04/02/2013
Number of Days to Update: 29	Next Scheduled EDR Contact: 07/15/2013
	Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Hazardous Site Inventory

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 07/01/2012	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/05/2012	Telephone: 404-657-8600
Date Made Active in Reports: 07/25/2012	Last EDR Contact: 04/01/2013
Number of Days to Update: 20	Next Scheduled EDR Contact: 07/15/2013
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NON HSI: Non-Hazardous Site Inventory

This list was obtained by EDR in 1998 and contains property listings that have reported contamination of soil or groundwater under the Georgia Hazardous Site Response Act (HSRA). These sites were not placed on the Georgia Priority list (Hazardous Site Inventory or HSI) because their hazard evaluation scores did not exceed the threshold levels established for sites posing an imminent threat to health or the environment. Disclaimer provided by Rindt-McDuff Associates - the database information has been obtained from publicly available sources produced by other entities. While reasonable steps have been taken to insure the accuracy of the data, RMA does not guarantee the accuracy of the data. No claim is made for the actual existence of pollution at any site. This data does not constitute a legal opinion.

Date of Government Version: 03/31/2013	Source: Rindt-McDuff Associates, Inc.
Date Data Arrived at EDR: 04/19/2013	Telephone: N/A
Date Made Active in Reports: 04/24/2013	Last EDR Contact: 04/18/2013
Number of Days to Update: 5	Next Scheduled EDR Contact: 07/15/2013
	Data Release Frequency: Annually

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Solid Waste Disposal Facilities

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/07/2012	Source: Department of Natural Resources
Date Data Arrived at EDR: 02/05/2013	Telephone: 404-362-2696
Date Made Active in Reports: 04/12/2013	Source: Center for GIS, Georgia Institute of Technology
Number of Days to Update: 66	Telephone: 404-385-0900
	Last EDR Contact: 05/10/2013
	Next Scheduled EDR Contact: 08/19/2013
	Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

LUST: List of Leaking Underground Storage Tanks

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 02/05/2013	Source: Environmental Protection Division
Date Data Arrived at EDR: 03/19/2013	Telephone: 404-362-2687
Date Made Active in Reports: 04/02/2013	Last EDR Contact: 03/19/2013
Number of Days to Update: 14	Next Scheduled EDR Contact: 07/01/2013
	Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 02/05/2013	Source: EPA Region 10
Date Data Arrived at EDR: 02/06/2013	Telephone: 206-553-2857
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 04/29/2013
Number of Days to Update: 65	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2013	Telephone: 415-972-3372
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 04/29/2013
Number of Days to Update: 42	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/27/2012	Source: EPA Region 8
Date Data Arrived at EDR: 08/28/2012	Telephone: 303-312-6271
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 04/29/2013
Number of Days to Update: 49	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 12/31/2012	Source: EPA Region 7
Date Data Arrived at EDR: 02/28/2013	Telephone: 913-551-7003
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 04/29/2013
Number of Days to Update: 43	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011	Source: EPA Region 6
Date Data Arrived at EDR: 09/13/2011	Telephone: 214-665-6597
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 04/29/2013
Number of Days to Update: 59	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 09/28/2012	Source: EPA Region 1
Date Data Arrived at EDR: 11/01/2012	Telephone: 617-918-1313
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 05/01/2013
Number of Days to Update: 162	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 02/06/2013	Source: EPA Region 4
Date Data Arrived at EDR: 02/08/2013	Telephone: 404-562-8677
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 04/29/2013
Number of Days to Update: 63	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Semi-Annually

State and tribal registered storage tank lists

UST: Underground Storage Tank Database

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 03/08/2012	Source: Environmental Protection Division
Date Data Arrived at EDR: 03/16/2012	Telephone: 404-362-2687
Date Made Active in Reports: 04/11/2012	Last EDR Contact: 03/22/2013
Number of Days to Update: 26	Next Scheduled EDR Contact: 07/01/2013
	Data Release Frequency: Annually

AST: Above Ground Storage Tanks

A listing of LP gas tank site locations.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/04/2012
Date Data Arrived at EDR: 06/05/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 9

Source: Office of Insurance & Safety Fire Commissioner
Telephone: 404-656-5875
Last EDR Contact: 02/25/2013
Next Scheduled EDR Contact: 09/09/2013
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 02/05/2013
Date Data Arrived at EDR: 02/06/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 65

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 02/21/2013
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 45

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Quarterly

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 08/02/2012
Date Data Arrived at EDR: 08/03/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 94

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 34

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 02/28/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 43

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 09/28/2012
Date Data Arrived at EDR: 11/07/2012
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 156

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 02/06/2013
Date Data Arrived at EDR: 02/08/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 63

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Semi-Annually

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/18/2013
Next Scheduled EDR Contact: 07/29/2013
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

INST CONTROL: Public Record List

Sites on the Public Record Listing that have institutional controls or limitations on use are sites with Risk Reduction Standards of 3, 4, and 5.

Date of Government Version: 02/05/2013
Date Data Arrived at EDR: 02/18/2013
Date Made Active in Reports: 03/25/2013
Number of Days to Update: 35

Source: Department of Natural Resources
Telephone: 404-657-8600
Last EDR Contact: 05/15/2013
Next Scheduled EDR Contact: 08/26/2013
Data Release Frequency: Varies

AUL: Uniform Environmental Covenants

A list of environmental covenants

Date of Government Version: 03/01/2013
Date Data Arrived at EDR: 05/15/2013
Date Made Active in Reports: 06/06/2013
Number of Days to Update: 22

Source: Department of Natural Resources
Telephone: 404-657-8600
Last EDR Contact: 05/15/2013
Next Scheduled EDR Contact: 08/26/2013
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

VCP: Voluntary Cleanup Program site

Georgia's Voluntary Remediation Program Act was created to encourage voluntary investigation and remediation of contaminated properties.

Date of Government Version: 02/01/2013	Source: DNR
Date Data Arrived at EDR: 03/05/2013	Telephone: 404-657-8600
Date Made Active in Reports: 03/29/2013	Last EDR Contact: 06/04/2013
Number of Days to Update: 24	Next Scheduled EDR Contact: 09/16/2013
	Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/28/2012	Source: EPA, Region 1
Date Data Arrived at EDR: 10/02/2012	Telephone: 617-918-1102
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 04/05/2013
Number of Days to Update: 14	Next Scheduled EDR Contact: 07/15/2013
	Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Public Record List

The Brownfields Public Record lists properties where response actions under the Georgia Hazardous Site Reuse and Redevelopment Act are planned, ongoing or completed.

Date of Government Version: 02/05/2013	Source: Department of Natural Resources
Date Data Arrived at EDR: 02/18/2013	Telephone: 404-657-8600
Date Made Active in Reports: 03/25/2013	Last EDR Contact: 05/15/2013
Number of Days to Update: 35	Next Scheduled EDR Contact: 08/26/2013
	Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/10/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/11/2012	Telephone: 202-566-2777
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 03/26/2013
Number of Days to Update: 9	Next Scheduled EDR Contact: 07/08/2013
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/29/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: No Update Planned

HIST LF: Historical Landfills

Landfills that were closed many years ago.

Date of Government Version: 01/15/2003
Date Data Arrived at EDR: 01/20/2004
Date Made Active in Reports: 02/06/2004
Number of Days to Update: 17

Source: Department of Natural Resources
Telephone: 404-362-2696
Last EDR Contact: 01/20/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

SWRCY: Recycling Center Listing

A listing of recycling facility locations.

Date of Government Version: 03/26/2013
Date Data Arrived at EDR: 03/29/2013
Date Made Active in Reports: 04/24/2013
Number of Days to Update: 26

Source: Department of Community Affairs
Telephone: 404-679-1598
Last EDR Contact: 05/28/2013
Next Scheduled EDR Contact: 07/29/2013
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 05/03/2013
Next Scheduled EDR Contact: 08/19/2013
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 03/04/2013
Date Data Arrived at EDR: 03/12/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 59

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 06/03/2013
Next Scheduled EDR Contact: 09/16/2013
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DEL SHWS: Delisted Hazardous Site Inventory Listing

A listing of sites delisted from the Hazardous Site Inventory.

Date of Government Version: 07/01/2012	Source: Department of Natural Resources
Date Data Arrived at EDR: 07/05/2012	Telephone: 404-657-8636
Date Made Active in Reports: 07/25/2012	Last EDR Contact: 04/01/2013
Number of Days to Update: 20	Next Scheduled EDR Contact: 07/15/2013
	Data Release Frequency: Annually

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 11/19/2008	Telephone: 202-307-1000
Date Made Active in Reports: 03/30/2009	Last EDR Contact: 03/23/2009
Number of Days to Update: 131	Next Scheduled EDR Contact: 06/22/2009
	Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/06/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/25/2013	Telephone: 202-564-6023
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 04/29/2013
Number of Days to Update: 15	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2012	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 01/03/2013	Telephone: 202-366-4555
Date Made Active in Reports: 02/27/2013	Last EDR Contact: 04/02/2013
Number of Days to Update: 55	Next Scheduled EDR Contact: 07/15/2013
	Data Release Frequency: Annually

SPILLS: Spills Information

Oil or Hazardous Material Spills or Releases.

Date of Government Version: 04/03/2013	Source: Department of Natural Resources
Date Data Arrived at EDR: 04/04/2013	Telephone: 706-792-7744
Date Made Active in Reports: 04/24/2013	Last EDR Contact: 04/01/2013
Number of Days to Update: 20	Next Scheduled EDR Contact: 07/15/2013
	Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/04/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/11/2013
Number of Days to Update: 39

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 02/12/2013
Date Data Arrived at EDR: 02/15/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 05/02/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 05/07/2013
Next Scheduled EDR Contact: 08/19/2013
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/19/2013
Next Scheduled EDR Contact: 07/29/2013
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 03/13/2013
Number of Days to Update: 15

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 03/11/2013
Next Scheduled EDR Contact: 06/24/2013
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 01/15/2013
Date Made Active in Reports: 03/13/2013
Number of Days to Update: 57

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/01/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 12/18/2012	Source: EPA
Date Data Arrived at EDR: 03/13/2013	Telephone: 703-416-0223
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 03/13/2013
Number of Days to Update: 30	Next Scheduled EDR Contact: 06/24/2013
	Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010	Source: Department of Energy
Date Data Arrived at EDR: 10/07/2011	Telephone: 505-845-0011
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 05/28/2013
Number of Days to Update: 146	Next Scheduled EDR Contact: 09/09/2013
	Data Release Frequency: Varies

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/05/2013	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 04/18/2013	Telephone: 303-231-5959
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 06/04/2013
Number of Days to Update: 22	Next Scheduled EDR Contact: 09/16/2013
	Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 09/01/2011	Telephone: 202-566-0250
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 05/29/2013
Number of Days to Update: 131	Next Scheduled EDR Contact: 09/09/2013
	Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006	Source: EPA
Date Data Arrived at EDR: 09/29/2010	Telephone: 202-260-5521
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 03/28/2013
Number of Days to Update: 64	Next Scheduled EDR Contact: 07/08/2013
	Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 05/28/2013
Number of Days to Update: 25	Next Scheduled EDR Contact: 09/09/2013
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 05/28/2013
Number of Days to Update: 25	Next Scheduled EDR Contact: 09/09/2013
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 04/29/2013
Number of Days to Update: 77	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/10/2011	Telephone: 202-564-5088
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 04/15/2013
Number of Days to Update: 61	Next Scheduled EDR Contact: 07/29/2013
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/01/2012	Source: EPA
Date Data Arrived at EDR: 01/16/2013	Telephone: 202-566-0500
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 04/19/2013
Number of Days to Update: 114	Next Scheduled EDR Contact: 07/29/2013
	Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 06/21/2011	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 07/15/2011	Telephone: 301-415-7169
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 03/11/2013
Number of Days to Update: 60	Next Scheduled EDR Contact: 06/24/2013
	Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 04/09/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/11/2013	Telephone: 202-343-9775
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 04/11/2013
Number of Days to Update: 29	Next Scheduled EDR Contact: 07/22/2013
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/23/2011	Source: EPA
Date Data Arrived at EDR: 12/13/2011	Telephone: (404) 562-9900
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 03/12/2013
Number of Days to Update: 79	Next Scheduled EDR Contact: 06/24/2013
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

RMP: Risk Management Plans

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 05/08/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/25/2012	Telephone: 202-564-8600
Date Made Active in Reports: 07/10/2012	Last EDR Contact: 04/29/2013
Number of Days to Update: 46	Next Scheduled EDR Contact: 08/12/2013
	Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2011	Source: EPA/NTIS
Date Data Arrived at EDR: 02/26/2013	Telephone: 800-424-9346
Date Made Active in Reports: 04/19/2013	Last EDR Contact: 05/30/2013
Number of Days to Update: 52	Next Scheduled EDR Contact: 09/09/2013
	Data Release Frequency: Biennially

NPDES: NPDES Wastewater Permit List

A listing of NPDES wastewater permits issued by the Watershed Protection Branch.

Date of Government Version: 01/27/2011	Source: Department of Natural Resources
Date Data Arrived at EDR: 02/15/2011	Telephone: 404-362-2680
Date Made Active in Reports: 02/23/2011	Last EDR Contact: 05/17/2013
Number of Days to Update: 8	Next Scheduled EDR Contact: 08/26/2013
	Data Release Frequency: Varies

DRYCLEANERS: Drycleaner Database

A list of drycleaners in the state. The listing includes drycleaner facilities, that use perchloroethylene, that responded to the Notification of Compliance Status forms. It also includes those businesses that are pick-up stores only and do not conduct dry cleaning on site.

Date of Government Version: 09/18/2009	Source: Department of Natural Resources
Date Data Arrived at EDR: 09/18/2009	Telephone: 404-363-7000
Date Made Active in Reports: 10/09/2009	Last EDR Contact: 05/13/2013
Number of Days to Update: 21	Next Scheduled EDR Contact: 08/26/2013
	Data Release Frequency: Varies

AIRS: Permitted Facility & Emissions Listing

A listing of permitted Air facilities and emissions data.

Date of Government Version: 12/31/2011	Source: Department of Natural Resources
Date Data Arrived at EDR: 02/29/2012	Telephone: 404-363-7000
Date Made Active in Reports: 04/18/2012	Last EDR Contact: 05/28/2013
Number of Days to Update: 49	Next Scheduled EDR Contact: 09/09/2013
	Data Release Frequency: Varies

TIER 2: Tier 2 Data Listing

A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 09/04/2012
Date Made Active in Reports: 11/09/2012
Number of Days to Update: 66

Source: Department of Natural Resources
Telephone: 404-656-4852
Last EDR Contact: 06/03/2013
Next Scheduled EDR Contact: 09/16/2013
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/19/2013
Next Scheduled EDR Contact: 07/29/2013
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/06/2013
Next Scheduled EDR Contact: 08/05/2013
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/04/2013
Date Data Arrived at EDR: 03/15/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 56

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 05/20/2013
Next Scheduled EDR Contact: 09/02/2013
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 02/18/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 05/10/2013
Next Scheduled EDR Contact: 08/26/2013
Data Release Frequency: Quarterly

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 01/23/2013
Date Data Arrived at EDR: 01/30/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 04/01/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Financial Assurance 2: Financial Assurance Information Listing

Financial assurance information listing for solid waste facilities.

Date of Government Version: 02/26/2013	Source: Department of Natural Resources
Date Data Arrived at EDR: 02/27/2013	Telephone: 404-362-2537
Date Made Active in Reports: 03/26/2013	Last EDR Contact: 05/28/2013
Number of Days to Update: 27	Next Scheduled EDR Contact: 09/09/2013
	Data Release Frequency: Varies

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 12/02/2012	Source: EPA
Date Data Arrived at EDR: 01/03/2013	Telephone: 202-564-6023
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 04/04/2013
Number of Days to Update: 69	Next Scheduled EDR Contact: 07/15/2013
	Data Release Frequency: Quarterly

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 04/19/2013
Number of Days to Update: 339	Next Scheduled EDR Contact: 07/29/2013
	Data Release Frequency: N/A

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 01/23/2013	Source: EPA
Date Data Arrived at EDR: 01/30/2013	Telephone: 202-564-5962
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 04/01/2013
Number of Days to Update: 100	Next Scheduled EDR Contact: 07/15/2013
	Data Release Frequency: Annually

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/18/2012	Telephone: 703-308-4044
Date Made Active in Reports: 05/25/2012	Last EDR Contact: 05/17/2013
Number of Days to Update: 7	Next Scheduled EDR Contact: 08/26/2013
	Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/29/2013
Date Data Arrived at EDR: 02/14/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 04/08/2013
Next Scheduled EDR Contact: 07/22/2013
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

A listing of financial assurance information for underground storage tank facilities.

Date of Government Version: 03/08/2012
Date Data Arrived at EDR: 03/16/2012
Date Made Active in Reports: 04/11/2012
Number of Days to Update: 26

Source: Department of Natural Resources
Telephone: 404-362-4892
Last EDR Contact: 03/22/2013
Next Scheduled EDR Contact: 07/01/2013
Data Release Frequency: Annually

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 05/03/2013
Next Scheduled EDR Contact: 08/12/2013
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash landfills.

Date of Government Version: 11/06/2012
Date Data Arrived at EDR: 11/08/2012
Date Made Active in Reports: 12/07/2012
Number of Days to Update: 29

Source: Department of Natural Resources
Telephone: 404-362-2537
Last EDR Contact: 05/06/2013
Next Scheduled EDR Contact: 08/19/2013
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 04/18/2013
Next Scheduled EDR Contact: 07/29/2013
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/15/2013
Next Scheduled EDR Contact: 06/24/2013
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Proprietary Historic Dry Cleaners - Cole

Date of Government Version: N/A	Source: N/A
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR US Hist Auto Stat: EDR Proprietary Historic Gas Stations - Cole

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: N/A
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 02/18/2013
Date Data Arrived at EDR: 02/18/2013
Date Made Active in Reports: 03/21/2013
Number of Days to Update: 31

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/21/2013
Next Scheduled EDR Contact: 09/02/2013
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/19/2013
Next Scheduled EDR Contact: 07/29/2013
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 02/07/2013
Date Made Active in Reports: 03/15/2013
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/09/2013
Next Scheduled EDR Contact: 08/19/2013
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/23/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 57

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/23/2013
Next Scheduled EDR Contact: 08/05/2013
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 06/22/2012
Date Made Active in Reports: 07/31/2012
Number of Days to Update: 39

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/28/2013
Next Scheduled EDR Contact: 09/09/2013
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 09/27/2012
Number of Days to Update: 70

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/18/2013
Next Scheduled EDR Contact: 07/01/2013
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: Rextag Strategies Corp.
Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Child Care Centers

Source: Department of Human Resources
Telephone: 404-651-5562

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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APPENDIX D: QUALIFICATIONS

Ellen R. Condich
Partner Associate



Education

Bachelor of Science in Environmental Science

Registrations

Certified EPA/AHERA Asbestos Inspector/Management Planner
Lead-Based Paint Inspector EPA Target Housing and Child-Occupied Facilities
OSHA 40-Hour Training for Hazardous Waste Operations

Summary of Professional Experience

Ms. Condich has 11 years of experience in the environmental industry. She has significant experience in due diligence assessments for a variety of property types and the needs and requirements of varied number of reporting standards, including ASTM standards, EPA's All Appropriate Inquiry (AAI), and customized client formats. Specifically, Ms. Condich has performed Phase I Environmental Site Assessments, Environmental Transaction Screens, Phase II and III Subsurface Investigations, Regulatory Compliance Assessments, Asbestos Surveys, Lead-based Paint Surveys, Radon Studies, Mold Assessments, and Lead-in-water sampling and analysis.

Ms. Condich has managed field staff that perform Phase I ESAs and has been responsible for the proper investigation of the property to include; investigation of the potential presence of USTs and hazardous chemicals or petroleum products on the property; evaluation and interpretation of environmental databases (CERCLIS, NPL, RCRA, etc.); researching historical owners and uses of the Site and neighboring properties; researching local geology; and investigating other issues which may have potential impacts to the subject property. Ms. Condich worked closely and communicated effectively with technical staff in satellite offices throughout the USA to bring the project in on time and within budget by being as flexible as needed for successful results.

Phase I ESA project experience include conducting on-site evaluations for the presence or absence of recognized environmental conditions, conducting appropriate records research, and researching the history of the Site. Evaluated property types range from undeveloped land to heavy industrial/manufacturing facilities. Ms. Condich has had to reconcile a myriad of on- and off-site environmental issues to include: Leaking Underground Storage Tanks (LUSTs); asbestos-containing materials; lead-based paint; elevated radon levels; potential contamination from dry cleaning and other halogenated solvents; abandoned leaking drums of unknown chemicals; potential issues from suspect historical operations; and metals contamination to soil and groundwater.

Phase II ESA projects include conducting on-Site subsurface evaluations to determine the presence or absence of soil and/or groundwater contamination. Subsurface evaluations included placing soil borings in appropriate areas of concern and collecting soil samples from the soil

borings. The borings may be converted to temporary groundwater monitoring wells and samples of ground water were then collected.

Finally, Ms. Condich's diversity across residential, industrial, municipal, and commercial environments is a major contribution to Partner Engineering and Science's Associate team in the Southeast region of the United States.

Michael J. Dinger
Principal



Education

B.S., Natural Resource Management and Engineering, University of Connecticut

Registrations

EPA/AHERA Asbestos Building Inspector (No. 33554)
40-Hour OSHA Hazardous Waste Site Health and Safety

Summary of Professional Experience

Mr. Dinger has over 12 years of experience in the real estate due diligence field. He has a strong background in providing environmental due diligence for debt and equity transactions, as well as the performance of Phase I Environmental Site Assessments (ESAs), regulatory compliance audits, asbestos surveys, lead-based paint surveys and mold assessments. He also has extensive portfolio management experience throughout the United States.

Mr. Dinger currently serves as a Senior Project Manager for Partner Engineering and Science, Inc. (Partner), providing solutions to clients' due diligence needs. He is responsible for ensuring consistency, quality and on-time delivery of due diligence services provided by Partner. Current day-to-day responsibilities include project oversight, staff supervision, report review and client management.

Mr. Dinger has been personally involved in the details of thousands of real estate transactions for various client types and therefore understands the specific needs and scopes of work required for the different parties involved in the transaction. Mr. Dinger has served as an Environmental Scientist, Project Manager or senior author for projects associated with over 7,000 real estate transactions. Mr. Dinger is familiar with the due diligence requirements of a varied number of reporting standards, including ASTM E1527-05, EPA's All Appropriate Inquiry (AAI) and Fannie Mae DUS and customized client formats. He also has experience with fulfilling numerous customized client scopes of work.

Previously, Mr. Dinger was a Project Manager for a Fortune 500 company and was responsible for managing due diligence projects throughout the United States. Mr. Dinger was responsible for developing client-specific report templates for Phase I ESAs and Small Loan ESA reports. Mr. Dinger's primary clientele focus included real estate investors, DUS lenders, CMBS lenders, insurance lenders and real estate equity funds.

For over five years, Mr. Dinger served as a staff Environmental Scientist for national consulting firms. In addition to performing Phase I ESAs, he conducted soil and groundwater assessments at various sites throughout New York, New Jersey, Pennsylvania and Connecticut.

Melissa Dahl
National Client Manager



Education

A.S. in Mathematics
B.S. in Environmental Science, Rutgers University

Registrations

NJDEP Subsurface Evaluation, Tank Testing, Certification and Closure Certification

Summary of Professional Experience

Ms. Dahl has over ten years' experience in the commercial real estate due diligence industry. She is familiar with all aspects of Due Diligence Property Assessments and the needs and requirements of varied number of reporting standards, including ASTM E 1527-05, EPA's All Appropriate Inquiry (AAI), Standard and Poor's Property Condition Assessment Criteria, and customized client formats. Ms. Dahl has also performed and reviewed ownership equity level Phase I Environmental Site Assessments, Property Condition Assessments, various HUD assessments, as well as Fannie Mae 3 MAX, DUS and Freddie Mac Environmental and Physical Needs Assessments.

Ms. Dahl's core focus is in providing commercial real estate due diligence services and environmental risk management for developers and financial institutions. She has managed over 1,000 studies to support pooled collateral property undergoing securitization. She has worked closely with property managers, legal counsel, regulatory agencies, and special asset groups at banks providing insight into the risks and liabilities associated with properties and assistance in structuring various transactions. Ms. Dahl also developed QA/QC procedures to streamline reporting processes for Phase I Environmental Site Assessments, and Property Condition Assessments.

Ms. Dahl formerly performed as a Project Manager for a Fortune 500 real estate firm, where her primary responsibilities were to manage field operations, remain apprised of latest state and federal regulatory mandates, and review Phase I Assessment reports to insure client scope of work was properly executed and project deadlines remained on target. Ms. Dahl's field experience includes the successful completion of over 1,000 Phase I Environmental Site Assessments on various retail, office, industrial, hospitality, and government facilities.

Earlier in her career, Ms. Dahl assisted with the design of a contaminated groundwater treatment plant for a highly publicized Superfund site located in New Jersey, which is continually scrutinized and monitored by the media. Ms. Dahl assisted with the writing of a feasibility study submitted to the EPA for the Superfund site. She also coordinated and ran daily public meetings with the citizens of the township providing constant interaction with public relations media.

Ms. Dahl is a committed team member to the guiding principles and success of an organization providing consistent product quality, customer focus, adherence to company standards and flawless execution resulting in complete client satisfaction.

APPENDIX G

AUGUST 2013 PHASE II SUBSURFACE INVESTIGATION REPORT (PARTNER)



PHASE II SUBSURFACE INVESTIGATION REPORT

IRON POINT PORTFOLIO – NEW MARKET CENTER
2060 Lower Roswell Road
Marietta, Cobb County, Georgia 30068

August 6, 2013
Partner Project Number 13-104504.40



Prepared for

A10 CAPITAL, LLC (ITS SUCCESSORS AND/OR ASSIGNS)
250 South 5th Street, #400
Boise, Idaho 83702

August 6, 2013

Mr. Jamie Berenger
A10 Capital, LLC (its successors and/or assigns)
250 South 5th Street, #400
Boise, Idaho 83702

Subject: Limited Phase II Subsurface Investigation
Iron Point Portfolio – New Market Center
2060 Lower Roswell Road
Marietta, Cobb County, Georgia 30068
Partner Project No. 13-104504.40

Dear Mr. Berenger:

The following letter report details the field activities, methods, and findings of the Phase II Subsurface Investigation conducted by Partner Engineering and Science, Inc. (Partner) at the above-referenced property. The purpose of the investigation was to provisionally investigate the potential impacts to the soil and/or groundwater beneath the subject property from a dry cleaning facility that has operated on the subject property from 1989 to present.

A10 Capital, LLC provided project authorization through a signed copy of Partner Proposal Number P13-104504.40.

Site Description

The subject property is located on the south side of Lower Roswell Road, within a mixed commercial and residential area of Marietta, Cobb County, Georgia. The subject property is currently occupied by TLC Cleaners, Art & Food, Three Colors Asian Kitchen, Marietta and Vineyard Church for commercial use. On-site operations consist of dry cleaning, food preparation and religious services. In addition to the current structure, the subject property is also improved with asphalt-paved parking areas and associated landscaping. Please see Figure 1 for a topographic map of the site vicinity.

The immediately surrounding properties consist of Massey Automotive and a strip center containing Bruester's Ice Cream and Myschka's Salon followed by Lower Roswell Road, which is followed by East Marietta Branch Library and Sewell Park to the north; various residences to the south; Zaxby's restaurant to the east; and Shawnee Lane followed by undeveloped land and Arnolds Automotive to the west. Please see Figure 2 for a site plan.

Site History

According to available historical sources reviewed as part of the Phase I Environmental Site Assessment (Phase I) completed by Partner in June 2013, the subject property was formerly undeveloped and in agricultural production from as early as 1938 and up until 1972. The site was subsequently redeveloped with the current structure in 1973. According to the interviews and historical documentation, the subject property has been occupied by a dry cleaning business from as early as 1989 to present day. According to the manager, on-site dry cleaning operations use chlorinated solvents, such as perchloroethylene (PCE). These solvents, even when properly stored and disposed of, can be released from these facilities in small,

frequent releases through floor drains, cracked concrete and sewer systems. Chlorinated solvents are highly mobile chemicals that can easily accumulate in the soil and migrate to the groundwater beneath a facility. During the on-site reconnaissance, Partner observed several 30- and 55-gallon steel drums of new and spent PCE stored without secondary containment as well as one closed loop dry cleaning machine within Suite 100. No floor drains were noted in the general vicinity of the machine or stored chemicals. Additionally, a previous subsurface investigation performed at the subject property in 1999 revealed low concentrations of soil and groundwater contamination associated with the on-site dry cleaning facility. The Georgia Environmental Protection Division (GEPD) determined that the release did not exceed a reportable quantity, and the site was not placed on the Hazardous Site Inventory (HSI) at that time. Based on the reported presence of subsurface impacts associated with the on-site dry cleaning operations, the duration of dry cleaning operations on-site (approximately 24 years), and the duration since the previous subsurface investigation, the presence of a dry cleaning facility was considered a recognized environmental condition in association with the subject property.

Local Geology and Hydrogeology

Based on a review of the United States Geological Survey (USGS), *Sandy Springs, Georgia* Quadrangle 7.5- minute series topographic map, the subject property is located at approximately 1,020 feet above mean sea level (msl). The contour lines in the area of the subject property indicate the area is sloping gently toward the southeast.

A review of the borings advanced during this investigation indicates that in general, the lithology beneath the site includes a tan to brown silt with varying amounts of sand and clay. Please see Appendix A for the borings logs prepared during this investigation.

Field Activities

To evaluate if the on-site dry cleaning activities have had an adverse impact on the subsurface soils and/or groundwater at the subject property, Partner conducted a Phase II Subsurface Investigation. The investigative scope included advancing five interior and exterior soil borings (NM-1 through NM-5) for the collection of representative soil and groundwater samples.

Utility Clearance

Partner notified the Georgia Utilities Protection Center (GAUPC) to clear public utility lines as required by law. GAUPC issued ticket numbers 07223-260-027 and 07223-213-045 for the project.

Health and Safety Plan

Partner reviewed the site-specific Health and Safety Plan with all on-site personnel involved in the project prior to the commencement of field activities.

Drilling Equipment

On July 30, 2013 Partner subcontracted with The Probing Company (TPC) to provide and operate Geoprobe[®] drilling equipment on the subject property. TPC, under the direction of Partner, advanced borings NM-1 and NM-2 with a Geoprobe[®] Model 5410 truck-mounted direct-push drill rig and borings NM-3 through NM-5 with Geoprobe[®] direct push hand tools. All drilling rods and/or sampling equipment were decontaminated between samples and/or boreholes to prevent cross-contamination.

Boring Locations

Boring NM-1 was installed in the parking lot located southeast of the TLC Cleaners; boring NM-2 was installed in the parking lot located southeast of the TLC Cleaners and southeast of boring NM-1; boring NM-3 was installed adjacent to the rear of the dry cleaning machine and in close proximity to the drum storage area located inside the east-central portion of the TLC Cleaners; boring NM-4 was installed beneath and adjacent to the spotting board located inside the central portion of the TLC Cleaners; and boring SH-5 was installed adjacent to the northwest corner of the grit trap located inside southern portion of the TLC Cleaners. Please see Figure 3 for a sample location map.

Sampling Depths

Boring NM-1 was advanced to a terminal depth of approximately 12 feet below land surface (bls) and boring NM-2 was advanced to a terminal depth of approximately 16 feet bls. Interior boring NM-3 was advanced to a terminal depth of approximately 4 feet bls and borings NM-4 and NM-5 were advanced to a terminal depth of approximately 5 feet bls.

Soil Sampling Methodology

The borings installed during this assessment were advanced through both concrete and asphalt surfaces. Soil samples from exterior borings NM-1 and NM-2 were collected using a 4-foot long Geoprobe® DualTube™ sampler equipped with a 4-foot long polyvinyl chloride (PVC) sample sleeve. Soil samples from interior borings NM-3 through NM-5 were collected using a 2-foot long by 1.5-inch diameter Geoprobe® LargeBore™ sampler with a 2-foot long polyvinyl chloride (PVC) sample sleeve. To collect a soil sample, the sampler was driven into the subsurface using the percussion of the direct-push drill rig (exterior) or a rotary hammer (interior). Once at the target depth, the tooling attached to the PVC sample liner with soils inside were removed from the ground. A new sleeve was placed on the tools and the sampler was lowered back inside the hole to the last depth of penetration. Once at that depth, additional tooling was attached, and the sampler was advanced into the subsurface again using the percussion of the direct push rig or a rotary hammer. This process was repeated until reaching the target depth.

To inspect and collect the sample, a section of the PVC liner was removed with a splitting tool to expose the soil. The soil column was then visually inspected for discoloration, monitored for odors, measured for organic compounds using a MiniRae® 3000 photoionization detector (PID), and classified in accordance with the Unified Soil Classification System (USCS). The soil sample exhibiting the highest PID concentration, or the sample collected from the base of the sampling interval was selected for laboratory analysis. PID readings at this site ranged from 0.0 parts per million (ppm) to 489.4 ppm.

Groundwater Sampling Methodology

Borings NM-1 and NM-2 were advanced to a maximum depth of 16 feet bls. Once at the target depth, a Geoprobe® Screen Point 22 (Geoprobe® SP-22) groundwater sampling device was lowered into the hole to facilitate the collection of groundwater samples from beneath the site. The groundwater samples were collected from these borings with a checkball and new disposable plastic tubing. Groundwater samples were not proposed for collection from the shallow interior borings.

Upon completion, each of the borings was backfilled in accordance with the State of Georgia requirements and resurfaced to match the existing material. No significant amounts of derived wastes were generated during this investigation.

Laboratory Analyses

Partner collected four (4) soil and two (2) groundwater samples on July 30, 2013, which were transported under proper chain-of-custody protocol to TestAmerica, Inc. (TestAmerica), a state-certified laboratory, in Pensacola, Florida for analysis of volatile organic compounds (VOCs) via EPA Method 8260.

Investigation Scope Summary

Please see the attached Table 1 for a summary of the borings, sampling schedule, and laboratory analyses for this investigation.

Laboratory Analysis Results

TestAmerica reported the analytical results for this site on August 2, 2013. The laboratory analytical reports, which include chain-of-custody and laboratory quality assurance/quality control (QA/QC) documentation, are presented in Appendix B. The laboratory analytical results are summarized in Table 2 and 3.

Subsurface Investigation Discussion

In 1992, Georgia adopted its version of the Federal Superfund Law enforced by the United States EPA entitled the Hazardous Site Response Act. The Georgia Environmental Protection Division adopted the rules and regulations to enforce HSRA in 1994 (391-3-19). HSRA addresses soil and groundwater contamination at a site that is not applicable to the rules and regulations of the Georgia Underground Storage Tank Program. According to HSRA, a contaminant release notification is required by the property owner to the Director of the Hazardous Site Response if a release of a regulated substance is detected which causes the concentration in soil to exceed a concentration in Appendix I (*Soil Trigger Levels*) or if a release of a regulated substance is detected which causes the concentration in groundwater to exceed the naturally occurring background concentration.

The volatile organic compound (VOC) tetrachloroethene and p-cymene by USEPA method 8260 were identified in one or more of the soil samples collected from the subject property at concentrations ranging from 0.10 milligrams per kilogram (mg/kg) to 56 mg/kg. Of the concentrations of tetrachloroethylene and p-cymene identified in the soil samples collected during this limited assessment, only the concentrations of tetrachloroethene identified in the soil samples collected from borings NM-4 (2 feet bls) and NM-5 (5 feet bls) exceeded their respective *Soil Trigger Levels*. No other VOCs were identified in the soil samples collected during this subsurface investigation.

The VOC tetrachloroethene by USEPA method 8260 was identified in the groundwater sample collected from boring NM-1 (NM-1W) at a concentration of 1.2 micrograms per liter ($\mu\text{g/l}$). This concentration of tetrachloroethene did not exceed its HSRA Target Level. However, it should be noted that HSRA considers the presence of any non-naturally occurring contaminant to be a reportable concentration regardless of whether it is present in excess of the HSRA Target Level.

Summary and Conclusions

Partner completed a Phase II Subsurface Investigation at the subject property to provisionally investigate the potential impacts to the soil and groundwater beneath the subject property from an on-site dry cleaning facility that has operated on the subject property from 1989 to present. The subsurface

investigation of this property included the collection of four soil samples and two groundwater samples. Results from this subsurface investigation identified the VOCs p-cymene and tetrachloroethene in one or more of the soil samples collected as well as the VOC tetrachloroethene in one of the two groundwater samples collected. The concentrations of tetrachloroethene present in two of the collected samples exceeded the HSRA *Soil Trigger Level*. Although the concentration tetrachloroethene identified in the groundwater sample collected from boring NM-1 (NM-1W) did not exceed its HSRA Target Level, it was present in excess of the HSRA reportable concentration (i.e. the method detection level).

Recommendations

As indicated above, a contaminant release notification is required by the property owner to the HSRA Director if a release of a regulated substance is detected which causes the concentration in soil to exceed a concentration in Appendix I (*Soil Trigger Level*), or if a release of a regulated substance is detected which causes the concentration in groundwater to exceed the naturally occurring background concentration. Based on the findings of this assessment, the VOC tetrachloroethene identified in both the soil and groundwater samples collected during this limited assessment exceeded their respective GEPD HSRA notification concentrations. Therefore it is Partner's opinion that notification to the Director of HSRA about these contaminant concentrations in soil and groundwater would be required.

Partner is cognizant of the fact that contaminant concentrations that were identified at the site during a 1999 site assessment were reported to HSRA, and that HSRA determined that a "no-listing" (non-HSI) letter was appropriate at that time. However, significant time has passed since this reporting event, and conditions at the site and it surrounding area likely have changed. Based on the extended amount of time since the reporting was conducted in 1999 (14 years), it is Partner's opinion that HSRA should be made aware of these newly discovered concentrations.

Limitations

This Report presents a summary of work completed by Partner. The completed work includes observations of site conditions encountered and the analytical results provided by an independent third party laboratory of samples collected during the course of the project. The number and location of samples were selected to provide the required information. However, it cannot be assumed that the limited available data are representative of subsurface conditions in areas not sampled.

All conclusions and/or recommendations are based on the observations, laboratory analyses, and the governing regulations. Conclusions and/or recommendations beyond those stated and reported herein should not be inferred from this document.

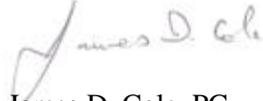
Partner warrants that the environmental consulting services contained herein were accomplished in accordance with generally accepted practices in the environmental engineering, geology, and hydrogeology fields that existed at the time and location of work. No other warranties are implied or expressed.

All reports, both verbal and written, as they pertain to the property located at the 2060 Lower Roswell Road, Cobb County, Georgia are for the sole use and benefit A10 Capital, LLC (its successors and/or assigns). This report has no other purpose and may not be relied upon by any other person or entity without the written consent of Partner.

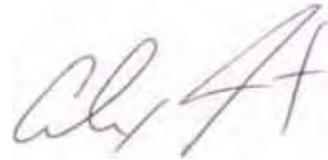
Signatures of Participating Professionals

Thank you for the opportunity to be of service. If you have any questions regarding this investigation, please contact Melissa Dahl at (201) 984-3651 or mdahl@partneresi.com.

Sincerely,



James D. Cole, PG
Professional Assessor



Alex Smith
Staff Professional II

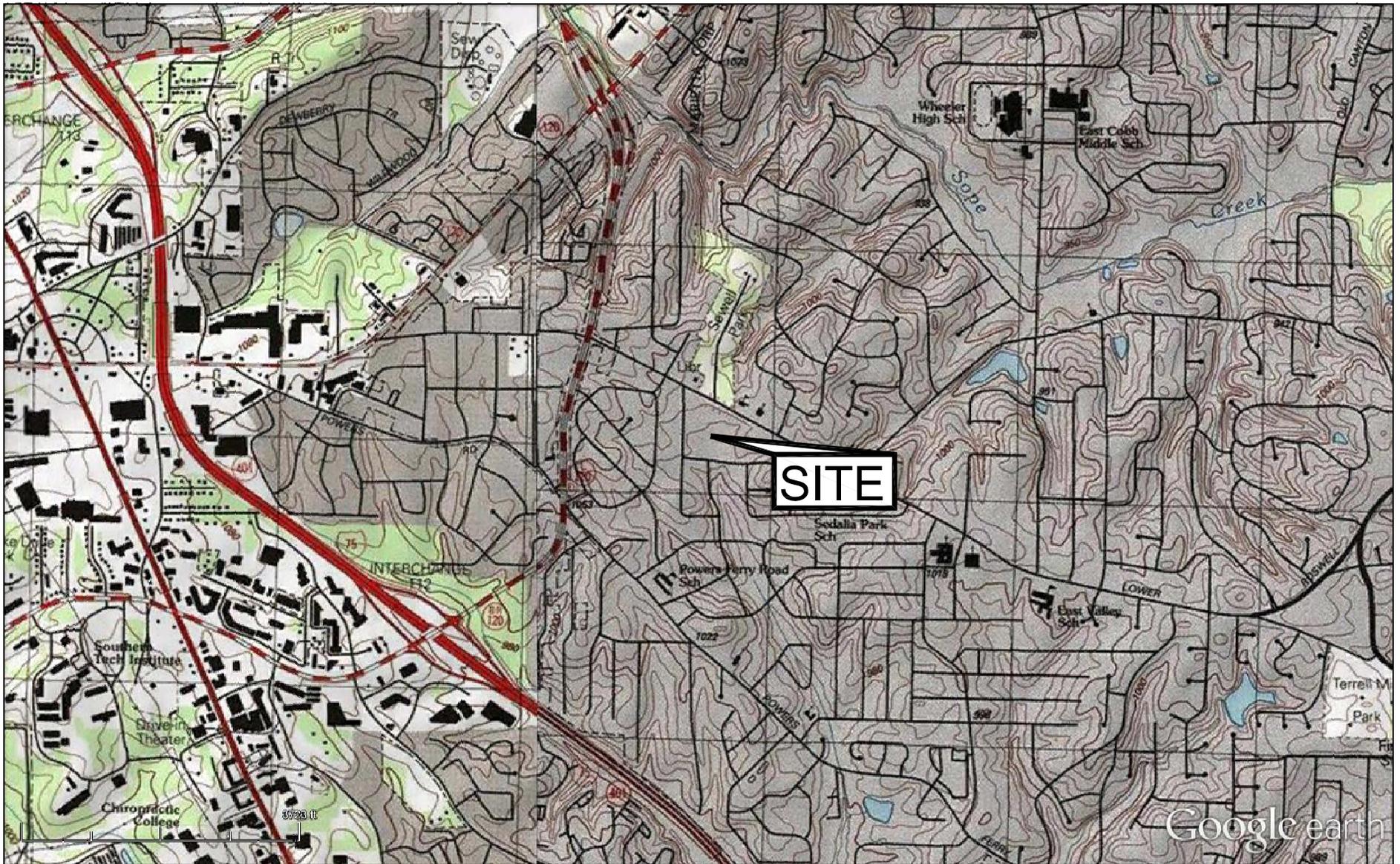


Melissa Dahl
National Client Manager

Attachments:

- | | |
|------------|--|
| Figures | <ol style="list-style-type: none">1. Site Vicinity Map2. Site Plan3. Site Plan/Sampling Locations |
| Tables | <ol style="list-style-type: none">1. Summary of Investigation Scope2. Summary of Soil Analytical Results - VOCs by USEPA Method 82603. Summary of Groundwater Analytical Results - VOCs by USEPA Method 8260 |
| Appendices | <ol style="list-style-type: none">A. Boring LogsB. Laboratory Analytical Reports |

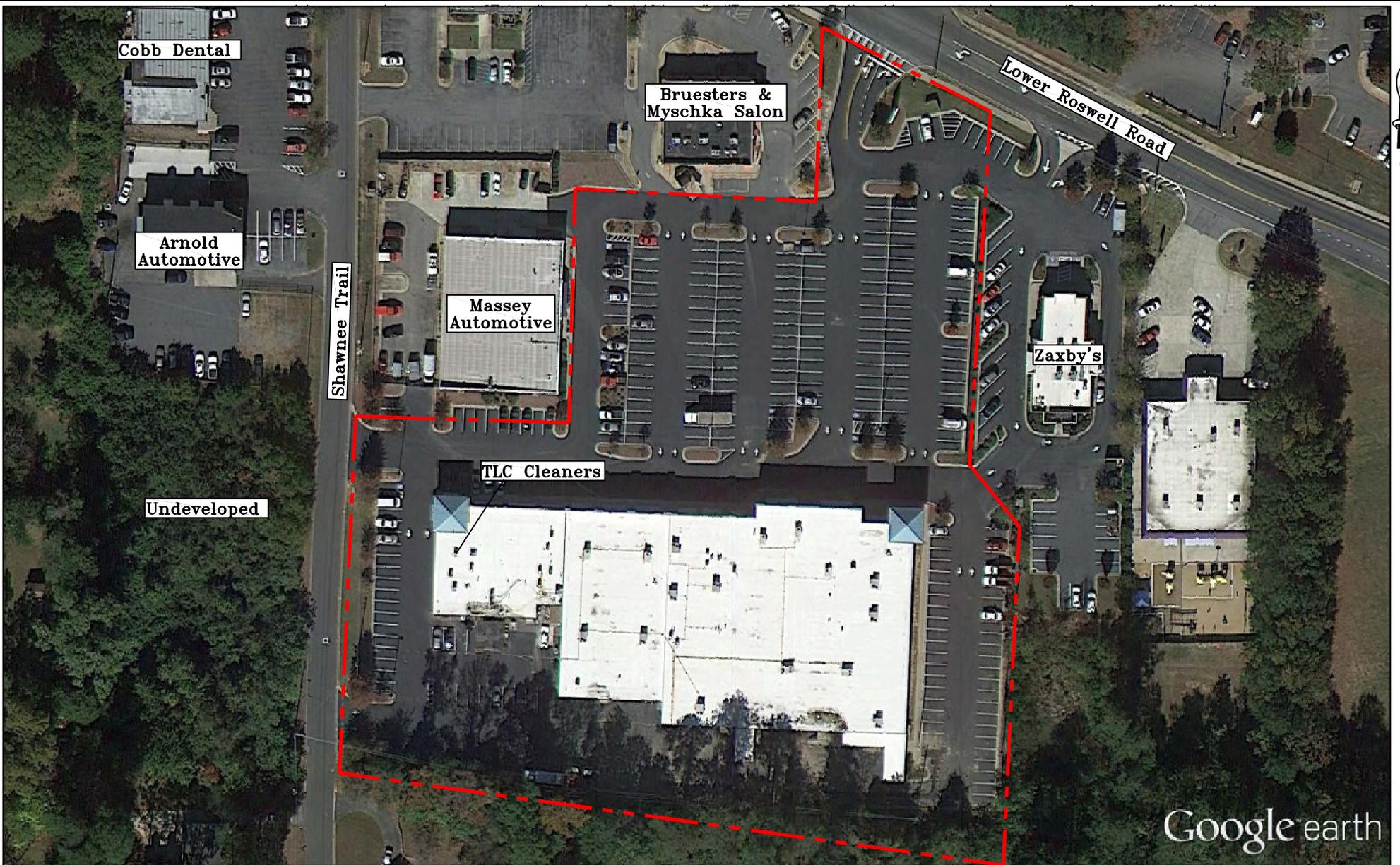
FIGURES



SITE VICINITY MAP

NEW MARKET CENTER
2060 LOWER ROSWELL ROAD
MARIETTA, COBB COUNTY, GEORGIA 30068
PROJECT NO.: 13-104504.40

PARTNER



LEGEND

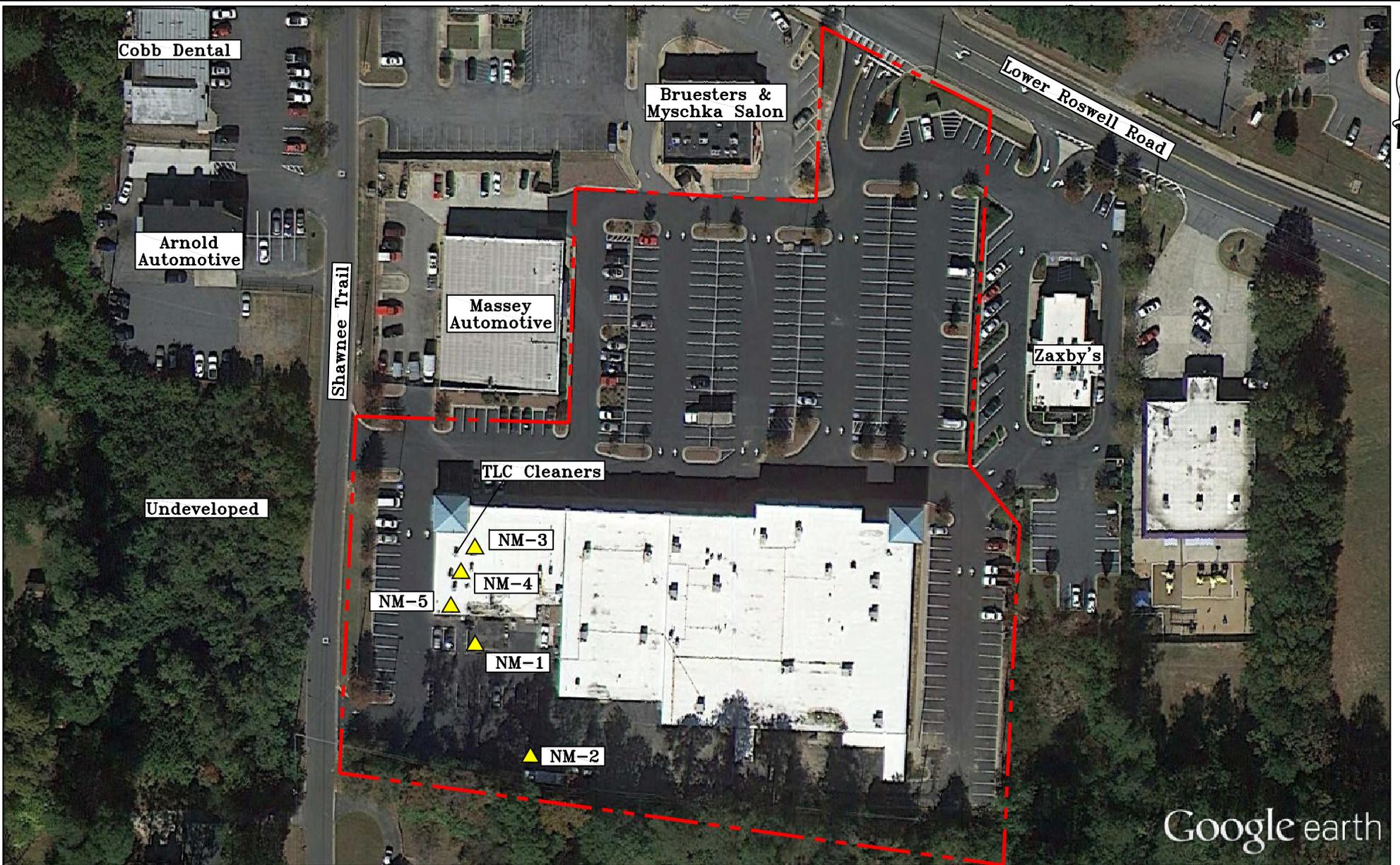
--- Site Boundary (Approximate)

NOT TO SCALE

SITE PLAN

NEW MARKET CENTER
 2060 LOWER ROSWELL ROAD
 MARIETTA, COBB COUNTY, GEORGIA 30068
 PROJECT NO.: 13-104504.40

PARTNER



LEGEND

- - - Site Boundary (Approximate)
- ▲ Soil Boring Location

NOT TO SCALE

SITE PLAN/SAMPLING LOCATIONS

NEW MARKET CENTER
 2060 LOWER ROSWELL ROAD
 MARIETTA, COBB COUNTY, GEORGIA 30068
 PROJECT NO.: 13-104504.40

PARTNER

TABLES

TABLE 1
SUMMARY OF INVESTIGATION SCOPE
New Market Center
2060 Lower Roswell Road
Marietta, Cobb County, Georgia 30068
Partner Project Number 13-104504.40

Location ID	Location	Terminal Depth (feet bls)	Matrix Sampled	Sampling Depth (feet bls)	Target Contaminants
NM-1	In the parking lot located southeast of the TLC Cleaners	12	Soil/GW	4 (soil) 9 - 12 (GW)	VOCs by 8260
NM-2	In the parking lot located southeast of the TLC Cleaners and southeast of boring NM-1	16	GW	13 - 16 (GW)	VOCs by 8260
NM-3	Adjacent to the rear of the dry cleaning machine and in close proximity to the drum storage area located inside the east-central portion of the TLC Cleaners	4	Soil	4 (soil)	VOCs by 8260
NM-4	Beneath and adjacent to the spotting board located inside the central portion of the TLC Cleaners	5	Soil	2 (soil)	VOCs by 8260
NM-5	Adjacent to the northwest corner of the grit trap located inside southern portion of the TLC Cleaners	5	Soil	5 (soil)	VOCs by 8260

Notes:

GW - Groundwater

VOCs - volatile organic compounds

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS
VOLATILE ORGANIC COMPOUNDS BY 8260
New Market Center
2060 Lower Roswell Road
Marietta, Cobb County, Georgia 30068
Partner Project Number 13-104504.40

Sample Location	Date Collected	p-Cymene (mg/kg)	Tetrachloroethene (mg/kg)
NM-1-4	7/30/2013	ND	ND
NM-3-4	7/30/2013	ND	0.10
NM-4-2	7/30/2013	ND	0.78
NM-5-5	7/30/2013	0.47 J	56
Soil Trigger Level		NE	0.18

Notes:

mg/kg -milligrams per kilogram, or parts per million

ND - Not detected above laboratory detection limit

Soil Trigger Level or NC = HSRA 391-3-19 Soil Trigger Level

NE - Not Established

J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS
VOLATILE ORGANIC COMPOUNDS BY 8260
New Market Center
2060 Lower Roswell Road
Marietta, Cobb County, Georgia 30068
Partner Project Number 13-104504.40

Sample Location	Date Collected	p-Cymene (mg/kg)	Tetrachloroethene (mg/kg)
NM-1-4	7/30/2013	ND	ND
NM-3-4	7/30/2013	ND	0.10
NM-4-2	7/30/2013	ND	0.78
NM-5-5	7/30/2013	0.47 J	56
Soil Trigger Level		NE	0.18

Notes:

mg/kg -milligrams per kilogram, or parts per million

ND - Not detected above laboratory detection limit

Soil Trigger Level or NC = HSRA 391-3-19 Soil Trigger Level

NE - Not Established

J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
VOLATILE ORGANIC COMPOUNDS BY METHOD 8260
New Market Center
2060 Lower Roswell Road
Marietta, Cobb County, Georgia 30068
Partner Project Number 13-104504.40

Sample Location	Date Collected	Tetrachloroethene (µg/l)
NM-1W	7/30/2013	1.2
NM-2W	7/30/2013	ND
HSRA NC		MDL
HSRA Target Level		5

Notes:

µg/l - micrograms per liter, or parts per billion
 ND - Not Detected
 MDL - Method Detection Level.
 HSRA NC - HSRA Notification Concentration
 Analysis conducted by USEPA SW-846 method 8260

APPENDIX A: BORING LOGS

PARTNER

SOIL BORING LOG

Boring/Well Number: NM-1	Site Name: New Market Center
Drilling Method: Direct Push	Site Location: Marietta, Georgia
Borehole Size: 2.5 inch	Date Installed: July 30, 2013
Drilling Company: The Probing Company	Boring Depth: 12-feet
Sampling Method: Grab	Supervisor: C. Leitch

Depth in Feet	Sample Number	USCS Class	PID Reading	Lithologic Description	Notes
0				Asphalt	
	1	SP	0.0	Clayey Sand, grades to a Sand, fine grained, well sorted, tan, dry.	Soil Sample (4') Collected for Analysis
			0.1		
5	2	SM	0.0	Sandy Silt, tan, light brown, damp @ 7 ft bls.	
			0.0		
10	3	SM		Silt, with sand, tan grades to dark gray and black, wet.	
				Advanced SP-22 to 12 feet bls to facilitate the collection of a groundwater sample.	
				<u>NM-1-4</u> VOCs by 8260	
				<u>NM-1W</u> VOCs by 8260	
20					
25					
35					
40					

PARTNER

SOIL BORING LOG

Boring/Well Number: NM-2	Site Name: New Market Center
Drilling Method: Direct Push	Site Location: Marietta, Georgia
Borehole Size: 2.5 inch	Date Installed: July 30, 2013
Drilling Company: The Probing Company	Boring Depth: 16-feet
Sampling Method: Grab	Supervisor: C. Leitch

Depth in Feet	Sample Number	USCS Class	PID Reading	Lithologic Description	Notes
0				Asphalt	
				No soil samples collected.	
5					
10					
15				Advanced SP-22 to 16 feet bls to facilitate the collection of a groundwater sample.	
20				<u>NM-2W</u> VOCs by 8260	
25					
35					
40					

PARTNER

SOIL BORING LOG

Boring/Well Number: NM-3	Site Name: New Market Center
Drilling Method: Direct Push - Hand Tools	Site Location: Marietta, Georgia
Borehole Size: 1.5 inch	Date Installed: July 30, 2013
Drilling Company: The Probing Company	Boring Depth: 4-feet
Sampling Method: Grab	Supervisor: C. Leitch

Depth in Feet	Sample Number	USCS Class	PID Reading	Lithologic Description	Notes
0				Concrete ~12 inches	
1	1	ML	23.1	Silty Clay, brown, dry.	
2			27.9		
3	2	ML	29.0	Clayey Silt, brown, dry.	
4			39.7		
				Discontinued due to retraction problems.	Soil Sample (4') Collected for Analysis
				<u>NM-3-4</u> VOCs by 8260	
6					
7					



SOIL BORING LOG

Boring/Well Number: NM-4	Site Name: New Market Center
Drilling Method: Direct Push - Hand Tools	Site Location: Marietta Georgia
Borehole Size: 1.5 inch	Date Installed: July 30, 2013
Drilling Company: The Probing Company	Boring Depth: 5-feet
Sampling Method: Grab	Supervisor: C. Leitch

Depth in Feet	Sample Number	USCS Class	PID Reading	Lithologic Description	Notes
0				Concrete	
1	1	ML	9.9	Silt, some clay, brown, dry.	
2			13.8		
3	2	ML	6.9	Silt, light brown, dry.	
4			6.8		
5	3	ML	3.5	Silt, ligh brown, dry.	
6					
7					

Soil Sample
(2')
Collected for
Analysis

NM-4-2
VOCs by 8260

PARTNER

SOIL BORING LOG

Boring/Well Number: NM-5	Site Name: New Market Center
Drilling Method: Direct Push - Hand Tools	Site Location: Marietta, Georgia
Borehole Size: 1.5 inch	Date Installed: July 30, 2013
Drilling Company: The Probing Company	Boring Depth: 5-feet
Sampling Method: Grab	Supervisor: C. Leitch

Depth in Feet	Sample Number	USCS Class	PID Reading	Lithologic Description	Notes
0				Concrete ~12 inches	
1	1	ML	---	Silt, with sand, brown, dry.	
2			28.2		
3	2	ML	68.0	Clayey Silt, trace sand, mica, tan, dry.	
4			85.4		
5	3	ML	489.4	Silt, some clay, tan, dry.	Soil Sample (5') Collected for Analysis
6				<u>NM-5-5</u> VOCs by 8260	
7					

APPENDIX B: LABORATORY REPORT

ANALYTICAL REPORT

Job Number: 400-78069-1

Job Description: New Market Center 13-104504.40

For:

Partner Engineering and Science, Inc
2701 N. Dallas Parkway
Suite 120
Plano, TX 75093
Attention: Alex Smith



Approved for release.
Marty P Edwards
Customer Service Manager
8/2/2013 5:07 PM

Marty P Edwards, Customer Service Manager
3355 McLemore Drive, Pensacola, FL, 32514
(850)474-1001
marty.edwards@testamericainc.com
08/02/2013

The test results in this report meet all NELAP requirements for accredited parameters, unless otherwise noted, and relate only to the referenced samples. Pursuant to NELAP, this report may not be reproduced, except in full, without written approval from the laboratory. For questions please contact the Project Manager at the e-mail address listed on this page, or the telephone number at the bottom of the page. TestAmerica Pensacola Certifications and Approvals: Alabama (40150), Arizona (AZ0710), Arkansas (88-0689), Florida (E81010), Illinois (200041), Iowa (367), Kansas (E-10253), Kentucky UST (53), Louisiana (30748), Maryland (233), Massachusetts (M-FL094), Michigan (9912), New Hampshire (250510), New Jersey (FL006), North Carolina (314), Oklahoma (9810), Pennsylvania (68-00467), Rhode Island (LAO00307), South Carolina (96026), Tennessee (TN02907), Texas (T104704286-10-2), Virginia (00008), Washington (C2043), West Virginia (136), USDA Foreign Soil Permit (P330-08-00006).

TestAmerica Laboratories, Inc.

TestAmerica Pensacola 3355 McLemore Drive, Pensacola, FL 32514
Tel (850) 474-1001 Fax (850) 478-2671 www.testamericainc.com



Job Narrative
400-78069-1

Comments

No additional comments.

Receipt

The samples were received on 7/31/2013 9:21 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.1° C.

GC/MS VOA

Method 8260B: The following analytes recovered outside control limits for the LCS and/or LCSD associated with batch 400-187359: 1,2-Dichlorobenzene, Chlorobenzene, 1,3-Dichlorobenzene, Naphthalene, chlorodibromomethane, and Ethylene Dibromide. These analytes are not indicative of a systematic problem and were within the Marginal Exceedance Limits; therefore, the results have been reported and qualified.

No other analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: Partner Engineering and Science, Inc

Job Number: 400-78069-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
400-78069-1 Percent Moisture	NM-1-4	15		0.10	%	Moisture
400-78069-2 Tetrachloroethene Percent Moisture	NM-3-4	0.10 14		0.0063 0.10	mg/Kg %	8260B Moisture
400-78069-3 Tetrachloroethene Percent Moisture	NM-4-2	0.78 16		0.27 0.10	mg/Kg %	8260B Moisture
400-78069-4 p-Cymene Tetrachloroethene Percent Moisture	NM-5-5	0.47 56 24	J	1.6 1.6 0.10	mg/Kg mg/Kg %	8260B 8260B Moisture

METHOD SUMMARY

Client: Partner Engineering and Science, Inc

Job Number: 400-78069-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds (GC/MS)	TAL PEN	SW846 8260B	
Closed System Purge and Trap	TAL PEN		SW846 5035
Percent Moisture	TAL PEN	EPA Moisture	

Lab References:

TAL PEN = TestAmerica Pensacola

Method References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Partner Engineering and Science, Inc

Job Number: 400-78069-1

Method	Analyst	Analyst ID
SW846 8260B	McCarver, Amber R	ARM
EPA Moisture	Crawford, Lauren E	LEC

SAMPLE SUMMARY

Client: Partner Engineering and Science, Inc

Job Number: 400-78069-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
400-78069-1	NM-1-4	Solid	07/30/2013 0745	07/31/2013 0921
400-78069-2	NM-3-4	Solid	07/30/2013 0935	07/31/2013 0921
400-78069-3	NM-4-2	Solid	07/30/2013 1000	07/31/2013 0921
400-78069-4	NM-5-5	Solid	07/30/2013 1045	07/31/2013 0921

SAMPLE RESULTS

Analytical Data

Client: Partner Engineering and Science, Inc

Job Number: 400-78069-1

Client Sample ID: NM-1-4

Lab Sample ID: 400-78069-1

Date Sampled: 07/30/2013 0745

Client Matrix: Solid

% Moisture: 15.1

Date Received: 07/31/2013 0921

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	400-187359	Instrument ID:	Darwin
Prep Method:	5035	Prep Batch:	400-187370	Lab File ID:	D08021308.D
Dilution:	1.0			Initial Weight/Volume:	4.148 g
Analysis Date:	08/02/2013 1241			Final Weight/Volume:	5.00 g
Prep Date:	08/01/2013 1551				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
1,1,1,2-Tetrachloroethane		<0.0071		0.0071
1,1,1-Trichloroethane		<0.0071		0.0071
1,1,2,2-Tetrachloroethane		<0.0071		0.0071
1,1,2-Trichloroethane		<0.0071		0.0071
1,1-Dichloroethane		<0.0071		0.0071
1,1-Dichloroethene		<0.0071		0.0071
1,1-Dichloropropene		<0.0071		0.0071
1,2,3-Trichlorobenzene		<0.0071		0.0071
1,2,3-Trichloropropane		<0.0071		0.0071
1,2,4-Trichlorobenzene		<0.0071		0.0071
1,2,4-Trimethylbenzene		<0.0071		0.0071
1,2-Dibromo-3-Chloropropane		<0.0071		0.0071
1,2-Dichlorobenzene		<0.0071	*	0.0071
1,2-Dichloroethane		<0.0071		0.0071
1,2-Dichloropropane		<0.0071		0.0071
1,3,5-Trimethylbenzene		<0.0071		0.0071
1,3-Dichlorobenzene		<0.0071	*	0.0071
1,3-Dichloropropane		<0.0071		0.0071
1,4-Dichlorobenzene		<0.0071		0.0071
2,2-Dichloropropane		<0.0071		0.0071
2-Chlorotoluene		<0.0071		0.0071
2-Hexanone		<0.036		0.036
4-Chlorotoluene		<0.0071		0.0071
Acetone		<0.036		0.036
Benzene		<0.0071		0.0071
Bromobenzene		<0.0071		0.0071
Bromochloromethane		<0.0071		0.0071
Bromodichloromethane		<0.0071		0.0071
Bromoform		<0.0071		0.0071
Bromomethane		<0.0071		0.0071
Carbon disulfide		<0.0071		0.0071
Carbon tetrachloride		<0.0071		0.0071
Chlorobenzene		<0.0071	*	0.0071
Chloroethane		<0.0071		0.0071
Chloroform		<0.0071		0.0071
Chloromethane		<0.0071		0.0071
cis-1,2-Dichloroethene		<0.0071		0.0071
cis-1,3-Dichloropropene		<0.0071		0.0071
Dibromochloromethane		<0.0071	*	0.0071
Dibromomethane		<0.0071		0.0071
Dichlorodifluoromethane		<0.0071		0.0071
Ethylbenzene		<0.0071		0.0071
Ethylene Dibromide		<0.0071	*	0.0071
Hexachlorobutadiene		<0.0071		0.0071
Iodomethane		<0.0071		0.0071
Isopropyl ether		<0.0071		0.0071

Analytical Data

Client: Partner Engineering and Science, Inc

Job Number: 400-78069-1

Client Sample ID: NM-1-4

Lab Sample ID: 400-78069-1

Date Sampled: 07/30/2013 0745

Client Matrix: Solid

% Moisture: 15.1

Date Received: 07/31/2013 0921

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	400-187359	Instrument ID:	Darwin
Prep Method:	5035	Prep Batch:	400-187370	Lab File ID:	D08021308.D
Dilution:	1.0			Initial Weight/Volume:	4.148 g
Analysis Date:	08/02/2013 1241			Final Weight/Volume:	5.00 g
Prep Date:	08/01/2013 1551				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
Isopropylbenzene		<0.0071		0.0071
Methyl Ethyl Ketone		<0.036		0.036
methyl isobutyl ketone		<0.036		0.036
Methyl tert-butyl ether		<0.0071		0.0071
Methylene Chloride		<0.021		0.021
Naphthalene		<0.0071	*	0.0071
n-Butylbenzene		<0.0071		0.0071
N-Propylbenzene		<0.0071		0.0071
p-Cymene		<0.0071		0.0071
sec-Butylbenzene		<0.0071		0.0071
Styrene		<0.0071		0.0071
tert-Butylbenzene		<0.0071		0.0071
Tetrachloroethene		<0.0071		0.0071
Toluene		<0.0071		0.0071
trans-1,2-Dichloroethene		<0.0071		0.0071
trans-1,3-Dichloropropene		<0.0071		0.0071
Trichloroethene		<0.0071		0.0071
Trichlorofluoromethane		<0.0071		0.0071
Vinyl acetate		<0.036		0.036
Vinyl chloride		<0.0071		0.0071
Xylenes, Total		<0.014		0.014
Surrogate		%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene		102		72 - 122
Dibromofluoromethane		93		79 - 123
Toluene-d8 (Surr)		98		80 - 120

Analytical Data

Client: Partner Engineering and Science, Inc

Job Number: 400-78069-1

Client Sample ID: NM-3-4

Lab Sample ID: 400-78069-2

Date Sampled: 07/30/2013 0935

Client Matrix: Solid

% Moisture: 14.0

Date Received: 07/31/2013 0921

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	400-187359	Instrument ID:	Darwin
Prep Method:	5035	Prep Batch:	400-187370	Lab File ID:	D08021309.D
Dilution:	1.0			Initial Weight/Volume:	4.614 g
Analysis Date:	08/02/2013 1312			Final Weight/Volume:	5.00 g
Prep Date:	08/01/2013 1551				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
1,1,1,2-Tetrachloroethane		<0.0063		0.0063
1,1,1-Trichloroethane		<0.0063		0.0063
1,1,2,2-Tetrachloroethane		<0.0063		0.0063
1,1,2-Trichloroethane		<0.0063		0.0063
1,1-Dichloroethane		<0.0063		0.0063
1,1-Dichloroethene		<0.0063		0.0063
1,1-Dichloropropene		<0.0063		0.0063
1,2,3-Trichlorobenzene		<0.0063		0.0063
1,2,3-Trichloropropane		<0.0063		0.0063
1,2,4-Trichlorobenzene		<0.0063		0.0063
1,2,4-Trimethylbenzene		<0.0063		0.0063
1,2-Dibromo-3-Chloropropane		<0.0063		0.0063
1,2-Dichlorobenzene		<0.0063	*	0.0063
1,2-Dichloroethane		<0.0063		0.0063
1,2-Dichloropropane		<0.0063		0.0063
1,3,5-Trimethylbenzene		<0.0063		0.0063
1,3-Dichlorobenzene		<0.0063	*	0.0063
1,3-Dichloropropane		<0.0063		0.0063
1,4-Dichlorobenzene		<0.0063		0.0063
2,2-Dichloropropane		<0.0063		0.0063
2-Chlorotoluene		<0.0063		0.0063
2-Hexanone		<0.031		0.031
4-Chlorotoluene		<0.0063		0.0063
Acetone		<0.031		0.031
Benzene		<0.0063		0.0063
Bromobenzene		<0.0063		0.0063
Bromochloromethane		<0.0063		0.0063
Bromodichloromethane		<0.0063		0.0063
Bromoform		<0.0063		0.0063
Bromomethane		<0.0063		0.0063
Carbon disulfide		<0.0063		0.0063
Carbon tetrachloride		<0.0063		0.0063
Chlorobenzene		<0.0063	*	0.0063
Chloroethane		<0.0063		0.0063
Chloroform		<0.0063		0.0063
Chloromethane		<0.0063		0.0063
cis-1,2-Dichloroethene		<0.0063		0.0063
cis-1,3-Dichloropropene		<0.0063		0.0063
Dibromochloromethane		<0.0063	*	0.0063
Dibromomethane		<0.0063		0.0063
Dichlorodifluoromethane		<0.0063		0.0063
Ethylbenzene		<0.0063		0.0063
Ethylene Dibromide		<0.0063	*	0.0063
Hexachlorobutadiene		<0.0063		0.0063
Iodomethane		<0.0063		0.0063
Isopropyl ether		<0.0063		0.0063

Analytical Data

Client: Partner Engineering and Science, Inc

Job Number: 400-78069-1

Client Sample ID: NM-3-4

Lab Sample ID: 400-78069-2

Date Sampled: 07/30/2013 0935

Client Matrix: Solid

% Moisture: 14.0

Date Received: 07/31/2013 0921

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	400-187359	Instrument ID:	Darwin
Prep Method:	5035	Prep Batch:	400-187370	Lab File ID:	D08021309.D
Dilution:	1.0			Initial Weight/Volume:	4.614 g
Analysis Date:	08/02/2013 1312			Final Weight/Volume:	5.00 g
Prep Date:	08/01/2013 1551				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL
Isopropylbenzene		<0.0063		0.0063
Methyl Ethyl Ketone		<0.031		0.031
methyl isobutyl ketone		<0.031		0.031
Methyl tert-butyl ether		<0.0063		0.0063
Methylene Chloride		<0.019		0.019
Naphthalene		<0.0063	*	0.0063
n-Butylbenzene		<0.0063		0.0063
N-Propylbenzene		<0.0063		0.0063
p-Cymene		<0.0063		0.0063
sec-Butylbenzene		<0.0063		0.0063
Styrene		<0.0063		0.0063
tert-Butylbenzene		<0.0063		0.0063
Tetrachloroethene		0.10		0.0063
Toluene		<0.0063		0.0063
trans-1,2-Dichloroethene		<0.0063		0.0063
trans-1,3-Dichloropropene		<0.0063		0.0063
Trichloroethene		<0.0063		0.0063
Trichlorofluoromethane		<0.0063		0.0063
Vinyl acetate		<0.031		0.031
Vinyl chloride		<0.0063		0.0063
Xylenes, Total		<0.013		0.013
Surrogate		%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene		103		72 - 122
Dibromofluoromethane		95		79 - 123
Toluene-d8 (Surr)		98		80 - 120

Analytical Data

Client: Partner Engineering and Science, Inc

Job Number: 400-78069-1

Client Sample ID: NM-4-2

Lab Sample ID: 400-78069-3

Date Sampled: 07/30/2013 1000

Client Matrix: Solid

% Moisture: 15.6

Date Received: 07/31/2013 0921

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	400-187359	Instrument ID:	Darwin
Prep Method:	5035	Prep Batch:	400-187370	Lab File ID:	D08021310.D
Dilution:	50			Initial Weight/Volume:	5.412 g
Analysis Date:	08/02/2013 1344			Final Weight/Volume:	5.00 g
Prep Date:	08/01/2013 1551				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane		<0.055		0.055	0.27
1,1,1-Trichloroethane		<0.060		0.060	0.27
1,1,2,2-Tetrachloroethane		<0.039		0.039	0.27
1,1,2-Trichloroethane		<0.050		0.050	0.27
1,1-Dichloroethane		<0.045		0.045	0.27
1,1-Dichloroethene		<0.041		0.041	0.27
1,1-Dichloropropene		<0.040		0.040	0.27
1,2,3-Trichlorobenzene		<0.066		0.066	0.27
1,2,3-Trichloropropane		<0.093		0.093	0.27
1,2,4-Trichlorobenzene		<0.040		0.040	0.27
1,2,4-Trimethylbenzene		<0.040		0.040	0.27
1,2-Dibromo-3-Chloropropane		<0.18		0.18	0.27
1,2-Dichlorobenzene		<0.039	*	0.039	0.27
1,2-Dichloroethane		<0.045		0.045	0.27
1,2-Dichloropropane		<0.040		0.040	0.27
1,3,5-Trimethylbenzene		<0.045		0.045	0.27
1,3-Dichlorobenzene		<0.052	*	0.052	0.27
1,3-Dichloropropane		<0.036		0.036	0.27
1,4-Dichlorobenzene		<0.045		0.045	0.27
2,2-Dichloropropane		<0.098		0.098	0.27
2-Chlorotoluene		<0.054		0.054	0.27
2-Hexanone		<0.27		0.27	1.4
4-Chlorotoluene		<0.054		0.054	0.27
Acetone		<0.40		0.40	1.4
Benzene		<0.027		0.027	0.27
Bromobenzene		<0.071		0.071	0.27
Bromochloromethane		<0.042		0.042	0.27
Bromodichloromethane		<0.046		0.046	0.27
Bromoform		<0.034		0.034	0.27
Bromomethane		<0.077		0.077	0.27
Carbon disulfide		<0.066		0.066	0.27
Carbon tetrachloride		<0.093		0.093	0.27
Chlorobenzene		<0.028	*	0.028	0.27
Chloroethane		<0.10		0.10	0.27
Chloroform		<0.032		0.032	0.27
Chloromethane		<0.055		0.055	0.27
cis-1,2-Dichloroethene		<0.042		0.042	0.27
cis-1,3-Dichloropropene		<0.066		0.066	0.27
Dibromochloromethane		<0.048	*	0.048	0.27
Dibromomethane		<0.045		0.045	0.27
Dichlorodifluoromethane		<0.071		0.071	0.27
Ethylbenzene		<0.033		0.033	0.27
Ethylene Dibromide		<0.026	*	0.026	0.27
Hexachlorobutadiene		<0.060		0.060	0.27
Iodomethane		<0.19		0.19	0.27
Isopropyl ether		<0.030		0.030	0.27

Analytical Data

Client: Partner Engineering and Science, Inc

Job Number: 400-78069-1

Client Sample ID: NM-4-2

Lab Sample ID: 400-78069-3

Date Sampled: 07/30/2013 1000

Client Matrix: Solid

% Moisture: 15.6

Date Received: 07/31/2013 0921

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	400-187359	Instrument ID:	Darwin
Prep Method:	5035	Prep Batch:	400-187370	Lab File ID:	D08021310.D
Dilution:	50			Initial Weight/Volume:	5.412 g
Analysis Date:	08/02/2013 1344			Final Weight/Volume:	5.00 g
Prep Date:	08/01/2013 1551				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Isopropylbenzene		<0.037		0.037	0.27
Methyl Ethyl Ketone		<0.22		0.22	1.4
methyl isobutyl ketone		<0.22		0.22	1.4
Methyl tert-butyl ether		<0.055		0.055	0.27
Methylene Chloride		<0.55		0.55	0.82
Naphthalene		<0.055	*	0.055	0.27
n-Butylbenzene		<0.053		0.053	0.27
N-Propylbenzene		<0.049		0.049	0.27
p-Cymene		<0.043		0.043	0.27
sec-Butylbenzene		<0.052		0.052	0.27
Styrene		<0.042		0.042	0.27
tert-Butylbenzene		<0.043		0.043	0.27
Tetrachloroethene		0.78		0.046	0.27
Toluene		<0.038		0.038	0.27
trans-1,2-Dichloroethene		<0.042		0.042	0.27
trans-1,3-Dichloropropene		<0.050		0.050	0.27
Trichloroethene		<0.026		0.026	0.27
Trichlorofluoromethane		<0.052		0.052	0.27
Vinyl acetate		<0.50		0.50	1.4
Vinyl chloride		<0.050		0.050	0.27
Xylenes, Total		<0.10		0.10	0.55

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	95		72 - 122
Dibromofluoromethane	88		79 - 123
Toluene-d8 (Surr)	98		80 - 120

Analytical Data

Client: Partner Engineering and Science, Inc

Job Number: 400-78069-1

Client Sample ID: NM-5-5

Lab Sample ID: 400-78069-4

Date Sampled: 07/30/2013 1045

Client Matrix: Solid

% Moisture: 23.6

Date Received: 07/31/2013 0921

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	400-187359	Instrument ID:	Darwin
Prep Method:	5035	Prep Batch:	400-187370	Lab File ID:	D08021311.D
Dilution:	250			Initial Weight/Volume:	5.212 g
Analysis Date:	08/02/2013 1416			Final Weight/Volume:	5.00 g
Prep Date:	08/01/2013 1551				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane		<0.31		0.31	1.6
1,1,1-Trichloroethane		<0.35		0.35	1.6
1,1,2,2-Tetrachloroethane		<0.23		0.23	1.6
1,1,2-Trichloroethane		<0.29		0.29	1.6
1,1-Dichloroethane		<0.26		0.26	1.6
1,1-Dichloroethene		<0.24		0.24	1.6
1,1-Dichloropropene		<0.23		0.23	1.6
1,2,3-Trichlorobenzene		<0.38		0.38	1.6
1,2,3-Trichloropropane		<0.53		0.53	1.6
1,2,4-Trichlorobenzene		<0.23		0.23	1.6
1,2,4-Trimethylbenzene		<0.23		0.23	1.6
1,2-Dibromo-3-Chloropropane		<1.0		1.0	1.6
1,2-Dichlorobenzene		<0.22	*	0.22	1.6
1,2-Dichloroethane		<0.26		0.26	1.6
1,2-Dichloropropane		<0.23		0.23	1.6
1,3,5-Trimethylbenzene		<0.26		0.26	1.6
1,3-Dichlorobenzene		<0.30	*	0.30	1.6
1,3-Dichloropropane		<0.20		0.20	1.6
1,4-Dichlorobenzene		<0.26		0.26	1.6
2,2-Dichloropropane		<0.56		0.56	1.6
2-Chlorotoluene		<0.31		0.31	1.6
2-Hexanone		<1.6		1.6	7.8
4-Chlorotoluene		<0.31		0.31	1.6
Acetone		<2.3		2.3	7.8
Benzene		<0.15		0.15	1.6
Bromobenzene		<0.41		0.41	1.6
Bromochloromethane		<0.24		0.24	1.6
Bromodichloromethane		<0.26		0.26	1.6
Bromoform		<0.20		0.20	1.6
Bromomethane		<0.44		0.44	1.6
Carbon disulfide		<0.38		0.38	1.6
Carbon tetrachloride		<0.53		0.53	1.6
Chlorobenzene		<0.16	*	0.16	1.6
Chloroethane		<0.60		0.60	1.6
Chloroform		<0.19		0.19	1.6
Chloromethane		<0.31		0.31	1.6
cis-1,2-Dichloroethene		<0.24		0.24	1.6
cis-1,3-Dichloropropene		<0.38		0.38	1.6
Dibromochloromethane		<0.27	*	0.27	1.6
Dibromomethane		<0.26		0.26	1.6
Dichlorodifluoromethane		<0.41		0.41	1.6
Ethylbenzene		<0.19		0.19	1.6
Ethylene Dibromide		<0.15	*	0.15	1.6
Hexachlorobutadiene		<0.35		0.35	1.6
Iodomethane		<1.1		1.1	1.6
Isopropyl ether		<0.17		0.17	1.6

Analytical Data

Client: Partner Engineering and Science, Inc

Job Number: 400-78069-1

Client Sample ID: NM-5-5

Lab Sample ID: 400-78069-4

Date Sampled: 07/30/2013 1045

Client Matrix: Solid

% Moisture: 23.6

Date Received: 07/31/2013 0921

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	400-187359	Instrument ID:	Darwin
Prep Method:	5035	Prep Batch:	400-187370	Lab File ID:	D08021311.D
Dilution:	250			Initial Weight/Volume:	5.212 g
Analysis Date:	08/02/2013 1416			Final Weight/Volume:	5.00 g
Prep Date:	08/01/2013 1551				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Isopropylbenzene		<0.21		0.21	1.6
Methyl Ethyl Ketone		<1.3		1.3	7.8
methyl isobutyl ketone		<1.3		1.3	7.8
Methyl tert-butyl ether		<0.31		0.31	1.6
Methylene Chloride		<3.1		3.1	4.7
Naphthalene		<0.31	*	0.31	1.6
n-Butylbenzene		<0.30		0.30	1.6
N-Propylbenzene		<0.28		0.28	1.6
p-Cymene		0.47	J	0.24	1.6
sec-Butylbenzene		<0.30		0.30	1.6
Styrene		<0.24		0.24	1.6
tert-Butylbenzene		<0.25		0.25	1.6
Tetrachloroethene		56		0.26	1.6
Toluene		<0.22		0.22	1.6
trans-1,2-Dichloroethene		<0.24		0.24	1.6
trans-1,3-Dichloropropene		<0.29		0.29	1.6
Trichloroethene		<0.15		0.15	1.6
Trichlorofluoromethane		<0.30		0.30	1.6
Vinyl acetate		<2.9		2.9	7.8
Vinyl chloride		<0.29		0.29	1.6
Xylenes, Total		<0.60		0.60	3.1

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	102		72 - 122
Dibromofluoromethane	89		79 - 123
Toluene-d8 (Surr)	93		80 - 120

Analytical Data

Client: Partner Engineering and Science, Inc

Job Number: 400-78069-1

General Chemistry

Client Sample ID: NM-1-4

Lab Sample ID: 400-78069-1

Client Matrix: Solid

Date Sampled: 07/30/2013 0745

Date Received: 07/31/2013 0921

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	15		%	0.10	1.0	Moisture
	Analysis Batch: 400-187483	Analysis Date: 08/02/2013 1349				DryWt Corrected: N

Analytical Data

Client: Partner Engineering and Science, Inc

Job Number: 400-78069-1

General Chemistry

Client Sample ID: NM-3-4

Lab Sample ID: 400-78069-2

Client Matrix: Solid

Date Sampled: 07/30/2013 0935

Date Received: 07/31/2013 0921

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	14		%	0.10	1.0	Moisture
	Analysis Batch: 400-187483		Analysis Date: 08/02/2013 1349			DryWt Corrected: N

Analytical Data

Client: Partner Engineering and Science, Inc

Job Number: 400-78069-1

General Chemistry

Client Sample ID: NM-4-2

Lab Sample ID: 400-78069-3

Client Matrix: Solid

Date Sampled: 07/30/2013 1000

Date Received: 07/31/2013 0921

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	16		%	0.10	1.0	Moisture
	Analysis Batch: 400-187483	Analysis Date: 08/02/2013	1349			DryWt Corrected: N

Analytical Data

Client: Partner Engineering and Science, Inc

Job Number: 400-78069-1

General Chemistry

Client Sample ID: NM-5-5

Lab Sample ID: 400-78069-4

Client Matrix: Solid

Date Sampled: 07/30/2013 1045

Date Received: 07/31/2013 0921

Analyte	Result	Qual	Units	RL	Dil	Method
Percent Moisture	24		%	0.10	1.0	Moisture
	Analysis Batch: 400-187483	Analysis Date: 08/02/2013	1349			DryWt Corrected: N

QUALITY CONTROL RESULTS

Quality Control Results

Client: Partner Engineering and Science, Inc

Job Number: 400-78069-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:400-187359					
LCS 400-187359/1000	Lab Control Sample	T	Solid	8260B	
LCSD 400-187359/11	Lab Control Sample Duplicate	T	Solid	8260B	
MB 400-187359/6	Method Blank	T	Solid	8260B	
400-78069-1	NM-1-4	T	Solid	8260B	400-187370
400-78069-2	NM-3-4	T	Solid	8260B	400-187370
400-78069-3	NM-4-2	T	Solid	8260B	400-187370
400-78069-4	NM-5-5	T	Solid	8260B	400-187370
Prep Batch: 400-187370					
400-78069-1	NM-1-4	T	Solid	5035	
400-78069-2	NM-3-4	T	Solid	5035	
400-78069-3	NM-4-2	T	Solid	5035	
400-78069-4	NM-5-5	T	Solid	5035	

Report Basis

T = Total

General Chemistry

Analysis Batch:400-187483					
400-78066-A-6 DU	Duplicate	T	Solid	Moisture	
400-78069-1	NM-1-4	T	Solid	Moisture	
400-78069-2	NM-3-4	T	Solid	Moisture	
400-78069-3	NM-4-2	T	Solid	Moisture	
400-78069-4	NM-5-5	T	Solid	Moisture	

Report Basis

T = Total

Quality Control Results

Client: Partner Engineering and Science, Inc

Job Number: 400-78069-1

Method Blank - Batch: 400-187359

**Method: 8260B
Preparation: N/A**

Lab Sample ID: MB 400-187359/6
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 08/02/2013 1209
 Prep Date: N/A
 Leach Date: N/A

Analysis Batch: 400-187359
 Prep Batch: N/A
 Leach Batch: N/A
 Units: mg/Kg

Instrument ID: Darwin
 Lab File ID: D08021307.D
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,1,1,2-Tetrachloroethane	<0.0010		0.0010	0.0050
1,1,1-Trichloroethane	<0.0011		0.0011	0.0050
1,1,2,2-Tetrachloroethane	<0.00072		0.00072	0.0050
1,1,2-Trichloroethane	<0.00092		0.00092	0.0050
1,1-Dichloroethane	<0.00083		0.00083	0.0050
1,1-Dichloroethene	<0.00075		0.00075	0.0050
1,1-Dichloropropene	<0.00073		0.00073	0.0050
1,2,3-Trichlorobenzene	<0.0012		0.0012	0.0050
1,2,3-Trichloropropane	<0.0017		0.0017	0.0050
1,2,4-Trichlorobenzene	<0.00073		0.00073	0.0050
1,2,4-Trimethylbenzene	<0.00073		0.00073	0.0050
1,2-Dibromo-3-Chloropropane	<0.0033		0.0033	0.0050
1,2-Dichlorobenzene	<0.00071		0.00071	0.0050
1,2-Dichloroethane	<0.00082		0.00082	0.0050
1,2-Dichloropropane	<0.00074		0.00074	0.0050
1,3,5-Trimethylbenzene	<0.00083		0.00083	0.0050
1,3-Dichlorobenzene	<0.00095		0.00095	0.0050
1,3-Dichloropropane	<0.00065		0.00065	0.0050
1,4-Dichlorobenzene	<0.00082		0.00082	0.0050
2,2-Dichloropropane	<0.0018		0.0018	0.0050
2-Chlorotoluene	<0.00098		0.00098	0.0050
2-Hexanone	<0.0050		0.0050	0.025
4-Chlorotoluene	<0.00098		0.00098	0.0050
Acetone	<0.0073		0.0073	0.025
Benzene	<0.00049		0.00049	0.0050
Bromobenzene	<0.0013		0.0013	0.0050
Bromochloromethane	<0.00076		0.00076	0.0050
Bromodichloromethane	<0.00084		0.00084	0.0050
Bromoform	<0.00063		0.00063	0.0050
Bromomethane	<0.0014		0.0014	0.0050
Carbon disulfide	<0.0012		0.0012	0.0050
Carbon tetrachloride	<0.0017		0.0017	0.0050
Chlorobenzene	<0.00052		0.00052	0.0050
Chloroethane	<0.0019		0.0019	0.0050
Chloroform	<0.00059		0.00059	0.0050
Chloromethane	<0.0010		0.0010	0.0050
cis-1,2-Dichloroethene	<0.00076		0.00076	0.0050
cis-1,3-Dichloropropene	<0.0012		0.0012	0.0050
Dibromochloromethane	<0.00087		0.00087	0.0050
Dibromomethane	<0.00083		0.00083	0.0050
Dichlorodifluoromethane	<0.0013		0.0013	0.0050
Ethylbenzene	<0.00061		0.00061	0.0050
Ethylene Dibromide	<0.00048		0.00048	0.0050
Hexachlorobutadiene	<0.0011		0.0011	0.0050
Iodomethane	<0.0034		0.0034	0.0050

Quality Control Results

Client: Partner Engineering and Science, Inc

Job Number: 400-78069-1

Method Blank - Batch: 400-187359

**Method: 8260B
Preparation: N/A**

Lab Sample ID: MB 400-187359/6
 Client Matrix: Solid
 Dilution: 1.0
 Analysis Date: 08/02/2013 1209
 Prep Date: N/A
 Leach Date: N/A

Analysis Batch: 400-187359
 Prep Batch: N/A
 Leach Batch: N/A
 Units: mg/Kg

Instrument ID: Darwin
 Lab File ID: D08021307.D
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Isopropyl ether	<0.00055		0.00055	0.0050
Isopropylbenzene	<0.00068		0.00068	0.0050
Methyl Ethyl Ketone	<0.0041		0.0041	0.025
methyl isobutyl ketone	<0.0040		0.0040	0.025
Methyl tert-butyl ether	<0.0010		0.0010	0.0050
Methylene Chloride	<0.010		0.010	0.015
Naphthalene	<0.0010		0.0010	0.0050
n-Butylbenzene	<0.00096		0.00096	0.0050
N-Propylbenzene	<0.00090		0.00090	0.0050
p-Cymene	<0.00078		0.00078	0.0050
sec-Butylbenzene	<0.00095		0.00095	0.0050
Styrene	<0.00076		0.00076	0.0050
tert-Butylbenzene	<0.00079		0.00079	0.0050
Tetrachloroethene	<0.00084		0.00084	0.0050
Toluene	<0.00070		0.00070	0.0050
trans-1,2-Dichloroethene	<0.00076		0.00076	0.0050
trans-1,3-Dichloropropene	<0.00092		0.00092	0.0050
Trichloroethene	<0.00048		0.00048	0.0050
Trichlorofluoromethane	<0.00095		0.00095	0.0050
Vinyl acetate	<0.0091		0.0091	0.025
Vinyl chloride	<0.00092		0.00092	0.0050
Xylenes, Total	<0.0019		0.0019	0.010

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	97	72 - 122
Dibromofluoromethane	94	79 - 123
Toluene-d8 (Surr)	97	80 - 120

Quality Control Results

Client: Partner Engineering and Science, Inc

Job Number: 400-78069-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 400-187359**

**Method: 8260B
Preparation: N/A**

LCS Lab Sample ID:	LCS 400-187359/1000	Analysis Batch:	400-187359	Instrument ID:	Darwin
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D08021305-LCS.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/02/2013 1106	Units:	mg/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 400-187359/11	Analysis Batch:	400-187359	Instrument ID:	Darwin
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D08021312.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/02/2013 1447	Units:	mg/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,1,1,2-Tetrachloroethane	77	83	76 - 124	8	30		
1,1,1-Trichloroethane	92	97	72 - 121	5	30		
1,1,2,2-Tetrachloroethane	72	75	67 - 120	4	30		
1,1,2-Trichloroethane	80	86	75 - 118	8	30		
1,1-Dichloroethane	98	103	61 - 128	5	30		
1,1-Dichloroethene	92	95	62 - 130	3	30		
1,1-Dichloropropene	103	112	72 - 122	8	30		
1,2,3-Trichlorobenzene	72	75	72 - 124	4	30		
1,2,3-Trichloropropane	75	77	61 - 123	2	30		
1,2,4-Trichlorobenzene	73	74	72 - 126	2	30		
1,2,4-Trimethylbenzene	80	84	74 - 121	5	30		
1,2-Dibromo-3-Chloropropane	65	64	57 - 123	0	30		
1,2-Dichlorobenzene	74	79	76 - 120	7	30	*	
1,2-Dichloroethane	93	98	70 - 125	5	30		
1,2-Dichloropropane	102	105	64 - 129	3	30		
1,3,5-Trimethylbenzene	80	84	75 - 122	5	30		
1,3-Dichlorobenzene	75	78	78 - 118	4	30	*	
1,3-Dichloropropane	81	86	75 - 117	7	30		
1,4-Dichlorobenzene	79	81	77 - 118	2	30		
2,2-Dichloropropane	96	98	66 - 127	1	30		
2-Chlorotoluene	76	80	72 - 119	5	30		
2-Hexanone	70	73	54 - 140	4	30		
4-Chlorotoluene	78	81	72 - 124	4	30		
Acetone	93	97	43 - 150	5	30		
Benzene	102	108	74 - 119	6	30		
Bromobenzene	76	79	76 - 121	4	30		
Bromochloromethane	93	101	78 - 119	7	30		
Bromodichloromethane	87	92	68 - 128	6	30		
Bromoform	62	65	54 - 125	5	30		
Bromomethane	102	103	25 - 150	1	30		
Carbon disulfide	79	84	26 - 150	6	30		
Carbon tetrachloride	91	95	70 - 128	4	30		
Chlorobenzene	76	83	80 - 116	8	30	*	
Chloroethane	112	116	22 - 150	3	30		
Chloroform	99	106	74 - 119	7	30		

Quality Control Results

Client: Partner Engineering and Science, Inc

Job Number: 400-78069-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 400-187359**

**Method: 8260B
Preparation: N/A**

LCS Lab Sample ID:	LCS 400-187359/1000	Analysis Batch:	400-187359	Instrument ID:	Darwin
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D08021305-LCS.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/02/2013 1106	Units:	mg/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 400-187359/11	Analysis Batch:	400-187359	Instrument ID:	Darwin
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D08021312.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/02/2013 1447	Units:	mg/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Chloromethane	81	84	36 - 147	4	30		
cis-1,2-Dichloroethene	104	108	68 - 126	4	30		
cis-1,3-Dichloropropene	83	87	68 - 125	4	30		
Dibromochloromethane	59	64	65 - 131	8	30	*	*
Dibromomethane	89	94	76 - 117	6	30		
Dichlorodifluoromethane	69	68	44 - 145	0	30		
Ethylbenzene	84	91	78 - 120	8	30		
Ethylene Dibromide	77	81	78 - 119	5	30	*	
Hexachlorobutadiene	81	82	61 - 140	2	30		
Iodomethane	73	76	42 - 150	5	30		
Isopropyl ether	94	97	46 - 144	4	30		
Isopropylbenzene	94	100	78 - 119	6	30		
Methyl Ethyl Ketone	99	103	62 - 126	3	30		
methyl isobutyl ketone	84	87	56 - 137	4	30		
Methyl tert-butyl ether	94	98	69 - 124	4	30		
Methylene Chloride	86	82	45 - 150	4	30		
Naphthalene	61	64	64 - 126	5	30	*	
n-Butylbenzene	81	84	62 - 136	4	30		
N-Propylbenzene	80	84	73 - 121	5	30		
p-Cymene	79	83	77 - 123	5	30		
sec-Butylbenzene	81	84	75 - 121	4	30		
Styrene	83	97	66 - 132	16	30		
tert-Butylbenzene	78	81	76 - 120	5	30		
Tetrachloroethene	82	95	74 - 126	15	30		
Toluene	86	91	76 - 120	5	30		
trans-1,2-Dichloroethene	93	97	65 - 130	4	30		
trans-1,3-Dichloropropene	70	74	65 - 126	5	30		
Trichloroethene	95	101	76 - 122	7	30		
Trichlorofluoromethane	93	91	65 - 132	2	30		
Vinyl acetate	107	108	46 - 145	1	30		
Vinyl chloride	82	87	52 - 134	6	30		
Xylenes, Total	85	92	70 - 120	8	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene	97	96	72 - 122
Dibromofluoromethane	96	101	79 - 123

Quality Control Results

Client: Partner Engineering and Science, Inc

Job Number: 400-78069-1

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	98	99	80 - 120

Quality Control Results

Client: Partner Engineering and Science, Inc

Job Number: 400-78069-1

Duplicate - Batch: 400-187483

**Method: Moisture
Preparation: N/A**

Lab Sample ID:	400-78066-A-6 DU	Analysis Batch:	400-187483	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	08/02/2013 1349	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	19	19	3	10	

DATA REPORTING QUALIFIERS

Client: Partner Engineering and Science, Inc

Job Number: 400-78069-1

Lab Section	Qualifier	Description
GC/MS VOA	*	LCS or LCSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

400-78069

SERIAL NUMBER: 63392

TestAmerica

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica Pensacola
3355 McLemore Drive
Pensacola, FL 32514

Phone: 850-474-1001
Fax: 850-478-2671
Website: www.testamericainc.com

THE LEADER IN ENVIRONMENTAL TESTING

CLIENT <i>Partners</i>	ADDRESS	QUOTE NO.	BOTTLE/ORDER NO.	ORDER LOG-IN NO. C
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PROJECT NAME <i>New Market Center</i>	PROJECT NO. <i>13-104504.40</i>	CLIENT PROJECT MANAGER <i>Alex Smith</i>	PROJECT LOC. (STATE) <i>Georgia</i>	REQUESTED ANALYSIS	PAGE <i>1</i>	OF <i>2</i>
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SAMPLED BY <i>COLIN LEITCH</i>	CONTRACT / P.O. NO.	PRESERVATIVE	MATRIX	 400-78069 COX	POSSIBLE HAZARD IDENTIFICATION
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CLIENT PHONE	CLIENT E-MAIL OR FAX	<input type="checkbox"/> No Preservative <input type="checkbox"/> HCL - Hydrochloric Acid <input type="checkbox"/> HNO3 - Nitric Acid <input type="checkbox"/> H2SO4 - Sulfuric Acid or H3PO4 <input type="checkbox"/> NaOH - Sodium Hydroxide <input type="checkbox"/> CH3OH - Methanol <input type="checkbox"/> NAHSO4 - Sodium Bisulfate <input type="checkbox"/> NA2S2O3 - Sodium Thiosulfate <input type="checkbox"/> Other:	<input type="checkbox"/> Drinking Water <input type="checkbox"/> Aqueous GW, SW, WW <input type="checkbox"/> Solid, Semisolid, Sediment <input type="checkbox"/> Air <input type="checkbox"/> NonAqueous (Oil, Solvent, etc.)	NOCS 8260	<input type="checkbox"/> Δ NON-HAZARD <input type="checkbox"/> Δ FLAMMABLE <input type="checkbox"/> Δ RADIOACTIVE <input type="checkbox"/> Δ POISON B <input type="checkbox"/> Δ UNKNOWN <input type="checkbox"/> Δ OTHER:
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TAT REQUESTED: RUSH NEEDS LAB PREAPPROVAL NORMAL - 10 BUSINESS DAYS
 1 DAY 2 DAYS 3 DAYS 5 DAYS 20 DAYS (Package) OTHER:
 SAMPLE DISPOSAL: RETURN TO CLIENT DISPOSAL BY LAB
 SEE CONTRACT OTHER:

SAMPLE		SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS SUBMITTED										SPECIAL INSTRUCTIONS/ CONDITIONS OF RECEIPT				
DATE	TIME		No Preservative	HCL - Hydrochloric Acid	HNO3 - Nitric Acid	H2SO4 - Sulfuric Acid or H3PO4	NaOH - Sodium Hydroxide	CH3OH - Methanol	NAHSO4 - Sodium Bisulfate	NA2S2O3 - Sodium Thiosulfate	Other:	Drinking Water		Aqueous GW, SW, WW	Solid, Semisolid, Sediment	Air	NonAqueous (Oil, Solvent, etc.)
7/30/13	745	NM-1-4						X	X				X			X	RUSH
7/30/13	935	NM-3-4						X	X				X			X	RUSH
7/30/13	1000	NM-4-2						X	X				X			X	RUSH
7/30/13	1045	NM-5-5						X	X				X			X	RUSH

RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE	TIME	RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE	TIME	RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE	TIME
RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE	TIME	RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE	TIME	RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE	TIME

RECEIVED FOR LABORATORY BY: <i>[Signature]</i>	DATE	TIME	CUSTODY INTACT? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	CUSTODY SEAL NO.	REMARKS <i>100 IR-5</i>
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LAB USE ONLY - SAMPLE NUMBER

Login Sample Receipt Checklist

Client: Partner Engineering and Science, Inc

Job Number: 400-78069-1

Login Number: 78069

List Source: TestAmerica Pensacola

List Number: 1

Creator: Crawford, Lauren E

Question	Answer	Comment
Radioactivity wasn't checked or is <= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.1°C IR-5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

Job Number: 400-78069-2

Job Description: New Market Center 13-104504.40

For:

Partner Engineering and Science, Inc
2701 N. Dallas Parkway
Suite 120
Plano, TX 75093
Attention: Alex Smith



Approved for release.
Marty P Edwards
Customer Service Manager
8/2/2013 5:09 PM

Marty P Edwards, Customer Service Manager
3355 McLemore Drive, Pensacola, FL, 32514
(850)474-1001
marty.edwards@testamericainc.com
08/02/2013

The test results in this report meet all NELAP requirements for accredited parameters, unless otherwise noted, and relate only to the referenced samples. Pursuant to NELAP, this report may not be reproduced, except in full, without written approval from the laboratory. For questions please contact the Project Manager at the e-mail address listed on this page, or the telephone number at the bottom of the page. TestAmerica Pensacola Certifications and Approvals: Alabama (40150), Arizona (AZ0710), Arkansas (88-0689), Florida (E81010), Illinois (200041), Iowa (367), Kansas (E-10253), Kentucky UST (53), Louisiana (30748), Maryland (233), Massachusetts (M-FL094), Michigan (9912), New Hampshire (250510), New Jersey (FL006), North Carolina (314), Oklahoma (9810), Pennsylvania (68-00467), Rhode Island (LAO00307), South Carolina (96026), Tennessee (TN02907), Texas (T104704286-10-2), Virginia (00008), Washington (C2043), West Virginia (136), USDA Foreign Soil Permit (P330-08-00006).

TestAmerica Laboratories, Inc.

TestAmerica Pensacola 3355 McLemore Drive, Pensacola, FL 32514
Tel (850) 474-1001 Fax (850) 478-2671 www.testamericainc.com



Job Narrative
400-78069-2

Comments

No additional comments.

Receipt

The samples were received on 7/31/2013 9:21 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.1° C.

GC/MS VOA

Method 8260B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 400-187262 recovered outside control limits for the following analytes: 2-Butanone, 1,3,5-Trimethylbenzene, Acetone, and Isopropylbenzene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No other analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: Partner Engineering and Science, Inc

Job Number: 400-78069-2

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
400-78069-5 Tetrachloroethene	NM-1W	1.2		1.0	ug/L	8260B

METHOD SUMMARY

Client: Partner Engineering and Science, Inc

Job Number: 400-78069-2

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL PEN	SW846 8260B	
Purge and Trap	TAL PEN		SW846 5030B

Lab References:

TAL PEN = TestAmerica Pensacola

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Partner Engineering and Science, Inc

Job Number: 400-78069-2

Method	Analyst	Analyst ID
SW846 8260B	Schellinger, Eron A	EAS

SAMPLE SUMMARY

Client: Partner Engineering and Science, Inc

Job Number: 400-78069-2

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
400-78069-5	NM-1W	Water	07/30/2013 0800	07/31/2013 0921
400-78069-6	NM-2W	Water	07/30/2013 0830	07/31/2013 0921

SAMPLE RESULTS

Analytical Data

Client: Partner Engineering and Science, Inc

Job Number: 400-78069-2

Client Sample ID: NM-1W

Lab Sample ID: 400-78069-5

Date Sampled: 07/30/2013 0800

Client Matrix: Water

Date Received: 07/31/2013 0921

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	400-187262	Instrument ID:	Tesla
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	T080120.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/01/2013 1654			Final Weight/Volume:	5 mL
Prep Date:	08/01/2013 1654				

Analyte	Result (ug/L)	Qualifier	RL
1,1,1,2-Tetrachloroethane	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,1,2-Trichloroethane	<5.0		5.0
1,1-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloropropene	<1.0		1.0
1,2,3-Trichlorobenzene	<1.0		1.0
1,2,3-Trichloropropane	<5.0		5.0
1,2,4-Trichlorobenzene	<1.0		1.0
1,2,4-Trimethylbenzene	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<5.0		5.0
1,2-Dichlorobenzene	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
1,3,5-Trimethylbenzene	<1.0	*	1.0
1,3-Dichlorobenzene	<1.0		1.0
1,3-Dichloropropane	<1.0		1.0
1,4-Dichlorobenzene	<1.0		1.0
2,2-Dichloropropane	<1.0		1.0
2-Chlorotoluene	<1.0		1.0
2-Hexanone	<25		25
4-Chlorotoluene	<1.0		1.0
Acetone	<25	*	25
Benzene	<1.0		1.0
Bromobenzene	<1.0		1.0
Bromochloromethane	<1.0		1.0
Bromodichloromethane	<1.0		1.0
Bromoform	<5.0		5.0
Bromomethane	<1.0		1.0
Carbon disulfide	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
cis-1,3-Dichloropropene	<5.0		5.0
Dibromochloromethane	<1.0		1.0
Dibromomethane	<5.0		5.0
Dichlorodifluoromethane	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Hexachlorobutadiene	<5.0		5.0
Iodomethane	<1.0		1.0
Isopropyl ether	<1.0		1.0

Analytical Data

Client: Partner Engineering and Science, Inc

Job Number: 400-78069-2

Client Sample ID: NM-1W

Lab Sample ID: 400-78069-5

Date Sampled: 07/30/2013 0800

Client Matrix: Water

Date Received: 07/31/2013 0921

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	400-187262	Instrument ID:	Tesla
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	T080120.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/01/2013 1654			Final Weight/Volume:	5 mL
Prep Date:	08/01/2013 1654				

Analyte	Result (ug/L)	Qualifier	RL
Isopropylbenzene	<1.0	*	1.0
Methyl Ethyl Ketone	<25	*	25
methyl isobutyl ketone	<25		25
Methyl tert-butyl ether	<1.0		1.0
Methylene Chloride	<5.0		5.0
Naphthalene	<1.0		1.0
n-Butylbenzene	<1.0		1.0
N-Propylbenzene	<1.0		1.0
p-Cymene	<1.0		1.0
sec-Butylbenzene	<1.0		1.0
Styrene	<1.0		1.0
tert-Butylbenzene	<1.0		1.0
Tetrachloroethene	1.2		1.0
Toluene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
trans-1,3-Dichloropropene	<5.0		5.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
Vinyl acetate	<25		25
Vinyl chloride	<1.0		1.0
Xylenes, Total	<10		10
Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	97		78 - 118
Dibromofluoromethane	100		81 - 121
Toluene-d8 (Surr)	96		80 - 120

Analytical Data

Client: Partner Engineering and Science, Inc

Job Number: 400-78069-2

Client Sample ID: NM-2W

Lab Sample ID: 400-78069-6

Date Sampled: 07/30/2013 0830

Client Matrix: Water

Date Received: 07/31/2013 0921

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	400-187262	Instrument ID:	Tesla
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	T080121.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/01/2013 1723			Final Weight/Volume:	5 mL
Prep Date:	08/01/2013 1723				

Analyte	Result (ug/L)	Qualifier	RL
1,1,1,2-Tetrachloroethane	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,1,2-Trichloroethane	<5.0		5.0
1,1-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloropropene	<1.0		1.0
1,2,3-Trichlorobenzene	<1.0		1.0
1,2,3-Trichloropropane	<5.0		5.0
1,2,4-Trichlorobenzene	<1.0		1.0
1,2,4-Trimethylbenzene	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<5.0		5.0
1,2-Dichlorobenzene	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
1,3,5-Trimethylbenzene	<1.0	*	1.0
1,3-Dichlorobenzene	<1.0		1.0
1,3-Dichloropropane	<1.0		1.0
1,4-Dichlorobenzene	<1.0		1.0
2,2-Dichloropropane	<1.0		1.0
2-Chlorotoluene	<1.0		1.0
2-Hexanone	<25		25
4-Chlorotoluene	<1.0		1.0
Acetone	<25	*	25
Benzene	<1.0		1.0
Bromobenzene	<1.0		1.0
Bromochloromethane	<1.0		1.0
Bromodichloromethane	<1.0		1.0
Bromoform	<5.0		5.0
Bromomethane	<1.0		1.0
Carbon disulfide	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
cis-1,3-Dichloropropene	<5.0		5.0
Dibromochloromethane	<1.0		1.0
Dibromomethane	<5.0		5.0
Dichlorodifluoromethane	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Hexachlorobutadiene	<5.0		5.0
Iodomethane	<1.0		1.0
Isopropyl ether	<1.0		1.0

Analytical Data

Client: Partner Engineering and Science, Inc

Job Number: 400-78069-2

Client Sample ID: NM-2W

Lab Sample ID: 400-78069-6

Date Sampled: 07/30/2013 0830

Client Matrix: Water

Date Received: 07/31/2013 0921

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	400-187262	Instrument ID:	Tesla
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	T080121.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	08/01/2013 1723			Final Weight/Volume:	5 mL
Prep Date:	08/01/2013 1723				

Analyte	Result (ug/L)	Qualifier	RL
Isopropylbenzene	<1.0	*	1.0
Methyl Ethyl Ketone	<25	*	25
methyl isobutyl ketone	<25		25
Methyl tert-butyl ether	<1.0		1.0
Methylene Chloride	<5.0		5.0
Naphthalene	<1.0		1.0
n-Butylbenzene	<1.0		1.0
N-Propylbenzene	<1.0		1.0
p-Cymene	<1.0		1.0
sec-Butylbenzene	<1.0		1.0
Styrene	<1.0		1.0
tert-Butylbenzene	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
trans-1,3-Dichloropropene	<5.0		5.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
Vinyl acetate	<25		25
Vinyl chloride	<1.0		1.0
Xylenes, Total	<10		10

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	96		78 - 118
Dibromofluoromethane	103		81 - 121
Toluene-d8 (Surr)	95		80 - 120

QUALITY CONTROL RESULTS

Quality Control Results

Client: Partner Engineering and Science, Inc

Job Number: 400-78069-2

QC Association Summary

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Report Basis</u>	<u>Client Matrix</u>	<u>Method</u>	<u>Prep Batch</u>
GC/MS VOA					
Analysis Batch:400-187262					
LCS 400-187262/1000	Lab Control Sample	T	Water	8260B	
MB 400-187262/4	Method Blank	T	Water	8260B	
400-78063-A-6 MS	Matrix Spike	T	Water	8260B	
400-78063-A-6 MSD	Matrix Spike Duplicate	T	Water	8260B	
400-78069-5	NM-1W	T	Water	8260B	
400-78069-6	NM-2W	T	Water	8260B	

Report Basis

T = Total

Quality Control Results

Client: Partner Engineering and Science, Inc

Job Number: 400-78069-2

Method Blank - Batch: 400-187262

**Method: 8260B
Preparation: 5030B**

Lab Sample ID: MB 400-187262/4
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 08/01/2013 1015
 Prep Date: 08/01/2013 1015
 Leach Date: N/A

Analysis Batch: 400-187262
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: Tesla
 Lab File ID: T080106.D
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
1,1,1,2-Tetrachloroethane	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
1,1,2-Trichloroethane	<5.0		5.0
1,1-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
1,1-Dichloropropene	<1.0		1.0
1,2,3-Trichlorobenzene	<1.0		1.0
1,2,3-Trichloropropane	<5.0		5.0
1,2,4-Trichlorobenzene	<1.0		1.0
1,2,4-Trimethylbenzene	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<5.0		5.0
1,2-Dichlorobenzene	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
1,3,5-Trimethylbenzene	<1.0		1.0
1,3-Dichlorobenzene	<1.0		1.0
1,3-Dichloropropane	<1.0		1.0
1,4-Dichlorobenzene	<1.0		1.0
2,2-Dichloropropane	<1.0		1.0
2-Chlorotoluene	<1.0		1.0
2-Hexanone	<25		25
4-Chlorotoluene	<1.0		1.0
Acetone	<25		25
Benzene	<1.0		1.0
Bromobenzene	<1.0		1.0
Bromochloromethane	<1.0		1.0
Bromodichloromethane	<1.0		1.0
Bromoform	<5.0		5.0
Bromomethane	<1.0		1.0
Carbon disulfide	<1.0		1.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
cis-1,3-Dichloropropene	<5.0		5.0
Dibromochloromethane	<1.0		1.0
Dibromomethane	<5.0		5.0
Dichlorodifluoromethane	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Hexachlorobutadiene	<5.0		5.0
Iodomethane	<1.0		1.0

Quality Control Results

Client: Partner Engineering and Science, Inc

Job Number: 400-78069-2

Method Blank - Batch: 400-187262

**Method: 8260B
Preparation: 5030B**

Lab Sample ID: MB 400-187262/4
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 08/01/2013 1015
 Prep Date: 08/01/2013 1015
 Leach Date: N/A

Analysis Batch: 400-187262
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: Tesla
 Lab File ID: T080106.D
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Isopropyl ether	<1.0		1.0
Isopropylbenzene	<1.0		1.0
Methyl Ethyl Ketone	<25		25
methyl isobutyl ketone	<25		25
Methyl tert-butyl ether	<1.0		1.0
Methylene Chloride	<5.0		5.0
Naphthalene	<1.0		1.0
n-Butylbenzene	<1.0		1.0
N-Propylbenzene	<1.0		1.0
p-Cymene	<1.0		1.0
sec-Butylbenzene	<1.0		1.0
Styrene	<1.0		1.0
tert-Butylbenzene	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
trans-1,3-Dichloropropene	<5.0		5.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
Vinyl acetate	<25		25
Vinyl chloride	<1.0		1.0
Xylenes, Total	<10		10

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	96	78 - 118
Dibromofluoromethane	100	81 - 121
Toluene-d8 (Surr)	97	80 - 120

Quality Control Results

Client: Partner Engineering and Science, Inc

Job Number: 400-78069-2

Lab Control Sample - Batch: 400-187262

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 400-187262/1000	Analysis Batch: 400-187262	Instrument ID: Tesla
Client Matrix: Water	Prep Batch: N/A	Lab File ID: T080104-LCS.d
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 5 mL
Analysis Date: 08/01/2013 0917	Units: ug/L	Final Weight/Volume: 5 mL
Prep Date: 08/01/2013 0917		
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1,2-Tetrachloroethane	50.0	57.5	115	66 - 126	
1,1,1-Trichloroethane	50.0	54.8	110	66 - 130	
1,1,2,2-Tetrachloroethane	50.0	55.2	110	68 - 132	
1,1,2-Trichloroethane	50.0	56.4	113	81 - 117	
1,1-Dichloroethane	50.0	57.0	114	75 - 126	
1,1-Dichloroethene	50.0	54.5	109	50 - 134	
1,1-Dichloropropene	50.0	56.9	114	74 - 121	
1,2,3-Trichlorobenzene	50.0	53.7	107	62 - 130	
1,2,3-Trichloropropane	50.0	52.0	104	72 - 125	
1,2,4-Trichlorobenzene	50.0	54.8	110	69 - 128	
1,2,4-Trimethylbenzene	50.0	59.0	118	77 - 127	
1,2-Dibromo-3-Chloropropane	50.0	43.9	88	52 - 124	
1,2-Dichlorobenzene	50.0	55.3	111	80 - 121	
1,2-Dichloroethane	50.0	51.5	103	69 - 128	
1,2-Dichloropropane	50.0	56.7	113	77 - 126	
1,3,5-Trimethylbenzene	50.0	60.2	120	82 - 119	*
1,3-Dichlorobenzene	50.0	57.3	115	77 - 124	
1,3-Dichloropropane	50.0	53.4	107	77 - 120	
1,4-Dichlorobenzene	50.0	56.0	112	79 - 119	
2,2-Dichloropropane	50.0	55.2	110	52 - 135	
2-Chlorotoluene	50.0	57.7	115	75 - 126	
2-Hexanone	200	259	129	60 - 150	
4-Chlorotoluene	50.0	57.7	115	81 - 125	
Acetone	200	396	198	24 - 150	*
Benzene	50.0	58.1	116	79 - 120	
Bromobenzene	50.0	54.9	110	80 - 121	
Bromochloromethane	50.0	56.6	113	82 - 114	
Bromodichloromethane	50.0	56.0	112	75 - 127	
Bromoform	50.0	51.5	103	65 - 121	
Bromomethane	50.0	57.7	115	10 - 150	
Carbon disulfide	50.0	52.5	105	41 - 140	
Carbon tetrachloride	50.0	56.1	112	46 - 141	
Chlorobenzene	50.0	57.0	114	85 - 120	
Chloroethane	50.0	46.2	92	37 - 150	
Chloroform	50.0	56.2	112	73 - 122	
Chloromethane	50.0	37.7	75	49 - 141	
cis-1,2-Dichloroethene	50.0	57.2	114	78 - 122	
cis-1,3-Dichloropropene	50.0	56.9	114	70 - 122	
Dibromochloromethane	50.0	54.8	110	63 - 125	
Dibromomethane	50.0	54.4	109	78 - 117	
Dichlorodifluoromethane	50.0	23.9	48	27 - 144	

Quality Control Results

Client: Partner Engineering and Science, Inc

Job Number: 400-78069-2

Lab Control Sample - Batch: 400-187262

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 400-187262/1000	Analysis Batch: 400-187262	Instrument ID: Tesla
Client Matrix: Water	Prep Batch: N/A	Lab File ID: T080104-LCS.d
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 5 mL
Analysis Date: 08/01/2013 0917	Units: ug/L	Final Weight/Volume: 5 mL
Prep Date: 08/01/2013 0917		
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Ethylbenzene	50.0	58.2	116	82 - 120	
Ethylene Dibromide	50.0	52.6	105	82 - 119	
Hexachlorobutadiene	50.0	59.2	118	35 - 150	
Iodomethane	50.0	53.2	106	58 - 141	
Isopropyl ether	50.0	55.7	111	69 - 143	
Isopropylbenzene	50.0	59.8	120	76 - 118	*
Methyl Ethyl Ketone	200	277	139	62 - 137	*
methyl isobutyl ketone	200	221	111	63 - 150	
Methyl tert-butyl ether	50.0	49.3	99	70 - 124	
Methylene Chloride	50.0	61.9	124	70 - 130	
Naphthalene	50.0	37.6	75	45 - 131	
n-Butylbenzene	50.0	53.0	106	76 - 138	
N-Propylbenzene	50.0	61.1	122	75 - 128	
p-Cymene	50.0	52.7	105	78 - 120	
sec-Butylbenzene	50.0	60.6	121	78 - 128	
Styrene	50.0	59.5	119	79 - 124	
tert-Butylbenzene	50.0	57.6	115	82 - 120	
Tetrachloroethene	50.0	55.2	110	76 - 124	
Toluene	50.0	55.8	112	81 - 120	
trans-1,2-Dichloroethene	50.0	57.1	114	70 - 126	
trans-1,3-Dichloropropene	50.0	53.0	106	64 - 120	
Trichloroethene	50.0	56.9	114	77 - 119	
Trichlorofluoromethane	50.0	40.3	81	26 - 150	
Vinyl acetate	100	95.0	95	54 - 140	
Vinyl chloride	50.0	41.6	83	60 - 128	
Xylenes, Total	100	115	115	70 - 130	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	97	78 - 118
Dibromofluoromethane	100	81 - 121
Toluene-d8 (Surr)	100	80 - 120

Quality Control Results

Client: Partner Engineering and Science, Inc

Job Number: 400-78069-2

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 400-187262**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 400-78063-A-6 MS	Analysis Batch: 400-187262	Instrument ID: Tesla
Client Matrix: Water	Prep Batch: N/A	Lab File ID: T080112.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 5 mL
Analysis Date: 08/01/2013 1306		Final Weight/Volume: 5 mL
Prep Date: 08/01/2013 1306		
Leach Date: N/A		

MSD Lab Sample ID: 400-78063-A-6 MSD	Analysis Batch: 400-187262	Instrument ID: Tesla
Client Matrix: Water	Prep Batch: N/A	Lab File ID: T080113.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 5 mL
Analysis Date: 08/01/2013 1334		Final Weight/Volume: 5 mL
Prep Date: 08/01/2013 1334		
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,1,1,2-Tetrachloroethane	102	92	42 - 135	10	23		
1,1,1-Trichloroethane	99	94	60 - 131	5	20		
1,1,2,2-Tetrachloroethane	97	93	52 - 148	4	20		
1,1,2-Trichloroethane	98	94	68 - 127	4	19		
1,1-Dichloroethane	105	99	10 - 150	7	18		
1,1-Dichloroethene	99	94	10 - 150	5	19		
1,1-Dichloropropene	105	97	59 - 126	8	22		
1,2,3-Trichlorobenzene	98	84	30 - 137	15	44		
1,2,3-Trichloropropane	90	88	67 - 130	1	22		
1,2,4-Trichlorobenzene	101	82	20 - 139	20	44		
1,2,4-Trimethylbenzene	110	92	10 - 150	18	54		
1,2-Dibromo-3-Chloropropane	73	74	50 - 133	1	30		
1,2-Dichlorobenzene	98	87	10 - 150	12	38		
1,2-Dichloroethane	89	86	10 - 150	4	19		
1,2-Dichloropropane	104	98	65 - 132	5	18		
1,3,5-Trimethylbenzene	108	92	10 - 150	16	53		
1,3-Dichlorobenzene	103	89	25 - 136	15	44		
1,3-Dichloropropane	94	90	67 - 127	4	20		
1,4-Dichlorobenzene	100	87	10 - 150	14	45		
2,2-Dichloropropane	100	95	46 - 132	5	20		
2-Chlorotoluene	106	89	10 - 150	17	47		
2-Hexanone	90	89	24 - 150	2	24		
4-Chlorotoluene	104	89	17 - 145	15	51		
Acetone	87	84	10 - 150	4	22		
Benzene	107	100	10 - 150	7	19		
Bromobenzene	100	89	38 - 135	12	35		
Bromochloromethane	100	94	75 - 120	7	17		
Bromodichloromethane	99	92	61 - 133	7	19		
Bromoform	86	81	54 - 125	6	19		
Bromomethane	109	108	10 - 150	0	24		
Carbon disulfide	94	87	10 - 150	7	23		
Carbon tetrachloride	101	93	40 - 138	9	21		

Quality Control Results

Client: Partner Engineering and Science, Inc

Job Number: 400-78069-2

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 400-187262**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 400-78063-A-6 MS	Analysis Batch: 400-187262	Instrument ID: Tesla
Client Matrix: Water	Prep Batch: N/A	Lab File ID: T080112.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 5 mL
Analysis Date: 08/01/2013 1306		Final Weight/Volume: 5 mL
Prep Date: 08/01/2013 1306		
Leach Date: N/A		

MSD Lab Sample ID: 400-78063-A-6 MSD	Analysis Batch: 400-187262	Instrument ID: Tesla
Client Matrix: Water	Prep Batch: N/A	Lab File ID: T080113.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 5 mL
Analysis Date: 08/01/2013 1334		Final Weight/Volume: 5 mL
Prep Date: 08/01/2013 1334		
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Chlorobenzene	101	92	10 - 150	9	30		
Chloroethane	92	88	38 - 150	4	23		
Chloroform	103	97	10 - 150	6	18		
Chloromethane	75	72	26 - 150	5	23		
cis-1,2-Dichloroethene	104	97	10 - 150	7	20		
cis-1,3-Dichloropropene	101	93	52 - 130	8	20		
Dibromochloromethane	94	86	50 - 130	10	21		
Dibromomethane	95	89	69 - 123	7	18		
Dichlorodifluoromethane	49	47	10 - 150	4	23		
Ethylbenzene	107	95	10 - 150	12	40		
Ethylene Dibromide	90	88	70 - 125	2	21		
Hexachlorobutadiene	104	84	10 - 150	22	92		
Iodomethane	97	91	37 - 145	6	36		
Isopropyl ether	102	98	10 - 150	3	24		
Isopropylbenzene	108	95	10 - 150	13	46		
Methyl Ethyl Ketone	90	89	10 - 150	1	21		
methyl isobutyl ketone	94	91	20 - 150	4	20		
Methyl tert-butyl ether	88	85	10 - 150	4	18		
Methylene Chloride	121	119	10 - 150	1	18		
Naphthalene	76	71	10 - 150	7	53		
n-Butylbenzene	100	79	10 - 150	24	76		
N-Propylbenzene	112	95	10 - 150	16	57		
p-Cymene	98	80	10 - 150	20	62		
sec-Butylbenzene	111	94	10 - 150	17	64		
Styrene	107	95	24 - 147	12	40		
tert-Butylbenzene	107	92	10 - 150	15	54		
Tetrachloroethene	97	88	10 - 150	9	35		
Toluene	102	94	10 - 150	8	26		
trans-1,2-Dichloroethene	103	97	66 - 126	6	19		
trans-1,3-Dichloropropene	93	90	45 - 128	4	20		
Trichloroethene	103	94	10 - 150	9	22		
Trichlorofluoromethane	83	77	29 - 144	7	20		

Quality Control Results

Client: Partner Engineering and Science, Inc

Job Number: 400-78069-2

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 400-187262**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID:	400-78063-A-6 MS	Analysis Batch:	400-187262	Instrument ID:	Tesla
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	T080112.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/01/2013 1306			Final Weight/Volume:	5 mL
Prep Date:	08/01/2013 1306				
Leach Date:	N/A				

MSD Lab Sample ID:	400-78063-A-6 MSD	Analysis Batch:	400-187262	Instrument ID:	Tesla
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	T080113.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	08/01/2013 1334			Final Weight/Volume:	5 mL
Prep Date:	08/01/2013 1334				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Vinyl acetate	91	90	10 - 150	2	44		
Vinyl chloride	85	80	46 - 136	6	20		
Xylenes, Total	103	92	10 - 150	11	41		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
4-Bromofluorobenzene		99	101			78 - 118	
Dibromofluoromethane		99	99			81 - 121	
Toluene-d8 (Surr)		100	101			80 - 120	

DATA REPORTING QUALIFIERS

Client: Partner Engineering and Science, Inc

Job Number: 400-78069-2

Lab Section	Qualifier	Description
GC/MS VOA	*	LCS or LCSD exceeds the control limits

400-78069

SERIAL NUMBER: 63387

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica Pensacola
3355 McLemore Drive
Pensacola, FL 32514

Phone: 850-474-1001
Fax: 850-478-2671
Website: www.testamericainc.com

QUOTE NO.	BOTTLE ORDER NO.	ORDER LOG IN NO.
		C

CLIENT <i>Parkway</i>	ADDRESS	REQUESTED ANALYSIS	PAGE 2	OF 2
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PROJECT NAME <i>New Market Center</i>	PROJECT NO. <i>13-102504.40</i>	CLIENT PROJECT MANAGER <i>Alex Smith</i>	PROJECT LOC. (STATE) <i>Georgia</i>	POSSIBLE HAZARD IDENTIFICATION
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SAMPLED BY <i>COLIN LEITCH</i>	CONTRACT / P.O. NO.	PRESERVATIVE	MATRIX	Δ NON-HAZARD Δ FLAMMABLE Δ RADIOACTIVE Δ POISON B Δ UNKNOWN Δ OTHER: NO. OF COOLERS PER SHIPMENT: SPECIAL INSTRUCTIONS/ CONDITIONS OF RECEIPT
-----------------------------------	---------------------	--------------	--------	--

CLIENT PHONE	CLIENT E-MAIL OR FAX	No Preservative HCL - Hydrochloric Acid HNO3 - Nitric Acid H2SO4 - Sulfuric Acid or H3PO4 NaOH - Sodium Hydroxide CH3OH - Methanol MAHSO4 - Sodium Bisulfate NA2S2O3 - Sodium Thiosulfate Other:	Drinking Water Aqueous GW, SW, WW Solid, Semisolid, Sediment Air NonAqueous (Oil, Solvent, etc.)	VOCs 8260
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TAT REQUESTED: RUSH NEEDS LAB PREAPPROVAL NORMAL - 10 BUSINESS DAYS
 1 DAY 2 DAYS 3 DAYS 5 DAYS 20 DAYS (Package) OTHER:

SAMPLE DISPOSAL: RETURN TO CLIENT DISPOSAL BY LAB
 SEE CONTRACT OTHER:

SAMPLE		SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS SUBMITTED											SPECIAL INSTRUCTIONS/ CONDITIONS OF RECEIPT			
DATE	TIME		No Preservative	HCL - Hydrochloric Acid	HNO3 - Nitric Acid	H2SO4 - Sulfuric Acid or H3PO4	NaOH - Sodium Hydroxide	CH3OH - Methanol	MAHSO4 - Sodium Bisulfate	NA2S2O3 - Sodium Thiosulfate	Other:	Drinking Water	Aqueous GW, SW, WW		Solid, Semisolid, Sediment	Air	NonAqueous (Oil, Solvent, etc.)
7/30/13	800	NM-1W	X									X					RUSH
7/30/13	830	NM-2W	X									X					RUSH

RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE	TIME	RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE	TIME	RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE	TIME
EMPTY CONTAINERS				7/30/13			7/30/13	1657
RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE	TIME	RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE	TIME	RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE	TIME
EMPTY CONTAINERS				7/30/13	1634			

RECEIVED FOR LABORATORY BY: <i>[Signature]</i>	DATE	TIME	CUSTODY INTACT? YES <input type="checkbox"/> NO <input type="checkbox"/>	CUSTODY SEAL NO.	REMARKS: <i>11°C IR-5</i>
	7/31/13	0921			

LAB USE ONLY - SAMPLE NUMBER

Login Sample Receipt Checklist

Client: Partner Engineering and Science, Inc

Job Number: 400-78069-2

Login Number: 78069

List Source: TestAmerica Pensacola

List Number: 1

Creator: Crawford, Lauren E

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.1°C IR-5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX H

**OCTOBER 2013 SUPPLEMENTAL RELEASE
NOTIFICATION (PARTNER)**

October 22, 2013

Georgia Environmental Protection Division
Hazardous Site Response Program
Floyd Tower East, Suite 1462
2 Martin Luther King, Jr. Drive, S.E.
Atlanta, Georgia 30334

Subject: Supplemental Release Notification
TLC Cleaners
2060 Lower Roswell Road, Suite 100
Marietta, Georgia 30068
Partner Project No. 13-110369.1

Dear Mr. Sir/Madam,

Partner Engineering and Science, Inc., on behalf of IPTV-B-C14, LLC as the owner of the above-referenced property submits the attached Release Notification materials for the above referenced property. As discussed in the Site Summary, this notification is supplemental to a prior HSRA notification made for the same dry cleaning tenant space in 1999, which notification resulted in issuance of a non-listing letter by the Georgia Environmental Protection Division. Although it is possible that the detections identified in this supplemental notification arise from the same release that was the subject of the 1999 notification, in an abundance of caution we are submitting this supplemental notification. If you have any questions regarding this submittal or its attachments, please contact the undersigned at (704) 893-8761.

Sincerely,



Kristine M. MacWilliams, PE
Technical Director, Subsurface Investigation

Attachments: Site Summary
HSRA Release Notification/Reporting Form
Topographic Map, Site Figure and Tax Map
Water Well Survey Summary
Laboratory Data Summary Tables

TCL CLEANERS - 2060 LOWER ROSWELL RD, SUITE 100, MARIETTA, COBB, COUNTY, GEORGIA 30068

The subject property is a multi-tenant shopping center located on the south side of Lower Roswell Road, within a mixed commercial and residential area of Marietta, Cobb County, Georgia. The site is currently occupied for commercial use by TLC Cleaners, Art & Food, Three Colors Asian Kitchen, Marietta and Vineyard Church. On-site operations consist of dry cleaning, food preparation and religious services. In addition to the current structure, the subject property is also improved with asphalt-paved parking areas and associated landscaping.

According to available historical sources reviewed as part of a Phase I Environmental Site Assessment (Phase I) completed by Partner Engineering and Science, Inc. ("Partner") in June 2013, the subject property was formerly undeveloped and in agricultural production from as early as 1938 and up until 1972. The site was subsequently redeveloped with the current structure in 1973. Partner's Phase I report identified a Recognized Environmental Condition (REC) in association with the presence of a dry cleaning tenant identified as TLC Cleaners located within Suite 100. According to the interviews and historical documentation, the subject property has been occupied by a dry cleaning business from as early as 1989 to present day. According to the manager at TLC Cleaners, on-site dry cleaning operations use chlorinated solvents, such as perchloroethylene (tetrachloroethene or PCE). During the on-site reconnaissance inside Suite 100 (TLC Cleaners), Partner observed several 30- and 55-gallon steel drums of new and spent PCE stored without secondary containment, as well as one closed loop dry cleaning machine. No floor drains were noted in the general vicinity of the machine or stored chemicals. Additionally, a previous subsurface investigation performed at the subject property in 1999 revealed low concentrations of soil and groundwater impacts associated with the on-site dry cleaning facility. The Georgia Environmental Protection Division (GEPD) determined that the release did not exceed a reportable quantity (reporting address was different than TLC Cleaners), and the site was not placed on the Hazardous Site Inventory (HSI) at that time.

Partner completed a Phase II Subsurface Investigation at the subject property (dated August 2013) to further investigate the potential impacts to the soil and groundwater beneath the site from the historical operations at the on-site dry cleaning facility indicated above. This investigation consisted of the collection of four soil samples and two groundwater samples. Results from this assessment identified the volatile organic compounds (VOCs) p-cymene and PCE in one or more of the soil samples collected, as well as PCE in one of the two groundwater samples collected. The concentrations of PCE present in the soil samples exceeded the Hazardous Sites Response Act (HSRA) *Notification Concentration*. Additionally, although the concentration PCE identified in the groundwater sample did not exceed the MCL, its presence at any concentration triggers HSRA notification. It is possible that these recent detections arise from the same release that was the subject of the 1999 sampling, HSRA notification, and GAEPD non-listing determination.

Additional information is provided in the site figures and tables included as attachments.

RELEASE NOTIFICATION/REPORTING FORM



Mail to: GEORGIA ENVIRONMENTAL PROTECTION DIVISION
 Hazardous Sites Response Program
 Suite 1462, Floyd Tower East
 2 Martin Luther King Jr. Drive, SE
 Atlanta, Georgia 30334-9000

1. The information provided in this form is for:
 Initial Release Notification
 Supplemental Notification

PART I -- PROPERTY INFORMATION

(Please type or print legibly)

2	EPA ID NUMBER (if applicable)				
3	Tax Map and Parcel ID Number:	16124400330	Acreage	4.805	
4	Site or Facility Name	TLC Cleaners			
5	Site Street Address	2060 Lower Roswell Road, Suite 100			
6	Site City	Marietta	County	Cobb	Zip 30068
7	Property Owner	IPTV-B-C14, LLC			
8	Property Owner Mailing Address	8401 North Central Expressway, Suite 910			
9	Property Owner City	Dallas	State	TX	Zip 75225
10	Property Owner Telephone No.	972-861-1025			
11	Site Contact Person	Dewayne Bailey	Title		
12	Site Contact Company Name	Iron Point Titan Asset Management, LLC			
13	Site Contact Mailing Address	8401 North Central Expressway, Suite 910			
14	Site Contact City	Dallas	State	Texas	Zip 75225
15	Site Contact Telephone No.	972- 861-1025			
16	Facility Operator Contact Person		Title		
17	Facility Operator Company Name	TLC Cleaners			
18	Facility Operator Mailing Address	2060 Lower Roswell Road, Suite 100			
19	Facility Operator City	Marietta	State	Georgia	Zip 30063
20	Facility Operator Telephone No.				

21. CERTIFICATION --I certify under penalty of law that I am the owner of the real property described in this Release Notification and I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Dewayne Bailey
 NAME (Please type or print)

Vice President
 TITLE

Dec B-1
 SIGNATURE

10-22-13
 DATE

PART II -- RELEASE INFORMATION

Page 1 of 4

Please provide the following information for EACH release at the site. If additional space is needed to answer any of the following questions, attach additional pages, as necessary.

1. Source of this release (i.e., drums, tanks, spills, wastepile etc.). Provide specific information on the suspected or known source of the release, including the source of this information:

On-site drycleaning operations from 1989 to present day.

2. Release date(s) and any known information about the history of the release, including the physical state of the material (solid, powder/ash, liquid/gas, sludge) and the quantity of material released (lbs, cubic yards, etc.):

The release dates are unknown, drycleaning operations from 1989 to present day.

3. Describe those actions that have been taken to investigate, cleanup or otherwise remediate this release (e.g., removal of source of contamination; soil or water sampling performed; and monitoring wells installed and sampled).

A Phase II Subsurface Investigation was performed at the subject property to provisionally investigate the potential impacts to the soil and groundwater beneath the site from a dry cleaner that operated on the subject property from 1989 to present. The limited investigation of this property included the collection of four soil samples and two groundwater samples. Results from this limited assessment identified the VOCs p-cymene and tetrachloroethene in one or more of the soil samples collected as well as the VOC tetrachloroethene in one of the two groundwater samples collected. The concentrations of tetrachloroethene present in two of the collected samples exceeded the HSRA Soil Trigger Level. Although the concentration tetrachloroethene identified in the groundwater sample collected from boring NM-1 (NM-1W) did not exceed its MCL, its presence at any concentration nevertheless is subject to notification under HRSA.

4. Access to the area affected by the release. Check the appropriate box:

- Inaccessible: A 24-hour surveillance system, or a completely closed barrier or fence to prevent entry.
- Limited Access: Less than 24-hour surveillance system, and/or a barrier or fence that is partially open.
- Unlimited Access: No surveillance, and no barrier or fence.

If the site is inaccessible or has limited access, then describe site surveillance systems, fences, security personnel or other barriers that would restrict access to the release.

i.e. Soil impacts inside the dry cleaner building and groundwater impacts are located beneath the asphalt surface.

5. For soil releases, indicate the type of material covering this release, by checking the appropriate box below.

- A permanent or otherwise maintained, essentially impenetrable non-earthen material such as concrete or asphalt
- An engineered and maintained earthen material or compacted fill or a high density synthetic material
- Loose earthen fill or native soil
- No cover
- Other

Describe the type and thickness of the material covering the contaminated soil or wastes.

Asphalt parking lot approximately 3 to 4 inches thick. The concrete slab in Suite 100 is > 4 inches thick.

PART II -- RELEASE INFORMATION

(Continued)

Page 2 of 4

6. Indicate the approximate distance from the edge of the area affected by the release to the nearest residence, playground, day care, school or nursing home.

- Less than 300 feet 1001 to 3000 feet Greater than 1 mile
 301 to 1000 feet 3001 to 5280 feet

Provide the name and address of the nearest residence, playground, day care, school or nursing home.

Name: GONZALEZ ESTEBAN N & GONZALEZ MA DEL CARMEN CORRALES - 2041 Pawnee Drive, Marietta, GA 30068

Address: HILLMAN LISA - 2031 Pawnee Drive, Marietta, GA 30068

7. Indicate the distance between the area affected by the release and the nearest drinking water well (including wells located on the site).

- Less than 0.5 miles 1 to 2 miles Greater than 3 miles
 0.5 to 1 mile 2 to 3 miles

Provide the name of the property owner and address of the location of the closest drinking water well.

Name: USGS 335646084274501 10FF22

Address: 33.946111, -84.462500

8. Is there any evidence to suspect that a person or a sensitive environment has been exposed to this release?

- Yes No

If yes, provide details on the potentially affected humans or sensitive environments.

REQUIRED ATTACHMENTS

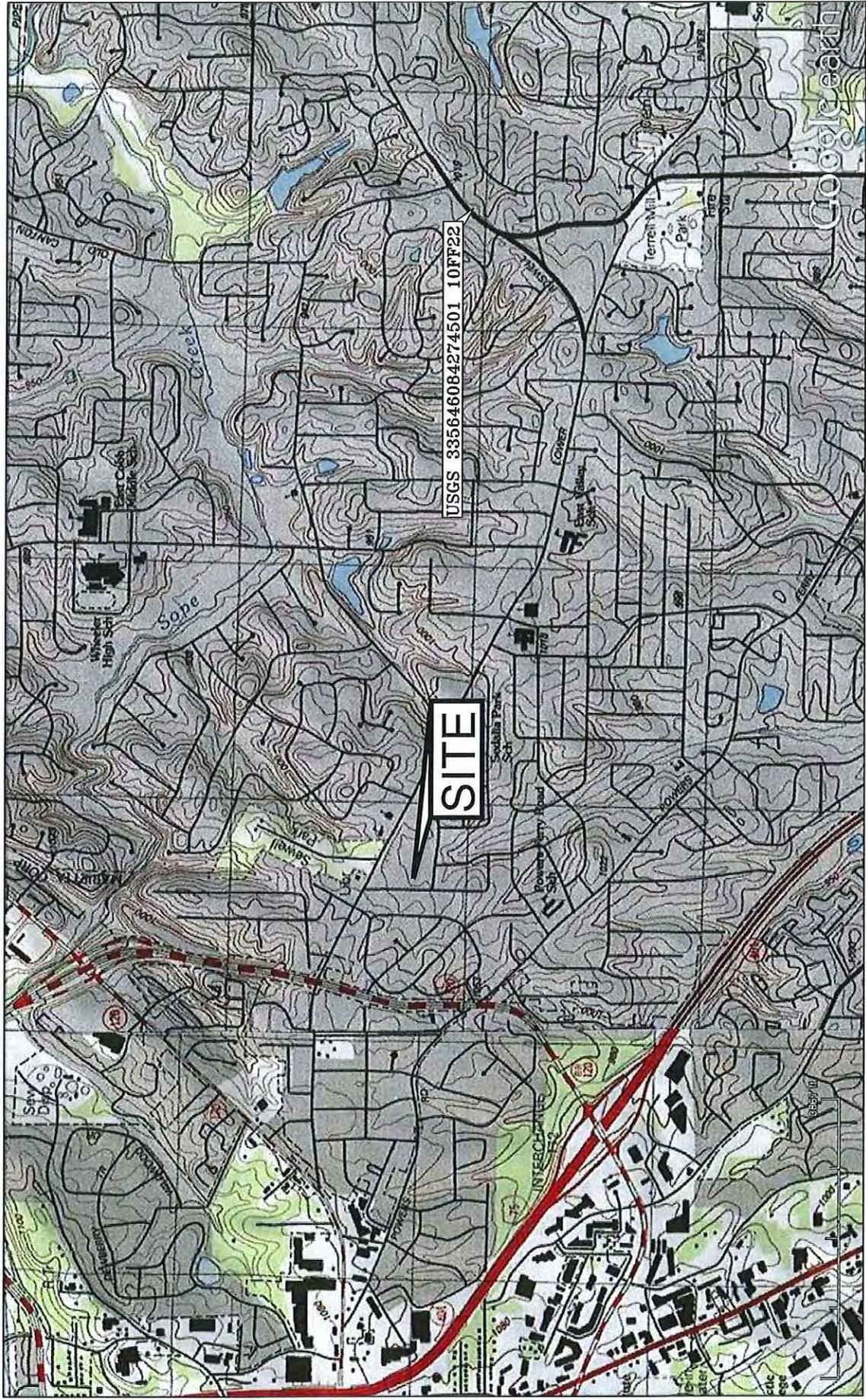
9. SITE SUMMARY

A. Attach a summary (no longer than one page) that gives a general description of the property, the areas affected by the release both within and beyond the property boundaries, and any actions taken to investigate, clean up or otherwise remediate the property. The summary shall include a description of the property boundaries of the site and adjacent properties as well as a detailed description of the nature and known or estimated extent of the area of contamination. Describe any additional relevant information concerning the nature of the release. In addition to the one page summary, other information concerning the property may also be attached.

B. Attach a site map that shows known or suspected sources as well as the locations of all samples collected at the site. The site map should include outlines of buildings as well as covered ground areas (e.g., parking lots or other paved areas). A legend should be provided to explain any symbols used on the map.

10. U.S.G.S. Topographic Map

Along with this form, you **MUST** submit an original U.S.G.S. topographical map (1:24000) with the geographic center of the site clearly marked. U.S.G.S. topographic maps are available for purchase on-line at <http://ggsstore.dnr.state.ga.us>.



SITE VICINITY MAP

PARTNER

FIGURE 1



Closest Water Well to the Site

NEW MARKET CENTER

MARIETTA, COBB COUNTY, GEORGIA 30068
 PROJECT NO.: 13-110369.1



LEGEND

- - - - - Site Boundary (Approximate)
- ▲ Soil Boring Location

NOT TO SCALE

Note: 2031 and 2041 Pawnee Drive are the closest residential properties to the site (green highlight)

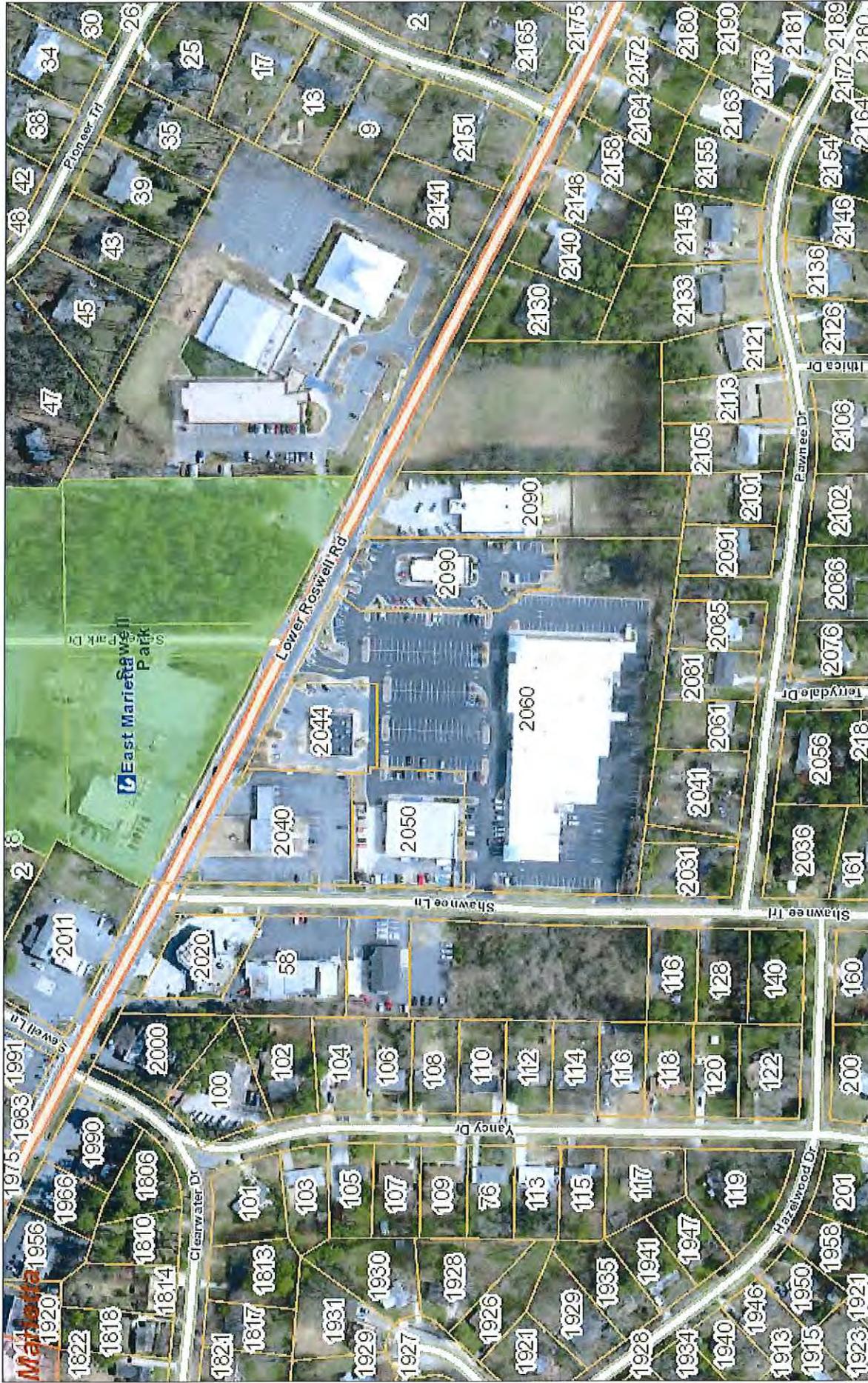
NEW MARKET CENTER
 2060 LOWER ROSWELL ROAD
 MARIETTA, COBB COUNTY, GEORGIA 30068
 PROJECT NO.: 13-110369.1

SITE PLAN and NEAREST RESIDENTIAL PROPERTIES

PARTNER



Cobb County Georgia Online Mapping



Map Notes:



1: 3,074

This map is a user generated static output from an internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.

THIS MAP IS NOT TO BE USED FOR NAVIGATION

0.1 Miles

0.05

0

0.1

0.1 Miles

WGS_1984_Web_Mercator_Auxiliary_Sphere

© Cobb County Georgia

ON-SITE EXPOSURE PATHWAY

			SCORE	
ACCESS TO THE SITE: Inaccessible (0) Limited Access (2) Unlimited Access (4)			A.	2
HAS THERE BEEN A RELEASE? Yes (25) Suspected (13) No Release (0)			B	25
CONTAINMENT: Soil Release: Very Good (0) (1) (2) (3) (4) (5) Poor			C	2
Aboveground release: (0) (1) (2) (3)				
REGULATED SUBSTANCE:	CAS# 79016	Name Tetrachloroethene	1D.	4
TOXICITY: None (0) Low (1) (2) (3) (4) (8) (16) High			2D.	4
QUANTITY: Threshold (1) (2) (3) (4) (5) (6) (7) (8) Very Large			3D.	4
DISTANCE TO NEAREST RESIDENT INDIVIDUAL: <300 (8) 301 to 1000 (6) 1001 to 3000 (4) 3001 to 5280 (2) >1 mile (1)			1E	8
IS THERE AN ON-SITE SENSITIVE ENVIRONMENT? Yes (1) No (0)			2E	0
ON-SITE EXPOSURE PATHWAY SCORE: THRESHOLD: 20			13.3	

$$S_o = A \times (B + C) \times (2D + 3D) \times (1E + 2E) / 259.2$$

If A or B is 0, then $S_o = 0$

If 2D is unknown, then 2D = 4.

If 3D is unknown, then 3D = 4.

Note: The denominator of 259.2 normalizes the on-site exposure pathway score to a value between 0 and 100

ON-SITE EXPOSURE PATHWAY

			SCORE	
ACCESS TO THE SITE: Inaccessible (0) Limited Access (2) Unlimited Access (4)			A.	2
HAS THERE BEEN A RELEASE? Yes (25) Suspected (13) No Release (0)			B	25
CONTAINMENT: Soil Release: Very Good (0) (1) (2) (3) (4) (5) Poor			C	2
Aboveground release: (0) (1) (2) (3)				
REGULATED SUBSTANCE:	CAS# 99876	Name p-Cymene	1D.	0
TOXICITY: None (0) Low (1) (2) (3) (4) (8) (16) High			2D.	0
QUANTITY: Threshold (1) (2) (3) (4) (5) (6) (7) (8) Very Large			3D.	4
DISTANCE TO NEAREST RESIDENT INDIVIDUAL: <300 (8) 301 to 1000 (6) 1001 to 3000 (4) 3001 to 5280 (2) >1 mile (1)			1E	8
IS THERE AN ON-SITE SENSITIVE ENVIRONMENT? Yes (1) No (0)			2E	0
ON-SITE EXPOSURE PATHWAY SCORE: THRESHOLD: 20			6.7	

$$S_o = A \times (B + C) \times (2D + 3D) \times (1E + 2E) / 259.2$$

If A or B is 0, then $S_o = 0$

If 2D is unknown, then 2D = 4.

If 3D is unknown, then 3D = 4.

Note: The denominator of 259.2 normalizes the on-site exposure pathway score to a value between 0 and 100

GROUNDWATER PATHWAY

		SCORE
HAS A RELEASE TO GROUNDWATER OCCURRED? Known (45) Suspected (10) Potential Future (5) No Release (0) (If 45, go to D)		A. 45
SUSCEPTIBILITY RATING: Higher (6) Average (3) Lower (0)		1B.
PHYSICAL STATE: Stable Solid (0) Unstable Solid (1) Powder/Ash (2) Liquid/Gas/Sludge (3)		2B.
CONTAINMENT: Very Good (0) Good (1) Fair (2) Poor (3)		C.
REGULATED SUBSTANCE:	CAS# 127184 Name Tetrachloroethene	1D.
TOXICITY: None (0) Low (1) (2) (3) (4) (8) (16) High		2D. 4
QUANTITY: Threshold (1) (2) (3) (4) (5) (6) (7) (8) Very Large		3D. 4
EXPOSURE TO GROUNDWATER RELEASE: Know release ≥ MCL and known human exposure ≥ MCL (25) Know release ≥ MCL and suspected human exposure (20) Know release, no MCL exists, and known human exposure (18) Know release ≥ MCL and known human exposure < MCL (15) Know release, no MCL, and suspected human exposure (12) Suspected release and human exposure suspected (8) Known release ≥ MCL but no human exposure suspected (4) Known release, no MCL and no human exposure suspected (3) Suspected release, but no human exposure suspected (2) Potential future release (1) Known release < MCL (0)		1E. 0
DISTANCE TO WELL OR SPRING: < 1/2 mile (16) 1/2 - 1 mile (9) 1 - 2 miles (4) 2 - 3 miles (1) >3 miles (0)		2E. 4
GROUNDWATER PATHWAY SCORE: THRESHOLD: 10		3.3

$$S_{gw} = M \times (2D + 3D) \times (1E + 2E) / 442.8$$

$$\text{Where } M = A + [(1B + 2B) \times C]$$

$$\text{If } A = 45 \text{ then } M = 45.$$

$$\text{If } 2D \text{ is unknown, then } 2D = 4.$$

$$\text{If } 3D \text{ is unknown, then } 3D = 4.$$

$$\text{If } 1E \text{ includes known or suspected human exposure, then } 2E = 16.$$

$$\text{If } 1E = 0, \text{ then } 2E = 1.$$

Note: The denominator of 442.8 normalizes the groundwater pathway score to a value between 0 and 100

TABLE 1
SUMMARY OF INVESTIGATION SCOPE
New Market Center
2060 Lower Roswell Road
Marietta, Cobb County, Georgia 30068
Partner Project Number 13-104504.40

Location ID	Location	Terminal Depth (feet bls)	Matrix Sampled	Sampling Depth (feet bls)	Target Contaminants
NM-1	In the parking lot located southeast of the TLC Cleaners	12	Soil/GW	4 (soil) 9 - 12 (GW)	VOCs by 8260
NM-2	In the parking lot located southeast of the TLC Cleaners and southeast of boring NM-1	16	GW	13 - 16 (GW)	VOCs by 8260
NM-3	Adjacent to the rear of the dry cleaning machine and in close proximity to the drum storage area located inside the east-central portion of the TLC Cleaners	4	Soil	4 (soil)	VOCs by 8260
NM-4	Beneath and adjacent to the spotting board located inside the central portion of the TLC Cleaners	5	Soil	2 (soil)	VOCs by 8260
NM-5	Adjacent to the northwest corner of the grit trap located inside southern portion of the TLC Cleaners	5	Soil	5 (soil)	VOCs by 8260

Notes:

GW - Groundwater

VOCs - volatile organic compounds

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS
VOLATILE ORGANIC COMPOUNDS BY 8260
New Market Center
2060 Lower Roswell Road
Marietta, Cobb County, Georgia 30068
Partner Project Number 13-104504.40

Sample Location	Date Collected	p-Cymene (mg/kg)	Tetrachloroethene (mg/kg)
NM-1-4	7/30/2013	ND	ND
NM-3-4	7/30/2013	ND	0.10
NM-4-2	7/30/2013	ND	0.78
NM-5-5	7/30/2013	0.47 J	56
Soil Trigger Level		NE	0.18

Notes:

mg/kg -milligrams per kilogram, or parts per million

ND - Not detected above laboratory detection limit

Soil Trigger Level or NC = HSRA 391-3-19 Soil Trigger Level

NE - Not Established

J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS
VOLATILE ORGANIC COMPOUNDS BY 8260
New Market Center
2060 Lower Roswell Road
Marietta, Cobb County, Georgia 30068
Partner Project Number 13-104504.40

Sample Location	Date Collected	p-Cymene (mg/kg)	Tetrachloroethene (mg/kg)
NM-1-4	7/30/2013	ND	ND
NM-3-4	7/30/2013	ND	0.10
NM-4-2	7/30/2013	ND	0.78
NM-5-5	7/30/2013	0.47 J	56
Soil Trigger Level		NE	0.18

Notes:

mg/kg -milligrams per kilogram, or parts per million

ND - Not detected above laboratory detection limit

Soil Trigger Level or NC = HSRA 391-3-19 Soil Trigger Level

NE - Not Established

J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
VOLATILE ORGANIC COMPOUNDS BY METHOD 8260
New Market Center
2060 Lower Roswell Road
Marietta, Cobb County, Georgia 30068
Partner Project Number 13-104504.40

Sample Location	Date Collected	Tetrachloroethene (µg/l)
NM-1W	7/30/2013	1.2
NM-2W	7/30/2013	ND
HSRA NC		MDL
HSRA Target Level		5

Notes:

µg/l - micrograms per liter, or parts per billion
 ND - Not Detected
 MDL - Method Detection Level.
 HSRA NC - HSRA Notification Concentration
 Analysis conducted by USEPA SW-846 method 8260

APPENDIX I

**JUNE 2014 REPORT OF ENVIRONMENTAL SERVICES
(EPS)**



1050 Crown Pointe Parkway
Suite 550
Atlanta, Georgia 30338

(404) 315-9113 *Telephone*
(404) 315-8509 *Fax*

Justin Vickery, P.G.
Associate

(678) 336-8538 *Direct Line*
jvickery@envplanning.com

June 23, 2014

David Reuland
Response and Remediation Program
Environmental Protection Division
2 Martin Luther King Jr., Dr.
Suite 1054, East Tower
Atlanta, GA 30334

Re: *Report of Environmental Services*
TLC Cleaners
2060 Lower Roswell Road, Suite 100
Marietta, GA 30068

Dear Mr. Reuland:

EPS is submitting this report for the above-referenced site on behalf of IPTV-B-C14, LLC in response to the EPD's letter dated April 21, 2014. TLC Cleaners occupies a tenant space in New Market Center. Figure 1 is an aerial photograph depicting the site vicinity (all figures are included in Attachment A).

Site Features

The TLC facility is 2,250 square feet and is located in a typical shopping center tenant space. Two dry cleaning machines are located toward the front of the space. One is a newer closed loop machine that is in current use; the other is an older machine that is not in use. Behind the dry cleaning machines, a few drums of spent dry cleaning filters were observed adjacent to a floor drain. The flow direction of the floor drain could not be determined. Between the back wall of the tenant space and a washing machine, a sump, referred to by the EPD as a "grit trap", was observed. The grit trap is approximately 2-ft by 2-ft by 2-ft deep and periodically has water flowing through it. According to the TLC operator, the washing machine and two sinks drain into the grit trap. Another floor drain was observed in the boiler room which is also located along the back wall. It is assumed that the floor drains and the grit trap connect to each other and discharge to the sanitary sewer. Figure 2 shows the layout of the dry cleaners.



Site History

The site was developed with the current structure in 1973. Since 1989, the site has been occupied by a dry cleaners, with tetrachloroethene (PCE) used for its dry cleaning operations.

As reflected in the below-referenced June 1999 Release Notification (copy attached at Appendix D), on May 28, 1999, soil and groundwater samples were collected by QORE Property Sciences (QORE) in the vicinity of TLC (“QSB” or “QMW” locations shown on Figures 3 and 4) and adjacent to an off-site gas station (the samples associated with the off-site gas station are not discussed in this report). PCE was detected in soil at 0.023 milligrams per kilogram (mg/kg) in boring QSB-4 located outside of the building near the back door. PCE was also reportedly detected in groundwater at a concentration of 64 micrograms per liter ($\mu\text{g/l}$) in temporary monitoring well QMW-5. A low concentration of chloroform was also detected in the groundwater sample from temporary monitoring well QSB-5. Chloroform at low concentrations is often associated with a municipal water line leak. Cis-1,2-dichloroethene (cis-DCE), a degradation product of PCE, was detected at 5.3 $\mu\text{g/l}$ in QMW-4. In June 1999, this information was submitted to the EPD in a Release Notification. A boring, HA-1, was apparently advanced inside TLC; however, no sampling data for this boring was included in the Release Notification.

On July 30, 2013, as part of a Phase II Environmental Site Assessment, soil and groundwater samples were collected by Partner Engineering and Sciences, Inc. (Partner) in and around the dry cleaners (“NM” locations shown on Figures 3 and 4). PCE was detected in soil at 56 mg/kg at boring NM-5 adjacent to the grit trap and in groundwater at 1.2 $\mu\text{g/l}$ at NM-1, which lies in the parking area behind 25 feet down-gradient from the grit trap (groundwater gradient is assumed based on topography). P-cymene was also detected in soil, but because this compound is not regulated under the Hazardous Site Response Act, it is not discussed in this report. A Release Notification was submitted to the EPD on October 22, 2013 for PCE detections in soil and groundwater. The 2013 Release Notification noted that these detections might be representative of the release referenced in the 1999 Release Notification rather than a more recent possible release..

In a letter dated April 21, 2014 addressed to IPTV-B-C14, LLC, the EPD requested additional analytical data from the site. Specifically, the EPD requested the collection of three soil samples from one soil boring, the installation of a monitoring well in the soil boring, the sampling of the monitoring well, and the collection of a sediment sample from a grit trap. The EPD requested that each of the samples be analyzed for dry cleaning related volatile organic compounds (VOCs) including PCE, trichloroethene (TCE), cis-DCE, trans-1,2-dichloroethene (trans-DCE), 1,1-dichloroethene (1,1-DCE), and vinyl chloride, and that the grit trap sediment sample also be analyzed using the Toxicity Characteristic Leaching Procedure (TCLP) for the applicable VOCs.

May 2014 Field Investigation

On May 19, one boring (SB-1) was advanced using a hollow stem auger and a CME 55 drill rig to a total depth of 20 feet below ground surface (ft bgs). The boring was located immediately outside to the south of the cleaners (Figure 3). Split spoon soil cores were collected at depths of 3-5 ft bgs, 8-10 ft bgs, 13-15 ft bgs, and 18-20 ft bgs. The soil cores were field-screened with a



photoionization detector (PID) for the presence of VOCs. The field screening did not indicate the presence of VOCs. Soil samples from depths of 5 ft bgs, 10 ft bgs, and 15 ft bgs were collected for VOC analysis using Method 5035 by pushing laboratory supplied plastic syringes directly into the soil cores. For each sample, similar amounts of soil were placed into each of three 40-mL glass vials: one preserved with methanol and two preserved with sodium bisulfate. In addition, a 2-oz. glass jar was filled for soil moisture analysis.

Once the borehole had been advanced to 20 ft bgs, the augers were removed, and a 2-inch schedule 40 PVC well was installed (MW-1). The well was installed with 10 feet of 0.010-inch slotted screen set at 9.5-19.5 ft bgs. Once the screen and riser had been placed in the borehole, the borehole annulus was filled with filter sand from 7.5-20 ft bgs. A bentonite plug was placed from 5.5-7.5 ft bgs and hydrated. Grout was placed into the borehole annulus from 0.5-5.5 ft bgs. The PVC riser was then cut off just below the ground surface, and a flush-mounted vault was installed to finish the well. The remaining borehole annulus was filled with grout to the bottom of the vault, and a 2-ft by 2-ft concrete pad was constructed around the well vault. A boring log for SB-1/MW-1 is included in Attachment B.

The EPD requested the collection of a waste material sample from the grit trap. At the time of the EPS investigation, there was no sediment/waste in the bottom of the grit trap, only water and floating debris (mostly lint). A water sample was collected from the grit trap for VOC analysis. To prevent the loss of the preservative in the sample bottles, the water sample collected from the grit trap was collected by dipping a clean, laboratory supplied, secondary container into the grit trap and transferring the sample to two 40-mL glass vials preserved with hydrochloric acid.

One May 20, the monitoring well was developed using a bailer until the water was free of visible sediment. At that point, water quality measurements, including pH, specific conductance, dissolved oxygen, and turbidity were collected and allowed to stabilize. Approximately 18 gallons of water was removed from the well during well development. The well was sampled the following day.

On May 21, monitoring well MW-1 was purged with a peristaltic pump using Teflon-lined tubing using low flow/low stress purging techniques. Total well depth and groundwater depth were measured to calculate three well volumes and to determine the depth of the purge tubing. The depth to groundwater was approximately 8 ft bgs. The bottom of the tubing was placed near the top of the water column. The water level did not significantly decrease during purging. Purging was considered complete once three well volumes had been extracted and geochemical parameters, collected with a flow-through cell of a Horiba U-53, stabilized over three consecutive readings as follows: pH at +/- 0.1 Standard Units, specific conductance at +/- 5%, and turbidity at <10 Nephelometric Turbidity Units.

The groundwater VOC sample was collected using the "soda straw" technique by entrapping the groundwater in the tubing, extracting the tubing from the well, and pouring the groundwater directly from the tubing into the sample bottles. The sample was collected in two 40-mL glass vials preserved with hydrochloric acid.

The soil, water, and groundwater samples were labeled, placed on ice in a cooler, logged under standard chain-of-custody procedures, hand delivered to Analytical Environmental Services, Inc.



in Atlanta, GA, and analyzed by method 8260B for the dry cleaning related VOCs specified above.

Drill cuttings and purge water were drummed for off-site disposal.

Investigation Results (May 1999, July 2013, and May 2014)

Soil

As shown in Table 1 below, PCE has been detected in seven of the nine soil samples collected by QORE, Partners, and EPS, with the highest detected concentration being 56 milligrams per kilogram (mg/kg) from boring NM-5 located adjacent to the grit trap. The soil samples collected outside of the dry cleaners from boring SB-1 were all below the HSRA Notification Concentration of 0.18 mg/kg. Other than PCE, no other PCE-related regulated compound has been detected in the soil samples at the site. Toluene and xylenes were detected in soil samples collect by QORE in 1999 at concentrations below the HSRA Notification Concentrations. Soil sampling results for PCE are shown on Figure 3, and laboratory reports are included in Attachment C.

**Table 1
Soil PCE Concentration**

Sample ID	Sample Depth (ft)	Date Collected	PCE (mg/kg)	Toluene (mg/kg)	Xylenes (mg/kg)
QSB-4	13.5 - 15	5/28/99	0.023	0.010	ND
QSB-5	8.5 - 10	5/28/99	ND	0.008	0.012
NM-1-4	4	7/30/13	ND	ND	ND
NM-3-4	4	7/30/13	0.10	ND	ND
NM-4-2	2	7/30/13	0.78	ND	ND
NM-5-5	5	7/30/13	56	ND	ND
14139-SB1-5	5	5/19/2014	0.021	NA	NA
14139-SB1-10	10	5/19/2014	0.016	NA	NA
14139-SB1-15	15	5/19/2014	0.00062	NA	NA

ft = feet

mg/kg = milligrams per kilogram

Groundwater/Water

As shown on Table 2 below, PCE has been detected in three of the five groundwater samples collected. In 1999, PCE was reportedly detected in QMW-5 at 64 µg/l located approximately 125 feet south-southeast of the TLC Cleaners (Figure 4). In 2013, PCE was not detected in NM-2W, which was collected in the vicinity of QMW-5. In 2014, PCE was detected at 43 µg/l in MW-1 located adjacent to the south side of the TLC building. In 2014, PCE was also detected in the water sample from the grit trap. Cis-DCE and chloroform have also been detected in the groundwater samples. Groundwater sampling results are shown on Figure 4, and laboratory reports are included in Attachment C.



Table 2
Groundwater/Water PCE Concentration

Sample ID	Sample Matrix	Date Collected	PCE (µg/l)	Cis-DCE (µg/l)	Chloroform (µg/l)
QMW-4	Groundwater	5/28/99	ND	5.3	ND
QMW-5	Groundwater	5/28/99	64	ND	2.3
NM-1W	Groundwater	7/30/13	1.2	ND	ND
NM-2W	Groundwater	7/30/13	ND	ND	ND
14141-MW-1	Groundwater	5/21/2014	43	NA	NA
14139-GRITTRAP	Water	5/19/2014	7.1	NA	NA

µg/l = micrograms per liter

Discussion

Soil concentrations have been below the PCE Notification Concentration of 0.18 mg/kg in all samples, with the exception of two samples located beneath the building.

2013-2014 PCE concentrations in groundwater are the highest at the TLC building and decrease quickly to non-detect in the apparent down-gradient direction at NM-2. In 1999, PCE was reported as having been detected at 64 µg/l in QMW-5 located approximately 125 feet down-gradient from the building. However, EPS believes that the QORE release notification in 1999 may have accidentally switched the groundwater detection of PCE between QMW-4 and QMW-5, so that the actual detection of PCE at QMW-4 near the building and apparent release source should have been reported as 64 ug/l and the actual detection of PCE at QMW-5 farther downgradient from the building and apparent release source should have been reported as non-detect. The rationale for this conclusion follows:

- In 1999, cis-DCE was detected in QMW-4.. One would expect the companion detection of PCE in QMW-4 as the parent of cis-DCE.
- In 2013, no PCE was detected in NM-2W, located in the immediate vicinity of QMW-5, and a small amount of PCE was detected in NM-1W, which was located closer to TLC than NM-2W. The 2013-2014 results show a geographic trend consistent with the trend one would expect relative to distance from a release source. The QMW-5 PCE detection does not fit within the current-day trend.

In 2014, PCE was detected at 43 µg/l in MW-1, located immediately south of TLC and in the vicinity of QMW-4. This detection is more consistent with the 2013 groundwater data, which indicate PCE concentrations diminish with distance from the building, and with what should have been reported as a 64 ug/l PCE detection at QMW-4 in 1999.



Conclusion

It appears that a historical PCE release prior to 1999 occurred either at the grit trap or in the sewer line near the grit trap as the probable result of a discharge of PCE into the floor drain adjacent to the older dry cleaning machine at a time when it was in use. Considering the apparently dated nature of the release, in conjunction with the 2013-2014 groundwater concentrations of PCE tapering off quickly from 43 µg/l in MW-1, located adjacent to the building in the vicinity of the grit trap, to 1.2 µg/l in NM-1W, located 25 feet from the building, to non-detect in NM-2W, located 120 feet from the building, it appears that the PCE plume in groundwater is stable or declining at a relatively low concentration and is not migrating off-site.

Feel free to contact me if you have any questions regarding this letter report.

Sincerely,



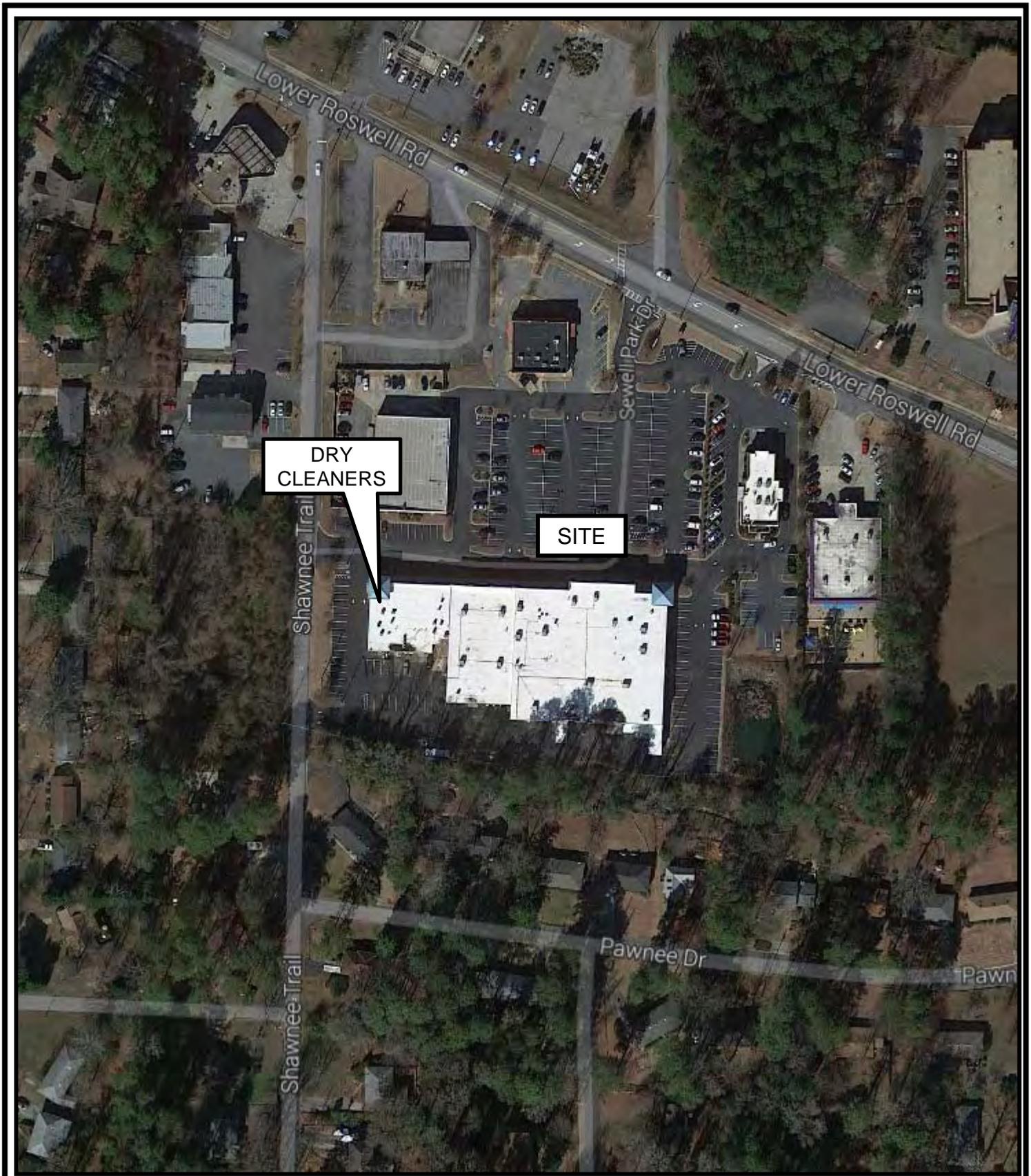
Justin Vickery, P.G.
Associate

Attachments:	Attachment A:	Figures
	Attachment B:	Boring Log
	Attachment C:	Laboratory Analytical Reports
	Attachment D:	June 1999 HSRA Release Notification Documents as Obtained from EPD Files

c: Dewayne Bailey, IPTV-B-C14, LLC

ATTACHMENT A

Figures



1050 Crown Pointe Pkwy
Suite: 550
Atlanta, GA 30338
404.315.9113



REPORT OF ENVIRONMENTAL SERVICES

TLC Cleaners
2060 Lower Roswell Road
Marietta, GA 30068

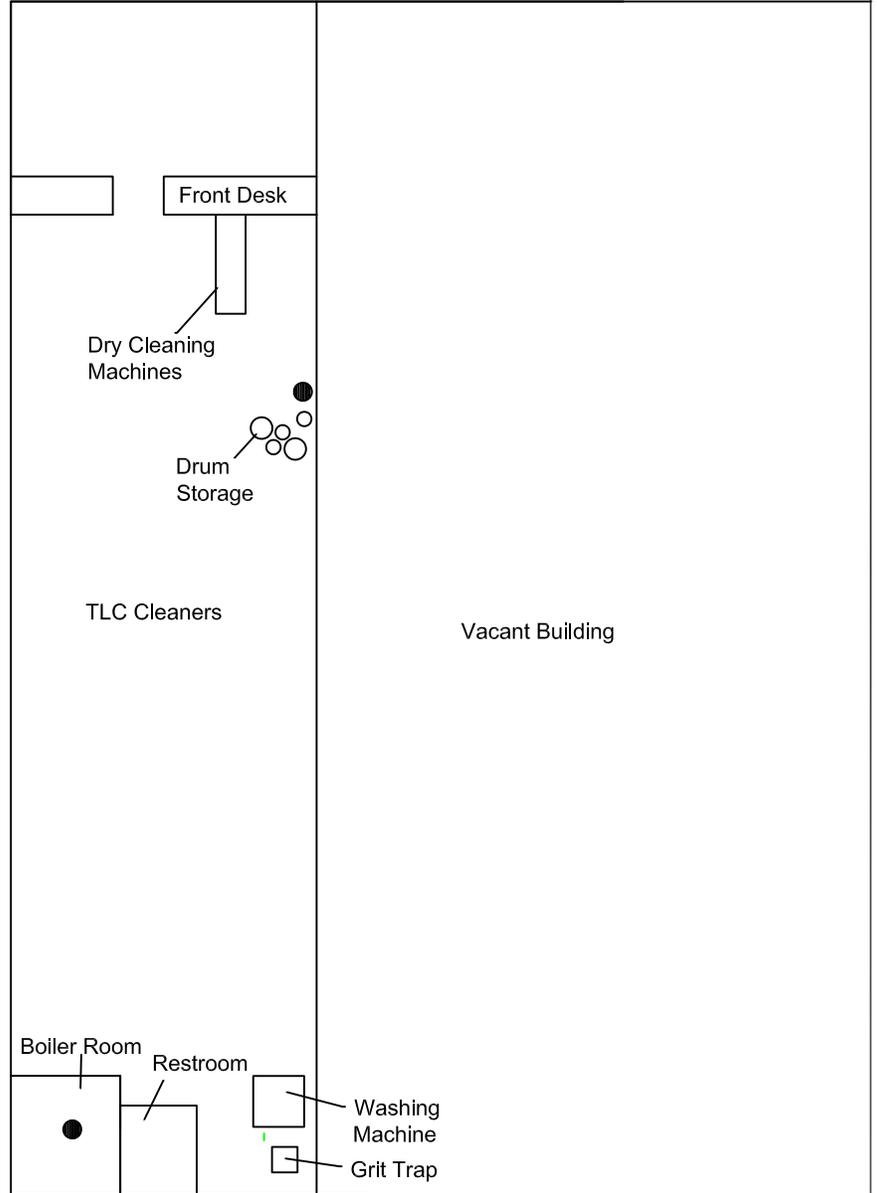
SITE VICINITY AERIAL PHOTO

FIGURE

1

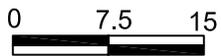


Asphalt Parking Lot



Legend

● Floor Drain



Scale (ft)



1050 Crown Pointe Parkway
 Suite 550
 Atlanta, GA 30338
 (404) 315-9113

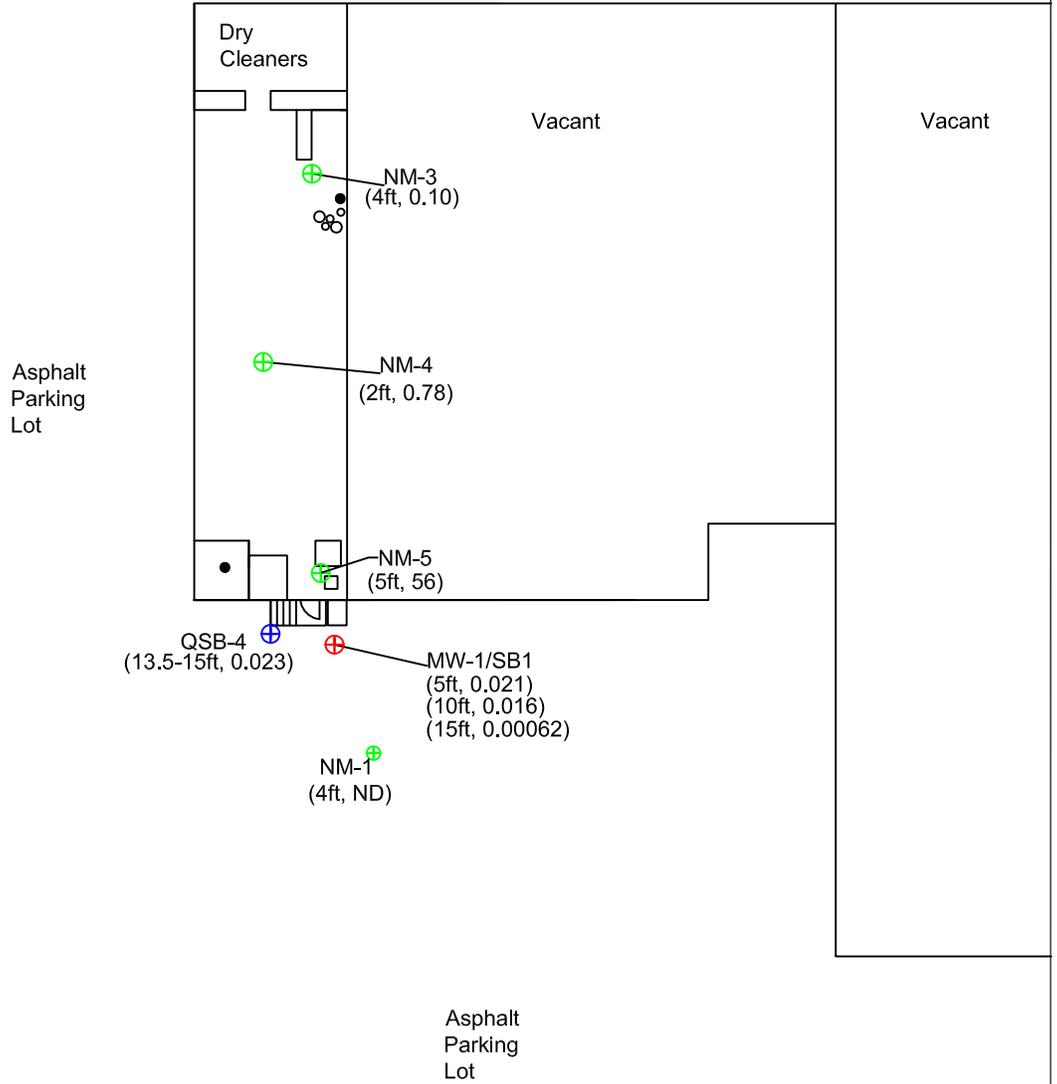
TLC Cleaners Layout

TLC Cleaners
 2060 Lower Roswell Road
 Marietta, Georgia

June 2014

FIGURE

2



Legend

- Floor Drain
- ⊕ Qore Soil Sample Location (1999)
- ⊕ Partner Engineering Soil Sample Location (2013)
- ⊕ EPS Soil Sample Location (2014)

(2ft, 0.78) (Sample Depth, PCE Soil Concentration (mg/kg))
 mg/kg milligrams per kilogram
 ND Not Detected



Graphic Scale (feet)



1050 Crown Pointe
 Parkway
 Suite 550
 Atlanta, GA 30338
 (404) 315-9113

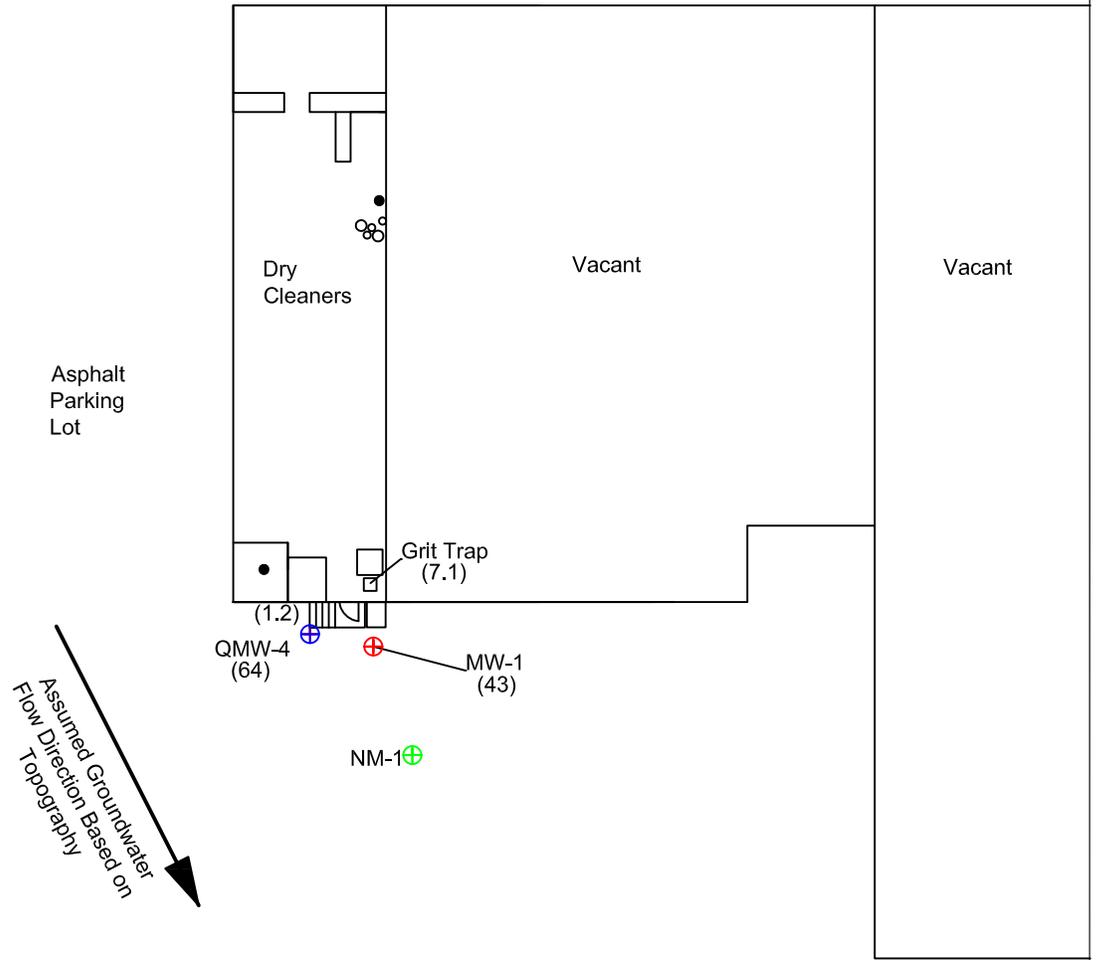
**PCE Concentrations in
 Soil**

TLC Cleaners
 2060 Lower Roswell Road
 Marietta, Georgia

June 2014

FIGURE

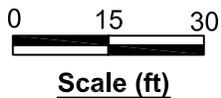
3



Legend

- Floor Drain
 - ⊕ Core Groundwater Sample Location (1999)
 - ⊕ Partner Engineering Groundwater Sample Location (2013)
 - ⊕ EPS Monitoring Well Location (2014)
- (43) (PCE Concentration (ug/L))
 ug/L micrograms per liter
 ND Not Detected

Note: The detection of 64 ug/l in QMW-4 was presented as a detection in QMW-5 in the 1999 Release Notification. As discussed in the text of this report, it is believed that the sampling data was accidentally switched for these two samples and that this figure presents the accurate data.



1050 Crown Pointe
 Parkway
 Suite 550
 Atlanta, GA 30338
 (404) 315-9113

**PCE Concentrations in
 Groundwater**

TLC Cleaners
 2060 Lower Roswell Road
 Marietta, Georgia

June 2014

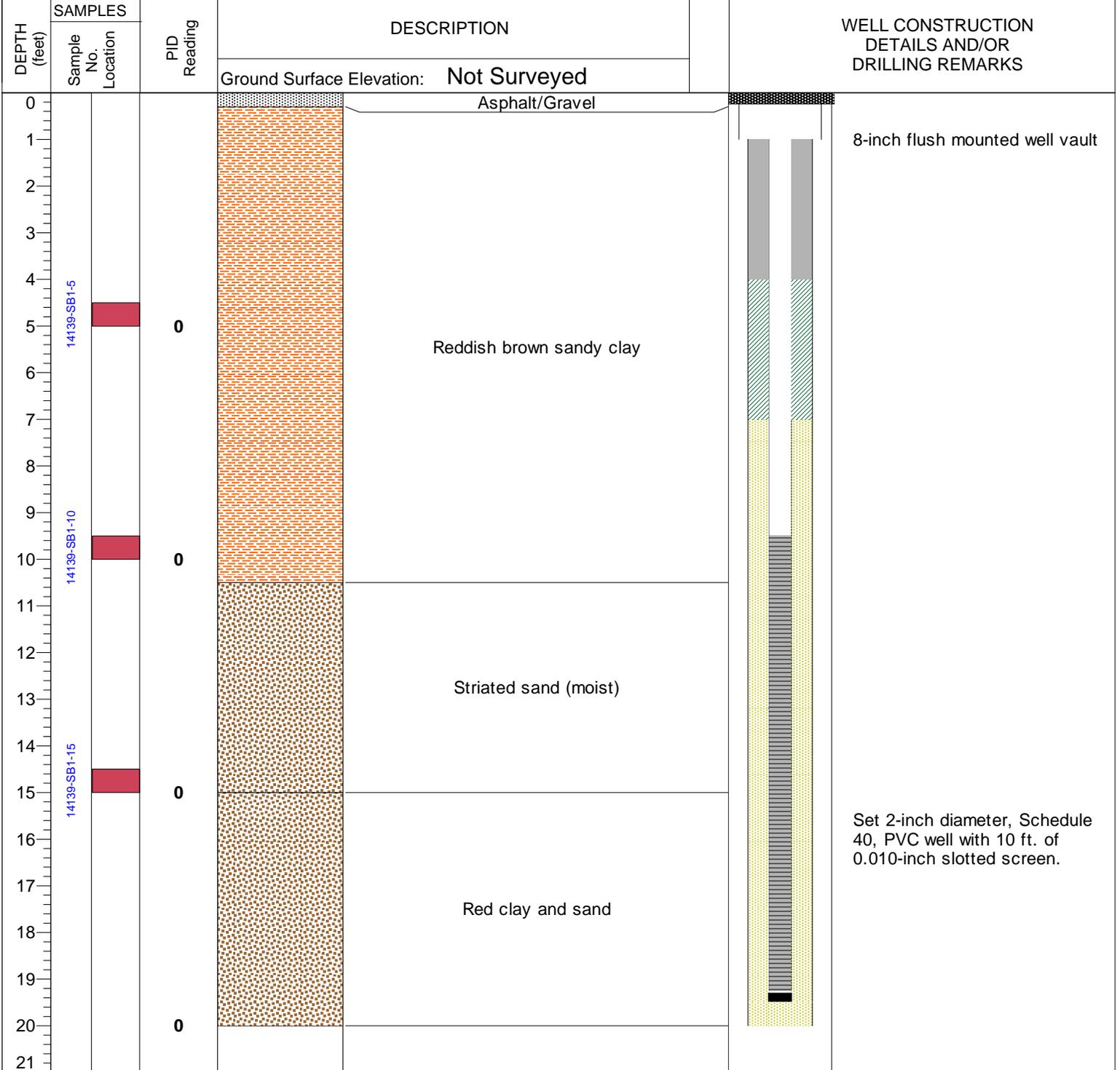
FIGURE

4

ATTACHMENT B

Boring Log

Project:	TLC Cleaners	Log of Boring No.	MW-1
SITE LOCATION:	Marietta, GA	TOP OF CASING ELEVATION (ft.):	N/A
DRILLING CONTRACTOR:	Smith Drilling	DATE STARTED:	5/19/14
		DATE FINISHED:	5/19/14
DRILLING METHOD:	Hollow Stem Auger	TOTAL DEPTH (ft.):	20
		SCREEN INTERVAL (ft.):	9.5-19.5
DRILLING EQUIPMENT:	CME 55	DEPTH TO WATER AT TIME OF BORING (ft.):	~10
		CASING (ft.):	0-9.5
SAMPLING METHOD:	Split Spoon	LOGGED BY:	W. Crowe



ATTACHMENT C

Laboratory Analytical Reports



May 27, 2014

Justin Vickery
Environmental Planning Specialists, Inc.
1050 Crown Pointe Parkway
Atlanta GA 30338

TEL: (404) 315-9113
FAX: (404) 315-8509

RE: TLC Cleaners

Dear Justin Vickery:

Order No: 1405G77

Analytical Environmental Services, Inc. received 7 samples on 5/19/2014 12:55:00 PM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.

AES' certifications are as follows:

- NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/13-06/30/14.
- AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/15.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

James Forrest
Project Manager



ANALYTICAL ENVIRONMENTAL SERVICES, INC
 3080 Presidential Drive, Atlanta GA 30340-3704
 A.E.S. TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1905677

Date: 5/19/14 Page 1 of 1

#	SAMPLE ID	SIGNED BY	SAMPLED		Grab	Composite	Matrix (See codes)	ANALYSIS REQUESTED							REMARKS	No # of Containers		
			DATE	TIME				PCB	PCP	PCP	PCP	PCP	PCP	PCP			PCP	
1	14139-SB1-5	William Crowe	5/19/14	0959	X		SO	Trichloroethene	X	1,1-dichloroethene	X	Vinyl chloride	X	TCPP PCBs	X	TCPP Metals		
2	14139-SB1-10			1004	X		SO	Trichloroethene	X	1,1-dichloroethene	X	Vinyl chloride	X	TCPP PCBs	X	TCPP Metals		
3	14139-SB1-15			1011	X		SO	Trichloroethene	X	1,1-dichloroethene	X	Vinyl chloride	X	TCPP PCBs	X	TCPP Metals		
4	14139-Gritheap			1116	X		W	Trichloroethene	X	1,1-dichloroethene	X	Vinyl chloride	X	TCPP PCBs	X	TCPP Metals		
5	14139-Drum 50			1120	X		W	Trichloroethene	X	1,1-dichloroethene	X	Vinyl chloride	X	TCPP PCBs	X	TCPP Metals		
6	Trip Blank			5/18/14		X		W	Trichloroethene	X	1,1-dichloroethene	X	Vinyl chloride	X	TCPP PCBs	X	TCPP Metals	
7	Field Blank			5/19/14	1220	X		W	Trichloroethene	X	1,1-dichloroethene	X	Vinyl chloride	X	TCPP PCBs	X	TCPP Metals	
8																		
9																		
10																		
11																		
12																		
13																		
14																		

RELINQUISHED BY:	DATE/TIME: 5/19/14 1255
RECEIVED BY:	DATE/TIME: 5/19/14 12:55P

PROJECT NAME: <u>TLC cleaners</u>	PROJECT INFORMATION
PROJECT #:	
SITE ADDRESS:	
SEND REPORT TO: <u>Twitter@envplanning.com</u>	
INVOICE TO: (IF DIFFERENT FROM ABOVE)	
QUOTE #:	

TURNAROUND TIME Request	Standard 5 Business Days
<input checked="" type="radio"/>	2 Business Day Rush
<input type="radio"/>	Next Business Day Rush
<input type="radio"/>	Same Day Rush (auth req)
<input type="radio"/>	Other

STATE PROGRAM (if any):	E-mail? Y/N:	Fax? Y/N:
DATA PACKAGE: I II III IV		

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD: OUT / / VIA: IN (CLIENT) FedEx UPS MAIL COURIER

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify) WW = Waste Water

PRESERVATIVE CODES: HH1 = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M-1 = Sodium Bisulfate/Methanol + ice NA = None

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc

Date: 27-May-14

Client: Environmental Planning Specialists, Inc.	Client Sample ID: 14139-SB1-5
Project Name: TLC Cleaners	Collection Date: 5/19/2014 9:59:00 AM
Lab ID: 1405G77-001	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1-Dichloroethene	BRL	0.0038		mg/Kg-dry	191431	1	05/22/2014 04:43	MD
cis-1,2-Dichloroethene	BRL	0.0038		mg/Kg-dry	191431	1	05/22/2014 04:43	MD
Tetrachloroethene	0.021	0.0038		mg/Kg-dry	191431	1	05/22/2014 04:43	MD
trans-1,2-Dichloroethene	BRL	0.0038		mg/Kg-dry	191431	1	05/22/2014 04:43	MD
Trichloroethene	BRL	0.0038		mg/Kg-dry	191431	1	05/22/2014 04:43	MD
Vinyl chloride	BRL	0.0075		mg/Kg-dry	191431	1	05/22/2014 04:43	MD
Surr: 4-Bromofluorobenzene	92.3	70-128		%REC	191431	1	05/22/2014 04:43	MD
Surr: Dibromofluoromethane	98.4	78.2-128		%REC	191431	1	05/22/2014 04:43	MD
Surr: Toluene-d8	93.1	76.5-116		%REC	191431	1	05/22/2014 04:43	MD
PERCENT MOISTURE D2216								
Percent Moisture	27.0	0		wt%	R268168	1	05/21/2014 17:00	EH

Qualifiers:	* Value exceeds maximum contaminant level	E Estimated (value above quantitation range)
	BRL Below reporting limit	S Spike Recovery outside limits due to matrix
	H Holding times for preparation or analysis exceeded	Narr See case narrative
	N Analyte not NELAC certified	NC Not confirmed
	B Analyte detected in the associated method blank	< Less than Result value
	> Greater than Result value	J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 27-May-14

Client: Environmental Planning Specialists, Inc.	Client Sample ID: 14139-SB1-10
Project Name: TLC Cleaners	Collection Date: 5/19/2014 10:04:00 AM
Lab ID: 1405G77-002	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1-Dichloroethene	BRL	0.0039		mg/Kg-dry	191431	1	05/22/2014 05:10	MD
cis-1,2-Dichloroethene	BRL	0.0039		mg/Kg-dry	191431	1	05/22/2014 05:10	MD
Tetrachloroethene	0.016	0.0039		mg/Kg-dry	191431	1	05/22/2014 05:10	MD
trans-1,2-Dichloroethene	BRL	0.0039		mg/Kg-dry	191431	1	05/22/2014 05:10	MD
Trichloroethene	BRL	0.0039		mg/Kg-dry	191431	1	05/22/2014 05:10	MD
Vinyl chloride	BRL	0.0078		mg/Kg-dry	191431	1	05/22/2014 05:10	MD
Surr: 4-Bromofluorobenzene	95.6	70-128		%REC	191431	1	05/22/2014 05:10	MD
Surr: Dibromofluoromethane	98.5	78.2-128		%REC	191431	1	05/22/2014 05:10	MD
Surr: Toluene-d8	93.2	76.5-116		%REC	191431	1	05/22/2014 05:10	MD
PERCENT MOISTURE D2216								
Percent Moisture	35.8	0		wt%	R268168	1	05/21/2014 17:00	EH

Qualifiers:	* Value exceeds maximum contaminant level	E Estimated (value above quantitation range)
	BRL Below reporting limit	S Spike Recovery outside limits due to matrix
	H Holding times for preparation or analysis exceeded	Narr See case narrative
	N Analyte not NELAC certified	NC Not confirmed
	B Analyte detected in the associated method blank	< Less than Result value
	> Greater than Result value	J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 27-May-14

Client: Environmental Planning Specialists, Inc.	Client Sample ID: 14139-SB1-15
Project Name: TLC Cleaners	Collection Date: 5/19/2014 10:11:00 AM
Lab ID: 1405G77-003	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B			(SW5035)					
1,1-Dichloroethene	BRL	0.00034		mg/Kg-dry	191431	1	05/22/2014 05:37	MD
cis-1,2-Dichloroethene	BRL	0.00034		mg/Kg-dry	191431	1	05/22/2014 05:37	MD
Tetrachloroethene	0.00062	0.00034		mg/Kg-dry	191431	1	05/22/2014 05:37	MD
trans-1,2-Dichloroethene	BRL	0.00034		mg/Kg-dry	191431	1	05/22/2014 05:37	MD
Trichloroethene	BRL	0.00034		mg/Kg-dry	191431	1	05/22/2014 05:37	MD
Vinyl chloride	BRL	0.00067		mg/Kg-dry	191431	1	05/22/2014 05:37	MD
Surr: 4-Bromofluorobenzene	99.3	70-128		%REC	191431	1	05/22/2014 05:37	MD
Surr: Dibromofluoromethane	102	78.2-128		%REC	191431	1	05/22/2014 05:37	MD
Surr: Toluene-d8	92.7	76.5-116		%REC	191431	1	05/22/2014 05:37	MD
PERCENT MOISTURE D2216								
Percent Moisture	32.8	0		wt%	R268168	1	05/21/2014 17:00	EH

Qualifiers:	* Value exceeds maximum contaminant level	E Estimated (value above quantitation range)
	BRL Below reporting limit	S Spike Recovery outside limits due to matrix
	H Holding times for preparation or analysis exceeded	Narr See case narrative
	N Analyte not NELAC certified	NC Not confirmed
	B Analyte detected in the associated method blank	< Less than Result value
	> Greater than Result value	J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 27-May-14

Client: Environmental Planning Specialists, Inc.	Client Sample ID: 14139-GRITTRAP
Project Name: TLC Cleaners	Collection Date: 5/19/2014 11:16:00 AM
Lab ID: 1405G77-004	Matrix: Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B					(SW5030B)			
1,1-Dichloroethene	BRL	5.0		ug/L	191434	1	05/22/2014 15:53	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	191434	1	05/22/2014 15:53	GK
Tetrachloroethene	7.1	5.0		ug/L	191434	1	05/22/2014 15:53	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	191434	1	05/22/2014 15:53	GK
Trichloroethene	BRL	5.0		ug/L	191434	1	05/22/2014 15:53	GK
Vinyl chloride	BRL	2.0		ug/L	191434	1	05/22/2014 15:53	GK
Surr: 4-Bromofluorobenzene	89.3	66.2-120		%REC	191434	1	05/22/2014 15:53	GK
Surr: Dibromofluoromethane	95	79.5-121		%REC	191434	1	05/22/2014 15:53	GK
Surr: Toluene-d8	96.5	77-117		%REC	191434	1	05/22/2014 15:53	GK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 27-May-14

Client: Environmental Planning Specialists, Inc.	Client Sample ID: 14139-DRUMSO
Project Name: TLC Cleaners	Collection Date: 5/19/2014 11:20:00 AM
Lab ID: 1405G77-005	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILES, TCLP SW1311/8260B					(SW1311)			
1,1-Dichloroethene	BRL	0.10		mg/L	191530	20	05/23/2014 15:42	NH
1,2-Dichloroethane	BRL	0.10		mg/L	191530	20	05/23/2014 15:42	NH
2-Butanone	BRL	0.20		mg/L	191530	20	05/23/2014 15:42	NH
Benzene	BRL	0.10		mg/L	191530	20	05/23/2014 15:42	NH
Carbon tetrachloride	BRL	0.10		mg/L	191530	20	05/23/2014 15:42	NH
Chlorobenzene	BRL	0.10		mg/L	191530	20	05/23/2014 15:42	NH
Chloroform	BRL	0.10		mg/L	191530	20	05/23/2014 15:42	NH
Tetrachloroethene	BRL	0.10		mg/L	191530	20	05/23/2014 15:42	NH
Trichloroethene	BRL	0.10		mg/L	191530	20	05/23/2014 15:42	NH
Vinyl chloride	BRL	0.040		mg/L	191530	20	05/23/2014 15:42	NH
Surr: 4-Bromofluorobenzene	94.7	67.9-128		%REC	191530	20	05/23/2014 15:42	NH
Surr: Dibromofluoromethane	99.7	77.2-124		%REC	191530	20	05/23/2014 15:42	NH
Surr: Toluene-d8	94.6	71.6-127		%REC	191530	20	05/23/2014 15:42	NH
MERCURY, TCLP SW1311/7470A					(SW7470A)			
Mercury	BRL	0.00400		mg/L	191450	1	05/22/2014 15:18	CG
ICP METALS, TCLP SW1311/6010C					(SW3010A)			
Arsenic	BRL	0.250		mg/L	191448	1	05/22/2014 15:53	JL
Barium	1.32	0.500		mg/L	191448	1	05/22/2014 15:53	JL
Cadmium	BRL	0.0250		mg/L	191448	1	05/22/2014 15:53	JL
Chromium	BRL	0.0500		mg/L	191448	1	05/22/2014 15:53	JL
Lead	0.0580	0.0500		mg/L	191448	1	05/22/2014 15:53	JL
Selenium	BRL	0.100		mg/L	191448	1	05/22/2014 15:53	JL
Silver	BRL	0.0250		mg/L	191448	1	05/22/2014 15:53	JL

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: Environmental Planning Specialists, Inc.	Client Sample ID: TRIP BLANK
Project Name: TLC Cleaners	Collection Date: 5/18/2014
Lab ID: 1405G77-006	Matrix: Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B					(SW5030B)			
1,1-Dichloroethene	BRL	5.0		ug/L	191434	1	05/21/2014 20:30	NP
cis-1,2-Dichloroethene	BRL	5.0		ug/L	191434	1	05/21/2014 20:30	NP
Tetrachloroethene	BRL	5.0		ug/L	191434	1	05/21/2014 20:30	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	191434	1	05/21/2014 20:30	NP
Trichloroethene	BRL	5.0		ug/L	191434	1	05/21/2014 20:30	NP
Vinyl chloride	BRL	2.0		ug/L	191434	1	05/21/2014 20:30	NP
Surr: 4-Bromofluorobenzene	92.4	66.2-120		%REC	191434	1	05/21/2014 20:30	NP
Surr: Dibromofluoromethane	99	79.5-121		%REC	191434	1	05/21/2014 20:30	NP
Surr: Toluene-d8	94.3	77-117		%REC	191434	1	05/21/2014 20:30	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: Environmental Planning Specialists, Inc.	Client Sample ID: FIELD BLANK
Project Name: TLC Cleaners	Collection Date: 5/19/2014 12:20:00 PM
Lab ID: 1405G77-007	Matrix: Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B					(SW5030B)			
1,1-Dichloroethene	BRL	5.0		ug/L	191434	1	05/21/2014 20:55	NP
cis-1,2-Dichloroethene	BRL	5.0		ug/L	191434	1	05/21/2014 20:55	NP
Tetrachloroethene	BRL	5.0		ug/L	191434	1	05/21/2014 20:55	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	191434	1	05/21/2014 20:55	NP
Trichloroethene	BRL	5.0		ug/L	191434	1	05/21/2014 20:55	NP
Vinyl chloride	BRL	2.0		ug/L	191434	1	05/21/2014 20:55	NP
Surr: 4-Bromofluorobenzene	93.1	66.2-120		%REC	191434	1	05/21/2014 20:55	NP
Surr: Dibromofluoromethane	102	79.5-121		%REC	191434	1	05/21/2014 20:55	NP
Surr: Toluene-d8	93.4	77-117		%REC	191434	1	05/21/2014 20:55	NP

Qualifiers:	* Value exceeds maximum contaminant level	E Estimated (value above quantitation range)
	BRL Below reporting limit	S Spike Recovery outside limits due to matrix
	H Holding times for preparation or analysis exceeded	Narr See case narrative
	N Analyte not NELAC certified	NC Not confirmed
	B Analyte detected in the associated method blank	< Less than Result value
	> Greater than Result value	J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client EPS

Work Order Number 1405677

Checklist completed by [Signature] Date 5/19/14

Carrier name: FedEx ___ UPS ___ Courier ___ Client / US Mail ___ Other ___

Shipping container/cooler in good condition? Yes / No ___ Not Present ___

Custody seals intact on shipping container/cooler? Yes ___ No ___ Not Present /

Custody seals intact on sample bottles? Yes ___ No ___ Not Present /

Container/Temp Blank temperature in compliance? (4°C±2)* Yes / No ___

Cooler #1 3.1 Cooler #2 ___ Cooler #3 ___ Cooler #4 ___ Cooler#5 ___ Cooler #6 ___

Chain of custody present? Yes / No ___

Chain of custody signed when relinquished and received? Yes / No ___

Chain of custody agrees with sample labels? Yes / No ___

Samples in proper container/bottle? Yes / No ___

Sample containers intact? Yes / No ___

Sufficient sample volume for indicated test? Yes / No ___

All samples received within holding time? Yes / No ___

Was TAT marked on the COC? Yes / No ___

Proceed with Standard TAT as per project history? Yes ___ No ___ Not Applicable /

Water - VOA vials have zero headspace? No VOA vials submitted ___ Yes / No ___

Water - pH acceptable upon receipt? Yes / No ___ Not Applicable ___

Adjusted? ___ Checked by ___

Sample Condition: Good / Other(Explain) ___

(For diffusive samples or AIHA lead) Is a known blank included? Yes ___ No /

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1405G77

ANALYTICAL QC SUMMARY REPORT

BatchID: 191431

Sample ID: MB-191431	Client ID:	Units: mg/Kg	Prep Date: 05/21/2014	Run No: 268152							
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 191431	Analysis Date: 05/21/2014	Seq No: 5657655							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	BRL	0.0050									
cis-1,2-Dichloroethene	BRL	0.0050									
Tetrachloroethene	BRL	0.0050									
trans-1,2-Dichloroethene	BRL	0.0050									
Trichloroethene	BRL	0.0050									
Vinyl chloride	BRL	0.010									
Surr: 4-Bromofluorobenzene	0.04649	0	0.0500		93.0	70	128				
Surr: Dibromofluoromethane	0.04795	0	0.0500		95.9	78.2	128				
Surr: Toluene-d8	0.04682	0	0.0500		93.6	76.5	116				

Sample ID: LCS-191431	Client ID:	Units: mg/Kg	Prep Date: 05/21/2014	Run No: 268152							
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 191431	Analysis Date: 05/21/2014	Seq No: 5657656							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	0.04525	0.0050	0.0500		90.5	69.9	145				
Trichloroethene	0.05396	0.0050	0.0500		108	71.7	136				
Surr: 4-Bromofluorobenzene	0.04933	0	0.0500		98.7	70	128				
Surr: Dibromofluoromethane	0.04866	0	0.0500		97.3	78.2	128				
Surr: Toluene-d8	0.04954	0	0.0500		99.1	76.5	116				

Sample ID: 1405G46-001AMS	Client ID:	Units: mg/Kg-dry	Prep Date: 05/21/2014	Run No: 268152							
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 191431	Analysis Date: 05/21/2014	Seq No: 5657659							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	0.06653	0.0070	0.0697		95.5	56.6	151				
Trichloroethene	0.08540	0.0070	0.0697		123	70.1	137				
Surr: 4-Bromofluorobenzene	0.06742	0	0.0697		96.8	70	128				
Surr: Dibromofluoromethane	0.06815	0	0.0697		97.8	78.2	128				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1405G77

ANALYTICAL QC SUMMARY REPORT

BatchID: 191431

Sample ID: 1405G46-001AMS	Client ID:	Units: mg/Kg-dry	Prep Date: 05/21/2014	Run No: 268152							
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 191431	Analysis Date: 05/21/2014	Seq No: 5657659							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Surr: Toluene-d8 0.06601 0 0.0697 94.8 76.5 116

Sample ID: 1405G46-001AMSD	Client ID:	Units: mg/Kg-dry	Prep Date: 05/21/2014	Run No: 268152							
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 191431	Analysis Date: 05/21/2014	Seq No: 5657662							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	0.06307	0.0070	0.0697		90.5	56.6	151	0.06653	5.33	20.4	
Trichloroethene	0.07798	0.0070	0.0697		112	70.1	137	0.08540	9.07	17	
Surr: 4-Bromofluorobenzene	0.06703	0	0.0697		96.2	70	128	0.06742	0	0	
Surr: Dibromofluoromethane	0.06590	0	0.0697		94.6	78.2	128	0.06815	0	0	
Surr: Toluene-d8	0.06369	0	0.0697		91.4	76.5	116	0.06601	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1405G77

ANALYTICAL QC SUMMARY REPORT

BatchID: 191434

Sample ID: MB-191434	Client ID:	Units: ug/L	Prep Date: 05/21/2014	Run No: 268155							
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 191434	Analysis Date: 05/21/2014	Seq No: 5655239							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	BRL	5.0									
cis-1,2-Dichloroethene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
Trichloroethene	BRL	5.0									
Vinyl chloride	BRL	2.0									
Surr: 4-Bromofluorobenzene	46.31	0	50.00		92.6	66.2	120				
Surr: Dibromofluoromethane	50.88	0	50.00		102	79.5	121				
Surr: Toluene-d8	48.25	0	50.00		96.5	77	117				

Sample ID: LCS-191434	Client ID:	Units: ug/L	Prep Date: 05/21/2014	Run No: 268155							
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 191434	Analysis Date: 05/21/2014	Seq No: 5655238							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	55.45	5.0	50.00		111	63.1	140				
Trichloroethene	54.78	5.0	50.00		110	71.2	135				
Surr: 4-Bromofluorobenzene	50.47	0	50.00		101	66.2	120				
Surr: Dibromofluoromethane	49.17	0	50.00		98.3	79.5	121				
Surr: Toluene-d8	48.22	0	50.00		96.4	77	117				

Sample ID: 1405G77-004AMS	Client ID: 14139-GRITTRAP	Units: ug/L	Prep Date: 05/21/2014	Run No: 268155							
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 191434	Analysis Date: 05/21/2014	Seq No: 5655246							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	2889	250	2500		116	60.2	159				
Trichloroethene	2760	250	2500		110	70.1	144				
Surr: 4-Bromofluorobenzene	2592	0	2500		104	66.2	120				
Surr: Dibromofluoromethane	2517	0	2500		101	79.5	121				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1405G77

ANALYTICAL QC SUMMARY REPORT

BatchID: 191434

Sample ID: 1405G77-004AMS	Client ID: 14139-GRITTRAP	Units: ug/L	Prep Date: 05/21/2014	Run No: 268155							
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 191434	Analysis Date: 05/21/2014	Seq No: 5655246							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Surr: Toluene-d8 2434 0 2500 97.4 77 117

Sample ID: 1405G77-004AMSD	Client ID: 14139-GRITTRAP	Units: ug/L	Prep Date: 05/21/2014	Run No: 268155							
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 191434	Analysis Date: 05/21/2014	Seq No: 5655248							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	2730	250	2500		109	60.2	159	2889	5.64	19.2	
Trichloroethene	2714	250	2500		109	70.1	144	2760	1.68	20	
Surr: 4-Bromofluorobenzene	2538	0	2500		102	66.2	120	2592	0	0	
Surr: Dibromofluoromethane	2538	0	2500		102	79.5	121	2517	0	0	
Surr: Toluene-d8	2378	0	2500		95.1	77	117	2434	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1405G77

ANALYTICAL QC SUMMARY REPORT

BatchID: 191448

Sample ID: MB-191448	Client ID:	Units: mg/L	Prep Date: 05/22/2014	Run No: 268231							
SampleType: MBLK	TestCode: ICP METALS, TCLP SW1311/6010C	BatchID: 191448	Analysis Date: 05/22/2014	Seq No: 5657119							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	BRL	0.250									
Barium	BRL	0.500									
Cadmium	BRL	0.0250									
Chromium	BRL	0.0500									
Lead	BRL	0.0500									
Selenium	BRL	0.100									
Silver	BRL	0.0250									

Sample ID: MB-191448-2	Client ID:	Units: mg/L	Prep Date: 05/22/2014	Run No: 268231							
SampleType: MBLK	TestCode: ICP METALS, TCLP SW1311/6010C	BatchID: 191448	Analysis Date: 05/22/2014	Seq No: 5657122							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	BRL	0.250									
Barium	BRL	0.500									
Cadmium	BRL	0.0250									
Chromium	BRL	0.0500									
Lead	BRL	0.0500									
Selenium	BRL	0.100									
Silver	BRL	0.0250									

Sample ID: LCS-191448	Client ID:	Units: mg/L	Prep Date: 05/22/2014	Run No: 268231							
SampleType: LCS	TestCode: ICP METALS, TCLP SW1311/6010C	BatchID: 191448	Analysis Date: 05/22/2014	Seq No: 5657114							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	5.028	0.250	5.000		101	85	115				
Barium	4.754	0.500	5.000	0.009193	94.9	80	120				
Cadmium	4.851	0.0250	5.000		97.0	85	115				
Chromium	4.858	0.0500	5.000		97.2	85	115				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1405G77

ANALYTICAL QC SUMMARY REPORT

BatchID: 191448

Sample ID: LCS-191448	Client ID:	Units: mg/L	Prep Date: 05/22/2014	Run No: 268231							
SampleType: LCS	TestCode: ICP METALS, TCLP SW1311/6010C	BatchID: 191448	Analysis Date: 05/22/2014	Seq No: 5657114							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead	4.715	0.0500	5.000		94.3	85	115				
Selenium	5.128	0.100	5.000		103	85	115				
Silver	0.4685	0.0250	0.5000		93.7	85	115				

Sample ID: 1405H55-001AMS	Client ID:	Units: mg/L	Prep Date: 05/22/2014	Run No: 268231							
SampleType: MS	TestCode: ICP METALS, TCLP SW1311/6010C	BatchID: 191448	Analysis Date: 05/22/2014	Seq No: 5657129							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	4.937	0.250	5.000		98.7	50	150				
Barium	8.231	0.500	5.000	7.571	13.2	50	150				S
Cadmium	4.775	0.0250	5.000	0.04580	94.6	50	150				
Chromium	4.729	0.0500	5.000		94.6	50	150				
Lead	9.783	0.0500	5.000	11.00	-24.3	50	150				S
Selenium	4.970	0.100	5.000		99.4	50	150				
Silver	0.4596	0.0250	0.5000		91.9	50	150				

Sample ID: 1405H55-001AMSD	Client ID:	Units: mg/L	Prep Date: 05/22/2014	Run No: 268231							
SampleType: MSD	TestCode: ICP METALS, TCLP SW1311/6010C	BatchID: 191448	Analysis Date: 05/22/2014	Seq No: 5657136							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	5.011	0.250	5.000		100	50	150	4.937	1.49	30	
Barium	8.369	0.500	5.000	7.571	16.0	50	150	8.231	1.66	30	S
Cadmium	4.844	0.0250	5.000	0.04580	96.0	50	150	4.775	1.43	30	
Chromium	4.776	0.0500	5.000		95.5	50	150	4.729	1.01	30	
Lead	9.985	0.0500	5.000	11.00	-20.2	50	150	9.783	2.04	30	S
Selenium	5.114	0.100	5.000		102	50	150	4.970	2.85	30	
Silver	0.4655	0.0250	0.5000		93.1	50	150	0.4596	1.28	30	

Qualifiers: > Greater than Result value < Less than Result value B Analyte detected in the associated method blank
 BRL Below reporting limit E Estimated (value above quantitation range) H Holding times for preparation or analysis exceeded
 J Estimated value detected below Reporting Limit N Analyte not NELAC certified R RPD outside limits due to matrix
 Rpt Lim Reporting Limit S Spike Recovery outside limits due to matrix

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1405G77

ANALYTICAL QC SUMMARY REPORT

BatchID: 191450

Sample ID: MB-191450	Client ID:	Units: mg/L	Prep Date: 05/22/2014	Run No: 268175							
SampleType: MBLK	TestCode: MERCURY, TCLP SW1311/7470A	BatchID: 191450	Analysis Date: 05/22/2014	Seq No: 5656702							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury BRL 0.00400

Sample ID: LCS-191450	Client ID:	Units: mg/L	Prep Date: 05/22/2014	Run No: 268175							
SampleType: LCS	TestCode: MERCURY, TCLP SW1311/7470A	BatchID: 191450	Analysis Date: 05/22/2014	Seq No: 5656706							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury 0.04403 0.00400 0.0400 110 85 115

Sample ID: 1405J10-001BMS	Client ID:	Units: mg/L	Prep Date: 05/22/2014	Run No: 268175							
SampleType: MS	TestCode: MERCURY, TCLP SW1311/7470A	BatchID: 191450	Analysis Date: 05/22/2014	Seq No: 5656713							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury 0.04747 0.00400 0.0400 119 80 120

Sample ID: 1405J10-001BMSD	Client ID:	Units: mg/L	Prep Date: 05/22/2014	Run No: 268175							
SampleType: MSD	TestCode: MERCURY, TCLP SW1311/7470A	BatchID: 191450	Analysis Date: 05/22/2014	Seq No: 5656717							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury 0.04760 0.00400 0.0400 119 80 120 0.04747 0.263 20

Qualifiers: > Greater than Result value < Less than Result value B Analyte detected in the associated method blank
 BRL Below reporting limit E Estimated (value above quantitation range) H Holding times for preparation or analysis exceeded
 J Estimated value detected below Reporting Limit N Analyte not NELAC certified R RPD outside limits due to matrix
 Rpt Lim Reporting Limit S Spike Recovery outside limits due to matrix

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1405G77

ANALYTICAL QC SUMMARY REPORT

BatchID: 191530

Sample ID: MB-191530	Client ID:	Units: mg/L	Prep Date: 05/23/2014	Run No: 268320							
SampleType: MBLK	TestCode: VOLATILES, TCLP SW1311/8260B	BatchID: 191530	Analysis Date: 05/23/2014	Seq No: 5659387							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	BRL	0.10									
1,2-Dichloroethane	BRL	0.10									
2-Butanone	BRL	0.20									
Benzene	BRL	0.10									
Carbon tetrachloride	BRL	0.10									
Chlorobenzene	BRL	0.10									
Chloroform	BRL	0.10									
Tetrachloroethene	BRL	0.10									
Trichloroethene	BRL	0.10									
Vinyl chloride	BRL	0.040									
Surr: 4-Bromofluorobenzene	0.9182	0	1.000		91.8	67.9	128				
Surr: Dibromofluoromethane	0.9644	0	1.000		96.4	77.2	124				
Surr: Toluene-d8	0.9504	0	1.000		95.0	71.6	127				

Sample ID: LCS-191530	Client ID:	Units: mg/L	Prep Date: 05/23/2014	Run No: 268320							
SampleType: LCS	TestCode: VOLATILES, TCLP SW1311/8260B	BatchID: 191530	Analysis Date: 05/23/2014	Seq No: 5659425							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	1.078	0.10	1.000		108	62.3	141				
1,2-Dichloroethane	0.9920	0.10	1.000		99.2	74.1	127				
2-Butanone	2.586	0.20	2.000		129	45.5	137				
Benzene	1.068	0.10	1.000		107	73.5	125				
Carbon tetrachloride	1.015	0.10	1.000		102	55.1	144				
Chlorobenzene	1.042	0.10	1.000		104	75.4	122				
Chloroform	1.022	0.10	1.000		102	68.2	127				
Tetrachloroethene	1.116	0.10	1.000		112	70.3	132				
Trichloroethene	1.096	0.10	1.000		110	70.5	128				
Vinyl chloride	0.9480	0.040	1.000		94.8	54.9	143				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1405G77

ANALYTICAL QC SUMMARY REPORT

BatchID: 191530

Sample ID: LCS-191530	Client ID:	Units: mg/L	Prep Date: 05/23/2014	Run No: 268320							
SampleType: LCS	TestCode: VOLATILES, TCLP SW1311/8260B	BatchID: 191530	Analysis Date: 05/23/2014	Seq No: 5659425							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Surr: 4-Bromofluorobenzene	1.002	0	1.000		100	67.9	128				
Surr: Dibromofluoromethane	1.010	0	1.000		101	77.2	124				
Surr: Toluene-d8	0.9980	0	1.000		99.8	71.6	127				

Sample ID: 1405G77-005BMS	Client ID: 14139-DRUMSO	Units: mg/L	Prep Date: 05/23/2014	Run No: 268320							
SampleType: MS	TestCode: VOLATILES, TCLP SW1311/8260B	BatchID: 191530	Analysis Date: 05/23/2014	Seq No: 5660452							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	1.206	0.10	1.000		121	62.3	154				
1,2-Dichloroethane	1.022	0.10	1.000		102	65.8	132				
2-Butanone	2.938	0.20	2.000		147	44.2	148				
Benzene	1.134	0.10	1.000		113	72.6	133				
Carbon tetrachloride	1.058	0.10	1.000		106	53.7	151				
Chlorobenzene	1.132	0.10	1.000		113	72	130				
Chloroform	1.102	0.10	1.000		110	63.2	137				
Tetrachloroethene	1.196	0.10	1.000		120	71.9	140				
Trichloroethene	1.186	0.10	1.000		119	68.3	146				
Vinyl chloride	0.9336	0.040	1.000		93.4	54.5	151				
Surr: 4-Bromofluorobenzene	1.026	0	1.000		103	67.9	128				
Surr: Dibromofluoromethane	0.9576	0	1.000		95.8	77.2	124				
Surr: Toluene-d8	0.9742	0	1.000		97.4	71.6	127				

Sample ID: 1405G77-005BDUP	Client ID: 14139-DRUMSO	Units: mg/L	Prep Date: 05/23/2014	Run No: 268320							
SampleType: DUP	TestCode: VOLATILES, TCLP SW1311/8260B	BatchID: 191530	Analysis Date: 05/23/2014	Seq No: 5660327							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	BRL	0.10						0	0	30	
1,2-Dichloroethane	BRL	0.10						0	0	30	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TLC Cleaners
Workorder: 1405G77

ANALYTICAL QC SUMMARY REPORT

BatchID: 191530

Sample ID: 1405G77-005BDUP	Client ID: 14139-DRUMSO	Units: mg/L	Prep Date: 05/23/2014	Run No: 268320							
SampleType: DUP	TestCode: VOLATILES, TCLP SW1311/8260B	BatchID: 191530	Analysis Date: 05/23/2014	Seq No: 5660327							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

2-Butanone	BRL	0.20						0	0	30	
Benzene	BRL	0.10						0	0	30	
Carbon tetrachloride	BRL	0.10						0	0	30	
Chlorobenzene	BRL	0.10						0	0	30	
Chloroform	BRL	0.10						0	0	30	
Tetrachloroethene	BRL	0.10						0	0	30	
Trichloroethene	BRL	0.10						0	0	30	
Vinyl chloride	BRL	0.040						0	0	30	
Surr: 4-Bromofluorobenzene	0.9204	0	1.000		92.0	67.9	128	0.9466	0	0	
Surr: Dibromofluoromethane	0.9710	0	1.000		97.1	77.2	124	0.9968	0	0	
Surr: Toluene-d8	0.9492	0	1.000		94.9	71.6	127	0.9462	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		



May 22, 2014

Justin Vickery
Environmental Planning Specialists, Inc.
1050 Crown Pointe Parkway
Atlanta GA 30338

TEL: (404) 315-9113
FAX: (404) 315-8509

RE: TCL Cleaners

Dear Justin Vickery:

Order No: 1405157

Analytical Environmental Services, Inc. received 2 samples on 5/21/2014 9:45:00 AM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.

AES' certifications are as follows:

- NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/13-06/30/14.
- AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/15.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

James Forrest
Project Manager

Analytical Environmental Services, Inc

Date: 22-May-14

Client: Environmental Planning Specialists, Inc.	Client Sample ID: 14141-MW-1
Project Name: TCL Cleaners	Collection Date: 5/21/2014 8:57:00 AM
Lab ID: 1405157-001	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B					(SW5030B)			
1,1-Dichloroethene	BRL	5.0		ug/L	191386	1	05/22/2014 01:33	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	191386	1	05/22/2014 01:33	GK
Tetrachloroethene	43	5.0		ug/L	191386	1	05/22/2014 01:33	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	191386	1	05/22/2014 01:33	GK
Trichloroethene	BRL	5.0		ug/L	191386	1	05/22/2014 01:33	GK
Vinyl chloride	BRL	2.0		ug/L	191386	1	05/22/2014 01:33	GK
Surr: 4-Bromofluorobenzene	88.6	66.2-120		%REC	191386	1	05/22/2014 01:33	GK
Surr: Dibromofluoromethane	96	79.5-121		%REC	191386	1	05/22/2014 01:33	GK
Surr: Toluene-d8	98.5	77-117		%REC	191386	1	05/22/2014 01:33	GK

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: Environmental Planning Specialists, Inc.	Client Sample ID: TRIP BLANK
Project Name: TCL Cleaners	Collection Date: 5/20/2014
Lab ID: 1405157-002	Matrix: Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1-Dichloroethene	BRL	5.0		ug/L	191386	1	05/22/2014 00:13	GK
cis-1,2-Dichloroethene	BRL	5.0		ug/L	191386	1	05/22/2014 00:13	GK
Tetrachloroethene	BRL	5.0		ug/L	191386	1	05/22/2014 00:13	GK
trans-1,2-Dichloroethene	BRL	5.0		ug/L	191386	1	05/22/2014 00:13	GK
Trichloroethene	BRL	5.0		ug/L	191386	1	05/22/2014 00:13	GK
Vinyl chloride	BRL	2.0		ug/L	191386	1	05/22/2014 00:13	GK
Surr: 4-Bromofluorobenzene	90	66.2-120		%REC	191386	1	05/22/2014 00:13	GK
Surr: Dibromofluoromethane	95.6	79.5-121		%REC	191386	1	05/22/2014 00:13	GK
Surr: Toluene-d8	98.8	77-117		%REC	191386	1	05/22/2014 00:13	GK

Qualifiers:	* Value exceeds maximum contaminant level	E Estimated (value above quantitation range)
	BRL Below reporting limit	S Spike Recovery outside limits due to matrix
	H Holding times for preparation or analysis exceeded	Narr See case narrative
	N Analyte not NELAC certified	NC Not confirmed
	B Analyte detected in the associated method blank	< Less than Result value
	> Greater than Result value	J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client EPS

Work Order Number 1405157

Checklist completed by *Jason B* 5/21/14
Signature Date

Carrier name: FedEx UPS Courier Client US Mail Other

Shipping container/cooler in good condition? Yes No Not Present

Custody seals intact on shipping container/cooler? Yes No Not Present

Custody seals intact on sample bottles? Yes No Not Present

Container/Temp Blank temperature in compliance? (4°C±2)* Yes No

Cooler #1 3.1 Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler #5 _____ Cooler #6 _____

Chain of custody present? Yes No

Chain of custody signed when relinquished and received? Yes No

Chain of custody agrees with sample labels? Yes No

Samples in proper container/bottle? Yes No

Sample containers intact? Yes No

Sufficient sample volume for indicated test? Yes No

All samples received within holding time? Yes No

Was TAT marked on the COC? Yes No

Proceed with Standard TAT as per project history? Yes No Not Applicable

Water - VOA vials have zero headspace? No VOA vials submitted Yes No

Water - pH acceptable upon receipt? Yes No Not Applicable

Adjusted? _____ Checked by _____

Sample Condition: Good Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes No

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

Client: Environmental Planning Specialists, Inc.
Project Name: TCL Cleaners
Workorder: 1405157

ANALYTICAL QC SUMMARY REPORT

BatchID: 191386

Sample ID: MB-191386	Client ID:	Units: ug/L	Prep Date: 05/20/2014	Run No: 268068							
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 191386	Analysis Date: 05/20/2014	Seq No: 5653635							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	BRL	5.0									
cis-1,2-Dichloroethene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
Trichloroethene	BRL	5.0									
Vinyl chloride	BRL	2.0									
Surr: 4-Bromofluorobenzene	44.53	0	50.00		89.1	66.2	120				
Surr: Dibromofluoromethane	47.41	0	50.00		94.8	79.5	121				
Surr: Toluene-d8	48.37	0	50.00		96.7	77	117				

Sample ID: LCS-191386	Client ID:	Units: ug/L	Prep Date: 05/20/2014	Run No: 268068							
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 191386	Analysis Date: 05/20/2014	Seq No: 5653634							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	43.54	5.0	50.00		87.1	63.1	140				
Trichloroethene	57.91	5.0	50.00		116	71.2	135				
Surr: 4-Bromofluorobenzene	47.52	0	50.00		95.0	66.2	120				
Surr: Dibromofluoromethane	48.72	0	50.00		97.4	79.5	121				
Surr: Toluene-d8	49.62	0	50.00		99.2	77	117				

Sample ID: 1405F00-001AMS	Client ID:	Units: ug/L	Prep Date: 05/20/2014	Run No: 268068							
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 191386	Analysis Date: 05/21/2014	Seq No: 5653637							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	40.26	5.0	50.00		80.5	60.2	159				
Trichloroethene	54.24	5.0	50.00		108	70.1	144				
Surr: 4-Bromofluorobenzene	47.06	0	50.00		94.1	66.2	120				
Surr: Dibromofluoromethane	49.20	0	50.00		98.4	79.5	121				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: TCL Cleaners
Workorder: 1405157

ANALYTICAL QC SUMMARY REPORT

BatchID: 191386

Sample ID: 1405F00-001AMS	Client ID:	Units: ug/L	Prep Date: 05/20/2014	Run No: 268068							
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 191386	Analysis Date: 05/21/2014	Seq No: 5653637							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Surr: Toluene-d8 48.70 0 50.00 97.4 77 117

Sample ID: 1405F00-001AMSD	Client ID:	Units: ug/L	Prep Date: 05/20/2014	Run No: 268068							
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 191386	Analysis Date: 05/21/2014	Seq No: 5653638							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	40.48	5.0	50.00	81.0	60.2	159	40.26	0.545	19.2
Trichloroethene	55.17	5.0	50.00	110	70.1	144	54.24	1.70	20
Surr: 4-Bromofluorobenzene	47.01	0	50.00	94.0	66.2	120	47.06	0	0
Surr: Dibromofluoromethane	50.09	0	50.00	100	79.5	121	49.20	0	0
Surr: Toluene-d8	49.21	0	50.00	98.4	77	117	48.70	0	0

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

APPENDIX J

RISK REDUCTION STANDARDS

Table 1. Georgia Specific Values

Parameter	CAS	NC (mg/kg)	Table 2 Soil (mg/kg)	Table 1 GW (mg/L)	GA MCL (mg/L)
Chloroform	67-66-3	0.68		0.08	
cis-1,2-Dichloroethene	156-59-2	0.53		0.07	0.07
Tetrachloroethene	127-18-4	0.18		0.005	0.005
Toluene	108-88-3	14.4		1	1
Xylenes	1330-20-7	20			10

Table 2. Physical-Chemical Parameters

Analyte	CAS	Organic Carbon Partition Coefficient (K _{oc}) (cm ³ /g)	Diffusivity in air (D _a) (cm ² /s)	Henry's Law Constant (H') (unitless)	Henry's Law Constant at reference temperature of 25C (H) (atm·m ³ /mol)	Volatile	Dei = Da x E ^{0.33}	Kd* = Koc x OC	Kas = (H/Kd) x 41	α cm ² /s	VF m ³ /kg
Chloroform	67-66-3	31.82 EPI	0.0769197 WATER9	0.1500409	0.00367 EPI	V	0.054397637	0.6364	0.236439346	0.002493616	2755.65166
cis-1,2-Dichloroethene	156-59-2	39.6 EPI	0.0884088 WATER9	0.1668029	0.00408 EPI	V	0.062522733	0.792	0.211212121	0.002572859	2726.217452
Tetrachloroethene	127-18-4	94.94 EPI	0.0504664 WATER9	0.7236304	0.0177 EPI	V	0.035689855	1.8988	0.382188751	0.002571879	2638.832893
Toluene	108-88-3	233.9 EPI	0.0778053 WATER9	0.2714636	0.00664 EPI	V	0.055023934	4.678	0.05819581	0.000643053	5620.686329
Xylenes	1330-20-7	382.9 EPI	0.0847395 WATER9	0.2117743	0.00518 EPI	V	0.059927802	7.658	0.02773309	0.000335811	7825.826156

* Kd values fo metals are taken from SSG assuming a pH of 6.8

SSG -EPA Soil Screening Guidance - Values are calculated values unless otherwise indicated as measured.

ORNL RAIS - Oak Ridge National Laboratory Risk Assessment Information System

EPI Suite -EPI (Estimation Programs Interface) Suite™

Calculated - from H' - Where H' =H*41

VF (m³/kg) =

$$\frac{(LS \times V \times DH)}{A} \times \frac{(\pi \times \alpha \times T)^{1/2}}{(2 \times D_{ei} \times E \times K_{as} \times 10^{-3} \text{ kg/g})}$$

LS =

45 m

length of side of contaminated area

V =

2.25 m/s

wind speed in mixing zone

DH =

2 m

diffusion height

A =

2E+07 cm²

area of contamination

π =

3.14

$$\alpha = \frac{(D_{ei} \times E)}{E + \rho_s(1-E)/K_{as}} \text{ cm}^2/\text{s}$$

$$D_{ei} = D_i \times E^{0.33} \text{ cm}^2/\text{s} \text{ effective diffusivity}$$

Chemica

$$D_i = \text{I specific molecular diffusivity (cm}^2/\text{s)}$$

$$E = 0.35 \text{ total soil porosity}$$

$$\rho_s = 2.65 \text{ g/m}^3 \text{ density of soil solids}$$

$$K_{as} = (H/Kd) \times 41 \text{ soil/air partition coefficient (g soil/cm}^3 \text{ air)}$$

Chemica

$$H = \text{I specific Henry's law constant (atm}\cdot\text{m}^3/\text{mol)}$$

$$Kd = Koc \times OC \text{ soil-water partition coefficient}$$

Chemica

$$Koc = \text{I specific organic carbon partition coefficient}$$

$$OC = 0.02 \text{ soil organic carbon content fraction}$$

$$T = 790000000 \text{ s exposure interval}$$

Table 3. Toxicity Factors

Analyte	CAS	NonCancer Toxicity Values			Cancer Toxicity Values			
		Oral RfD	Inhalation RFC	Inhalation RfD	Oral CSF	Inhalation Unit Risk	Inhalation CSF	Cancer Class
		mg/kg-day	mg/m3	mg/kg-day	per mg/kg-day	per ug/m3	per mg/kg-day	
Chloroform	67-66-3	1.00E-02	9.80E-02	2.80E-02	3.10E-02	2.30E-05	8.05E-02	B2
cis-1,2-Dichloroethene	156-59-2	2.00E-03						
Tetrachloroethene	127-18-4	6.00E-03	4.00E-02	1.14E-02	2.10E-03	2.60E-07	9.10E-04	B
Toluene	108-88-3	8.00E-02	5.00E+00	1.43E+00				
Xylenes	1330-20-7	2.00E-01	1.00E-01	2.86E-02				

Values are from the EPA Regional Screening Level Summary Table (May 2014)

Table 4. Groundwater Risk Calculations

Analyte	CAS	Volatile?	Oral CSF	Inhalation CSF	RAGS Eqn. 1								
					Adult			Child			Worker		
					Ingestion	Inhalation	Total	Ingestion	Inhalation	Total	Ingestion	Inhalation	Total
					mg/kg-day	per mg/kg-day	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Chloroform	67-66-3	V	3.10E-02	8.05E-02	2.7E-02	2.8E-03	2.6E-03	5.9E-02	3.0E-03	2.9E-03	9.2E-02	3.6E-03	3.4E-03
cis-1,2-Dichloroethene	156-59-2	V											
Tetrachloroethene	127-18-4	V	2.10E-03	9.10E-04	4.1E-01	2.5E-01	1.5E-01	8.7E-01	2.7E-01	2.0E-01	1.4E+00	3.1E-01	2.6E-01
Toluene	108-88-3	V											
Xylenes	1330-20-7	V											

$$\text{Ingestion/Oral C (mg/kg)} = \frac{\text{TR} \times \text{BW} \times \text{AT}}{\text{EF} \times \text{ED} \times (\text{SFo} \times \text{IRw})}$$

$$\text{Inhalation C (mg/kg)} = \frac{\text{TR} \times \text{BW} \times \text{AT}}{\text{EF} \times \text{ED} \times (\text{SFi} \times \text{K} \times \text{IRa})}$$

Note: Inhalation pathway not calculated if not volatile

$$\text{RAGS Eqn 1} = \frac{\text{TR} \times \text{BW} \times \text{AT}}{\text{EF} \times \text{ED} \times [(\text{SFo} \times \text{IRw}) + (\text{SFi} \times \text{K} \times \text{IRa})]}$$

Parameter		Adult		Child		Worker	
		Value	Source	Value	Source	Value	Source
Body Weight, Adult (kg)	BW	70	1	15	2	70	1
Exposure Frequency, Resident Adult (d/yr)	EF	350	1	350	1	250	1
Exposure Duration, Resident Adult (yr)	ED	30	1	6	2	25	1
Soil Ingestion, Resident Adult (mg/d)	IRs	114	1	200	2	50	1
Water ingestion, Resident Adult (L/d)	IRw	2	1	1	1	1	1
Inhalation Rate, Resident Adult (m ³ /d)	IRa	15	1	15	2	20	1
Averaging Time, Cancer, Adult (d)	AT	25550	1	25550	1	25550	1
Target Risk	TR	1E-05	1	1E-05	1	1E-05	1
Water-to-air volatilization factor (L/m ³)	K	0.5	1	0.5	1	0.5	1
Particulate Emission Factor (m ³ /kg)	PEF	4630000000	1	4630000000	1	4630000000	1

Notes:

Source 1 - GaEPD Reg 391-3-19 Appendix III, Table 3

Source 2 - HSRA Guidance <http://www.georgiaepd.org/Documents/hsraguideCSR.html>

Table 5. Groundwater Hazard Calculations

Analyte	CAS	Volatile?	Oral RfD	Inhalation RfD	RAGS Eqn. 2								
					Adult			Child			Worker		
					Ingestion	Inhalation	Total	Ingestion	Inhalation	Total	Ingestion	Inhalation	Total
					mg/kg-day	mg/kg-day	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Chloroform	67-66-3	V	1.00E-02	2.80E-02	3.7E-01	2.7E-01	1.6E-01	1.6E-01	5.8E-02	4.3E-02	1.0E+00	2.9E-01	2.2E-01
cis-1,2-Dichloroethene	156-59-2	V	2.00E-03		7.3E-02		7.3E-02	3.1E-02		3.1E-02	2.0E-01		2.0E-01
Tetrachloroethene	127-18-4	V	6.00E-03	1.14E-02	2.2E-01	1.1E-01	7.4E-02	9.4E-02	2.4E-02	1.9E-02	6.1E-01	1.2E-01	9.8E-02
Toluene	108-88-3	V	8.00E-02	1.43E+00	2.9E+00	1.4E+01	2.4E+00	1.3E+00	3.0E+00	8.8E-01	8.2E+00	1.5E+01	5.2E+00
Xylenes	1330-20-7	V	2.00E-01	2.86E-02	7.3E+00	2.8E-01	2.7E-01	3.1E+00	6.0E-02	5.8E-02	2.0E+01	2.9E-01	2.9E-01

Lead GSL based on Appendix III concentration

$$\text{Ingestion/Oral C (mg/kg)} = \frac{\text{THI} \times \text{BW} \times \text{AT}}{\text{EF} \times \text{ED} \times (1/\text{RfDo} \times \text{IRw})}$$

$$\text{Inhalation C (mg/kg)} = \frac{\text{THI} \times \text{BW} \times \text{AT}}{\text{EF} \times \text{ED} \times (1/\text{RfDi} \times \text{K} \times \text{IRa})}$$

Note: Inhalation pathway not calculated if not volatile

$$\text{RAGS Eqn 2} = \frac{\text{THI} \times \text{BW} \times \text{AT}}{\text{EF} \times \text{ED} \times [(1/\text{RfDo} \times \text{IRw}) + (1/\text{RfDi} \times \text{K} \times \text{IRa})]}$$

Parameter		Adult		Child		Worker	
		Value	Source	Value	Source	Value	Source
Body Weight, Adult (kg)	BW	70	1	15	2	70	1
Exposure Frequency, Resident Adult (d/yr)	EF	350	1	350	1	250	1
Exposure Duration, Resident Adult (yr)	ED	30	1	6	2	25	1
Soil Ingestion, Resident Adult (mg/d)	IRs	114	1	200	2	50	1
Water ingestion, Resident Adult (L/d)	IRw	2	1	1	1	1	1
Inhalation Rate, Resident Adult (m ³ /d)	IRa	15	1	15	2	20	1
Averaging Time, Noncancer, Adult (d)	AT	10950	1	2190	1	9125	1
Target hazard quotient	THQ	1	1	1	1	1	1
Water-to-air volatilization factor (L/m ³)	K	0.5	1	0.5	1	0.5	1
Particulate Emission Factor (m ³ /kg)	PEF	4630000000	1	4630000000	1	4630000000	1

Exposure Duration x 365 days

Notes:

Source 1 - GaEPD Reg 391-3-19 Appendix III, Table 3

Source 2 - HSRA Guidance <http://www.georgiaepd.org/Documents/hsraguideCSR.html>

Table 6. Soil Risk Calculations

Analyte	CAS	Volatile?	VF	Oral CSF per mg/kg-day	Inhalation CSF per mg/kg-day	RAGS Eqn. 6								
						Adult			Child			Worker		
						Ingestion	Inhalation	Total	Ingestion	Inhalation	Total	Ingestion	Inhalation	Total
						mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Tetrachloroethene	127-18-4	V	2638.833	2.10E-03	9.10E-04	7.1E+03	3.3E+02	3.1E+02	4.3E+03	3.5E+02	3.3E+02	2.7E+04	4.1E+02	4.1E+02
Toluene	108-88-3	V	5620.686											
Xylenes	1330-20-7	V	7825.826											

Notes:

Lead SSL based on IEUBK model

$$\text{Ingestion/Oral C (mg/kg)} = \frac{\text{TR} \times \text{BW} \times \text{AT}}{\text{EF} \times \text{ED} \times (\text{SFo} \times 10^{-6} \times \text{IRs})}$$

$$\text{Inhalation C (mg/kg)} = \frac{\text{TR} \times \text{BW} \times \text{AT}}{\text{EF} \times \text{ED} \times (\text{SFi} \times \text{IRa} \times (1/\text{VF} + 1/\text{PEF}))}$$

Note: VF not used if constituent is not volatile

$$\text{RAGS Eqn 7} = \frac{\text{TR} \times \text{BW} \times \text{AT}}{\text{EF} \times \text{ED} \times ((\text{SFo} \times 10^{-6} \times \text{IRs}) + (\text{SFi} \times \text{IRa} \times (1/\text{VF} + 1/\text{PEF})))}$$

Parameter		Adult		Child		Worker	
		Value	Source	Value	Source	Value	Source
Body Weight, Adult (kg)	BW	70	1	15	2	70	1
Exposure Frequency, Resident Adult (d/yr)	EF	350	1	350	1	250	1
Exposure Duration, Resident Adult (yr)	ED	30	1	6	2	25	1
Soil Ingestion, Resident Adult (mg/d)	IRs	114	1	200	2	50	1
Water ingestion, Resident Adult (L/d)	IRw	2	1	1	1	1	1
Inhalation Rate, Resident Adult (m ³ /d)	IRa	15	1	15	2	20	1
Averaging Time, Cancer, Adult (d)	AT	25550	1	25550	1	25550	1
Target Risk	TR	1.00E-05	1	1.00E-05	1	1.00E-05	1
Water-to-air volatilization factor (L/m ³)	K	0.5	1	0.5	1	0.5	1
Particulate Emission Factor (m ³ /kg)	PEF	4630000000	1	4630000000	1	4630000000	1

Notes:

Source 1 - GaEPD Reg 391-3-19 Appendix III, Table 3

Source 2 - HSRA Guidance <http://www.georgiaepd.org/Documents/hsraguideCSRRRS.html>

Table 7. Soil Hazard Calculations

Analyte	CAS	Volatile?	VF	Oral RfD	Inhalation RfD	RAGS Eqn. 7								
						Adult			Child			Worker		
						Ingestion	Inhalation	Total	Ingestion	Inhalation	Total	Ingestion	Inhalation	Total
						mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Tetrachloroethene	127-18-4	V	2638.833	6.00E-03	1.14E-02	3.8E+03	1.5E+02	1.4E+02	4.7E+02	3.1E+01	2.9E+01	1.2E+04	1.5E+02	1.5E+02
Toluene	108-88-3	V	5620.686	8.00E-02	1.43E+00	5.1E+04	3.9E+04	2.2E+04	6.3E+03	8.4E+03	3.6E+03	1.6E+05	4.1E+04	3.3E+04
Xylenes	1330-20-7	V	7825.826	2.00E-01	2.86E-02	1.3E+05	1.1E+03	1.1E+03	1.6E+04	2.3E+02	2.3E+02	4.1E+05	1.1E+03	1.1E+03

Notes:

Lead SSL based on IEUBK model

$$\text{Ingestion/Oral C (mg/kg)} = \frac{\text{THI} \times \text{BW} \times \text{AT}}{\text{EF} \times \text{ED} \times (1/\text{RfDo} \times 10^{-6} \times \text{IRs})}$$

$$\text{Inhalation C (mg/kg)} = \frac{\text{THI} \times \text{BW} \times \text{AT}}{\text{EF} \times \text{ED} \times (1/\text{RfDi} \times \text{IRa} \times (1/\text{VF} + 1/\text{PEF}))}$$

Note: VF not used if constituent is not volatile

$$\text{RAGS Eqn 7} = \frac{\text{THI} \times \text{BW} \times \text{AT}}{\text{EF} \times \text{ED} \times [(1/\text{RfDo} \times 10^{-6} \times \text{IRs}) + (1/\text{RfDi} \times \text{IRa} \times (1/\text{VF} + 1/\text{PEF}))]}$$

Parameter		Adult		Child		Worker	
		Value	Source	Value	Source	Value	Source
Body Weight, Adult (kg)	BW	70	1	15	2	70	1
Exposure Frequency, Resident Adult (d/yr)	EF	350	1	350	1	250	1
Exposure Duration, Resident Adult (yr)	ED	30	1	6	2	25	1
Soil Ingestion, Resident Adult (mg/d)	IRs	114	1	200	2	50	1
Water ingestion, Resident Adult (L/d)	IRw	2	1	1	1	1	1
Inhalation Rate, Resident Adult (m ³ /d)	IRa	15	1	15	2	20	1
Averaging Time, Noncancer, Adult (d)	AT	10950	1	2190	1	9125	1
Target hazard quotient	THQ	1.00E+00	1	1.00E+00	1	1.00E+00	1
Water-to-air volatilization factor (L/m ³)	K	0.5	1	0.5	1	0.5	1
Particulate Emission Factor (m ³ /kg)	PEF	4630000000	1	4630000000	1	4630000000	1

Exposure Duration x 365 days

Notes:

Source 1 - GaEPD Reg 391-3-19 Appendix III, Table 3

Source 2 - HSRA Guidance <http://www.georgiaepd.org/Documents/hsraguideCSRRRS.html>

Table 8. Groundwater Residential Risk Reduction Standards

Analyte	CAS	TYPE 1 GW RRS				TYPE 2 GW RRS								Residential GW RRS - higher of Type 1 and mg/L
		Rule 391-3-19-.07(6)(b) and Guidance: The lesser of Table 1 App III and GA MCL (or where NA, the higher of DL or Bkg)				Rule 391-3-19-.07(7)(b): The lesser of Items 1 and 2 (or where NA, the higher of Table 1 App III, background or DL)								
		Table 1, App III mg/L	GA MCL mg/L	Bkg* mg/L	Type 1 GW RRS mg/L	Item 1: RAGS Eqn 2 (NC)		Item 2: RAGS Eqn 1 (C)		Lesser of Items 1 and 2	Alternate, if NA		Type 2 GW RRS mg/L	
				Adult mg/L	Child mg/L	Adult mg/L	Child mg/L	Table 1, App III mg/L	Bkg* mg/L					
Chloroform	67-66-3	0.08			0.08	0.16	0.043	0.0026	0.0029	0.0026	0.08		0.0026	0.080
cis-1,2-Dichloroethene	156-59-2	0.07	0.07		0.07	0.073	0.031			0.031	0.07		0.031	0.070
Tetrachloroethene	127-18-4	0.005	0.005		0.005	0.074	0.019	0.15	0.20	0.019	0.005		0.019	0.019
Toluene	108-88-3	1	1		1	2.4	0.88			0.88	1		0.88	1
Xylenes	1330-20-7		10		10	0.27	0.058			0.058			0.058	10

Table 9. Groundwater Industrial Risk Reduction Standards

Analyte	CAS	TYPE 3 GW RRS	TYPE 4 GW RRS					Non-Residential RRS - higher of Type 3 and 4 mg/L	
		Rule 391-3-19-.07(8)(c) Same as Type 1 GW RRS mg/L	Rule 391-3-19-.07(9)(c): The lesser of Items 1 and 2 (or where NA, the higher of Table 1 App III, background and DL)						
			Item 1 RAGS Eqn 2 (NC) mg/L	Item 2 RAGS Eqn 1 (C) mg/L	Lesser of Items 1 and 2 mg/L	Alternate			Type 4 GW RRS mg/L
Table 1 App III mg/L	Bkg*								
Chloroform	67-66-3	0.08	0.22	0.0034	0.0034	0.08		0.0034	0.080
cis-1,2-Dichloroethene	156-59-2	0.07	0.20		0.20	0.07		0.20	0.20
Tetrachloroethene	127-18-4	0.005	0.10	0.26	0.10	0.005		0.10	0.10
Toluene	108-88-3	1	5.2		5.2	1		5.2	5.2
Xylenes	1330-20-7	10	0.29		0.29			0.29	10

Table 10. Protection of Groundwater Soil Screening Level Calculations

Analyte	CAS	Physical/Chemical Properties			Type 1/2 SSL			Type 4 SSL		
		Unitless Henry's Law (H') ^a	Organic Carbon Partitioning Coefficient (K _{oc}) (L/kg)	Soil-Water Partition Coefficient (K _d = K _{oc} * OC) (L/kg)	Residential GW RRS (Higher of Type 1 and 2) (mg/L)	Target Soil Leachate Concentration (C _w = GW RRS * DAF) (mg/L)	Type 1/2 SSL ^b (mg/kg)	Nonresidential GW RRS (Higher of Type 3 and 4) (mg/L)	Target Soil Leachate Concentration (C _w = GW RRS * DAF) (mg/L)	Type 4 SSL ^b (mg/kg)
Tetrachloroethene	127-18-4	0.72	95	0.19	0.019	0.38	0.17	0.098	2.0	0.89
Toluene	108-88-3	0.27	234	0.47	1	20	14	5.2	105	73
Xylenes	1330-20-7	0.21	383	0.77	10	200	197	10	200	197

Notes:

- DAF = 20
- OC (site specific organic carbon) = 0.2%
- n (porosity)^c = 0.43
- ps (soil particle den. kg/L)^c = 2.65
- 0w (water-filled soil por)^c = 0.3
- 0a (air-filled soil por)^c = n - 0w = 0.13
- pb (dry soil bulk den. kg/L)^c = 1.5

^aH is set to zero for metals, with the exception of mercury

^bequation 4-10, Supplemental SSG (USEPA 2002) (p. 4-28), $SSL = C_w * (K_d + ((0w + 0a * H') / pb))$

^cDefault Soil Screening Guidance Values

NA = No Appendix III Groundwater Concentration available; SSL cannot be calculated.

Table 11. Soil Residential Risk Reduction Standards

		TYPE 1 - SOIL											
		Rule 391-3-19-.07(6)(c): Table 2 Appendix III, or if not listed, the the least of Items 1-3 (and if not calculable the higher of background and DL)											
Analyte	CAS	Table 2 - Appendix III mg/kg	Item 1 of Rule 391-3-19-.07(6)(c): Higher of (i), (ii), (iii)				Item 2 RAGS Eqn. 7 (NC)	Item 3 RAGS Eqn. 6 (C)			Least of Items 1 - 3 mg/kg	Bkg** mg/kg	Type 1 Soil RRS mg/kg
			(i): Appendix I (NC) - exclude [] mg/kg	(ii): Table 1 GW x 100 factor mg/kg	(iii): TCLP* mg/kg	Higher of i - iii mg/kg	Adult mg/kg	Adult mg/kg	Carcin. Class	Adjusted Adult mg/kg			
Tetrachloroethene	127-18-4		0.18	0.5		0.5	141	315	B	315	0.50		0.50
Toluene	108-88-3		14.4	100		100	22168				100		100
Xylenes	1330-20-7		20			20	1079				20		20

		TYPE 2 - SOIL										Residential Soil RRS - higher of Type 1 and 2 mg/kg
		Rule 391-3-19-.07(7)(c): Least of Items 1-4 (and if not calculable, the higher of Table 2 Appendix III, background and DL)										
Analyte	CAS	Item 1 Type 1/2 SSL Protective mg/kg	Item 2 RAGS Eqn 7 (NC)		Item 3 RAGS Eqn 6 (C)		Item 4 IEUBK*** mg/kg	Least of Items 1 - 4 mg/kg	Alternate, if NA		Type 2 RRS mg/kg	
			Adult mg/kg	Child mg/kg	Adult mg/kg	Child mg/kg			Table 2, Appendix III mg/kg	Bkg ** mg/kg		
Tetrachloroethene	127-18-4	0.17	141	29	315	326		0.17			0.17	0.50
Toluene	108-88-3	14	22168	3581				14			14	100
Xylenes	1330-20-7	196.94	1079	230				197			197	197

* NA - TCLP results not available for this Site

** NA - Background not determined for this Site

*** NA - Lead not a COPC

Table 12. Soil Non-Residential Risk Reduction Standards

		TYPE 3 SOIL														
Analyte	CAS	Item 1: Rule 391-3-19-.07(8)(d)1.						Item 2: Rule 391-3-19-.07(8)(d)2					Alternate if NA	Type 3 SS RRS:	Type 3 SB RRS: Item 1, , if NA then Bkg or DL	
		(i): Item 1 of Rule 391-3-19-.07(6)(c)			(ii)	(iii)	Item 1: Highest of (i), (ii) and (iii) mg/kg	(i)	(ii)		(iii)	Item 2: Lowest of (i), (ii) and (iii) mg/kg	Bkg **	mg/kg		mg/kg
		Appendix I (NC) - exclude [] mg/kg	Table 1 GW x 100 factor mg/kg	TCLP* mg/kg	Table 2 of Appendix III mg/kg	Lead*** mg/kg		RAGS Eqn. 7 Worker NC mg/kg	RAGS Eqn. 6 Worker C mg/kg	Cancer Class	Adjusted Eqn 6 Worker C mg/kg					
Tetrachloroethene	127-18-4	0.18	0.5				0.5	152	409	B	409		152		0.50	0.50
Toluene	108-88-3	14.4	100				100	32801					32801		100	100
Xylenes	1330-20-7	20					20	1139					1139		20	20

		Type 4 Soil									
Analyte	CAS	Item 1: Rule 391-3-19-.07(9)(d)	Item 2: Rule 391-3-19-.07(9)(d)				Alternate, if NA		Type 4 SS RRS: Lesser of Items 1 and 2	Type 4 SB RRS: Item 1	
		Type 3/4 SSL Protection of Groundwater mg/kg	(i)	(ii)	(iii) Lead *** mg/kg	Item 2: Lowest of (i),(ii) and (iii) mg/kg	Table 2, Appendix III mg/kg	Bkg ** mg/kg	if NA highest of Table 2 Appendix III, Bkg or DL		
			RAGS Eqn.7 Worker NC mg/kg	RAGS Eqn. 6 Worker C mg/kg					mg/kg	mg/kg	
Tetrachloroethene	127-18-4	0.89	152	409		152			0.89	0.89	
Toluene	108-88-3	73	32801			32801			73	73	
Xylenes	1330-20-7	197	1139			1139			197	197	

Non-Residential
mg/kg
0.89
100
197

* NA - TCLP results not available for this Site
 ** NA - Background not determined for this Site
 *** NA - Lead not a COPC
 SS: Surface Soil (0-2 ft) SB: Subsurface Soil (> 2ft)

Summary of Risk Reduction Standards

Analyte	CAS	Groundwater					
		Type 1 RRS mg/L	Type 2 RRS mg/L	Residential RRS mg/L	Type 3 RRS mg/L	Type 4 RRS mg/L	Non- Residential RRS mg/L
Chloroform	67-66-3	0.08	0.0026	0.08	0.08	0.0034	0.08
cis-1,2-Dichloroethene	156-59-2	0.07	0.031	0.07	0.07	0.20	0.20
Tetrachloroethene	127-18-4	0.005	0.019	0.019	0.005	0.098	0.098

Analyte	CAS	Soil							
		Type 1 RRS mg/kg	Type 2 RRS mg/kg	Residential RRS mg/kg	Type 3 RRS		Type 4 RRS		Non- Residential mg/kg
					SS mg/kg	SB mg/kg	SS mg/kg	SB mg/kg	
Tetrachloroethene	127-18-4	0.5	0.17	0.5	0.5	0.5	0.89	0.89	0.89
Toluene	108-88-3	100	14	100	100	100	73	73	100
Xylenes	1330-20-7	20	197	197	20	20	197	197	197

SS: Surface Soil (< 2 ft bgs)

SB: Subsurface Soil (> 2 ft bgs)

Example Calculations for Tetrachloroethene Residential RRSs

Volatilization Factor

$$VF (m^3/kg) = \frac{(LS \times V \times DH)}{A} \times \frac{(\pi \times \alpha \times T)^{1/2}}{(2 \times D_{ei} \times E \times K_{as} \times 10^{-3} \text{ kg/g})}$$

LS = 45 m
 V = 2.25 m/s
 DH = 2 m
 A = 20300000 cm²
 π = 3.14
 T = 790000000 s
 $\alpha = \frac{(D_{ei} \times E)}{E + \rho_s(1-E)/K_{as}} \text{ cm}^2/\text{s}$

$D_{ei} = D_i \times E^{0.33} \text{ cm}^2/\text{s}$
 $D_i = 5.05 \text{ E-}2 \text{ cm}^2/\text{s}$
 E = 0.35
 $D_{ei} = 0.0504664 \times 0.35^{0.33} = 0.036$
 $\rho_s = 2.65 \text{ g/m}^3$
 $K_{as} = (H/Kd) \times 41$
 H = 0.0177
 $Kd = Koc \times OC$
 Koc = 94.94
 OC = 0.02
 $Kd = 94.94 \times 0.02 = 1.90$
 $K_{as} = (0.0177/1.90) \times 41 = 0.382$
 $\alpha = \frac{0.04 \times 0.35}{0.35 + 2.65(1-0.35)/0.382} = 0.002572$

$$VF = \frac{(45 \times 2.25 \times 2)}{20300000} \times \frac{(3.1416 \times 0.002572 \times 790000000)^{0.5}}{(2 \times 0.04 \times 0.35 \times 0.382 \times 10^{-3})}$$

$$= \frac{203}{20300000} \times \frac{2526}{9.5E-06} = \boxed{2640}$$

Residential Soil Noncancer

RAGS Eqn 7 = $\frac{THI \times BW \times AT}{EF \times ED \times [(1/RfDo \times 10^{-6} \times IRs) + (1/RfDi \times IRa \times (1/VF + 1/PEF))]}$

	Adult	Child
THI	1	1
BW	70	15
AT	10950	2190
EF	350	350
ED	30	6
RfDo	6.00E-03	6.00E-03
IRs	114	200
RfDi	1.14E-02	1.14E-02
IRa	15	15
VF	2.64E+03	2.64E+03
PEF	4630000000	4630000000

Adult Eqn 7 = $\frac{1 \times 70 \times 10950}{350 \times 30 \times [(1/0.006 \times 10^{-6} \times 114) + (1/0.0114 \times 15 \times (1/2640 + 1/4630000000))]}$
 $= \frac{766500}{5.43E+03} = \boxed{141}$

Child Eqn 7 = $\frac{1 \times 15 \times 2190}{350 \times 6 \times [(1/0.006 \times 10^{-6} \times 200) + (1/0.0114 \times 15 \times (1/2640 + 1/4630000000))]}$
 $= \frac{32850}{1.12E+03} = \boxed{29}$

Residential Soil Cancer
RAGS Eqn 6 =

$$\frac{TR \times BW \times AT}{EF \times ED \times [(SF_o \times 10^{-6} \times IR_s) + (SF_i \times IR_a \times (1/VF + 1/PEF))]}$$

Adult/Child	
TR	0.00001
SF _o	2.10E-03
SF _i	9.10E-04
AT	25550

Adult Eqn 6 = $\frac{0.00001 \times 70 \times 25550}{350 \times 30 \times [(0.0021 \times 10^{-6} \times 114) + (0.00091 \times 15 \times (1/2640 + 1/4630000000))]}$

= $\frac{18}{0.1}$ = **315**

Child Eqn 6 = $\frac{0.00001 \times 15 \times 25550}{350 \times 6 \times [(0.0021 \times 10^{-6} \times 200) + (0.00091 \times 15 \times (1/2640 + 1/4630000000))]}$

= $\frac{3.8}{0.01}$ = **326**

Residential Groundwater Noncancer

RAGS Eqn 2 =

$$\frac{THI \times BW \times AT}{EF \times ED \times [(1/RfDo \times IRw) + (1/RfDi \times K \times IRa)]}$$

	Adult	Child
K	0.5	0.5
IR _w	2	1

Adult Eqn 2 = $\frac{1 \times 70 \times 10950}{350 \times 30 \times [(1/0.006 \times 2) + (1/0.0114 \times 0.5 \times 15)]}$

= $\frac{766500}{1.04E+07}$ = **0.074**

Child Eqn 2 = $\frac{1 \times 15 \times 2190}{350 \times 6 \times [(1/0.006 \times 1) + (1/0.0114 \times 0.5 \times 15)]}$

= $\frac{32850}{1.73E+06}$ = **0.019**

Residential Groundwater Cancer

RAGS Eqn 1 =

$$\frac{TR \times BW \times AT}{EF \times ED \times [(SF_o \times IRw) + (SF_i \times K \times IRa)]}$$

Adult Eqn 1 = $\frac{0.00001 \times 70 \times 25550}{350 \times 30 \times [(0.0021 \times 2) + (0.00091 \times 0.5 \times 15)]}$

= $\frac{18}{1.16E+02}$ = **0.15**

Child Eqn 1 = $\frac{0.00001 \times 15 \times 25550}{350 \times 6 \times [(0.0021 \times 1) + (0.00091 \times 0.5 \times 15)]}$

= $\frac{4}{1.87E+01}$ = **0.20**

Groundwater Protection SSL Type 1/2

$$SSL = Cw \times (Kd + ((0w + 0a \times H') / pb))$$

Cw =	GW RRS x DAF	
Res GW RRS =	0.019	
DAF =	20.0	
OC =	0.2%	
n =	0.43	
ps =	2.65	
0w =	0.3	
0a = n - 0w =	0.13	
pb =	1.5	
Koc =	94.94	
H'	7.20E-01	
Kd = Koc x OC =	95 x 0.002 =	0.18988
Cw =	0.019 x 20 =	0.38
SSL =	0.38 x (0.18988 + ((0.3 + 0.134 x 0.72) / 1.5))	
	=	0.17

Soil RRS Type 1

Least of:	
Higher of:	
Appendix I	0.18
GW x 100	0.5
Higher:	0.5
Adult Eqn 7	141
Adult Eqn 6	315
Type 1 RRS:	0.5

Soil RRS Type 2

Least of:	
Type 1/2 SSL	0.2
Adult Eqn 7	141
Child Eqn 7	29
Adult Eqn 6	315
Child Eqn 6	326
Type 2 RRS:	0.17

Groundwater RRS Type 1/2

Type 1: Minimum of:	
Table 1, App III	0.005
GA MCL	0.005
Type 1 RRS =	0.005

Type 2: Minimum of:	
Adult Eqn 2	0.074
Child Eqn 2	0.019
Adult Eqn 1	0.154
Child Eqn 1	0.204
Type 2 RRS =	0.019

Res GW RRS: max of Type 1/2	0.019
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APPENDIX K

PROJECTED MILESTONE SCHEDULE

**Projected Milestone Schedule
TLC Cleaners
2060 Lower Roswell Road
Marietta, Georgia 30068**

ID	Task Name	Year 1				Year 2				Year 3				Year 4				Year 5			
		Q1	Q2	Q3	Q4																
1	Soil Delineation	■	■																		
2	Semiannual Progress Reports		■		■																
3	Finalize Remediation Plan		■																		
4	Remediation Implementation			■	■																
5	Compliance Status Report / Site Closure					■															

Note:

Timeline will begin once Site is accepted into the VRP Program.