

# OMI, Inc.

## **PHASE I ENVIRONMENTAL SITE ASSESSMENT**

**PROPOSED STOREASE SELF STORAGE – HAMPTON COVE  
ROUNDBAR DRIVE AND HIGHWAY 431  
HUNTSVILLE, ALABAMA, 35763**

**for**

**INKANA DEVELOPMENT  
C/O ENGINEERING DESIGN GROUP  
120 BISHOP CIRCLE, SUITE 300  
BIRMINGHAM, ALABAMA, 35124**

**Attn: MR. ETHAN FISHER**

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October 28, 2021

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OMI Job No. 9678

# OMI, Inc.

October 28, 2021

Inkana Development  
C/O Engineering Design Group  
120 Bishop Circle, Suite 300  
Birmingham, AL 35124

ATTN: Mr. Ethan Fisher

SUBJECT: Phase I Environmental Site Assessment – All Appropriate Inquiry  
Storease Storage Roundbar Drive  
Roundbar Drive and Highway 431  
Huntsville, Alabama, 35763  
OMI Job No. 9678

Ladies and Gentlemen:

OMI, Inc. (OMI) is pleased to present this Phase I Environmental Site Assessment (Phase I ESA) for the subject property. OMI was authorized to perform this Phase I ESA by Mr. Wade Lowery of Engineering Design Group on September 15, 2021. This Phase I ESA was completed in general accordance with OMI Proposal No. P-6346 dated September 14, 2021.

OMI appreciates this opportunity to be of service to Engineering Design Group and Inkana Development. Should you have questions, please feel free to call.

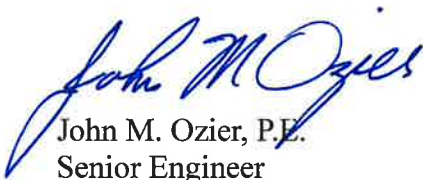
Very truly yours,  
OMI, Inc.



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## **1.0 INTRODUCTION**

OMI, Inc. (OMI) has completed a Phase I Environmental Site Assessment (ESA) on the approximately 3.3-acre site (subject property) located at the northeast corner of the intersection of Roundbar Drive and Highway 431 within the City of Huntsville, Alabama. This assessment was performed in general accordance with the OMI Proposal No. P-6346 dated September 14, 2021.

### **1.1 Purpose and Objectives**

The purpose of the Phase I ESA was to identify, to the extent feasible pursuant to the processes described herein, recognized environmental conditions in connection with the property. Recognized environmental conditions are defined as “the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment.” The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

### **1.2 Scope of Work**

This study was performed in general accordance with ASTM procedure E1527-13, Titled “Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.”

The general requirements of the Phase I ESA were to assess the subject property and prepare a report of findings. The study included:

- A review of environmental and historical information to help identify the likelihood of past uses having led to recognized environmental conditions in connection with the property.
- A site reconnaissance to obtain information indicating the likelihood of identifying current recognized environmental conditions in connection with the property.

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- Interviews with owners/occupants and with local government officials to obtain information indicating recognized environmental conditions in connection with the property.
- Preparation of this report.

## **2.0 SITE DESCRIPTION**

### **2.1 Site Identification and Location**

The subject property is located at the northeast corner of the intersection of Roundbar Drive and Highway 431 within the City of Huntsville, Alabama. The subject property consists of Madison County Parcel Numbers 18-07-36-0-000-024.000 (Tract 1) and 18-07-36-0-000-025.002 (Tract 2). For ease of interpretation, discussion of the subject site will occasionally be referenced as Tract 1 and Tract 2, as noted above. The location of Tract 1 can also be described as in the southeast ¼ of the northwest ¼ of Section 36, Township 4 South, Range 1 East. The location of Tract 2 can also be described as in the southwest ¼ of the northeast ¼ of Section 36, Township 4 South, Range 1 East (See Figure 9678-1 in Appendix A).

The subject property is irregular hexagonal in shape and contains approximately 3.3-acres. The subject property is currently undeveloped land consisting of field grass. A billboard is located on the southern portion of Tract 1. A grove is located on the northwest corner of Tract 2. No additional structures are located on the property.

Ebenezer Missionary Baptist Church and two residential structures are located on the western ½ of the northern adjoining property. A boat and recreation vehicle storage facility is currently being developed on the eastern ½ of the northern adjoining property. Roundbar Drive extends along the site's eastern border, followed by Alabama Concrete Inc. Roundbar Drive continues along the southern property boundary and intersects with Highway 431. Storage Sense self-storage is located on the southwestern adjoining property. Highway 431 extends along the site's western border, followed by undeveloped land.

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## **2.2 Current Zoning**

### **2.2.1 Flood Insurance Rate Map**

The Federal Emergency Management's (FEMA's) Flood Insurance Rate Map for Madison County, Unincorporated Areas, Alabama (Community-Panel Number 01089C0363G), Effective Date: August 16, 2018, indicates the subject property is located in Flood Zone X.

FEMA defines the flood zone identified on the subject property as follows:

Other Areas: Zone X

Areas determined to be outside the 0.2% chance annual floodplain.

### **2.2.2 Business Zoning**

Based on the information obtained from City of Huntsville Interactive Maps, Tract 1 is zoned C4, which is defined as Highway Business C-4 District. Tract 2 is zoned HI, which is defined as Heavy Industry District.

## **2.3 Current Use of the Property**

The subject property is currently undeveloped land consisting of field grass. A billboard is located on the southern portion of Tract 1. A grove is located on the northwest corner of Tract 2. No additional structures are located on the property.

## **2.4 Current Use of Adjoining Property**

Ebenezer Missionary Baptist Church and two residential structures are located on the western ½ of the northern adjoining property. A boat and recreation vehicle storage facility is currently being developed on the eastern ½ of the northern adjoining property. Roundbar Drive extends along the site's eastern border, followed by Alabama Concrete Inc. Roundbar Drive continues along the southern property boundary and intersects with Highway 431. Storage Sense self-storage is located on the southwestern adjoining property. Highway 431 extends along the site's western border, followed by undeveloped land.

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## 3.0 RECORDS REVIEW

### 3.1 Geology

Published geologic information indicates the proposed site is underlain by the Tuscumbia Limestone. The Tuscumbia Limestone formation is of Mississippian age (320 to 355 million years). In the vicinity of the subject site, the Tuscumbia Limestone is composed of light gray to light brownish gray, fine to coarse grained, fossiliferous limestone containing chert lenses and nodules. Soils derived from the in-place weathering of the Tuscumbia Limestone are moderately red to reddish-orange clay with variable amounts of chert.

### 3.2 Hydrology

#### 3.2.1 Surface Drainage

City of Huntsville Interactive Maps shows elevations across the site range from 607-ft MSL near the north end of the site to 602-ft MSL near the south end of the site. A grassed swale is present and bisects Tract 1 and Tract 2. Surface water generally flows south via sheet flow and/or grassed swale. Stormwater from the subject property discharges to the south-southeast towards an unnamed tributary of the Flint River. The Flint River generally flows south towards the Tennessee River.

#### 3.2.2 Groundwater Flow

Published geologic information indicates that groundwater in the uppermost aquifer moves downward and laterally through the regolith, and then into the limestone bedrock. Once in the bedrock, groundwater flow direction is controlled mostly by secondary porosity features such as solution channels, bedding planes, and fractures. The regional groundwater movement in the uppermost aquifer in the general project area (Tuscumbia Limestone) is believed to be generally to the south.

The local water table gradient may vary from the regional potentiometric gradient. Generally, flow in the upper saturated zone will roughly parallel the surface topography. Review of topographic relief of the property indicates that flow direction in the upper saturated zone at the site will probably be to the south-southeast.

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### **3.3 Soils**

The general soil map for the area of the subject property prepared by the U.S. Department of Agriculture, Soil Conservation Service, *Soil Survey of Madison County, Alabama, issued 1958*, indicates the general soil type as being Holston-Tupelo-Robertsville. These soils consist of poorly drained to somewhat-poorly drained soils that are somewhat fertile and vary considerable in texture and permeability.

The site-specific soil survey map for the area of the subject property prepared by the USDA Natural Resources Conservation Service (NRCS), indicates the soil on site to be Holston fine sandy loam, undulating (Hu), Holston fine sandy loam, eroded, undulating (Hv), and Tyler very fine sandy loam (Ty). The following table shows the characteristics of these soils.

<b>Soil Symbol</b>	<b>Soil Name</b>	<b>Natural Drainage</b>	<b>Permeability</b>	<b>Slope Range</b>
Hu	Holston fine sandy loam, undulating	Well drained	Moderately high to high	2-6 percent
Hv	Holston fine sandy loam, eroded, undulating	Well drained	Moderately high to high	2-6 percent
Ty	Tyler very fine sandy loam	Somewhat poorly drained	Moderately low to moderately high	0-2 percent

These soils are not considered hydric.

### **3.4 Chain-of-Title**

Chain-of-title was not provided by Engineering Design Group and/or Inkana Development; however, property ownership information was researched by OMI via online tax records. This information was researched to ascertain property ownership only and is not intended to be a complete title search as is necessary to bind a property in a real estate transaction.

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The following synopsis includes owner and year, respectively, for Tract 1:

<b>Owner</b>	<b>From</b>	<b>To</b>
Drake, A. S.	1945	1947
Drake, Paul A.	1948	1975
Drake, Cora	1976	1986*
Brannum, AJ & June	2004*	2016
Brazelton, Dewey H.	2017	Present

\*Data gap in records between 1986 to 2004.

The following synopsis includes owner and year, respectively, for Tract 2:

<b>Owner</b>	<b>From</b>	<b>To</b>
Dr. W.H. Burrett	1945	1955
1 <sup>st</sup> National Bank of Birmingham	1956	1986*
A B Sitework Inc	2004*	2019
Brazelton, Dewey H.	2020	Present

\*Data gap in records.

### **3.5 Environmental Liens or Activity and Use Limitations**

As was outlined in the OMI Proposal an environmental liens or Activity and Use Limitation survey was not performed by OMI during this study and is the responsibility of Engineering Design Group and/or Inkana Development. No information relating to environmental liens or Activity and Use Limitations associated with the subject site was provided by Engineering Design Group and/or Inkana Development. Should any environmental liens or activity and use limitations be identified by Engineering Design Group and/or Inkana Development, OMI reserves the right to review the findings of this report.

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### **3.6 Historical Maps**

#### **3.6.1 USDA Soil Survey**

Review of the U.S. Department of Agriculture Soil Survey Map of Madison County, published 1958, shows the site was occupied with a residential structure and unimproved road. Undeveloped land was shown on the northern, eastern, and southern adjoining properties. Ebenezer Church and a school are shown on the western adjoining property, followed by an intermittent stream. A second intermittent stream is shown southeast of the subject site.

#### **3.6.2 USGS Topographical Map**

Review of the U.S. Geological Survey, Moontown Quadrangle Alabama, 7.5 Minute Topographical Map, 1948, photo-revised 1974, shows the site developed with a residential structure and unimproved road. Residential structures are shown on the northern adjoining property. An unoccupied structure is shown on the eastern adjoining property, followed by undeveloped land. Undeveloped land is shown on the southern adjoining property, followed by Highway 431. Highway 431 is shown extending along the site's western property boundary, followed by a dry pond and undeveloped land.

#### **3.6.3 Aerial Photographs**

In addition to historical maps reviewed covering the subject property, the following photographs were reviewed:

1950 (Drawing 9678-3, Scale 1in = 500-ft)

The subject property is shown improved with a residential structure and unimproved road and appears to be part of a larger tract of land used for agriculture. The unimproved road heads south from the residence and connects to Taylor Lane. The general vicinity appears utilized as rural farmland. Undeveloped land is shown on the western ½ of the northern adjoining property. An unimproved road is shown immediately north of the eastern ½ of the northern adjoining property. The eastern, southern, and western adjoining properties are shown undeveloped. A structure is shown on the southeastern adjoining property. A second structure is shown on the southwestern adjoining property.

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1970 (Drawing 9678-4, Scale 1in = 500-ft)

The subject site, eastern ½ of the northern adjoining property, and eastern adjoining property appear similar to the previous photograph. A grove is shown on Tract 1. Ebenezer Missionary Baptist Church is shown on the western ½ of the northern adjoining property. Highway 431 is shown as a two-lane highway extending along the site's western property boundary, followed by undeveloped land. Highway 431 is shown along the southern property boundary. Additional commercial and residential development is shown in the general vicinity.

1978 (Drawing 9678-5, Scale 1in = 500-ft)

The subject site and adjoining properties appear similar to the previous photograph.

1981 (Drawing 9678-6, Scale 1in = 500-ft)

The subject site and adjoining properties appear similar to the previous photograph; however, the residential structures previously shown on the subject site and southeastern adjoining property are shown removed.

1998 (Drawing 9678-7, Scale 1in = 500-ft)

The subject site appears similar to the previous photograph. Two residential structures and woodland are shown on the northern adjoining property. Roundbar Drive is shown extending along the eastern property boundary, followed by undeveloped land. Highway 431 is shown converted to a divided four-lane highway. Big Cove Wastewater Treatment Plant is shown approximately 1,000-ft north of the subject property. Additional commercial and residential development is shown in the general vicinity.

2006 (Drawing 9678-8, Scale 1in = 500-ft)

The majority of the woodland areas previously shown on the subject property are shown cleared with a copse of trees shown on the northwestern portion of Tract 2. Alabama Concrete is shown on the eastern adjoining property. The western adjoining property appears as if earthwork has been performed. Additional commercial and residential development are shown in the general vicinity.

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2009 (Drawing 9678-9, Scale 1in = 500-ft)

The subject property and adjoining properties appear similar to the previous photograph; however, self-storage units are shown on the southwestern adjoining property. Additional commercial and residential development are shown in the general vicinity.

2013 (Drawing 9678-10, Scale 1in = 500-ft)

The subject property and adjoining properties appear similar to the previous photograph.

2017 (Drawing 9678-11, Scale 1in = 500-ft)

The subject property and adjoining properties appear similar to the previous photograph. Additional residential development is shown in the general vicinity.

#### 3.6.4 Fire Insurance Maps

Sanborn Fire Insurance maps do not provide coverage in the vicinity of the subject property.

#### 3.6.5 City Directories

In the professional opinion of OMI, city directory records would not provide additional information likely to be useful or are not reasonably ascertainable and practically reviewable.

#### 3.6.6 Property Tax Files

Online tax records indicate the site consists of Madison County Parcel Numbers 18-07-36-0-000-024.000 and 18-07-36-0-000-025.002.

#### 3.6.7 Recorded Land Title Records

In the professional opinion of OMI, recorded land title records would not provide additional information likely to be useful or are not reasonably ascertainable and practically reviewable.

#### 3.6.8 Building Department Records

In the professional opinion of OMI, building department records would not provide additional information likely to be useful or are not reasonably ascertainable and practically reviewable.

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### **3.7 Federal and State Environmental Files**

OMI followed standard practices, as defined by the American Society for Testing Materials (ASTM), in the review of regulatory agency information sources. This process allows the identification of facilities of potential environmental concern at distances commensurate with their potential risk to the site. These risk-distance relationships are summarized as follows:

- A 1-mile distance from the site - Federal NPL, CORRACTS, and State Hazardous Waste Sites.
- A ½-mile distance from the site - CERCLIS sites, landfill sites, RCRA TSD, and Leaking Registered Storage Tanks (LRSTs); and
- Property and Adjoining Properties - RCRA generators list, Registered Storage Tanks, and Federal ERNs list.

A summary of sites identified within the ASTM recommended minimum distances by the Environmental Data Resources (EDR) report generated on September 21, 2021 is provided below. The Executive Summary of the EDR report is provided in Appendix C of this report. A copy of the complete EDR report is maintained by OMI and can be provided at the client's request. It is noted that some sites identified by the EDR report are outside of ASTM recommended minimum distances and are therefore not included in the summary below. The EDR report did not identify any orphan sites, or sites without adequate information to identify their location.

<b>ASTM Search Distance</b>	<b>Facility</b>	<b>Distance and Topographical Orientation From Subject Property</b>
From ½ to 1-mile from the property	None	N/A
From the adjoining properties to ½-mile from the property	None	N/A
The subject site and adjoining properties	Alabama Concrete Inc. 130 Roundbar Drive Database Listed: AST	Eastern adjacent property Cross-gradient

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No federally listed or state listed environmental activities or reported incidents were identified on the property.

#### Alabama Concrete Inc.

The EDR report identified Alabama Concrete Inc. as an aboveground storage tank (AST) facility and is assigned Alabama Department of Environmental Management (ADEM) Facility ID 23378-89-19452. One 4,000-gallon diesel AST was installed on February 1, 2005. The EDR report did not identify any incidents or violations associated with the facility's ID number. OMI does not consider Alabama Concrete Inc. a recognized environmental condition in relation to the subject site.

### **4.0 SITE RECONNAISSANCE**

On September 20, 2021, Mr. Ethan Maples of OMI conducted a field reconnaissance of the subject property. The reconnaissance was conducted in a grid pattern to look for overt signs of hazardous or regulated materials or evidence of on-site waste disposal. Adjoining properties along the perimeter of the subject property were observed for overt evidence of off-site influences, which could affect the environmental condition of the subject property.

#### **4.1 Site Setting**

The subject property is currently undeveloped land consisting of field grass. A billboard is located on the southern portion of Tract 1. A grove is located on the northwest corner of Tract 2. No additional structures are located on the property.

#### **4.2 Hazardous Material Usage**

No evidence of hazardous materials was observed on the property or along the perimeter of bordering properties.

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### **4.3 Storage Tanks**

#### **4.3.1 Fuel Storage Tanks**

No evidence of there being or having been aboveground storage tanks (AST) or underground storage tanks (UST) was observed on the subject property or along the perimeter of bordering properties.

No ASTs or USTs were registered at the subject property location (EDR Report). No liquid petroleum gas tanks were on the property.

#### **4.3.2 Septic Tanks**

There was no evidence observed on the subject property or along the perimeter of bordering properties as to the existence of septic tanks. Due to the historically rural area and the presence of a residence on site in the 50's throughout the 70's, the probability of a decommissioned septic system is likely.

### **4.4 Polychlorinated Biphenyls**

No transformers or other fluid-bearing electrical equipment were observed on the property.

### **4.5 Indications of Solid Waste Disposal**

At the time of OMI site reconnaissance, there was no evidence that any on-site waste disposal or dumping has occurred on the subject property.

### **4.6 Indications of Pits, Ponds, or Lagoons**

There were no indications of any pits, ponds, or lagoons at the time of the OMI site visit.

### **4.7 Indications of Fill Material**

At the time of the OMI site reconnaissance, no evidence of fill material was observed on the subject property or along the perimeter of bordering properties.

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#### **4.8 Groundwater Wells**

The site is located within a designated Wellhead Protection Area II for the City of Huntsville, Hampton Cove Well, located approximately ¾-miles east of the site. The published information reviewed did not indicate any private wells within 1,000-ft of the property.

#### **4.9 Potential for Hazardous Material Migration**

There does not appear to be a potential for hazardous material migration in the immediate vicinity of the subject property. There are no reported hazardous releases on nearby properties to the subject property that would present an environmental liability to the subject property.

### **5.0 INTERVIEWS**

#### **5.1 Owners (Past and Present)**

OMI interviewed Mr. Dewey Brazelton on October 22, 2021. Mr. Brazelton was not aware of any environmental liens or activity use limitations on the property. Mr. Brazelton was not aware of chemicals or petroleum products stored or released on the property. Mr. Brazelton was not aware of any obvious indicators that point to the presence or likely presence of contamination on the property.

#### **5.2 Key Site Manager(s)**

The subject site is unoccupied.

#### **5.3 Occupants**

The subject site is unoccupied.

#### **5.4 Local Government Officials**

Ms. Candy Sumlin with the Huntsville Madison County Emergency Management Agency was contacted on October 19, 2021, regarding the site. According to Ms. Sumlin, there are no records of HAZMAT incidences associated with the site.

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## **6.0 USER PROVIDED INFORMATION**

Mr. Slade Blackwell of Inkana Development provided the following information via user questionnaire on October 21, 2021. The following is a summary of information provided by Mr. Blackwell.

### **6.1 Environmental Clean-Up Liens and Activity and Land Use Limitations**

Mr. Blackwell was unaware of any environmental liens or activity and land use limitations associated with the subject property.

### **6.2 Specialized Knowledge**

Mr. Blackwell has no specialized knowledge or experience related to the property or nearby properties.

### **6.3 Purchase Price**

Mr. Blackwell believes the purchase price reflects the fair market value of the property.

### **6.4 Reasonably Ascertainable Information**

Mr. Blackwell was unaware of any past uses of the property. Mr. Blackwell was unaware of any petroleum or chemical storage or releases, or any environmental cleanups associated with the site.

### **6.5 Obvious Indications of Contamination**

Mr. Blackwell was not aware of any obvious indicators that point to the presence or likely presence of contamination on the subject property.

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## **7.0 FINDINGS, OPINIONS, CONCLUSIONS AND RECOMMENDATIONS**

### **7.1 Opinions**

The subject property is located at the northeast corner of the intersection of Highway 431 and Roundbar Drive within the City of Huntsville, Alabama. Specifically, the property consists of two parcels with a combined area of approximately 3.3-acres.

Historical review of the property indicates the subject site was historically agricultural and residential in use until circa 1980 when the residential structure was demolished. In the opinion of OMI, the past use of the subject site poses a low risk.

The environmental records portion of this study identified one facility within the ASTM recommended search radii. Pertinent information regarding the findings to the relevant, adjacent, and off-site property is discussed in Section 3.7. For simplicity, the information from Section 3.7 is not duplicated in this section.

### **7.2 Conclusions**

OMI has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 of the subject property. Any exceptions to, or deletions from, this practice are described in Section 8 of this report. This assessment revealed no recognized environmental conditions in connection with the property.

### **7.3 Recommendations**

Based on the findings of this Phase I ESA, no additional environmental assessment is recommended at this time.

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## **8.0 DATA FAILURE OR DATA GAP**

A data gap was found in the property ownership records. This does not represent a significant gap in identifying possible recognized environmental conditions.

## **9.0 QUALIFICATIONS**

OMI declares that, to the best of our professional knowledge and belief, we meet the definition of *Environmental Professional* as defined in 312.10 of 40 CFR 312.

OMI has the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the All Appropriate Inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

## **10.0 LIMITATIONS**

Due to the potential that on-site or nearby off-site environmental conditions may change, OMI represents that the information presented in this report reflects the conditions encountered or discovered at the time of this Phase I Environmental Site Assessment (ESA). OMI's findings and conclusions are based on observations and discoveries available at the time of this Phase I ESA.

OMI's site assessment was performed in accordance with generally accepted practices of consultants undertaking similar studies. The findings and conclusions of this assessment must be considered not as scientific certainties, but as probabilities based on professional judgment concerning the significance of the limited data gathered during the course of the site assessment. OMI can perform additional studies for additional fees, if desired. The additional studies would review information not observed or available to OMI during this study. Additional studies may or

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may not discover data which would influence the opinions and conclusions stated in this report. Specifically, OMI does not and cannot represent beyond that observed by OMI during this site assessment.

Specialty surveys, such as wetlands delineation and radon testing were not performed as part of this Phase I ESA. Specialty surveys can be provided by OMI at additional cost.

This study and report have been prepared on behalf of and for the exclusive use of Engineering Design Group, solely for use in an environmental evaluation of the subject property. This report and the findings contained herein shall not, in whole or part, be disseminated or conveyed to any other party without the prior written consent of OMI. However, OMI acknowledges and agrees that the report may be copied and distributed to others within Engineering Design Group for use in evaluation of the subject property.

This work was performed in accordance with the terms and conditions as outlined in the Proposal No. P-6346 dated September 14, 2021, and discussions between OMI and the authorizing agent. Interpretation of the report by persons not familiar with the scope of work and the contract is at the interpreter's sole risk.

In preparing this report, OMI has relied on certain information provided by state and local officials and other parties referenced herein, and on information contained in the files of state and/or local agencies available to OMI at the time of this site study. Although there may have been some degree of overlap in the information provided by these various sources, OMI did not attempt to independently verify the accuracy or completeness of all information provided.

OMI did not perform subsurface exploration, quantitative laboratory testing, or analyses to determine the presence of contamination at the site or in the environment at the site. Undiscovered contamination that is not visible without subsurface investigation may exist.

*The use of this document or the information contained herein is subject to the restrictions on the Title page.*

OMI makes no warranty or guarantee, express or implied, regarding this report and does not certify or guarantee the environmental condition of the property covered by this report or that the property covered by this report is free of contamination.

*The use of this document or the information contained herein is subject to the restrictions on the Title page.*

## **11.0 REFERENCES**

Baker, R.M., Mann, S.D., Raymond, D.E., 1996, Documentation for a Wellhead Protection Program: Huntsville Utilities Department, Madison County, Geological Survey of Alabama.

Swenson, G.A., Sherard, H., Baxter, A., Farnham, R., Wesson, H.J., and Young, B.E., 1958, Soil Survey of Madison County, AL, U.S. Department of Agriculture.

Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) database of site and non-site specific Superfund data in support of CERCLA.

Resource Conservation and Recovery Information System (RCRIS) database of facilities that generate, transport, treat, store and/or dispose of hazardous waste.

Permit Compliance System (PCS) database of sites with NPDES activities (water discharges).

USCG National Response Center Database of emergency responses involving chemical or petroleum releases (contains ERNS sites).

Toxic Release Inventory (TRI) database compiled from facility reports of use, manufacture, storage, transport or release of chemicals into the environment.

Alabama Hazardous Substance Cleanup Fund List (AHSCF) List.

Alabama Leaking Registered Storage Tank Report (LRST).

Alabama Permitted Solid Waste, Construction/Demolition, and Industrial Landfill Lists.

Alabama Registered Storage Tank Report (RST).

U.S. Geological Survey, Huntsville Quadrangle Alabama, 7.5 Minute Topographical Map, 1975, revised 1991.

EDR Radius Map for Storease Roundbar Dr, Inquiry No. 6672018.2s, Report generated September 21, 2021.

Personal communication, Huntsville Madison County Emergency Management Agency

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## **APPENDICES**



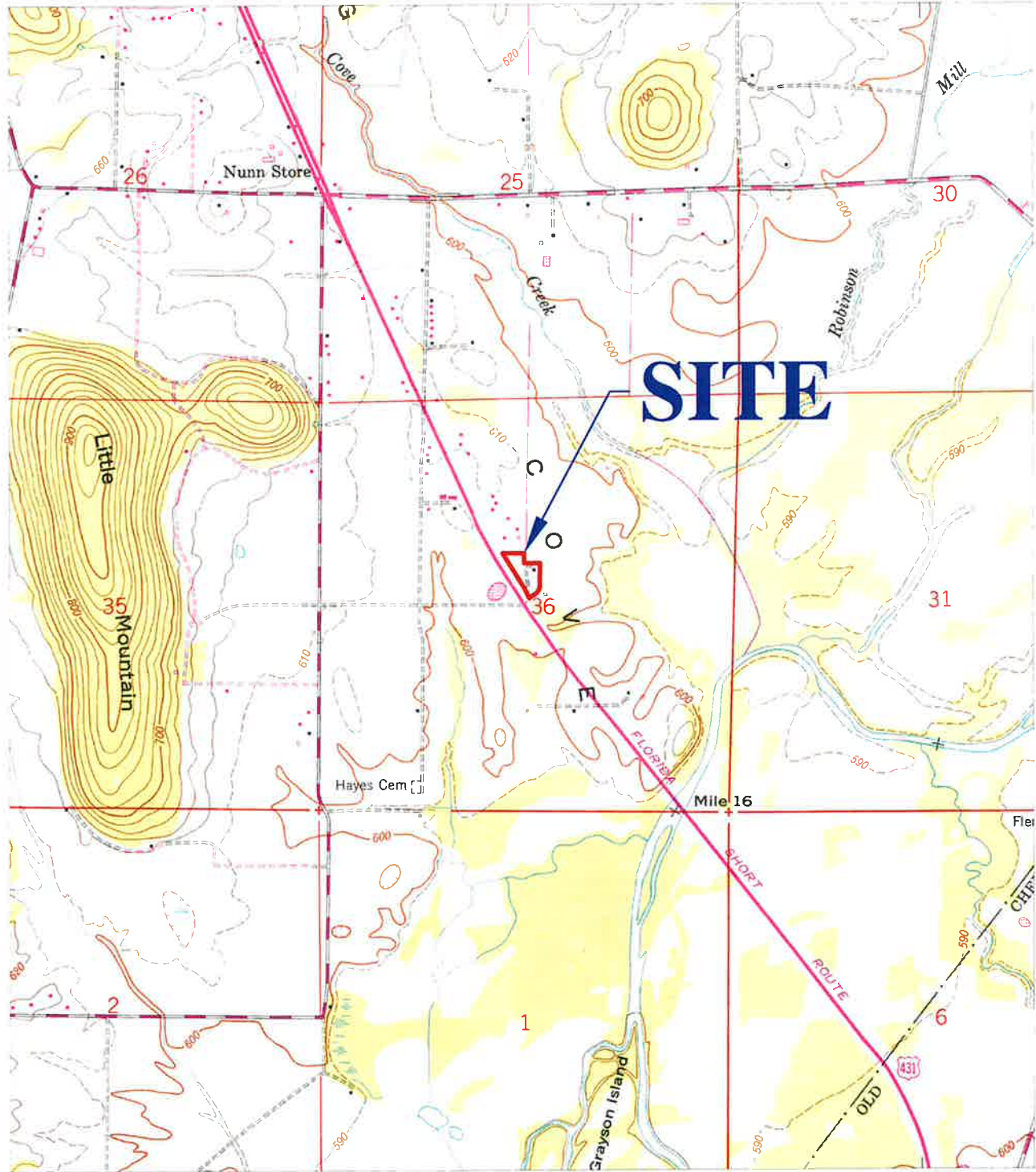
## **APPENDIX A**

# OMI, Inc.

5151 Research Dr. NW  
Huntsville, AL 35805

PH: (256) 837 - 7664

FAX: (256) 837 - 7677



MOONTOWN QUAD  
7.5 MINUTE SERIES  
TOPOGRAPHIC  
1948 REVISED 1974

JOB NAME:  
STOREASE  
ROUNDBAR DRIVE  
OWENS CROSS ROADS, ALABAMA

## SITE LOCATION MAP

DRAWING NO: 9678 - 1

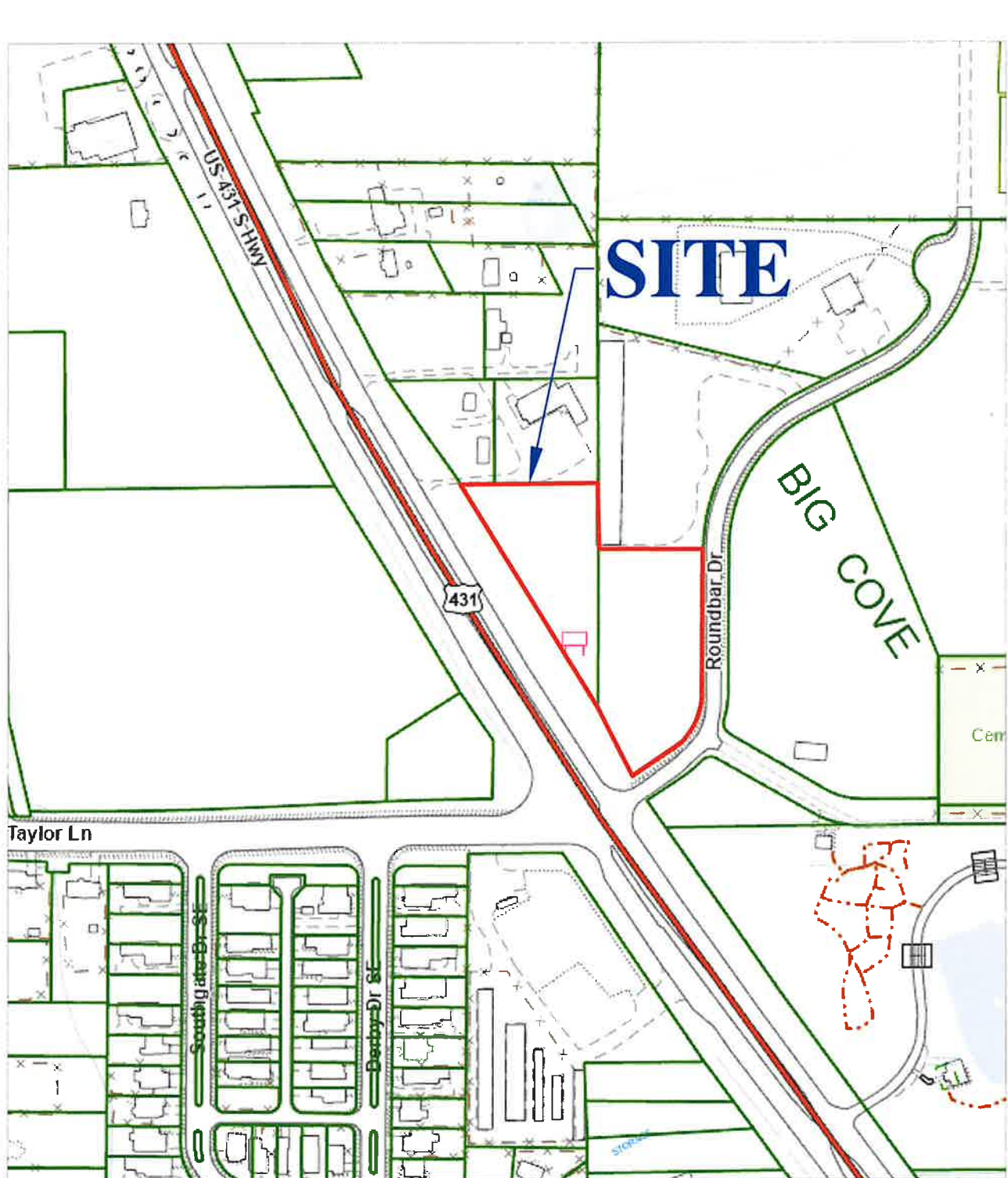
JOB NO: 9678  
DATE: 09-22-2021  
SCALE: 1"= 2000'  
DRAWN BY: DAH

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FAX: (256) 837 - 7677



NOTE: THIS DRAWING HAS BEEN REDRAWN FROM A DRAWING PROVIDED BY: CITY PLANNING DEPARTMENT, HUNTSVILLE, ALABAMA.

JOB NAME:  
STOREASE  
ROUNDBAR DRIVE  
OWENS CROSS ROADS, ALABAMA

## SITE VICINITY MAP

DRAWING NO: 9678 - 2

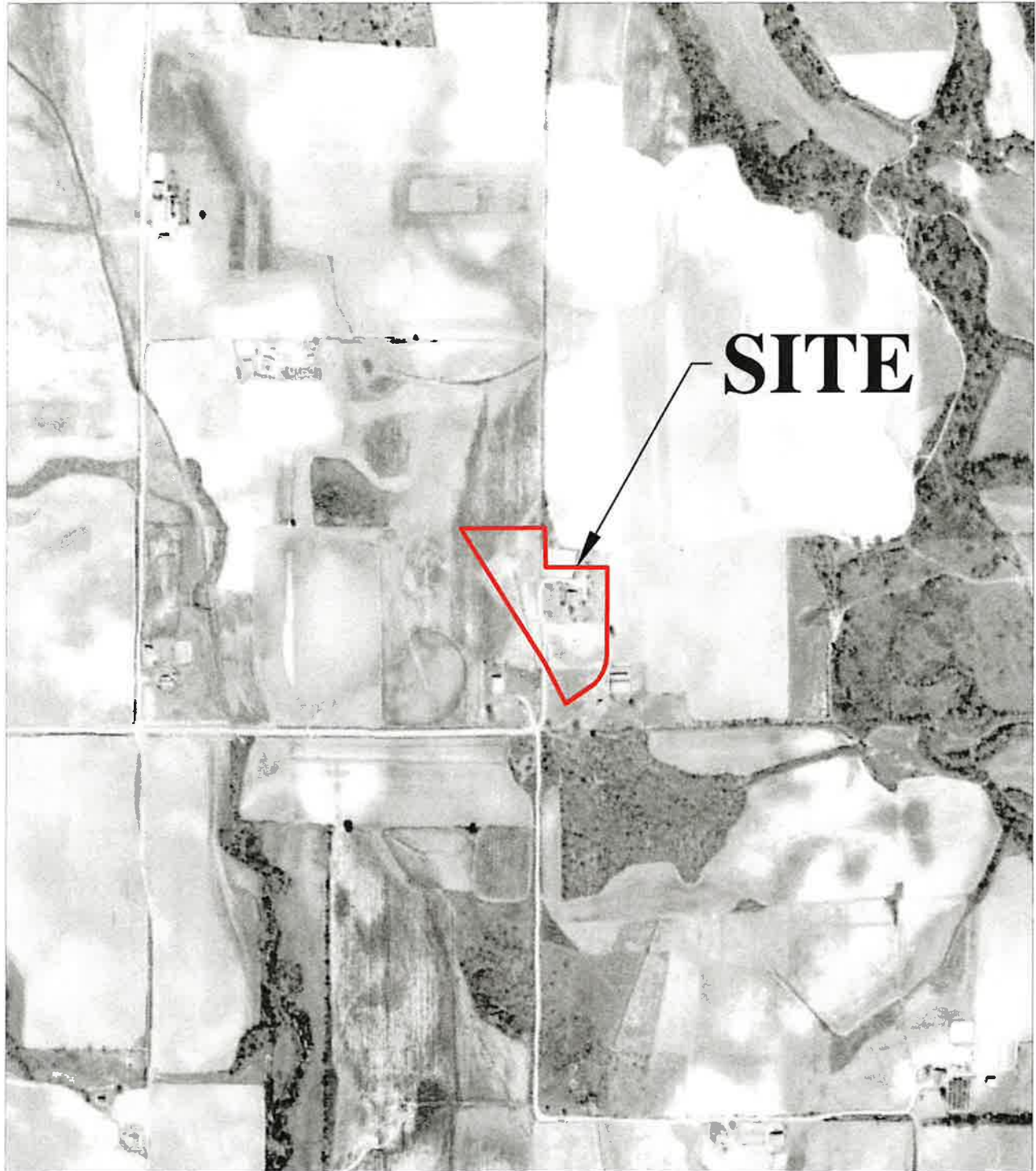
JOB NO: 9678  
DATE: 09-22-2021  
SCALE: 1" = 300'  
DRAWN BY: DAH

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NOTE: PHOTOGRAPH OBTAINED FROM ENVIRONMENTAL DATA RESOURCES, SHELTON, CONNECTICUT.

JOB NAME:  
STOREASE  
ROUNDBAR DRIVE  
OWENS CROSS ROADS, ALABAMA

**AERIAL PHOTOGRAPH, 1950**

DRAWING NO: 9678 - 3

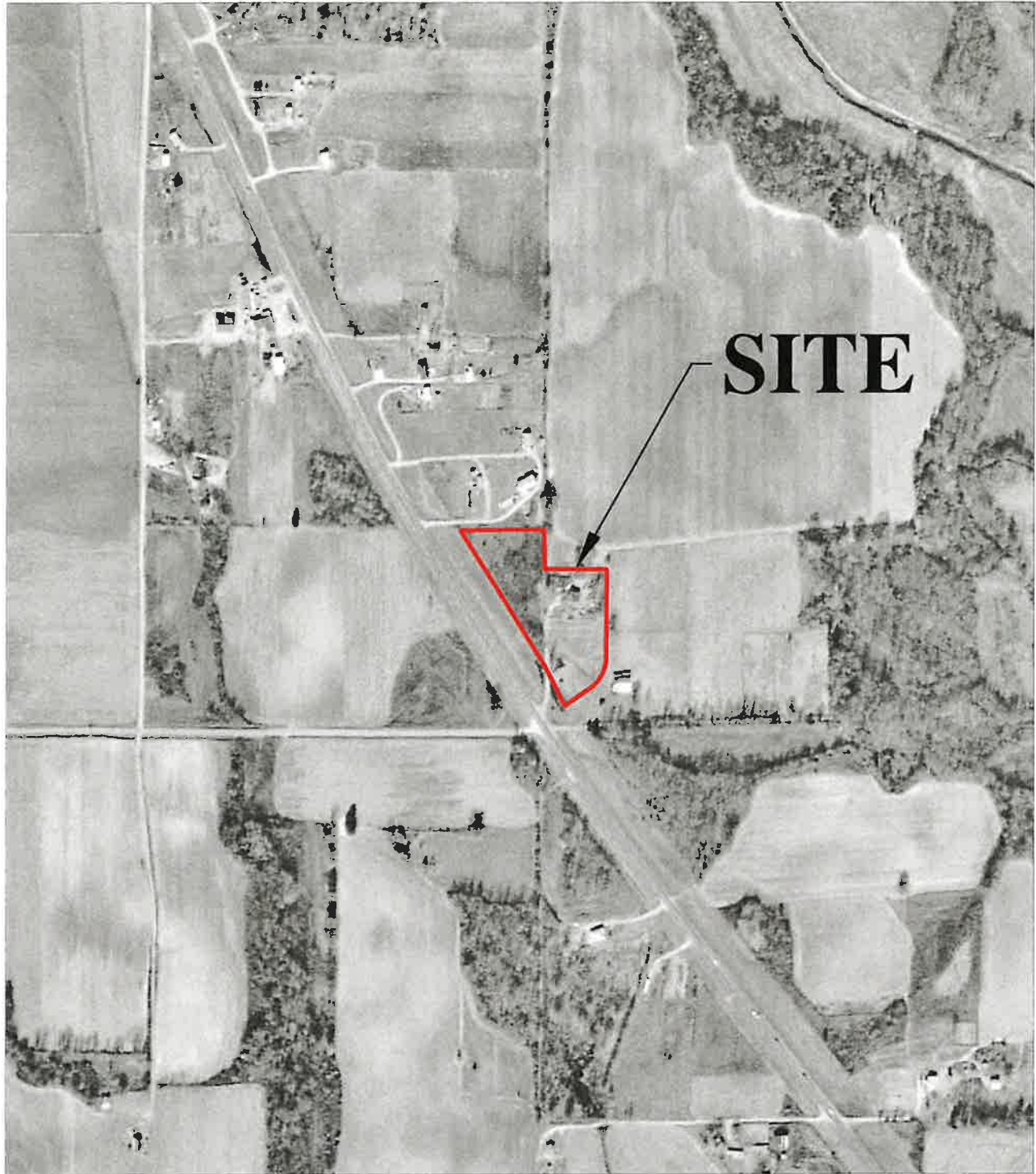
JOB NO: 9678  
DATE: 09-22-2021  
SCALE: 1"= 500'  
DRAWN BY: DAH

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FAX: (256) 837 - 7677



NOTE: PHOTOGRAPH OBTAINED FROM ENVIRONMENTAL DATA RESOURCES, SHELTON, CONNECTICUT.

JOB NAME:  
STOREASE  
ROUNDBAR DRIVE  
OWENS CROSS ROADS, ALABAMA

**AERIAL PHOTOGRAPH, 1970**

DRAWING NO: 9678 - 4

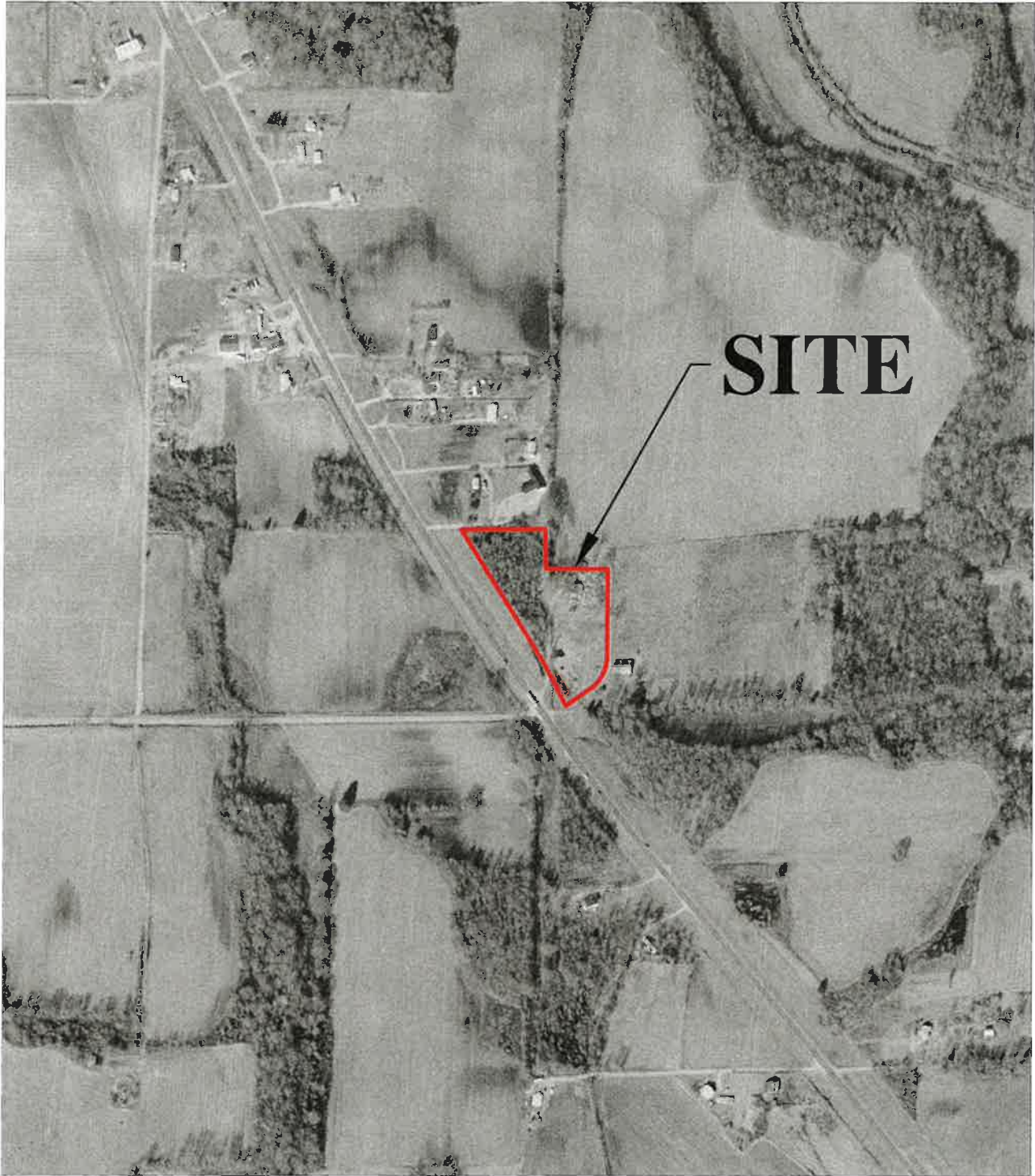
JOB NO: 9678  
DATE: 09-22-2021  
SCALE: 1" = 500'  
DRAWN BY: DAH

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FAX: (256) 837 - 7677



NOTE: PHOTOGRAPH OBTAINED FROM ENVIRONMENTAL DATA RESOURCES. SHELTON, CONNECTICUT.

JOB NAME:  
STOREASE  
ROUNDBAR DRIVE  
OWENS CROSS ROADS, ALABAMA

**AERIAL PHOTOGRAPH, 1978**

DRAWING NO: 9678 - 5

JOB NO: 9678  
DATE: 09-22-2021  
SCALE: 1" = 500'  
DRAWN BY: DAH

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NOTE: PHOTOGRAPH OBTAINED FROM ENVIRONMENTAL DATA RESOURCES, SHELTON, CONNECTICUT.

JOB NAME:  
STOREASE  
ROUNDBAR DRIVE  
OWENS CROSS ROADS, ALABAMA

AERIAL PHOTOGRAPH, 1981

DRAWING NO: 9678 - 6

JOB NO: 9678  
DATE: 09-22-2021  
SCALE: 1" = 500'  
DRAWN BY: DAH

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NOTE: PHOTOGRAPH OBTAINED FROM ENVIRONMENTAL DATA RESOURCES, SHELTON, CONNECTICUT.

JOB NAME:  
STOREASE  
ROUNDBAR DRIVE  
OWENS CROSS ROADS, ALABAMA

AERIAL PHOTOGRAPH, 1998

DRAWING NO: 9678 - 7

JOB NO: 9678  
DATE: 09-22-2021  
SCALE: 1" = 500'  
DRAWN BY: DAH



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NOTE: PHOTOGRAPH OBTAINED FROM ENVIRONMENTAL DATA RESOURCES, SHELTON, CONNECTICUT.

JOB NAME:  
STOREASE  
ROUNDBAR DRIVE  
OWENS CROSS ROADS, ALABAMA

AERIAL PHOTOGRAPH, 2006

DRAWING NO: 9678 - 8

JOB N0: 9678  
DATE: 09-22-2021  
SCALE: 1" = 500'  
DRAWN BY: DAH

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FAX: (256) 837 - 7677



NOTE: PHOTOGRAPH OBTAINED FROM ENVIRONMENTAL DATA RESOURCES, SHELTON, CONNECTICUT.

JOB NAME:  
STOREASE  
ROUNDBAR DRIVE  
OWENS CROSS ROADS, ALABAMA

AERIAL PHOTOGRAPH, 2009

DRAWING NO: 9678 - 9

JOB N0: 9678  
DATE: 09-22-2021  
SCALE: 1" = 500'  
DRAWN BY: DAH

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Huntsville, AL 35805

PH: (256) 837 - 7664

FAX: (256) 837 - 7677



NOTE: PHOTOGRAPH OBTAINED FROM ENVIRONMENTAL DATA RESOURCES, SHELTON, CONNECTICUT.

JOB NAME:  
STOREASE  
ROUNDBAR DRIVE  
OWENS CROSS ROADS, ALABAMA

AERIAL PHOTOGRAPH, 2013

DRAWING NO: 9678 - 10

JOB NO: 9678  
DATE: 09-22-2021  
SCALE: 1" = 500'  
DRAWN BY: DAH

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PH: (256) 837 - 7664

FAX: (256) 837 - 7677



NOTE: PHOTOGRAPH OBTAINED FROM ENVIRONMENTAL DATA RESOURCES, SHELTON, CONNECTICUT.

JOB NAME:  
STOREASE  
ROUNDBAR DRIVE  
OWENS CROSS ROADS, ALABAMA

AERIAL PHOTOGRAPH, 2017

DRAWING NO: 9678 - 11

JOB NO: 9678  
DATE: 09-22-2021  
SCALE: 1" = 500'  
DRAWN BY: DAH

## **APPENDIX B**

# OMI, Inc.

5151 Research Drive  
Huntsville, AL 35805

PH: (256) 837-7664

FAX: (256) 837-7677



PHOTOGRAPH 1: Looking southwest from the northeast corner of the property.



PHOTOGRAPH 2: Looking west from the southeast corner of the property.

JOB NAME:  
Storease Roundbar Dr Ph I  
Roundbar Dr  
Huntsville, Alabama

SITE PHOTOGRAPHS  
PHOTOGRAPHS 1 AND 2

Job No.: 9678  
Date: 10/21/2021

# OMI, Inc.

5151 Research Drive  
Huntsville, AL 35805

PH: (256) 837-7664

FAX: (256) 837-7677



PHOTOGRAPH 3: Looking north from the southeast corner of the property.



PHOTOGRAPH 4: Looking south from the northwest property boundary.

JOB NAME:  
Storease Roundbar Dr Ph I  
Roundbar Dr  
Huntsville, Alabama

SITE PHOTOGRAPHS  
PHOTOGRAPHS 3 AND 4

Job No.: 9678  
Date: 10/21/2021

## **APPENDIX C**



**Storease Roundbar Drive**

Not Reported

Owens Cross Roads, AL 35763

Inquiry Number: 6672018.2s

September 21, 2021

**The EDR Radius Map™ Report with GeoCheck®**



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

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Physical Setting SSURGO Soil Map .....	A-5
Physical Setting Source Map .....	A-12
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Physical Setting Source Records Searched .....	PSGR-1

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

### Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

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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 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

NOT REPORTED  
OWENS CROSS ROADS, AL 35763

#### COORDINATES

Latitude (North): 34.6464350 - 34° 38' 47.16"  
Longitude (West): 86.4749370 - 86° 28' 29.77"  
Universal Transverse Mercator: Zone 16  
UTM X (Meters): 548119.4  
UTM Y (Meters): 3833764.0  
Elevation: 602 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 6698380 MOONTOWN, AL  
Version Date: 2014

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20150726  
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:

NOT REPORTED

OWENS CROSS ROADS, AL 35763

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	ALABAMA CONCRETE CO	130 ROUND BAR RD	AST	Higher	86, 0.016, ENE
2	BIG COVE WASTEWATER	260 ROUND BAR DRIVE	RCRA NonGen / NLR, FINDS, ECHO	Lower	1168, 0.221, NNE

# EXECUTIVE SUMMARY

## 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 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***

FEDERAL FACILITY..... Federal Facility Site Information listing  
SEMS..... Superfund Enterprise Management System

### ***Federal CERCLIS NFRAP site list***

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

### ***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-VSQG..... RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

### ***Federal institutional controls / engineering controls registries***

LUCIS..... Land Use Control Information System

## EXECUTIVE SUMMARY

US ENG CONTROLS..... Engineering Controls Sites List  
US INST CONTROLS..... Institutional Controls Sites List

### **Federal ERNS list**

ERNS..... Emergency Response Notification System

### **State- and tribal - equivalent CERCLIS**

SHWS..... Hazardous Substance Cleanup Fund

### **State and tribal landfill and/or solid waste disposal site lists**

SWF/LF..... Permitted Landfills

### **State and tribal leaking storage tank lists**

LAST..... List of AST Release Incidents  
LUST..... Leaking Underground Storage Tank Listing  
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

### **State and tribal registered storage tank lists**

FEMA UST..... Underground Storage Tank Listing  
UST..... Underground Storage Tank Information  
INDIAN UST..... Underground Storage Tanks on Indian Land

### **State and tribal institutional control / engineering control registries**

ENG CONTROLS..... Engineering Controls Site Listing  
AUL..... Environmental Covenants  
INST CONTROL..... Land Division Brownfields 128(a) Program Site Listing

### **State and tribal voluntary cleanup sites**

INDIAN VCP..... Voluntary Cleanup Priority Listing  
VCP..... Cleanup Program Inventory

### **State and tribal Brownfields sites**

BROWNFIELDS..... Land Division Brownfields 128(a) Program Site Listing

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### **Local Brownfield lists**

US BROWNFIELDS..... A Listing of Brownfields Sites

#### **Local Lists of Landfill / Solid Waste Disposal Sites**

SWRCY..... Recycling/Recovered Materials Processors Directory  
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands  
ODI..... Open Dump Inventory  
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

## EXECUTIVE SUMMARY

IHS OPEN DUMPS..... Open Dumps on Indian Land

### **Local Lists of Hazardous waste / Contaminated Sites**

AOCONCERN..... Area of Concern  
US HIST CDL..... Delisted National Clandestine Laboratory Register  
CDL..... Clandestine Methamphetamine Lab Sites  
US CDL..... National Clandestine Laboratory Register  
PFAS..... PFAS Contamination Site Listing  
AQUEOUS FOAM..... Aqueous Film Forming Foam Release Investigations

### **Local Lists of Registered Storage Tanks**

HIST UST..... Underground Storage Tank Information

### **Local Land Records**

LIENS 2..... CERCLA Lien Information

### **Records of Emergency Release Reports**

HMIRS..... Hazardous Materials Information Reporting System  
SPILLS..... Emergency Response Data

### **Other Ascertainable Records**

FUDS..... Formerly Used Defense Sites  
DOD..... Department of Defense Sites  
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing  
US FIN ASSUR..... Financial Assurance Information  
EPA WATCH LIST..... EPA WATCH LIST  
2020 COR ACTION..... 2020 Corrective Action Program List  
TSCA..... Toxic Substances Control Act  
TRIS..... Toxic Chemical Release Inventory System  
SSTS..... Section 7 Tracking Systems  
ROD..... Records Of Decision  
RMP..... Risk Management Plans  
RAATS..... RCRA Administrative Action Tracking System  
PRP..... Potentially Responsible Parties  
PADS..... PCB Activity Database System  
ICIS..... Integrated Compliance Information System  
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)  
MLTS..... Material Licensing Tracking System  
COAL ASH DOE..... Steam-Electric Plant Operation Data  
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List  
PCB TRANSFORMER..... PCB Transformer Registration Database  
RADINFO..... Radiation Information Database  
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing  
DOT OPS..... Incident and Accident Data  
CONSENT..... Superfund (CERCLA) Consent Decrees  
INDIAN RESERV..... Indian Reservations  
FUSRAP..... Formerly Utilized Sites Remedial Action Program  
UMTRA..... Uranium Mill Tailings Sites  
LEAD SMELTERS..... Lead Smelter Sites

## EXECUTIVE SUMMARY

US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
US MINES.....	Mines Master Index File
ABANDONED MINES.....	Abandoned Mines
FINDS.....	Facility Index System/Facility Registry System
ECHO.....	Enforcement & Compliance History Information
UXO.....	Unexploded Ordnance Sites
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
COAL ASH.....	Coal Ash Disposal Sites
DRYCLEANERS.....	Drycleaner Facility Listing
Financial Assurance.....	Financial Assurance Information Listing
NPDES.....	NPDES Permit Listing
TIER 2.....	Tier 2 Data Listing
UIC.....	UIC Listing
MINES MRDS.....	Mineral Resources Data System

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto.....	EDR Exclusive Historical Auto Stations
EDR Hist Cleaner.....	EDR Exclusive Historical Cleaners

### EDR RECOVERED GOVERNMENT ARCHIVES

#### ***Exclusive Recovered Govt. Archives***

RGA HWS.....	Recovered Government Archive State Hazardous Waste Facilities List
RGA LUST.....	Recovered Government Archive Leaking Underground Storage Tank

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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 registered storage tank lists***

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Management's AST Data with Owner/Site/Tank Information database.

A review of the AST list, as provided by EDR, and dated 04/21/2021 has revealed that there is 1 AST



## EXECUTIVE SUMMARY

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>
ALABAMA CONCRETE CO Facility Id: 23378 89 19452	130 ROUND BAR RD	ENE 0 - 1/8 (0.016 mi.)	1	8

### ADDITIONAL ENVIRONMENTAL RECORDS

#### ***Other Ascertainable Records***

RCRA NonGen / NLR: 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.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/22/2021 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.













<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>BIG COVE WASTEWATER</b> EPA ID:: ALR000029447	<b>260 ROUND BAR DRIVE</b>	<b>NNE 1/8 - 1/4 (0.221 mi.)</b>	<b>2</b>	<b>9</b>

## EXECUTIVE SUMMARY

There were no unmapped sites in this report.

# OVERVIEW MAP - 6672018.2S



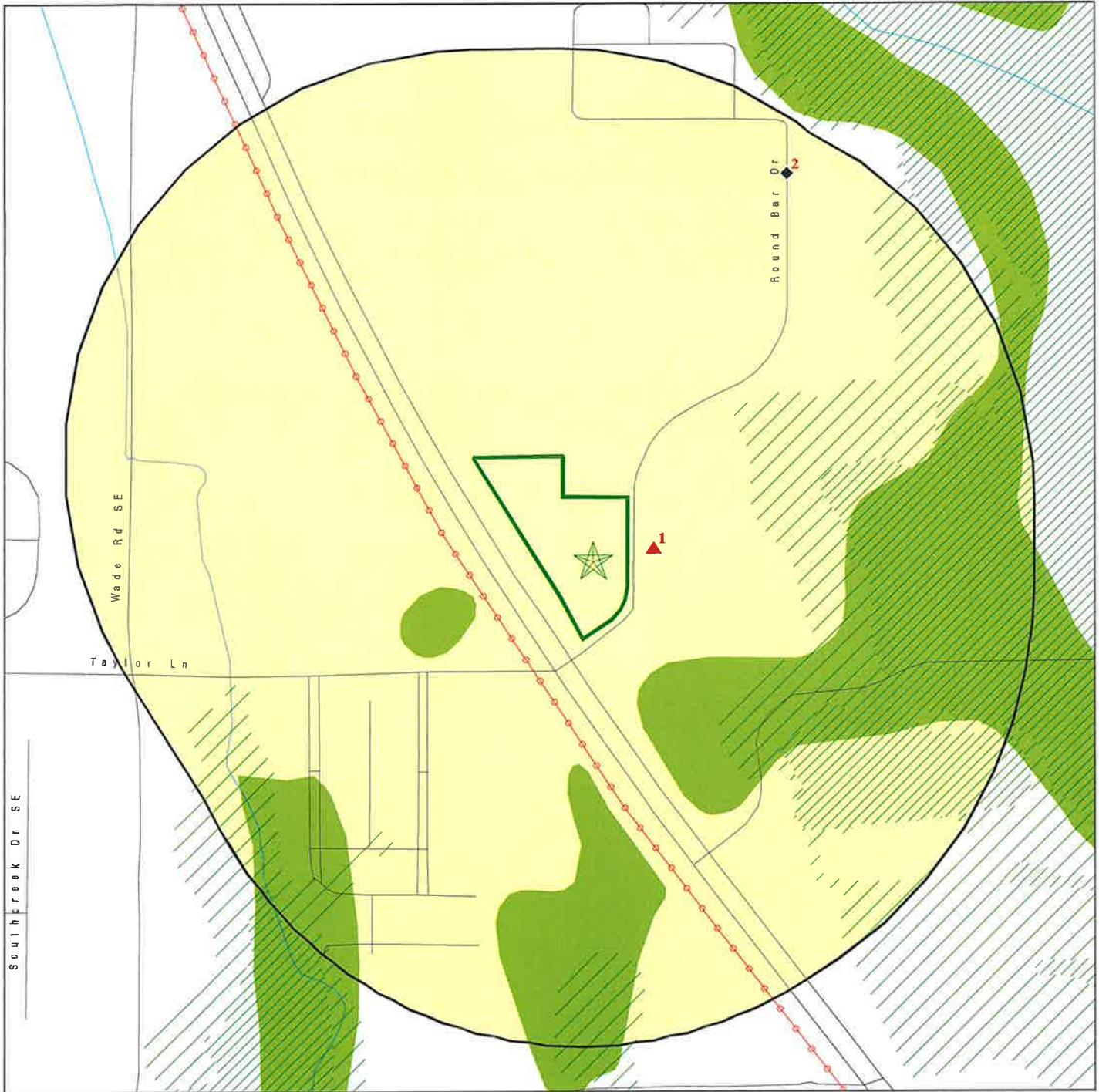
- |  |   |  |
|--|---|--|
|  Target Property   |  Indian Reservations BIA         |  Areas of Concern |
|  Sites at elevations higher than or equal to the target property |  Power transmission lines        |  |
|  Sites at elevations lower than the target property              |  Special Flood Hazard Area (1%)  |  |
|  Manufactured Gas Plants   |  0.2% Annual Chance Flood Hazard |  |
|  National Priority List Sites                                    |  National Wetland Inventory      |  |
|  Dept. Defense Sites   |   |  |














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: Storease Roundbar Drive  
 ADDRESS: Not Reported  
 Owens Cross Roads AL 35763  
 LAT/LONG: 34.646435 / 86.474937

CLIENT: OMI, Inc.  
 CONTACT: Jesse Wheat  
 INQUIRY #: 6672018.2s  
 DATE: September 21, 2021 5:37 pm

# DETAIL MAP - 6672018.2S



-  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
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard
-  National Wetland Inventory
-  Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

<p><b>SITE NAME:</b> Storease Roundbar Drive  <b>ADDRESS:</b> Not Reported                  Owens Cross Roads AL 35763  <b>LAT/LONG:</b> 34.646435 / 86.474937</p>	<p><b>CLIENT:</b> OMI, Inc.  <b>CONTACT:</b> Jesse Wheat  <b>INQUIRY #:</b> 6672018.2s  <b>DATE:</b> September 21, 2021 5:39 pm</p>
--	---

## **APPENDIX D**

**RESUME**

**I. PERSONAL DATA**

NAME: JOHN M. OZIER

POSITION: Principal  
OMI, Inc.  
Huntsville, Alabama

**II. EDUCATION/SPECIAL TRAINING/PROFESSIONAL SOCIETIES**

COLLEGE: BS in Civil Engineering, Auburn University, 1973  
MS in Civil Engineering, Auburn University, 1976

PROFESSIONAL REGISTRATIONS: P.E. in Alabama, No. 12763  
P.E. also in Florida, Georgia, Tennessee, Mississippi

PROFESSIONAL ORGANIZATIONS: American Society of Civil Engineers  
State Director, 2000 – 2008  
Member since 1975  
National Society of Professional Engineers  
Huntsville Chapter President, 1989-90 & 1990-91  
Math Counts Chairman, 1989 - 1994  
Vice President, Treasurer  
State Convention Committee, 1994  
Alabama Section Vice President, 1994-95 & 95-96  
University of Alabama in Huntsville (UAH), Civil and  
Environmental Engineering Program Advisory  
Council, 1999 - Present  
Board of Visitors, Auburn University, Department  
of Civil Engineering, 1979 - 1984  
American Consulting Engineers Council  
Joint Engineers Council of Alabama 1985 - 1995  
Mayor's Committee for Review of Slope Ordinance 1989-90

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### CIVIC ACTIVITIES/ ORGANIZATIONS:

Huntsville/Madison County Chamber of Commerce  
Rotary International, Greater Huntsville, 1994 – Present  
Speakers Committee, 1995 and 2000  
Chairman, Community service 2010  
Chairman, Vocational Services 2011  
New Member Orientation Director 2016 to present  
American Heart Association, Volunteer  
Panoply Volunteer  
United Way Fund, 1989/2004/2005 Chairman, Professional  
Group  
Huntsville Museum of Art, Member  
Huntsville Land Trust, Member  
First United Methodist Church: Sunday School Teacher,  
Building Committee Member 1999-2002  
City of Huntsville Board of Zoning Adjustment, 2014 to present

### PUBLICATIONS:

“Factors Affecting the Unconfined Compression Strength of  
Salt-Lime Treated Clay” By Johnny M. Ozier and Raymond K.  
Moore; Transportation Research Record No. 641 Stabilization  
of Soils 1977

### PRESENTATIONS:

“The Occurrence and Development of Sinkholes,” Joint  
Alabama/Mississippi Meeting of The American Society of  
Civil Engineers, 1974

“Factors Affecting the Unconfined Compression Strength of  
Salt-Lime Treated Clay” By J. M. Ozier and R. K. Moore  
Presented to the Transportation Research Board By J. M.  
Ozier, Washington DC , 1977

“Hydrology For Small Impoundments,” Presented to Law  
Engineering and Testing Service, 1977

“Slope Stability In Infrastructure Development,” Alabama  
State Section Meeting, The American Society of Civil  
Engineers, Gulf Shores, AL, 1993

“Slope Stability and the New Ordinance in Huntsville,”  
Huntsville Chapter of The American Society of Civil  
Engineers, January 1996

“Developing in Steeply Sloping Terrain,” Huntsville

Chapter of AIA, April 1996  
“Pre-Loading Soils to Induce Settlement,” Alabama  
Section Meeting, ASCE, Gulf Shores, AL, August 1997  
“Understanding Soil Compaction,” Huntsville Chapter of  
ASCE, November 1998  
“Compaction and Preparation of Residential Building Pads,”  
North Alabama Building Officials Meeting, February 1999

Guest Lecturer: Soil Mechanics Class, University of  
Alabama, Tuscaloosa, AL, “Pre-Loading to Induce  
Consolidation” and “Landslides and Solutions,” April 2000

“Noninvasive Subsurface Profiling,” Alabama State Section  
Meeting of the American Society of Civil Engineers, August 2006

**AWARDS:**

Engineer of the Year, Huntsville Chapter, ASPE 1991-92  
Mayor’s Award for contributions to the City of Huntsville  
Alabama in establishing Mountainside Regulations, 1991

Engineer of the Year, Alabama Section, National Society of  
Professional Engineers, Professional Engineers in Private  
Practice 1995-1996

**III. WORK EXPERIENCE**

1995 to Present

Principal, OMI, Inc., Huntsville, AL

1983 to 1995

Principal/Branch Manager, Ground Engineering and  
Testing Service, Inc., Huntsville, AL

Responsibilities included branch management, marketing and  
directing the geotechnical group which consisted of the  
geological, geotechnical, and environmental departments.  
Also responsible for the technical quality of the engineering  
reports.

1980 to 1983

Vice President, Geotechnical and Engineering Manager,  
Pensacola Testing Laboratories, Inc., Pensacola, FL

Responsibilities included client development, project  
management, reviewing financial reports, and technical  
overview.

1976 to 1980

Project Engineer, Law Engineering and Testing Company,  
Birmingham, AL



## RESUME – JOHN M. OZIER

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- 1974-1975                      Taught Soils Lab, Auburn University, Auburn, AL
- 1973-1975                      Summer Employment as Soil Technician, Law Engineering,  
Birmingham, AL

## REPRESENTATIVE PROJECT EXPERIENCE GEOTECHNICAL/MATERIALS ENGINEERING

### Industrial and Manufacturing

1. Boeing Military Airplane Company, Huntsville, Alabama
2. Target Southeastern U.S. Distribution Center, Huntsville, Alabama
3. Toyota Motor Company Engine Plant, Huntsville, Alabama
4. Toyota, Bodine Aluminum, Jackson, Tennessee
5. Toyota Manufacturing, Blue Springs, Mississippi
6. Murray Ohio Manufacturing Company, Lawrenceburg, Tennessee
7. Exxon USA Tertiary Recovery System, St. Regis Gas Plant, Jay, Florida
8. U. S. Steel, Bessemer, Alabama
9. National Cement, Ragland, Alabama
10. Monsanto Company, Pensacola, Florida and Decatur, Alabama
11. LCP Chemicals, Brunswick, Georgia
12. Lucas Industries, Greenville, South Carolina
13. Diamond Shamrock Chemical Company, Muscle Shoals, Alabama
14. Olin Chemical Corporation, McIntosh, Alabama
15. Kellwood Industries, Hendersonville, North Carolina
16. Champion Paper Company, Courtland, Alabama
17. Champion Paper Company, Cantonment, Florida
18. Chrysler Electronic City, Huntsville, Alabama
19. Beaulieu Nylon Plant, Bridgeport, Alabama
20. General Electric Company, Decatur, Alabama
21. McDonnell-Douglas, Huntsville, Alabama
22. Teledyne-Brown, Huntsville, Alabama
23. Lockheed, Huntsville, Alabama
24. Thiokol, Huntsville, Alabama
25. Dunlop Tires, Huntsville, Alabama
26. Eagles Snack Plant, Fayetteville, Tennessee
27. 3-M, Decatur, Alabama
28. Alpo/Jim Dandy Pet Foods, Decatur, Alabama
29. Daikin, Decatur, Alabama
30. Hispan Corporation, Decatur, Alabama

### Commercial Multi-Story Structures

1. Holiday Inn, Decatur, Alabama
2. Federal Credit Union, Montgomery, Alabama

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3. Office Park South Complex, Huntsville, Alabama
4. Civic Plaza Center, Huntsville, Alabama
5. Teledyne Brown Engineering, Huntsville, Alabama
6. Wyle Laboratories, Huntsville, Alabama
7. Redstone Federal Credit Union, Huntsville, Al; Murfreesboro, TN
8. Turner Beverage Facilities, Huntsville, Alabama
9. Regency Center, Huntsville, Alabama
10. Huntsville Marriott, Huntsville, Alabama
11. Radisson Suite Hotel, Huntsville, Alabama

### Schools/Colleges

1. Alabama A & M University, Normal, Alabama (numerous buildings)
2. Pensacola Christian College, Pensacola, Florida (numerous buildings)
3. Decatur City Schools, Decatur, Alabama (several schools)
4. Jacksonville State University, Jacksonville, Alabama
5. Lauderdale County Board of Education, Lauderdale County, Alabama (several schools)
6. University of Alabama in Huntsville, Huntsville, Alabama (several buildings)
7. Auburn University, Auburn, Alabama
8. Athens State College, Athens, Alabama (several buildings)
9. University of North Alabama, Florence, Alabama (several buildings)
10. Tri-County Bible School, Decatur, Alabama
11. Shoals Community College, Muscle Shoals, Alabama (several buildings)
12. Northwest Community College, Russellville, Alabama (several buildings)
13. Madison County Schools, Huntsville, Alabama (several buildings)
14. Huntsville City Schools, Huntsville, Alabama (several buildings)

### Health Care Facilities

1. North Alabama Rehabilitation Hospital, Huntsville, Alabama
2. Huntsville Hospital, Huntsville, Alabama
3. Eliza Coffee Memorial Hospital, Florence, Alabama
4. Guntersville/Arab Medical Center, Guntersville, Alabama
5. Orthopedic Associates Clinic, Huntsville, Alabama
6. Humana Hospital, Panama City, Florida
7. Westwood Retirement Home, Fort Walton Beach, Florida
8. University of Alabama Medical Center, Birmingham, Alabama

### Water and/or Waste Treatment Plants

1. Chase Water Treatment Plant, Huntsville, Alabama

2. Navarre Beach Treatment Plant, Navarre, Florida
3. Fort Morgan Treatment Plant, Fort Morgan, Alabama
4. Guntersville Treatment Plant, Guntersville, Alabama
5. Buncumbie County Treatment Plant, Asheville, North Carolina
6. Stevenson Treatment Plant, Stevenson, Alabama
7. Hunters Crossing Waste Water Treatment Plant, Madison, Alabama
8. Aldridge Creek Waste Water Treatment Plant, Huntsville, Alabama
9. Southwest Waste Water Treatment Plant, Huntsville, Alabama
10. Western Area Water Treatment Plant, Waste Water Treatment Plant, Huntsville, Alabama
11. Plants 1 and 1A Waste Water Treatment Plant, Huntsville, Alabama
12. Eastern Area Water Treatment Plant and Intake, Huntsville, Alabama

Government

1. Naval Air Station, Pensacola, Florida (several buildings)
2. Eglin Air Force Base, Fort Walton Beach, Florida (several buildings)
3. Tyndall Air Force Base, Panama City Florida
4. Marshall Space Flight Center, Building 4203, Huntsville, Alabama
5. Redstone Arsenal, Sparkman Center & LOGSA Building, Huntsville, Alabama (several buildings)
6. Alabama Super Computer Building, Huntsville, Alabama
7. City of Huntsville, Municipal Building, Huntsville, Alabama
8. Criminal Justice Center, Huntsville, Alabama
9. U. S. Space Camp, Huntsville, Alabama
10. U. S. Space and Rocket Center, Huntsville, Alabama
11. Von Braun Civic Center, Huntsville, Alabama

Dams and Dikes

1. St. Regis Paper Company (new and existing), Pensacola, Florida
2. Jim Walter Resources (new and existing), No. 7 and No. 3 Mine, Tuscaloosa County, Alabama
3. Bankhead Mining Company (new and existing), Cobb Mine, Walker County, Alabama
4. Segco Mine (existing), Straven, Alabama
5. U. S. Steel, Concord Mine, Concord, Alabama
6. Jim Walter Resources, Flat Top Mine, 2 Slurry Impoundment Dams, Flat Top, Jefferson County, Alabama
7. Jim Walter Resources, Bessie Mine, 3 Slurry Impoundment Dams 40 to 85-ft tall, near Graysville, Alabama

Special Studies

1. Slopes and Landslide Potential Study, City of Huntsville, Alabama

2. Aggregate Reserve Studies for several mining concerns
3. Sinkhole Studies, State Farm Insurance, Huntsville, Alabama
4. Sinkhole Study, Onan Corporation, Huntsville, Alabama
6. Mine Subsidence Study, Graysville, Alabama
7. Preloading Jacking and Remediation of Condominium Complex after 7-in of Settlement, Fort Walton, Florida
8. Remedial Foundation Design of Condominium after 3-in of Settlement during Construction, Pensacola Beach, Florida
9. Subsurface Studies for 7 Off-Shore Oil Platforms in the Gulf of Mexico from near the Mississippi River mouth to east of Padre Island for the Gulf Oil Company
10. Subsurface Study for 1200-ft Long Directional Bore for 16-in Gas Pipeline beneath Honeycomb Creek, Guntersville Lake, Tennessee River, for Huntsville Utilities, Huntsville, Alabama

Stadiums and Sports Facilities

1. Football Stadium, Alabama A & M University, Normal, Alabama
2. Civic Center Arena, Pensacola, Florida
3. Aquatic Center, University of West Florida, Pensacola, Florida
4. Milton High School Stadium Addition, Milton, Florida
5. Milton Frank Stadium Rehabilitation, Huntsville, Alabama

**REPRESENTATIVE PROJECT EXPERIENCE  
ENVIRONMENTAL STUDIES**

1. Numerous Environmental Site Assessments for clients in Alabama and Tennessee, including:
  - Commercial Buildings
  - 1000-Acre Industrial Site
  - Filling Stations
  - Textile Mills
  - Light Industries
  - Industrial Properties
2. Spill Prevention Control and Containment Plans (SPCC), Birmingham and Huntsville, Alabama, and other cities
3. Underground Storage Tank Closures
4. Remediation of Petroleum Contaminated Soils, Huntsville, Alabama
5. Wetland Delineation and Environmental Studies, estimate 100 + sites, Alabama and Tennessee
6. Environmental Permitting for Sand and Gravel Operation, Madison County, Alabama
7. Environmental Permitting for Sand Quarry, Marshall County, Alabama
8. Surface Mine Permitting for Sand Quarry, Marshall County, Alabama, including water supply and silt containment structures, 3 dams

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9. Permitting for Borrow Pits
10. Characterization of Contaminated Soils for Disposal Purposes, Huntsville, Alabama
11. NEPA Studies and Environmental Assessments, multiple sites and projects, Roads, cell towers, Federal Projects

## RESUME

### I. PERSONAL DATA

NAME: JESSE J. WHEAT  
POSITION: Staff Geologist  
OMI, Inc.  
Huntsville, Alabama  
DATE OF BIRTH: June 10, 1986

### II. EDUCATION

COLLEGE: BS in Geology, University of South Alabama, 2010.

PROFESSIONAL  
CERTIFICATIONS: Professional Geologist in Alabama, No. 1502

### III. WORK EXPERIENCE

June 2020 to Present Staff Geologist, OMI, Inc., Huntsville, AL

Responsibilities include both field and office work focused on ASTM Phase I and Phase II Assessments, Underground Storage Tank (UST) closures, development of Spill Prevention Control and Countermeasure (SPCC) plans, and Geophysical testing. Other duties include coordinating projects and interfacing with local, state, and federal agencies.

April 2013 – June 2020 Project Geologist, S&ME, Inc., Huntsville, AL

Responsibilities include both field and office work focused on ASTM Phase I and Phase II Assessments, Spill Prevention Control and Countermeasure (SPCC) Plans and Best Management Practice (BMP) Plans, groundwater monitoring plans for underground storage tank (UST) and landfill facilities. Groundwater remediation using dual-phase extraction and air sparging techniques.

March 2011 to December 2012      Geo-technician, SAIC, Inc., Casper, WY

Performed baseline water sampling, stray gas investigations, and special projects for natural gas clients in Wyoming and Colorado.

#### **IV. REPRESENTATIVE PROJECT EXPERIENCE**

##### Environmental

1. Numerous ASTM Phase I Environmental Site Assessments for properties in Alabama, Georgia, and Tennessee including commercial buildings, agricultural property, and industrial sites.
2. Groundwater monitoring field work and report preparation of UST for numerous sites under the Alabama Tank Trust Fund (ATTF).
3. ASTM Phase II Studies for contaminants including groundwater and soil sampling.
4. Developed numerous SPCC plans in over 16 states.
5. Developed BMP/Storm Water Pollution Prevention Plans for industrial facilities in Alabama and Tennessee.

# RESUME

## I. PERSONAL DATA

NAME: J. Ethan Maples  
POSITION: Staff Geologist  
OMI, Inc.  
Huntsville, Alabama  
DATE OF BIRTH: July 24, 1996

## II. EDUCATION

COLLEGE: BS in Geology, Auburn University, 2018

## III. WORK EXPERIENCE

April 2021 – Present Staff Geologist, OMI, Inc., Huntsville, AL

Responsibilities include field testing and assigning laboratory tests under the supervision of staff and professional engineers and preparing geotechnical and environmental proposals and reports under senior engineers.