LOUISIANA NATURAL AND SCENIC RIVERS SYSTEM

PERMIT APPLICATION

Permit #____855____ (Assigned by Department)

The Louisiana Department of Wildlife and Fisheries' Scenic Rivers program is authorized by LRS title 56, Chapter 9 Part II. This law requires permits authorizing activities in or affecting rivers that have been designated by the Louisiana Legislature as Natural and Scenic. Information provided on this form will be used in evaluating the application for a permit. Information in this application is made a matter of public record through issuance of a public notice. Disclosure of the information requested is voluntary, however, the data requested are necessary in order to communicate with the applicant and to evaluate the permit application. If necessary information is not provided, the permit application cannot be processed nor can a permit be issued.

APPLICANT INFORMATION

Name of Applicant Timothy and Marianne Hood	Name of Agent (if any) Kyle Associates, LLC- Cullie McCain
Address 17061 Three Rivers Road	Address 638 Village Lane North
Address	Address
City, State, Zip Covington, La 70433	City, State, Zip Mandeville, La 70471
Phone 225-921-2710	Phone 985-727-9377

DESCRIPTION OF THE PROPOSED ACTIVITY

Brief summary of the description and purpose of the proposed activity (details to be attached as a separate document)

Construction of a residential home on a developed tract of land along the Tchfuncte River.

Is any portion of the activity complete? YES NO (If yes indicate month and year of completion)

LOCATION OF PROPOSED ACTIVITY

Stream Name	Tchfuncte River	Names, Addresses, Phone Numbers of Adjacent Property Owners
Parish	St. Tammany	Peterson Family 17040 Three Rivers Rd.
Section	17	Poirer Family - 17081 Three Rivers Rd.
Township	7 South	
Range	11 East	
Latitude/Longitude	30.4345; 90.1127	

ENVIRONMENTAL ASSESSMENT

Must be a separate document. See the attached instruction sheet for completing the assessment.

CONFIRMATION OF INFORMATION ACCURACY

Application is hereby made for a Scenic River Use Permit to authorize the activities described herein. I certify that I am familiar with the information contained in this application, and that, to the best of my knowledge and belief, such information is true, complete, and accurate. I further certify that I possess the authority to undertake the proposed activities, or I am acting as the duly authorized agent of the applicant.

Cullie G. McCain
Signature

09.11.12
Date

Form # LSR3 May 2002

State of Louisiana

BOBBY JINDAL
GOVERNOR

DEPARTMENT OF WILDLIFE AND FISHERIES

ROBERT J. BARHAM
SECRETARY

Dear Scenic River Permit Applicant:

Please review and concur on the following statement regarding the issuance of permits by the Louisiana Department of Wildlife and Fisheries. This agreement must be signed and returned before a Scenic River Permit can be issued.

"I have been advised and do understand that by applying for and accepting a Scenic Rivers permit issued by the Louisiana Department of Wildlife and Fisheries, I am being allowed to engage in an activity which would otherwise be prohibited by law or for which a permit is required. I understand that the permit is not a license and confers no property right upon me. I specifically agree to abide by all State and Federal fish and wildlife laws and regulations, and all State and Federal laws and regulations which relate to this permit or the permitted activity, and by all other terms and conditions of this permit. I understand that the permit for which I am applying may be suspended, annulled, withdrawn or revoked and that I may be assessed civil penalties, all in accordance with the provision of the Louisiana Administrative Procedure Act, and that I may be denied future permits as a consequence of my failure to fully and completely comply with the terms and conditions of the permit, as well as other laws and regulations pertinent thereto. If served with or notified of a cease and desist order signed by the Scenic Rivers Administrator, I agree to immediately and without delay cease all activities and operations which relate to the permitted activity or which are impacting the Scenic River, until such time as the matter can be resolved in an adjudicatory hearing pursuant to the Louisiana Administrative Procedure Act. I understand and agree that any permit issued to me by the Louisiana Department of Wildlife and Fisheries is in the nature of a privilege which is being voluntarily extended to me by the Department and the failure on my part to cooperate with the Department can result in the loss of the privilege conferred and the denial of future requests for permits. By accepting this permit, I evidence my agreement to be bound by all conditions and stipulations set forth herein."

Willie McCain FOR Timothy Hood
Authorized Signature

09-13-12
Date

REV. 12/7/98

ATTACHMENTS AND ENVIRONMENTAL ASSESSMENT

1. A complete description of the proposed project (including drawings).
2. A map showing the exact location of the project on the river.
3. Photographs of the project site from both banks of the river (if possible) and an upstream and downstream view of the project site from the project side of the river.
4. A list of all other local, state and federal permits required for this project.
5. An environmental assessment which includes separate evaluation of impacts on each of the following:

a. Existing Land Use
b. Historical/Archeological Sites
c. Economic Impact of the Project
d. Wilderness/Rural Quality
e. Scenic/Aesthetic Value
f. Recreational Use/Opportunities
g. Ecological Systems Present
h. Fish and Wildlife in the Area
i. Botanical Elements (Vegetation)
j. Geological Features
k. Hydrological Features
l. Water Quality/Quantity

For each of these criteria, detail existing conditions, potential adverse impacts, if any, and mitigative measures being taken to minimize, eliminate or compensate for those impacts. Provide a statement of justification for each proposed action and a discussion of any alternative locations and/or methods that were considered. If no impacts are projected for a criterion, then state that no impact is expected and give the reasons for that conclusion.

6. The signed original of the enclosed legal agreement.
7. A statement of the applicant=s compliance history. (Has the applicant ever been cited for a violation of the Scenic Rivers Act?)
8. A detailed listing of the steps that the applicant has taken in the development of the project to minimize and/or offset potential impacts to the river.
9. A listing of alternatives to the proposed project.

FEES AND OTHER CHARGES

The administrative fee for each application is $100.00 and must be submitted with the application. A fee of $135.00/day will be assessed for site visits and field evaluations if they are necessary. Make check payable to: State of Louisiana Scenic River Fund

Mail the completed application along with six (6) complete copies, the fee, and any additional charges to:

Louisiana Department of Wildlife and Fisheries
Scenic Rivers Program
P.O. Box 98000
Baton Rouge, LA 70898-9000
Telephone: (225) 343-4045

INFORMATION ON THE SCENIC RIVER PERMIT PROCESS

The Louisiana Legislature has prohibited certain uses on designated watercourses to preserve, protect, develop, reclaim and enhance their natural and scenic qualities (Act 947 of 1988). Prohibited uses are: (1) channelization, (2) channel realignment, (3) clearing and snagging and (4) reservoir construction (impoundment), (5) clearcutting of trees for commercial purposes within 100 feet of the ordinary low water mark of a designated Natural and Scenic River.

Uses other than those that are prohibited that have potential of causing direct and significant degradation to a Scenic River or its tributaries are regulated by a permit process and multi-agency review by the Department of Wildlife and Fisheries, Department of Environmental Quality, Department of Agriculture and Forestry, Department of Culture, Recreation, Tourism, and the Office of State Planning & Budget, and frequently in collaboration with other State and Federal regulatory functions. Examples of these include crossings by roads, pipelines and utilities, discharges, mining, piers, bulkheads and other non-conforming structures and activities.

After a complete and sufficient application has been assigned a permit number by the Scenic Rivers Coordinator, the copies are distributed to the review agencies for a full and thorough evaluation of thirty (30) days duration. During this time the coordinator may schedule and make a site inspection. The applicant publishes a description of the proposed use in selected newspapers and sends evidence of this to the Coordinator. The public comment period is forty-five (45) days and begins with the date of publication in the official state journal. If there is sufficient interest from the public, a public hearing may be held. The decision by the Administrator (Secretary of the Department of Wildlife and Fisheries) to grant or deny the permit will be made within fifteen (15) days after the public comment period or the public hearing (if one is held). Most permits are valid for the useful life of the project, but are invalidated if the permitted activity has not begun within eighteen (18) months. Applicants may appeal denial of a permit to the 19th Judicial District Court after an administrative hearing in accordance with the State Administrative Procedure Act.

In serious and urgent situations, the waiting periods for standard permitting procedures may be waived and an emergency permit granted by the Administrator. For these emergency procedures to be applicable, it must be clearly indicated in the application and the site inspection that circumstances are sufficiently dire, through no fault of the applicant, to represent imminent harm to human health or the immediate environment and that those circumstances would significantly worsen during the review period required by standard procedure.

CHECKLIST OF APPLICANT RESPONSIBILITIES IN THE SCENIC RIVER PERMIT PROCESS

✓ 1. Submit the original application along with six complete copies. In addition to addressing each of the twelve (12) criteria of the environmental assessment, the application must also contain the following information:

- ___ a. Project description & scaled drawings
- ___ b. Vicinity map of project location
- ___ c. Color photos of project site (7 sets)
- ___ d. List of other permits required
- ___ e. Signed legal agreement
- ___ f. Statement of compliance history
- ✓ g. List of steps taken to minimize impact
- ✓ h. List of project alternatives
- ✓ i. $100 permit fee
- N/A j. Site visit fees (if applicable)

✓ 2. Publish public notices in the official state journal and the official parish journal of the parish where the project is located. Mail proof of publication to the Scenic Rivers Coordinator.

✓ 3. Begin permitted activity within eighteen months of permit issuance.

INSUFFICIENT OR INCOMPLETE APPLICATIONS WILL BE RETURNED TO THE APPLICANT

I. INTRODUCTION

The Tchefuncte River, a Louisiana Scenic River, starts north of Franklinton, then travels southerly, emptying into Lake Ponchartrain in Madisonville, La. This is one of the most scenic and developed rivers in St. Tammany Parish. It provides recreational opportunities for boaters, swimmers and fisherman. It also provides unparalleled residential opportunities for those seeking water front property, with very few developable sites available. This application addresses a proposed single family home located on Three Rivers Road in Covington, La.

II. DESCRIPTION OF PROPOSED PROJECT

This project consists of the construction work to build a single family home on a fully developed lot also including a pool and pool house.

III. DESCRIPTION OF PROPOSED PROJECT AREA

Project Description entails construction of a single family residence and swimming pool, as shown on the attached plats.

IV. PERMITS

Louisiana Coastal Use Permit/U.S. Army Corps of Engineers, Scenic Rivers Permit

V. PERMIT EVALUATION CRITERIA

1. Existing Land Use:

The lot is currently a single family residential lot that houses a carriage house and boat dock. The entire site is developed as driveway, structure, or lawn, and maintained as such. The lots to both the north and the south of the subject site are developed in the same manner, but both with residences, pool, and boat dock facility.

2. Historical/Archeological Sites

No historic or archeological activities are evident on the site.

3. Economic Impact of Project

The project is an existing private residence, with the development plans to continue that use by adding a second residential structure and pool to the property. Other than investment in the community and employment of construction workers and suppliers, there is no significant economic impact of the project.

4. Wilderness/Rural Quality

Since this site, and the adjacent sites in the area are currently in a developed state, the rural or wilderness quality will not be adversely changed with the addition of this project. The project consists of constructing an additional residential structure and pool on the existing back lawn of the current residential structure. No cypress or oak trees will be removed from the site, and nothing will change along the water front. Both adjacent residences are developed to a greater degree than this site, even in its completed state, and all properties in the area are consistent with river front development throughout the region.

5. Scenic/Aesthetic Value

The project site is not on the main channel of the Tchefuncte, but on a lagoon to the east side, just south of the Interstate 12. Currently, there exist a substantial cypress tree on the bank, and a water oak. Both of these trees will remain. The rest of the shoreline is maintained as a lawn down to the water's edge. This is consistent with adjacent lots on the lagoon. The existing boat dock is being retrofitted with new material, but in keeping with the boat houses in the area. Additionally, a 15' boat slip exists which is bulk-headed, but this slip is cut back into the lawn so it is not visible from the main channel, or the approach in the lagoon. With the improvements to the boat house the aesthetic quality of this property is greatly enhanced.

6. Recreational Opportunity

Implementation of the proposed project will allow better recreation access for the homeowner as the facility will be safer and more convenient, which will increase the recreational opportunity for the homeowner. Additionally, the retrofitted boat house is more convenient for guest boaters to make use of the river as well. There will be no impact on the public use of the waterway.

7. Ecological Systems Present

The ecological system that exists at the time of this application will not change as a result of this project. The shoreline will remain as is. Additionally, the implementation of this project will require an upgraded residential wastewater system to be installed, which will improve the quality of treated wastewater and storm water runoff leaving this site.

8. Fish and Wildlife in Area

There currently is no substantial wildlife on the property, as the site is currently developed as a single family residence. The wildlife that exists would be limited to small mammals and reptiles that frequent water edge habitats. There will be no negative

impact on the fish species, but possibly an improved water quality habitat due to the installation of a new individual wastewater treatment system.

9. Botantical Elements

The botanical profile of the site consists of one significant cypress tree along the waterfront, and one water oak on the northern end of the property, about 10' from the shoreline. Both of these trees will be preserved. Additionally, there exists several crepe myrtles near the in the scenic river buffer that were planted by the previous property owner. These are not native species, but are going to be relocated on the site as a part of an overall landscape master development plan. The remaining flora of the site is lawn area and typical residential landscaping.

10. Geological Features

No geological changes are proposed on the site, with the exception of the foundation development for the new residence.

11. Hydrological Features

The hydrological profile of the site will remain unchanged. The existing residence is a raised cottage, with and enclosed lower level garage. The proposed residence will be elevated as well with building material and methods that meet current building codes for flood plain construction. As this site is on a lagoon and off the main channel, with the interstate embankment upstream, much of the flow during flood stage is backwater without tremendous velocity. These improvements will not alter that flow pattern.

12. Water Quality/Quantity

During construction, full protective measures will be in place for erosion control and storm water runoff. Upon completion of the project, all exposed soil will be stabilized with sod or other landscape material fitting for the environment. Additionally, the installation of a new wastewater treatment plant will ensure a higher quality discharge into the storm water system than currently exists.

VI ALTERNATIVES

There are no alternative sites that have been considered on the Tchefuncte River where the proposed site could be accomplished. This project is continued development of an existing residence.

PREFACE

Kyle Associates, LLC has performed a Phase I Environmental Site Assessment of a 1.09 acre tract of land situated in St. Tammany Parish on Three Rivers Road in Covington, Louisiana.

The report is divided into sections per ASTM E1527-05 and provides the user with the information relating to the likelihood of a recognized environmental condition associated with the property being investigated. A summary of the information presented in each section is as follows:

- **Section 1.0** outlines the purpose and scope of the assessment.
- **Section 2.0** provides information regarding the site location, site characteristics, site improvements, and current and previous uses of the subject property.
- **Section 3.0** provides information regarding the title, liens, valuation and owner information.
- **Section 4.0** includes a review of the federal and state regulatory records specified in the American Society for Testing Material E1527-05 Standard Practice for Environmental Site Assessments. Federal, state, and local regulatory agency records including, but not necessarily limited to, the National Priorities List (NPL), the Comprehensive Environmental Response, Compensation, and Liability Information System (CERCILS), Resource Conservation and Recovery Act Information System (RCRIS), Emergency Response Notification System (ERNS), Louisiana registered Underground Storage Tanks (UST's) and Leaking Underground Storage Tanks (LUST's), Louisiana Solid Waste Facilities/Landfill sites (SWF/LS) were evaluated for on-site and surrounding property regulatory compliance.
- **Section 5.0** presents information about the observations made during an on-site reconnaissance of the subject property as well as an assessment of the potential sources of contamination from off-site locations in close proximity to the subject site. Potential sources of surface, airborne, and waterborne contamination were evaluated and reported.
- **Section 6.0** includes information relating to interviews.
- **Section 7.0** presents the report findings.
- **Section 8.0** presents an opinion of the findings.
- **Section 9.0** presents a summary of the conclusions of the Phase I Site Assessment.
- **Section 10.0** presents a summary of deviations of the Phase I Site Assessment.
- **Section 11.0** provides a list of additional services.

- **Section 12.0** provides a list of references and sources of information and references generally used in the assessment.

- **Section 13.0** provides signature(s) of environmental professional(s).

- **Section 14.0** provides qualifications of the Environmental Professional(s).

- **Section 15.0** includes APPENDICES in this report. **Appendix A** contains Site (Vicinity Map). **Appendix B** contains the Site Plan. **Appendix C** contains photographs of the site. **Appendix D** includes copies of the regulatory agency database information, which was used to formulate **Section 4.0** of the report. **Appendix E** includes copies of the Soil Conservation Map and Soil description. **Appendix F** includes Interview Documentation. **Appendix G** includes Special Contractual Conditions between User and Environmental Professional. **Appendix H** includes Professional Qualifications.

EXECUTIVE SUMMARY

A Phase I Environmental Site Assessment was conducted on the subject property to determine the presence of any visual signs or indications of environmental conditions that may represent a significant environmental condition that may affect the use of the property. The assessment revealed the following:

- Historical records, aerial photographs, and information obtained during the site walkover did not indicate any environmental threat to the subject property in connection with the current and previous uses of the subject property.

- Historical records, aerial photographs, and information obtained during the site walkover did not indicate any environmental threat to the subject property in connection with the current and previous uses of adjoining property.

- A review of Federal NPL, CERCLA, RCRA, and ERNS databases was conducted and did not reveal any site within the specified search distances of the site that may represent an environmental threat to the subject property at the present time.

- A review of the State UST, LUST, and SHWS databases was conducted and revealed no sites within the specified search distances of the subject property that represent an environmental threat to the subject property at the present time.

Based on our review of the information collected during this assessment, we believe that the environmental conditions at the site represent a **Low Environmental Risk** and do not warrant further inquiry.

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1.0 INTRODUCTION

Kyle Associates, LLC was retained by Mr. and Mrs. Tim Hood to perform a Phase I Environmental Site Assessment of a developed parcel of land located in St. Tammany Parish, Covington, Louisiana. This project was completed in general accordance with the scope and limitations set forth in ASTM E1527-05.

1.1 Purpose

The purpose of this report is to assist the client in evaluating the potential environmental liabilities, which may exist on the subject property due to current or past operation on and/or in the vicinity of the site. The site assessment is designed to provide the client with available background information regarding environmental concerns associated with the site. Recommendations for additional research or investigation are also provided where appropriate.

1.2 Detailed Scope of Services

The objective of this study is to profile the potential environmental liabilities associated with the improvements, soils, and/or groundwater at the site, and to determine the potential for contamination associated with past and present land use at the site or surrounding properties. The project was accomplished through the completion of the following tasks:

- Review historical property information, historical aerial photographs, existing reports, and other available historical data.
- Review environmental database reports that included information obtained from federal, state, and local regulatory agencies.
- Visually inspect the subject site, including photographing conditions and noting adjacent property use and conditions.

1.3 Significant Assumptions

The field observations and research reported herein are considered sufficient in detail and scope to form a reasonable basis for an environmental assessment of this site. Kyle Associates, LLC hereby gives notice that any statement or opinion contained in the report prepared by Kyle Associates, LLC shall not be construed to create any warranty or representation that the real property on which the investigation was conducted is free of pollution or complies with any or all applicable regulatory or statutory requirements, or that the property is fit for any particular purpose.

1.4 Limitations and Exceptions

Kyle Associates, LLC performed this environmental assessment in a professional manner using that degree of skill and care exercised for similar projects under similar conditions by reputable and competent environmental consultants. Kyle Associates, LLC shall not be responsible for conditions or consequences arising from relevant facts that were concealed, withheld, or not fully

disclosed at the time the assessment was conducted. All of the investigative requirements as stated in ASTM E1527-05 have been satisfied by this assessment.

1.5 Special Terms and Conditions

All appropriate inquiry into the prior uses of the property was made with good commercial and customary practices in order to identify and analyze REC's constituting existing, past or potential environmental concerns in connection with the property.

1.6 User Reliance

Any person or entity considering the use, acquisition, or other involvement or activity concerning the property which is the subject of the report should enter into any use, occupation, acquisition, or the like on sole reliance of its own judgment and on its own personal investigation of such property, and not in reliance on any representation by Kyle Associates, LLC regarding such property, the character, quality, or its value.

2.0 SITE DESCRIPTION

A description of the site and surrounding properties is provided in this section. In particular, this section provides information regarding the site location, site characteristics, and current uses of the site, description of structures and site improvements and adjoining property uses.

2.1 Site and Vicinity General Characteristics

The U.S.G.S. Quadrangle Map for this area indicates that the elevation of the site is approximately 3 feet above sea level, National Geodetic Vertical Datum (NGVD). Review of the site topography indicates that surface run-off flow is generally to the General Southwest.

The Natural Resources Conservation Service (NCRS) Soil Survey indicates that the major soil series for the site are mapped as ARAT, a mucky-silt loam that is classified as a Class D soil with slow infiltration rates. Soils are very clayey and have a high water table or are shallow to an impervious layer.

Based on depth to water table information from the U.S.G.S. 7.5' Digital Elevation Model, the local groundwater is assumed to flow to Generally Southwest based on existing topography.

2.2 Current Use of Property

The property is currently a fully developed tract of land.

2.3 Descriptions of Structures and Other Improvements on Site

The property consists of approximately 1.09 acres of land and has 1 residential structure and improvements currently on Site.

2.4 Current Uses of Adjoining Property

In general, the properties that adjoin the subject property are categorized as lands undeveloped or available for development. Specific uses of adjoining property are shown in Table 1.

Table 1: Adjoining Property Uses

ADJOINING SIDE	LAND USE
North	Residential Home
South	Residential Home
East	Residential Home
West	Tchfuncte River

3.0 USER PROVIDER INFORMATION

3.1 Title Records

No environmental concerns were identified with the historical ownership of the Property.

3.2 Environmental Liens or Activity and Use Limitations

Based on information obtained through various sources, including EDR Reports and interview of owner/occupant, there is no evidence of environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law.

3.3 Specialized Knowledge

The client reported no specialized knowledge of REC's, HREC's or other potential environmental concerns in connection with the Property. No property valuation reduction related to environmental issues or concerns was reported by the client.

3.4 Commonly Known or Reasonably Ascertainable Information

DOD: Consists of federally owned or administered lands, administered by the Department of Defense, that has any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands. A review of the DOD list, as provided by EDR, and dated 08/28/12 has revealed that there are no DOD sites within approximately 1 mile of the target property.

3.5 Valuation Reduction for Environmental Issues

Kyle Associates, LLC was not provided with any information, which indicated any valuation reduction for the Property.

3.6 Owner, Property Manager and Occupant Information

The Property is currently owned by Tim and Mariane Hood. The Property is currently residentially developed land.

3.7 Reason for Performing the Phase I

This Phase I ESA and report was prepared by Kyle Associates, LLC at the request of the Client. The ESA was requested for one or more of the following reasons:

- Assist in the determination whether any immediate actions at the Property are necessary to comply with existing environmental laws and regulations.
- Assist in the evaluation of legal and financial liabilities associated with the Property.
- Assist in the evaluation of the Property's overall development potential.
- Constitute partial or whole appropriate inquiry for purposes of CERCLA's innocent landowner defense.

3.8 Other

N/A

4.0 REGULATORY REVIEW

Kyle Associates, LLC contracted Environmental Data Research, Inc. (EDR) of Milford, Connecticut to search selected federal and state databases for properties within the standard search distances established by the American Society for Testing and Materials guidelines referenced in ASTM E-1527-05. The EDR-Radius Map report, which is included in Appendix D, contains information about the identified sites and/or occurrences, which could be mapped, as well as un-mappable (orphan list) sites in the general area of the subject property.

4.1 National Priorities List (Search Distance 1.0 Mile)

The National Priorities List (NPL) is the United States Environmental Protection Agency's (USEPA) list of the most serious, uncontrolled or abandoned, hazardous waste sites identified for possible long-term remedial action under the Superfund program.

- No NPL sites within the specified search distance were identified in the database information provided by EDR.

4.2 Comprehensive Environmental Response, Compensation, and Liabilities Act (Search Distance 0.5 Mile)

The Comprehensive Environmental Response, Compensation, and Liabilities Act (CERCLA) classification is characterized by the USEPA as any known or suspected uncontrolled or abandoned hazardous waste site which the USEPA has currently or previously been investigated for an actual or potential release of hazardous substances as classified by CERCLA.

- A review of the database search, provided by EDR, does not indicate the presence of any CERCLA sites within the specified search distance.

4.3 Resource Conservation and Recovery Act-TSD (Search Distance 0.5 Mile)

The USEPA administers the Resource Conservation and Recovery Act (RCRA) in order to identify and track the transport, storage, treatment and/or disposal of hazardous waste as defined by RCRA-TSD.

- No RCRA-TSD sites were identified within the specified search distance in the database information provided by EDR.

4.4 Resource Conservation and Recovery Act (Search Distance Property and Adjoining Properties)

The USEPA maintains a list of those persons or entities that generate hazardous wastes as defined and regulated by RCRA.

- Database information provided by EDR indicated there are no RCRA site within ¼ mile of the subject property.

4.5 Emergency Response Notification System (Search Distance Property)

ERNS is a national database used to collect information of reported releases of oil and hazardous substances.

- The subject site was not listed as an ERNS site in the database information provided by EDR.

4.6 Leaking Underground Storage Tanks (Search Distance 0.5 Mile)

In accordance with current state and federal regulations, the Louisiana Department of Environmental Quality (MDEQ) maintains a list of Leaking Underground Storage Tanks (LUST).

- A review of the LUST records provided by EDR revealed that there were no locations within the search area that are recorded LUST's.

4.7 Underground Storage Tanks (Search Distance Property and adjoining property 0.25 miles)

Registered underground storage tanks (UST's) are regulated under Subtitle I of the RCRA and by the MDEQ.

- Database information provided by EDR indicated that there are no locations within the search area that are recorded UST's.

4.8 State Hazardous Waste Sites (Search Distance 1.0 Mile)

The MDEQ maintains a list of uncontrolled sites that are being investigated. The MDEQ/SHWS records are the equivalent to CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System. These sites may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds are identified along with sites where potentially responsible parties will pay for cleanup.

- A review of the SHWS records provided by EDR revealed no SHWS within the search distance.

4.9 Solid Waste Facilities/Landfill Sites (Search Distance 0.5 Miles)

The MDEQ maintains an inventory of the solid waste facilities in the state. The Solid Waste Facilities/Landfill list contains an inventory of solid waste facilities or landfills that may be active or inactive facilities or open dumps that failed to meet RCRA Section 2004 criteria for solid waste landfills or disposal sites.

- A review of the Solid Waste Facilities/Landfill records provided by EDR revealed no Solid Waste Facilities/Landfills within the search distance.

4.10 Area Radon Information (Zip Code: 70433)

The USEPA maintains an inventory of radon activity for various zip codes in the country. The level of acceptable radon concentrations maintained by the USEPA guidelines is less than 4 picocuries per liter (pCi/L). A USEPA mitigation response is required for areas with concentrations greater than 4.0 pCi/L.

The information provided by EDR revealed that the average activity for the seven (73) sites tested within the 70433 zip code were less than 4 pCi/L on the first floor living area, which is within the guidelines set by the USEPA.

4.11 Lead Based Paint

There is one structure currently located on the subject property that contains lead based paints. This structure will not be disturbed during any improvements that take place on the subject tract.

4.12 Asbestos

There is one structure currently located on the subject property that contains asbestos. This structure will not be disturbed during any improvements that take place on the subject tract.

4.13 Historic Preservation

The subject site is not listed on the National Register of Historic Places. The property is not located in or directly adjacent to any historical districts. Information provided by EDR revealed that no Historical sites are located within the two (2) mile radius search distance of the subject site.

Historical Use Information

The current owner has owned the property since 2011. This Property is developed land with one small dwelling currently located on the tract. Historical Topographic maps are located in Appendix D of this report. The User Questionnaire provided by the Owner is included in Appendix F of this report.

Historical Use Information on Adjoining Properties:

Adjoining properties are residentially developed properties.

4.14 Floodplain Management

According to data provided by Environmental Data Resources (EDR), the Property is located in a floodplain. EDR references FEMA Map Panel: 2252050240E from 1995.

4.15 Wetlands Protection

According to the U.S. Fish and Wildlife Service (NWI) data provided by Environmental Data Resources (EDR), there are no wetlands located on the Property.

4.16 Endangered Species

According to data provided by EDR, there are no endangered species that exist in the search radius.

4.17 Noise Analysis

According to Environmental Data Resources (EDR), there are no reported noise sites within the search distance.

4.18 Explosive/Flammable Hazards

There are no industrial facilities handling explosive or fire prone materials such as: liquid propane, gasoline or other storage tanks adjacent to the site.

4.19 Coastal Barrier Resources

NOT APPLICABLE.

4.20 Coastal Zone Management

The subject Property is located in a Coastal Zone and all necessary permits have been obtained.

4.21 Sole Source Aquifers

According to the EPA Groundwater and Drinking Water publication, the site is located in the area of the Southern Hills Regional Aquifer System. This Property will be serviced by water wells located in the area.

4.22 Other Federal or State Laws

NOT APPLICABLE.

4.23 Additional Hazards and Nuisances (covers, pipelines, etc.)

NOT APPLICABLE.

4.24 Vapor Intrusion

N/A

5.0 ON-SITE RECONNAISSANCE

An on-site reconnaissance of the subject site for indications of possible environmental concerns was conducted on Friday September 7, 2012. The reconnaissance consisted of systematically walking the site and driving the perimeter of the property. Photos of the walk through as the property appeared are in Appendix C of this report.

5.1 Potential Sources of Surface Contamination

The assessment addressed potential sources of contamination that may adversely impact surface conditions at the subject site. The assessment included observations to determine the presence of unidentified substance containers, waste disposal activities, transformers, and visible signs of surface staining.

5.1.1 Drums and Containers

There were no obvious signs of drums or containers left on-site during the time of the walk-over.

5.1.2 Evidence of Waste Disposal

The on-site reconnaissance searched for dumps, landfills, pits, ponds, lagoons, or borrow pits, which may have been used for disposal purposes. No obvious evidence of hazardous waste disposal was evident at the site.

5.1.3 Transformers

The on-site reconnaissance assessed the presence of transformers or other electrical equipment, which may contain polychlorinated biphenyl's (PCB's). No transformers were located on the site.

5.1.4 Surface Staining

No surface stains were observed on the site.

5.2 Potential Sources of Airborne Contamination

The assessment addressed potential sources of airborne contamination associated with the site including air stacks and vents. No evidence of air stacks or vent pipes were noted.

5.3 Potential Sources of Waterborne Contamination

The on-site reconnaissance assessed potential pathways for environmental impacts associated with surface water drainage onto and/or from the site. No waterborne sources of contamination or surface discharges were observed.

5.3.1 Assessment for UST's or Sumps

There is no evidence of UST tank related manholes, fill pipe, vents, or surface depressions that would indicate a previously unrecorded UST on the site.

5.3.2 Assessment of Potential Conduits to Groundwater

The on-site reconnaissance assessed potential conduits to groundwater, such as water wells or monitoring wells. There is no evidence of any conduits to groundwater which may adversely affect the quality of the existing aquifers.

5.3.3 Assessment of Potential Improper Waste Discharge

There is no evidence of improper waste discharge at the site.

5.4 On-Site Environmental Management

The on-site reconnaissance assesses various environmental management activities such as solid waste disposal, hazardous waste, potable water and wastewater, and other general management practices. The results of this assessment are as follows:

5.4.1 Solid Waste

There was no evidence to indicate improper management of solid waste at the subject site.

5.4.2 Hazardous Waste

There is no evidence to indicate disposal or storage of hazardous waste on the subject site.

5.4.3 Potable Water and Wastewater

Potable water and wastewater facilities at the site are will be supplied by water wells.

5.4.4 General Environmental Practices and Other Concerns

Based on visual observations during the site reconnaissance, the site appears to be relatively clean.

5.5 Off-Site Reconnaissance

An off-site reconnaissance of the surrounding properties was conducted from the perimeter of the subject site on September 7, 2012 The reconnaissance was limited to areas and facilities immediately adjacent to the subject site and readily accessible for visual observation. The following items were included in the off-site reconnaissance.

5.5.1 Potential Sources of Off-Site Surface Contamination

Based on site observations of the local topography and surrounding land uses, the potential for off-site surface contamination appears to be low at this time.

5.5.2 Potential Sources of Off-Site Airborne Contamination

There are no significant sources of airborne contamination on adjacent properties.

5.5.3 Potential Sources For Off-Site Subsurface Contamination

Data gathered during the site walkover did not reveal any immediately recognizable threat for off-site subsurface contamination.

5.5.4 Off-Site Environmental Management

No environmental concerns were observed relating to off-site environmental management activities.

6.0 INTERVIEWS

6.1 Interview with Owner

On September 7, 2012 Kyle Associates, LLC interviewed Tim Hood, the Owner, regarding the current or historical use of the Subject Property. Mr. Hood was not aware of any environmental concerns with the Property. Interview documentation can be found in Appendix F of this report.

6.2 Interview with Site Manager

At the time of the Environmental Site Assessment, there were no Site Managers of the Property.

6.3 Interview with Occupants

See section 6.1

6.4 Interview with Local Government Officials

NOT APPLICABLE.

6.5 Interview with Others

NOT APPLICABLE.

7.0 FINDINGS

The following findings and opinions were derived from the assessment of Tim and Mariane Hood's property located on Three Rivers Road in St. Tammany Parish, Covington, Louisiana.

A review of the EDR records and aerial photographs, along with interviews and site visit, did not identify usage of the Property or adjoining sites that is considered evidence of an REC or a potential REC.

8.0 OPINIONS

No environmental concerns or REC's associated with the Property were identified.

9.0 CONCLUSIONS

Kyle Associates, LLC performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-05 on the subject Property on Three Rivers Road in St. Tammany Parish, Covington, Louisiana to determine the presence of any visual signs or indications of environmental conditions that may represent a significant environmental condition that may affect the use of the property.

Based on our review of the information collected during this assessment, there is no evidence of recognized environmental conditions in connection with this Property. We believe that the environmental conditions at the site represent a **Low Environmental Risk** and do not warrant further inquiry.

10.0 DEVIATIONS

No material deviations from the standard were made in the preparation of this report.

11.0 ADDITIONAL SERVICES

No additional services were provided.

12.0 REFERENCES

The following is a list of the references; records and personal communications information used in preparing the subject Phase 1 Environmental Site Assessment. The sources are divided by topics of information and include the following:

12.0.1 Environmental Sources

USEPA National Priorities List
USEPA CERCLIS Data Base
USEPA RCRA Generators List
USEPA RCRA/TSD Facilities List
USEPA ERNS List

MDEQ Uncontrolled Sites List
MDEQ UST List
MDEQ LUST List

EDR NEPACheck List

12.0.2 Physical Setting Sources

USGS 3d TopoQuads, DeLorme software & databases
NRCS Soils Website

12.0.3 Historical Use Sources

Geocheck Radius Map
Historical Topographic Map

12.0.4 Other Sources

Interview with owner

13.0 SIGNATURE(S) OF ENVIRONMENTAL PROFESSIONAL(S)

Prepared by:

Franklin Kyle, III
Project Manager

STATE OF LOUISIANA
JAMES E. POWELL, JR.
License No. 31063
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

Reviewed by:

James E. Powell, Jr., P.E.
Professional Engineer

14.0 QUALIFICATION(S) OF ENVIRONMENTAL PROFESSIONAL(S)

I declare that to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined by 312.10 of 40 CFR 312. I have the specific qualifications based on education, training and experience to assess a property of the nature, history and setting the Subject Property.

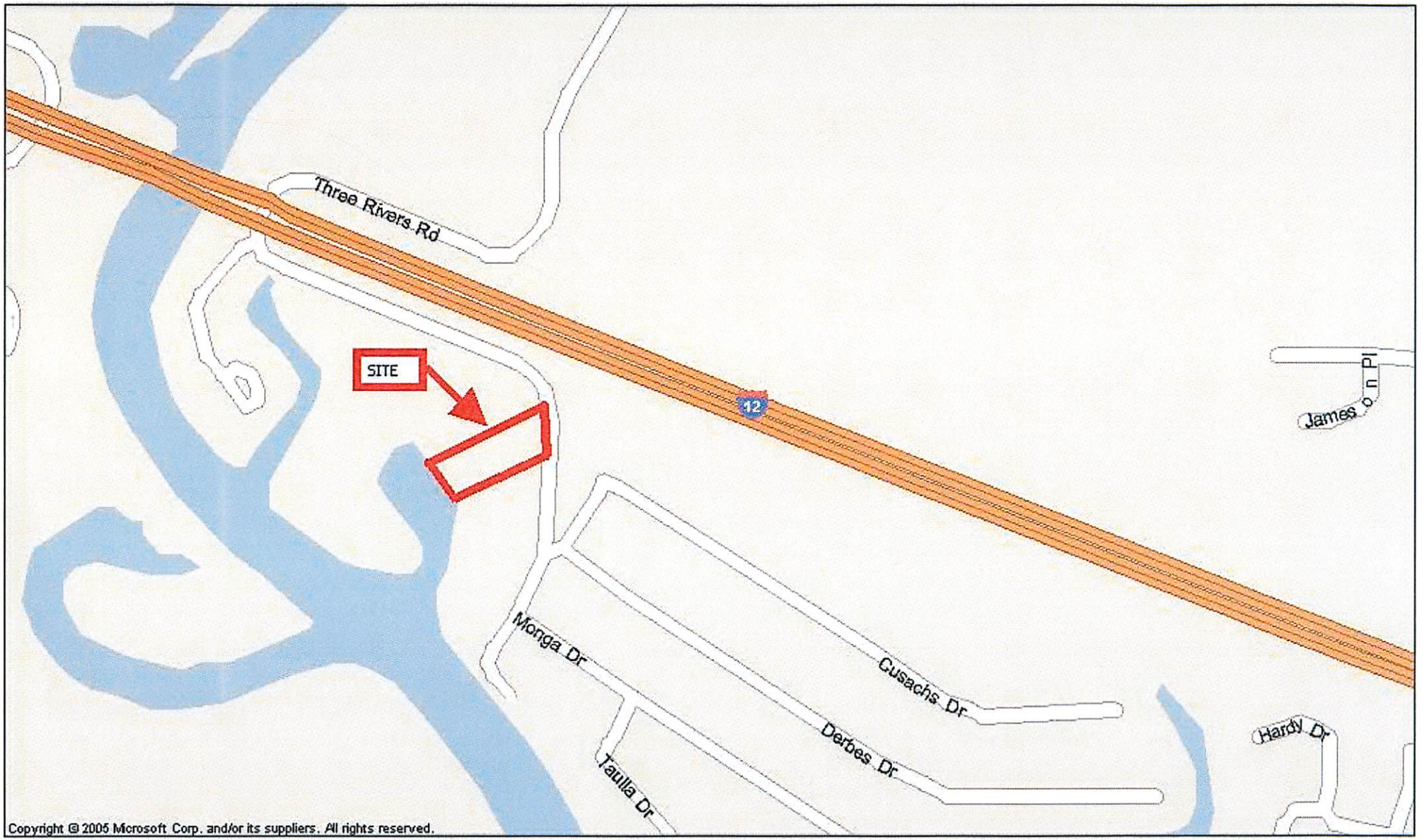
I have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

15.0 APPENDICES

Appendix A. SITE (VICINITY) Map
Appendix B. SITE PLAN
Appendix C. PHOTOGRAPHS
Appendix D. EDR RECORDS REPORT
Appendix E. SOILS CONSERVATION MAP AND SOILS DESCRIPTIONS
Appendix F. INTERVIEW DOCUMENTAION
Appendix G. SPECIAL CONTRACTUAL CONDITIONS BETWEEN USER AND ENVIRONMENTAL PROFESSIONAL
Appendix H. PROFESSIONAL QUALIFICATIONS

INDUSTRY STANDARD DEFINITIONS & ACRONYMS

APPENDIX A
SITE/VICINITY MAP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SITE
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James On Pl
Monga Dr
Cusachs Dr
Derbes Dr
Hardy Dr
Taulla Dr
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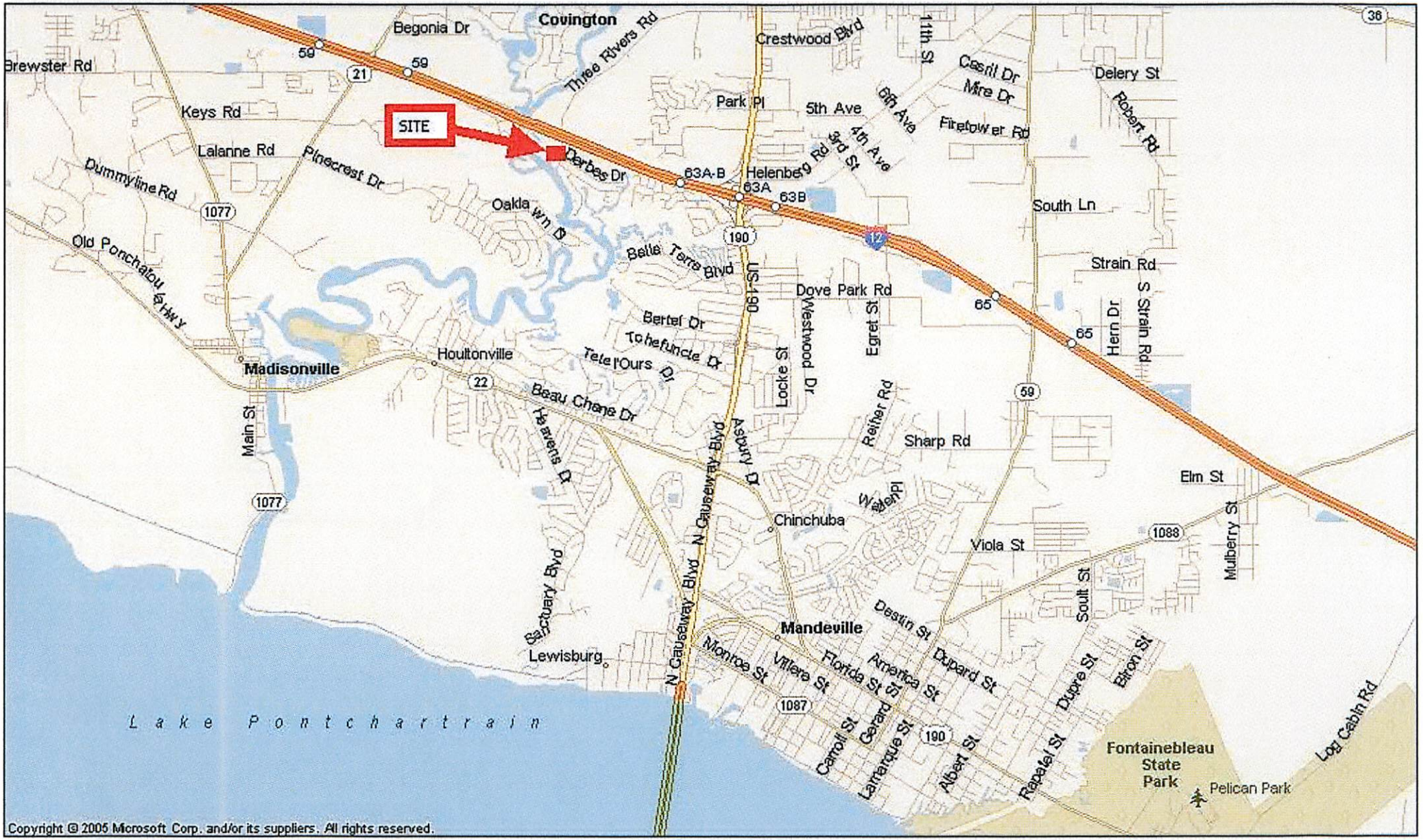

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APPENDIX B
SITE PLAN

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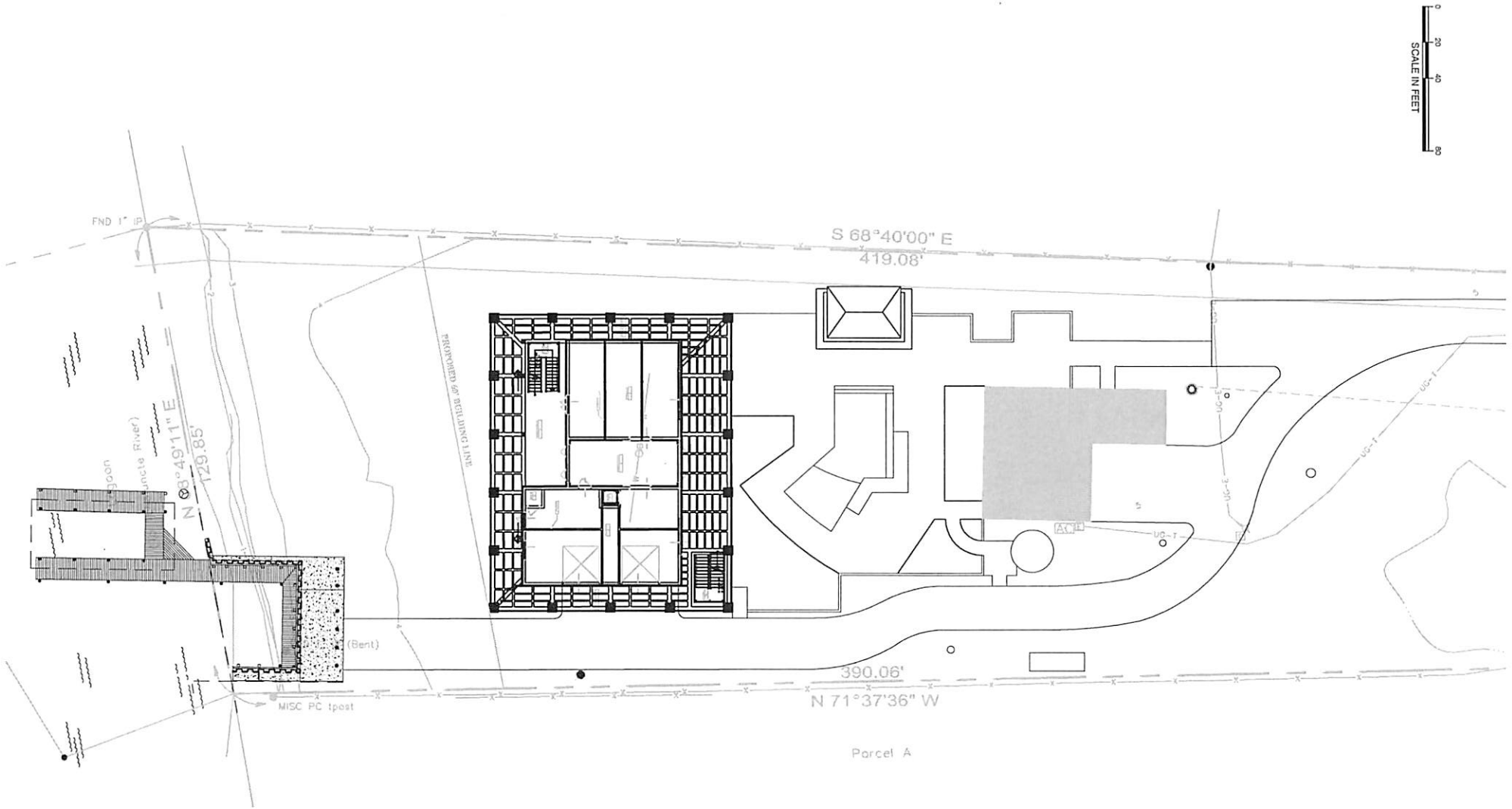

SHEET NO. I	**Kyle Associates, LLC** Planning, Engineering, and Landscape Architecture 638 Village Lane N. • Mandeville, LA 70471 • 985.727.9377 2916 Robert Street • New Orleans, LA 70125 • 504.895.6691	STAMP:	REVISIONS DATE: / REMARKS: / APP'D	HOOD RESIDENCE 170673 THREE RIVERS ROAD COVINGTON, LA SHEET TITLE	SCALE: (24x36) 1"=10'-0" SCALE: (8.5x11) - DATE: 05.SEP.12 DESIGNED BY: - DRAWN BY: - CHECKED BY: - JOB NO. 12098	CADD FILE NAME: 12098- PL-LAYOUT.dwg

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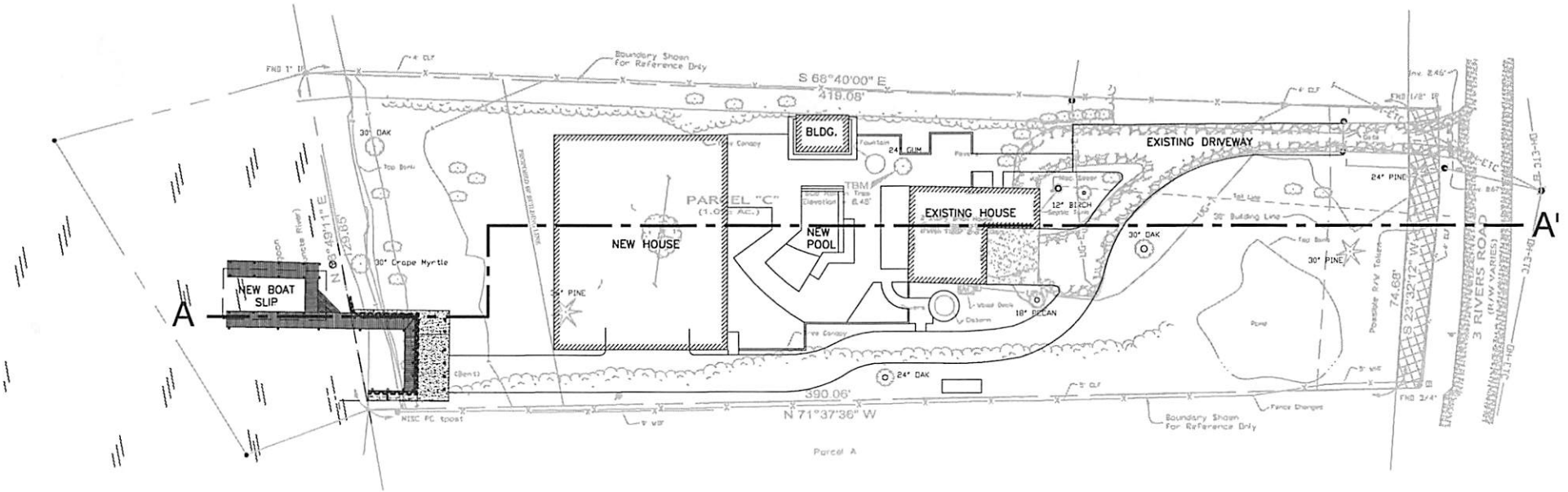

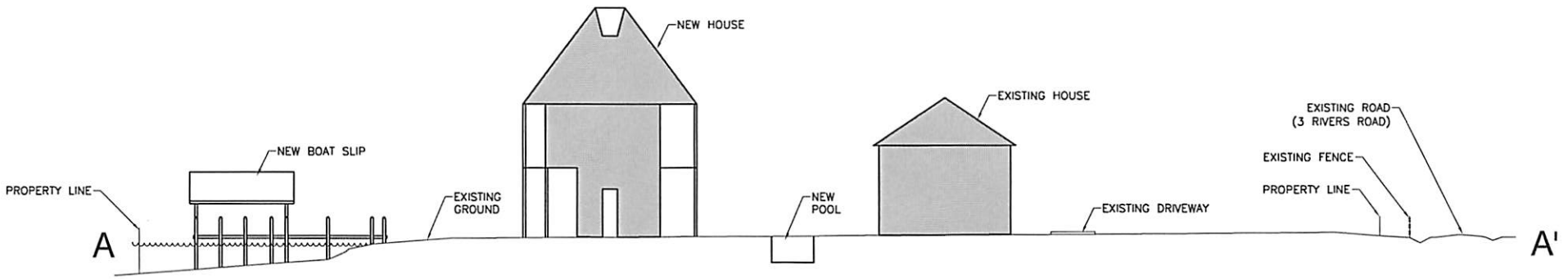

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CROSS SECTION

SCALE: 1" = 60'-0"

0 15 30 60

SCALE IN FEET

SHEET NO. 1

Kyle Associates, LLC
Planning, Engineering, and Landscape Architecture
638 Village Lane N. • Mandeville, LA 70471 • 985.727.9377
2916 Robert Street • New Orleans, LA 70125 • 504.895.6691

STAMP:

REVISIONS		
DATE:	REMARKS:	APP'D

HOOD RESIDENCE
170673 THREE RIVERS ROAD
COVINGTON, LA

CROSS SECTION

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APPENDIX C
PHOTOGRAPHS

NORTH VIEW/OPPOSITE BANK

SOUTH VIEW/OPPOSITE BANK

EXISTING CARRIAGE HOUSE

NEW HOME SITE (FACING RIVER)

APPENDIX D
ENVIRONMENTAL DATA RESOURCES, (EDR) RECORDS