# PHASE I ENVIRONMENTAL SITE ASSESSMENT 2021 RIVERS ROAD "COSENTINO PROPERTIES" NAPLES, COLLIER COUNTY, FLORIDA

**PREPARED FOR:** 



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#### 1.0 SUMMARY

Environmental Consulting & Technology (ECT) has conducted a Phase I Environmental Site Assessment (ESA) of the Cosentino Properties (Subject Property) located at 2021 Rivers Road, Naples, Florida 34120 in conformance with the scope and limitations of ASTM Practice E 1527-05 for Phase I ESA's.

The Subject Property consists of two (2) parcels; a northern parcel and a southern parcel (see Figure 2). The northern parcel, which is located at 2021 Rivers Road, is approximately 4 acres in size. The southern parcel, which does not have a listed mailing address, is approximately 4.92 acres in size, making the approximate area of the Subject Property equal to 8.92 acres. The Subject Property is currently undeveloped and covered with natural vegetation including cabbage palms, pines and exotic species. Access to the undeveloped parcel was limited due to extremely dense vegetation.

ECT has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-05. Any exceptions to, or deletions from, this practice are described in Section 11 of this report. This assessment has revealed evidence of one Suspect recognized environmental condition (REC) associated with the property. This REC is related to a steel drum located in the southwestern portion of the Subject Property. The drum, which was standing alone, was badly corroded and contained approximately 8-inches of liquid that could not be identified by visual inspection. The drum was surrounded by dead, or partially dead vegetation in each direction, indicating a possible release from the drum.

#### 2.0 INTRODUCTION

ECT has conducted a Phase I ESA of the Subject Property located at 2021 Rivers Road, Naples, Collier County, Florida (Figure 1 and 2). As discussed above, the Subject Property consists of two (2) contiguous parcels, with the northern parcel being approximately 4 acres in size, and the southern parcel being approximately 4.92 acres in size. These parcels are currently owned by Mr. Paul Cosentino.

Review of historical aerial photography indicates that the Subject Property was developed on a limited basis in the 1970s, '80s and '90s. Aerial photography indicates trails traversing the western portion of the Subject Property, leading to clearings that would indicate the presence of structures.

At the present time, the Subject Property is undeveloped and vacant. The property is covered with overgrown, dense vegetation. A cleared line utilized for a power line easement provides access to the northern parcel by way of Rivers Road. Access to the southern portions of the southern parcel is made possible by a clearing that separates the southern parcel from the adjoining parcel to the south.



Dense vegetation on the Subject Property consists primarily of cabbage palm, pine and Brazilian pepper. The surrounding area is developed with scattered residential uses and golf course communities. A large portion to the east and south remain undisturbed.

An abandoned and demolished wooden structure was identified in the northeast portion of the southern parcel. Just to the east of the wooden structure, an abandoned camper was identified. The camper was partially demolished and was abandoned at the time of ECT's site inspection. In the southwest portion of the Subject Property, a 40 to 45-ft. long trailer was identified. Evidence around and adjacent to the trailer indicated that it once was occupied on a seasonal, or a year-round basis. The trailer was abandoned at the time of ECT's site inspection. Several areas with miscellaneous debris piles were also noted during the site inspection. The findings of the site inspection are discussed in further detail herein.

# 2.1 Purpose

The Client, Conservation Collier Program (Collier County Facilities Management Department) requested that ECT conduct a Phase I ESA of the Subject Property. The objective of the Phase I ESA is to identify recognized environmental conditions (RECs) in connection with the property, to the extent feasible pursuant to the processes prescribed in the ASTM E 1527-05 guidelines. The term "REC" as defined by ASTM is the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or the material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, ground water, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. 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.

This Phase I ESA includes information gathered from federal, state, and local agencies; personal interviews with people familiar with the subject property and surrounding properties; and a site visit conducted by ECT representatives. The report is intended to meet the due diligence requirements of ASTM E-1527-05.

# 2.2 Detailed Scope of Services

The Phase I ESA conducted by ECT included, but was not limited to, the following services:

- a site visit of the subject property to look for evidence of the release(s) of hazardous materials and petroleum products and to assess the potential for onsite releases of hazardous materials and petroleum products;
- drive-by observations of adjacent properties and the site vicinity;



- interviews with people familiar with the subject sites, as available;
- review of regulatory agency file information;
- review of historical documents, as available; and
- preparation of a report presenting the Phase I ESA findings including a summary of conclusions and recommendations.

# 2.3 Significant Assumptions

The purpose of this Phase I ESA is to provide appropriate inquiry into the previous use of the Subject Property consistent with good commercial and customary practice in an effort to minimize liability. ECT assumes that the information provided by Mr. Paul Cosentino (Subject Property owner), Ms. Alexandra Sulecki, Coordinator of the Conservation Collier Program, the regulatory database electronic search report provider, and the regulatory agencies is true and reliable.

# 2.4 Limitations and Exceptions

The opinions and recommendations presented in this report are based upon the scope of services, information obtained through the performance of the services, and the schedule as agreed upon by ECT and the party for whom this report was originally prepared. This report is an instrument of professional service and was prepared in accordance with the generally accepted standards and level of skill and care under similar conditions and circumstances established by the environmental consulting industry. No representation, warranty, or guarantee, expressed or implied, is intended or given. To the extent that ECT relied upon any information prepared by other parties not under contract to ECT, ECT makes no representation as to the accuracy or completeness of such information. This report is expressly for the sole and exclusive use of the party for whom this report was originally prepared for a particular purpose. Only the party for whom this report was originally prepared and/or other specifically named parties have the right to make use of and rely upon this report. Reuse of this report or any portion thereof for other than its intended purpose, or if modified, or if used by third parties, shall be at the user's sole risk.

The findings presented in this report apply solely to site conditions existing at the time when ECT's assessment was performed. It must be recognized, however, that an environmental site assessment is intended for the purpose of determining the potential for contamination through limited research and investigative activities and in no way represents a conclusive or complete site characterization. Conditions in other parts of the project site may vary from those at the locations where data were collected. ECT's ability to interpret investigation results is related to the availability of the data and the extent of the investigation activities. As such, 100 percent confidence in environmental site assessment conclusions cannot reasonably be achieved.

ECT, therefore, does not provide any guarantees, certifications, or warranties that a property is free from environmental contamination. Furthermore, nothing contained in



this document shall relieve any other party of its responsibility to abide by contract documents and applicable laws, codes, regulations, or standards.

# 2.5 Special Terms and Conditions

The scope of work for this Phase I ESA did not include testing of electrical equipment for the potential presence of polychlorinated biphenyls (PCBs) or the assessment of natural hazards such as naturally occurring asbestos or methane gas, assessment of the potential presence of radionuclides, or assessment of non-chemical hazards such as the potential for damage from earthquakes or floods. This Phase I ESA also did not include an extensive assessment of the environmental compliance status of the Subject Property or a health-based risk assessment.

#### 2.6 User Reliance

This Phase I ESA was conducted for the use of and reliance by, the Conservation Collier Program, and may be relied upon only by this party. No use of the information contained in this report by others is permissible without receiving prior written authorization to do so from ECT. ECT is not responsible for independent conclusions, opinions, or recommendations made by others or otherwise based on the findings presented in this report.

#### 3.0 SITE DESCRIPTION

This section presents a general overview of the Subject Property, onsite improvements, and surrounding properties.

# 3.1 Location and Legal Description

The Collier County Property Appraiser's Office information identifies the Subject Property under the following identification numbers and addresses in Naples, Collier County, Florida 34120. The owner is also listed below.

<u>Subject Property-Northern Parcel</u>: Owner: Mr. Paul Cosentino; 2120 Rivers Road; Folio Number 00216360000; Approximate area is 4 acres; Mr. Cosentino has owned the property since January 2005.

<u>Subject Property-Southern Parcel</u>: Owner: Mr. Paul Cosentino; No listed mailing address; Folio Number 00217080004; Approximate area is 4.92 acres; Mr. Cosentino has owned the property since January 2005.



The Subject Property is approximately 8.92 acres in total. At the time of the site inspection, the two parcels were densely covered with cabbage palm, pines, and Brazilian pepper. Evidence of historical development in the form of an abandoned, and/or partially demolished wooden structure, camper and trailer were observed during the site inspection. A Site Map is included as Figure 2.

# 3.2 Site and Vicinity General Characteristics

A site location map and a site map are presented as Figures 1 and 2, respectively. North of the Subject Property, the land is developed for limited residential use, or is vacant, undeveloped and densely vegetated. Immokalee Road runs in the east-west direction, approximately 0.6 miles north of the Subject Property. In the eastern direction, the Subject Property is bordered by Rivers Road. Land east of Rivers Road is undeveloped with a mixture of limited, residential developments.

A mixture of undeveloped land and residential development exists to the west of the Subject Property. To the south of the Subject Property, the land is primarily undeveloped and densely vegetated. Very limited residential development is noted south of the Subject Property. It should be noted that Conservation Collier owns approximately 63 acres directly adjoining the Subject Property to the east and south.

# 3.3 Current Use of the Property

The Subject Property is currently vacant and primarily covered with dense vegetation that includes Brazilian pepper, pines, and cabbage palm. Structures and debris observed on the Subject Property are discussed further herein.

# 3.4 Descriptions of Structures, Roads, and Other Improvements on the Site

#### 3.4.1 General Description of Structures

Evidence of three (3) structures was observed during ECT's site inspection. The approximate location of these three structures has been identified on the Site Map (Figure 2). The first structure (see Figure 2, Location ID # 1) observed was an abandoned wheelmounted camper located on the eastern side of the property, approximately 75 to 100-ft from Rivers Road. The structure was approximately 30-ft. in length. It was unclear as to whether the camper was ever occupied while on the property, or if it had been dumped on the property. The side of the camper was open and the contents of the camper were weathered due to exposure to the elements. Miscellaneous debris including a sink, television and other smaller, miscellaneous items was observed adjacent to the camper. Photographs are provided in Appendix B.

Just west of the camper, an abandoned wooden structure was observed (see Figure 2, Location ID # 2). The wooden structure was partially demolished, or had been destroyed



by weather and lack of up-keep. Based on the visual inspection, it appeared that the structure had either been utilized seasonally as a hunting camp, or on a year-round basis. The structure included concrete block that was utilized as a foundation, walls that were filled with insulation, and plumbing that was once connected to apparent septic tanks that were buried on the west side of the structure. Evidence of a potable water supply was observed, however a well could not be located in the vicinity of the structure. A fiberglass shower was observed in the structure and other miscellaneous debris was observed adjacent to the structure. Photographs are provided in Appendix B.

A third structure in the form of a 40-ft. (+/-) trailer was observed in the southwest corner of the Subject Property (see Figure 2, Location ID # 6). The trailer appeared to have once been connected to the electric supply that runs along the southern edge of the Subject Property. Additionally, the trailer had connections to a water supply and had apparent connections to a below grade septic system on the west side of the trailer. A water heater was observed just north of the trailer. The exact location of a well that would have provided a water supply was not identified. The west side of the trailer was open and the contents of the trailer, including mattresses, were weathered due to exposure to the elements. Miscellaneous household items and debris, including a bath tub, an old water tank and plastic piping was observed in vicinity of the trailer. The trailer appeared to have been occupied at one point on a year-round, or on a seasonal basis. Photographs are provided in Appendix B.

#### 3.4.2 Roads

Access to the subject property was obtained from Rivers Road. Rivers Road runs in the north-south direction and is un-paved in the immediate vicinity of the Subject Property. Access to Rivers Road is obtained via Immokalee Road which runs in the east-west direction approximately 0.6 miles north of the Subject Property.

## 3.4.3 Potable Water Supply

Evidence of a water supply was observed in the location of the wooden structure (see Figure 2, Location ID # 2) as well as in the location of the trailer in the southwest portion of the Subject Property (see Figure 2, Location ID # 6). However, the exact location of the wells, if any, could not be confirmed during the site inspection.

#### 3.4.4 Sewage Disposal System

As previously discussed in Section 3.4.1, apparent septic systems were observed near the abandoned wooden structure in the eastern portion of the Subject Property and near the trailer in the southwestern portion of the Subject Property. In each case, the septic systems appeared to be small, hand-built septic "tanks," constructed out of masonry blocks and covered with a wooden lid. Apparent plastic pipes that once connected to the septic systems were observed in each location. There were no signs of stressed vegetation or foul odors in the vicinity of the septic systems.

# 3.5 Current Uses of the Adjoining Properties

Property to the east and to the south of the Subject Property is densely vegetated, undeveloped with very limited residential use. Properties to the west and north are characterized by limited residential development with portions undeveloped, and covered with dense vegetation. Rivers Road delineates the eastern property boundary.

#### 4.0 USER-PROVIDED INFORMATION

This section identifies information provided by the User to ECT.

#### 4.1 Title Records

No title records were provided to ECT by Collier Conservation or Mr. Paul Cosentino.

# 4.2 Environmental Liens or Activity and Use Limitations

The site contacts, Ms. Alexandra Sulecki of the Conservation Collier Program and Mr. Paul Cosentino, the current property owner, were asked the following questions as part of the assessment:

- Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?
- Are you aware of any activity or land use limitations, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

Ms. Sulecki and Mr. Cosentino each responded 'no' to both questions. Ms. Sulecki provided a statement to accompany her response on behalf of the Conservation Collier Program. Her statement can be found in Appendix D, Interview Documentation.

# 4.3 Specialized Knowledge

Ms. Sulecki and Mr. Cosentino were asked the following questions as part of the assessment:

• Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?



- Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user,
- a) Do you know the past uses of the property?
- b) Do you know of specific chemicals that are present or once were present at the property?
- c) Do you know of spills or other chemical releases that have taken place at the property?
- d) Do you know of any environmental cleanups that have taken place at the property?
- Do you know of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property?
- Do you know of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property?
- Do you know of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?

Mr. Cosentino responded 'no' to each of the above questions. In response to the first and second questions in this Section Ms. Sulecki stated: "...Only that nearby properties we have acquired contained solid waste." Ms. Sulecki responded 'no' to the remainder of the questions in this Section.

# 4.4 Commonly Known or Reasonably Ascertainable Information

Ms. Sulecki and Mr. Cosentino were asked the following question as part of the assessment:

 Based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property?

Mr. Cosentino responded 'no' to the above question. Ms. Sulecki responded 'yes' and included the following statement: "A rusted-out metal 50-gal drum was found on site. Additionally there is significant solid waste onsite including discovered unpermitted old septic systems-2, maybe 3."

#### 4.5 Valuation Reduction for Environmental Issues

Ms. Sulecki and Mr. Cosentino were asked whether the purchase price for the property reasonably reflects the fair market value of the property.



In response Mr. Cosentino stated the following: "I believe the value of the property is far higher than the selling price." In response Ms. Sulecki stated 'no' and included the following statement: "The appraisal value that was the basis for Conservation Collier's offer did not consider valuation reduction for environmental issues."

# 4.6 Owner, Property Manager, and Occupant Information

On behalf of the Conservation Collier Program, Ms. Sulecki was the site contact identified to ECT.

# 4.7 Reason for Performing Phase I

The reason for performing the Phase I ESA is to assess the presence/absence of RECs in anticipation of acquiring the Subject Property to incorporate it into the Conservation Collier Land Acquisition Program.

#### 4.8 Other

No other information was provided.

#### 5.0 RECORDS REVIEW

The following section presents the results of a review of readily ascertainable federal and state regulatory agency files obtained through an electronic search of the records and a historical records review, including aerial photographs, topographic maps, Sanborn fire insurance maps, and city directories pertaining to the subject property, adjacent properties, and proximate properties.

#### 5.1 Standard Environmental Record Sources

Regulatory agency database information was obtained from FirstSearch Technology Corporation (FirstSearch), which maps and lists properties in federal and state environmental databases with existing conditions or status that may have the potential to affect the subject site. The report is provided as Appendix A.

#### 5.1.1 Federal Environmental Record Sources

The following federal databases were reviewed in accordance with the ASTM E 1527-05 requirements:

#### 5.1.1.1 National Priorities List (NPL; 1.0 mile)

The National Priorities List (NPL) is a subset of the Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) and identifies



over 1,200 sites for priority cleanup under the Superfund program. An NPL site must meet or surpass a predetermined hazard ranking system score, be chosen as a state's top priority site, or meet three specific criteria set jointly by the U.S. Department of Health and Human Services and the U.S. Environmental Protection Agency (EPA). Source: U.S. EPA.

There are no listed NPL properties within 1.0 mile of the Subject Property.

#### 5.1.1.2 Delisted NPL Site List (NPL; 1.0 mile)

The Delisted NPL Site List includes properties that have been delisted from the NPL.

There are no delisted NPL properties within 1.0 mile of the Subject Property.

# 5.1.1.3 Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS; 0.5 mile)

The CERCLIS database contains data on potentially hazardous waste sites that have been reported to EPA by states, municipalities, private companies, and private persons pursuant to the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). The CERCLIS list includes sites that are either proposed for the NPL or in the screening and assessment phase for possible inclusion on the NPL. Source: U.S. EPA/National Technical Information Service (NTIS).

There are no CERCLIS facilities listed within 0.5-mile of the Subject Property.

#### 5.1.1.4 CERCLIS-No Further Remedial Action Planned (CERCLIS-NFRAP; 0.50-mile)

The CERCLIS-NFRAP database contains data on sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require federal Superfund action or NPL consideration. Source: U.S. EPA/National Technical Information Service (NTIS).

There are no CERCLIS-NFRAP listed properties within 0.5 mile of the Subject Property.

#### 5.1.1.5 Corrective Action Report (CORRACTS; 1.0 mile)

The CORRACTS database identifies hazardous waste handlers with Resource Conservation and Recovery Act (RCRA) corrective action activity. Source: U.S. EPA.

There are no CORRACTS listed facilities within a 1.0-mile radius of the Subject Property.



# 5.1.1.6 Resource Conservation and Recovery Act (RCRA) Treatment, Storage, and Disposal (TSD) Facilities (0.5-mile)

The RCRA TSD Facilities database includes selected information on facilities that generate, transport, store, treat and/or dispose of hazardous waste, as defined by RCRA.

There are no listed TSD properties within 0.5-mile of the Subject Property.

#### 5.1.1.7 RCRA Generators Lists (Site and Adjoining Properties)

RCRA large-quantity generators (LQG) are those facilities that generate at least 1,000 kilograms per month (kg/month) of non-acutely hazardous waste or meet other applicable RCRA requirements. Resource Conservation and Recovery Information System (RCRIS) small-quantity generators (SQG) generate between 100 and 1,000 kg/month of non-acutely hazardous waste or meet other applicable RCRA requirements. RCRIS conditionally exempt SQG generate less than 100 kg/month of non-acutely hazardous waste or meet other applicable RCRA requirements.

The Subject Property and adjoining properties are not listed as RCRA facilities.

#### 5.1.1.8 Federal Institutional Control/Engineering Control Registries (Site only)

Federal institutional control and engineering control registries were requested in the database search. The Subject Property is not identified on either registry.

#### 5.1.1.9 Emergency Response Notification System (ERNS; Site Only)

ERNS is a national database that records and stores information on reported releases of oil and hazardous substances. The database contains information on spill reports made to federal authorities including the U.S. EPA, U.S. Coast Guard, National Response Center, and Department of Transportation.

The Subject Property is not listed on the ERNS database.

#### 5.1.2 State Environmental Record Sources

The following state databases were reviewed in accordance with the ASTM E 1527-05 requirements:

#### 5.1.2.1 State-Equivalent CERCLIS Hazardous Waste Sites (SHWS/State Sites; 1.0 mile)

The state Hazardous Waste database lists potential or confirmed hazardous substance release properties.

There are no properties listed on this database within 1.0 mile of the Subject Property.



#### 5.1.2.2 State-Equivalent SWF/LF, State Landfill (SWIS; 0.5-mile)

This database is an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 2004 criteria for solid waste landfills or disposal sites.

There are no landfills or solid waste facilities listed within 0.5-mile of the Subject Property.

#### 5.1.2.3 State Leaking Underground Storage Tank Database (LUST; 0.5-mile)

The LUST database is a list of reported leaking UST incidents.

There are no LUST facilities listed within 0.5-mile of the Subject Property.

# 5.1.2.4 State Registered Underground Storage Tank (UST; Site and Adjoining Properties)

This database contains listings for current UST sites.

There are no properties listed within 0.25-mile of the Subject Property.

#### 5.1.2.5 State Institutional Control/Engineering Control Registries (Site Only)

This database contains registry entries for institutional and engineering controls.

There Subject Property is not listed in this database.

#### 5.1.2.6 State Voluntary Cleanup Sites (0.5-mile)

This database contains listings for current voluntary cleanup sites.

There are no properties listed within 0.5-mile of the Subject Property.

#### 5.1.2.7 State and Tribal Brownfield Sites (0.5-mile)

This database contains listings for current Brownfield sites.

There are no properties listed within 0.5-mile of the Subject Property.

## 5.2 Additional Environmental Record Sources

Additional database records were provided in the database search report. These are summarized in the database report, presented as Appendix A. The Subject Property was not identified in the databases.



In addition, ECT compared information concerning the property with the Florida database of Cattle Dip Sites. In the early 1900s cattle tick fever was recognized as a serious problem to the cattle industry in 15 southern and southwestern states, including Florida. The federal government placed quarantine on animals in 1,000 counties in these states, and in 1906 a Cattle Tick Fever Eradication Program was inaugurated. The Florida Legislature, in June 1917, gave authority to the State Live Stock Sanitary Board to govern the control and eradication of this disease. More than 3,500 cattle-dipping vats were constructed in Florida by government mandate. The sites listed in Table 1, located in Collier County, were reportedly erected in 1932 and 1933:

Table 1. List of Cattle Dipping Sites, Collier County, Florida

State ID #	Name	State ID #	Name
10415	Brown	10424	Naples
10416	Burned Pens	10425	Roberts
10417	Chokoloskee Is.	10426	Sick Is.
10418	Davis Dairy	10427	Trippens Pens
10419	Dukes	10428	Walker
10420	Fakahatchee	10429	Whiddon
10421	Flint	10430	Williams
10422	Immokalee	10431	Youngman Dairy
10423	Marco Is.		

Source: FDEP, 1993

Exact locations of most of the sites are typically unknown, but can often be identified by historical aerial photograph review and property title history information. Many of the cattle dip vats were used into the 1960's and 1970's. No indications were found that a cattle-dipping vat ever existed on the subject property.

# 5.3 Physical Setting Source(s)

The U.S. Geological Survey (USGS) 7.5 minute of Corkscrew SW, Florida quadrangle map was reviewed. The Subject Property is at an elevation between 13 and 14 ft above mean sea level.



# 5.4 Historical Use Information on the Property

To evaluate historical use of the property, ECT reviewed readily available topographic maps, aerial photographs, street directories, and fire insurance maps.

#### 5.4.1 Topographic Maps

ECT reviewed the USGS 7.5-minute series quadrangle maps of Corkscrew SW, Florida dated 1958 and photorevised in 1987. The map was retrieved from ECT files. Two (2) structures are depicted on the Subject Property. The structures appear to be in the approximate location of camp sites, or homes as indicted by historical aerial photography. A copy of the map is provided as Figure 3.

#### 5.4.2 Aerial Photographs

A 1963 historical aerial photograph was obtained from the University of Florida's online library. Additional historical aerial photographs were obtained from Florida Department of Transportation for the years 1973, 1985, 1994, and 2006. A 2008 aerial photograph was obtained from the Collier County Property Appraiser. The photographs were reviewed to identify former land uses onsite and in the vicinity of the Subject Property. The photographs consisted of low-altitude, black-and-white or color (where available) photographs. Brief descriptions of the Subject Property and vicinity, as observed in the aerial photographs, are presented below. Figures 4-8 are copies of the aerial photographs. The 2008 aerial photograph is provided as the back-drop to the Site Map, Figure 2.

The 1963 aerial photograph indicates that the Subject Property is completely undeveloped and vacant. No overland roads are visible leading to or from the Subject Property. Dense vegetation is observed.

The 1973 aerial photograph indicates limited development on the Subject Property. A structure is visible in the eastern portion of the site with a trail leading to it in the north-south direction. On the west side of the Subject Property, a significant trail/road runs generally north and south between an apparent structure in the southwest portion of the property and the street now known as Cannon Blvd. Rivers Road is visible in the aerial photograph, whereas it did not exist in the 1963 aerial photograph.

Review of the 1985 aerial photograph indicates few significant changes on the Subject Property when compared to the 1973 aerial photograph. The apparent structure on the east side of the property is clearly visible. The main trail and cleared areas are clearly visible on the west side of the property. The structure observed in the southwest corner of the property in the 1973 aerial photograph is not clearly identified; however it is most likely disguised by overgrown vegetation in the area.

The 1994 aerial photograph indicates significant changes when compared to the 1985 aerial photograph. Trails that were clearly visible in the 1985 aerial are no longer visible in the 1994 aerial, indicating that they have not been utilized and have been overgrown



with vegetation. Additionally, the structures that were visible in earlier aerials are not evident in the 1994 aerial, as the entire property appears to be covered with dense vegetation.

The 2006 aerial photograph is similar to the 1994 aerial photograph, indicating that the site is apparently not in use and is covered in dense vegetation.

The 2008 aerial photograph (Figure 2) indicates no significant changes on the Subject Property when compared to the 2006 aerial.

No evidence of environmental impairment to the Subject Property was observed from the aerial photography review.

#### 5.4.3 Street Directories

Historical city directories were requested through the FirstSearch database report. Historical city directories as published by R. J. Polk and Company were reported by FirstSearch anywhere from three to six year intervals from 1964 to 2009. The first listing for Rivers Road is in the 2001 directory.

#### 5.4.4 Fire Insurance Maps

Sanborn fire insurance maps were requested through the FirstSearch database search. FirstSearch did not identify any fire insurance map coverage of the subject property.

# 5.5 Historical Use Information on Adjoining Properties

To evaluate the historical use of the adjacent properties, ECT reviewed readily available topographic maps, aerial photographs, street directories, and fire insurance maps.

#### 5.5.1 Topographic Maps

A review of the available topographic map indicates that the adjacent roads (Rivers Road and Cannon Boulevard) are depicted. Structures are shown to the west and north of the Subject Property. The buildings and roads have been photorevisions indicating development after 1958. A copy of this map is provided as Figure 3.

#### 5.5.2 Aerial Photographs

Adjoining properties appear to be undeveloped and densely vegetated in the 1963 aerial photograph. No overland roads are observed in the vicinity of the adjoining properties.

The 1973 aerial photograph indicates limited, apparent residential development to the west, southwest and north of the Subject Property. Various dirt trails and driveways are observed on adjoining properties leading to and from structures. The property to the east



appears to be undeveloped, vacant and covered with dense vegetation. Rivers Road and Cannon Blvd. are first observed in the 1973 aerial photograph.

A review of the 1985 aerial photograph indicates continued, limited residential development on adjoining properties to the north and west of the Subject Property. An apparent residential development is now observed to the south of the Subject Property. Dirt trails/driveways are clearly visible on adjoining properties. The property to the east remains undeveloped and covered with dense vegetation.

A review of the 1994 aerial photograph clearly indicates a residential structure to the south of the Subject Property. Additionally, an apparent residential structure is observed just south of the Subject Property's southwest corner. All other adjoining properties appear to be unchanged when compared to the 1985 aerial photograph. A golf course is evident to the far south of the subject property.

The 2006 aerial photograph indicates that the adjoining properties to the south, west and north of the Subject Property appear unchanged when compared to the 1994 aerial photograph. The adjoining property to the east however, is now partially developed with a residence.

There are no significant changes observed when comparing the adjoining properties in the 2006 aerial photograph to the 2008 aerial photograph.

#### 5.5.3 Street Directories

The first listing for Rivers Road is in the 2001 directory as residential occupants and one church.

#### 5.5.4 Fire Insurance Maps

Sanborn fire insurance maps were requested during the FirstSearch database search. FirstSearch did not identify any fire insurance map coverage of the area.

## 6.0 SITE RECONNAISSANCE

On May 3, 2010, Mr. Daniel Scippo and Mr. Joseph Harmon, of ECT, performed a reconnaissance-level assessment of the Subject Property to observe general site conditions and indications of the possible release(s) of chemicals to the subsurface. A walkover site inspection was conducted to identify visible evidence of recognized environmental conditions. Visual inspection was limited due to dense ground cover on the Subject Property. Photographs taken during ECT's site inspection are included in Appendix B. Mr. Scippo's qualifications are included in Appendix C.

# 6.1 Methodology and Limiting Conditions

ECT was provided full access to the property. The methodology for the site visit included observing the interior and exteriors of the subject property. Visual inspection was limited due to dense ground cover and accessibility.

# 6.2 General Site Setting

#### 6.2.1 Current Use(s) of the Property

The Subject Property is undeveloped and covered with cabbage palm, Brazilian pepper, pines and many other species. The site inspection indicated that the Subject Property was not in use at the time it was performed.

#### 6.2.2 Past Use(s) of the Property

Historical review indicates that the Subject Property was utilized for very limited residential use at some point after 1963, and ceasing to be used at some point after 1985. Structures observed on the property may have been utilized on a year-round basis, or on a seasonal basis.

#### 6.2.3 Current Uses of Adjoining Properties

Adjoining properties to the south, west and north are characterized by limited residential development. The property to the east is primarily undeveloped, with one apparent residential development. Much of the adjoining land is utilized for conservation. Collier Conservation owns approximately 63 acres adjoining the Subject Property. These 63 acres are utilized for conservation. Additionally, the 63 acres of conserved land adjoins an additional 299 acre conservation easement owned by the Olde Florida Golf Club located south of the Subject Property.

#### 6.2.4 Past Uses of Adjoining Properties

Based on aerial photographs and historical topographic maps, properties adjoining the Subject Property appear to have been vacant and undeveloped until at least 1963. Limited residential development is first observed in the 1973 aerial photograph.

#### 6.2.5 Current or Past Uses in the Surrounding Area

Based on aerial photographs and historical topographic maps, the surrounding properties appear to have been either undeveloped or residentially developed, including multiple golf course communities. A large pit is active to the far northwest of the sites, across Immokalee Road. A church is located to the far north of the property.



#### 6.2.6 Geologic, Hydrogeologic, Hydrologic, and Topographic Conditions

Based on surface topography as interpreted from the USGS 7.5-minute series quadrangle maps of Corkscrew SW, Florida, regional shallow ground water in the site area is anticipated to flow south/southwesterly, entering the drainage system of Collier County, and ultimately discharging to the waters of the Gulf of Mexico.

Collier County lies on the eastern margin of a huge depositional feature known as the Gulf of Mexico Sedimentary Basin, in the Southern Province, which is dominated by carbonate sedimentary rocks. The South Florida Shelf, the major subsurface structural feature in the region, is of Cretaceous age and extends from Charlotte County to the north southeastward to Key Largo in Monroe County. The shelf passes under Collier County at a depth of approximately 8,500 feet.

The stratigraphy underlying the subject property is predominantly a sand, clay and limestone sequence. The formations include: Undifferentiated Pleistocene sand and shell, the Pliocene Tamiami Formation, and the Middle Miocene Hawthorn Group.

The undifferentiated Pleistocene sediments consist of fine to medium grained quartz sand with varying percentages of shell. The Tamiami Formation, also considered to be part of the surficial aquifer system, contains sandy and biogenic limestone with variable induration and cement types. It is very fossiliferous (echinoids, corals, bryozoans, mollusks and foraminifera) and contains lime muds. Upper beds often occur as dense authigenic limestone (cap rock). Underlying the Tamiami Formation, at a depth of approximately 120 feet, are the Miocene Coarse Clastics of the upper Hawthorn Group, also considered to be part of the surficial aquifer system. These are very coarse to granule sized quartz sediments, usually well rounded and frosted. The clastics, approximately 40 feet thick, are often clayey and grade into and intermix with underlying beds. The Upper Hawthorn Confining Zone, approximately 30 feet thick, is mostly composed of low permeability, phosphatic, clayey dolosilts and sands. The zone separates the surficial aquifer system from the underlying Sandstone Aquifer, made up of sandy limestone, sandstones, sandy dolomites, and calcareous sands. The aquifer thins to the south and is less than 20 feet thick beneath the subject property. Beneath the Sandstone Aquifer lies the Lower Carbonate Sequence of the Hawthorn Group, also known as the Mid-Hawthorn Aguifer, at approximately 320 ft below land surface.

#### 6.3 Exterior Observations

The following items were looked for, or identification was attempted, as indicated in the ASTM standard.

# 6.3.1 Hazardous Substances and Petroleum Products in Connection with Identified Uses

The presence of hazardous substances or petroleum products in connection with the Subject Property was investigated. One corroded drum identified in west/southwestern



portion of the Subject Property (see Figure 2) was identified as a drum that may have resulted in a petroleum release. A release could not be verified by visual inspection alone. Other than this drum, no other hazardous substances or petroleum products beyond what would be considered *de minimis* volumes were observed onsite.

#### 6.3.2 Storage Tanks

ASTs, USTs or vent pipes, fill pipes, or access ways indicating USTs were looked for during the site visit. No ASTs, USTs, vent pipes, fill pipes, or access ways were observed in the areas that were visually inspected during the site inspection.

#### 6.3.3 Odors

The Subject Property was checked for strong, pungent, or noxious odors and their sources during the site visit. No readily noticeable strong, pungent, or noxious odors were encountered in the areas that were visually inspected during the site investigation.

#### 6.3.4 Pools of Liquid

Standing surface water and pools or sumps containing liquids likely to contain hazardous substances or petroleum products were looked for during the site inspection. No standing surface water, pools, or sumps were observed in the areas that were visually inspected during the site investigation.

#### 6.3.5 Drums

Storage drums were looked for during the site visit. One standing, badly corroded steel drum was observed in the west/southwestern portion of the property (see Figure 2). This particular drum was located approximately 200 (+/-) feet from the trailer in the southwestern portion of the Subject Property. The drum contained approximately 8-inches of liquid which could not be identified by visual inspection alone. Much of the vegetation on each side of the drum was dead or partially dead. It could not be verified if the dead vegetation may have been the result of a release from the drum, or had resulted naturally.

Another steel drum that was partially crushed and partially buried was located in the southern portion of the Subject Property (see Figure 2). The drum appeared to be buried with a pipe adjacent to a concrete block structure that may have once been a septic system or a grey-water system.



# 6.3.6 Hazardous Substances and Petroleum Products Containers (Not Necessarily in Connection with Identified Uses)

Hazardous substances and petroleum products containers were looked for during the site visit. No hazardous substances and petroleum product containers were observed on the subject property in the areas that were visually inspected during the site visit.

#### 6.3.7 Unidentified Substance Containers

Open or damaged containers containing unidentified substances suspected of being hazardous substances or petroleum products were looked for during the site visit. Several containers that would be considered solid waste debris were observed and are discussed further herein. The containers did not appear to contain unidentifiable substances.

#### 6.3.8 PCBs

Electrical or hydraulic equipment known to contain PCBs or likely to contain PCBs were looked for during the site visit. As indicated in the ASTM standard, fluorescent light ballasts (which may or may not be present onsite) were not evaluated. A row of utility power poles runs along the southern property boundary. One pole-mounted transformer, know to contain PCBs or likely to contain PCBs, was identified during the site investigation on the southern property line. Some corrosion was observed on the transformer; however the transformer appeared in good condition with no evidence of leakage.

#### 6.3.9 Pits, Ponds, or Lagoons

Pits, ponds, or lagoons on the property were looked for during the site visit. Pits, ponds, or lagoons on properties adjoining the subject property were looked for to the extent they were visually and/or physically observable from the subject sites. No pits or lagoons were observed onsite.

#### 6.3.10 Stained Soil or Pavement

Areas of stained soil or pavement were looked for during the site visit. No areas of stained soil were observed during the site visit in the areas that were visually inspected.

#### 6.3.11 Stressed Vegetation

Areas of stressed vegetation (from other than insufficient watering) were looked for during the site visit. Many areas on the Subject Property contained some dead vegetation, much of which may be attributed to the colder than average winter experienced in Southwest Florida during the 2009/2010 season. Additionally, Ms. Sulecki indicated that Florida Power and Light (FPL) had recently treated exotic species in the area for the purpose of protecting their power lines.



As discussed previously in Section 6.3.5, stressed and partially dead vegetation was observed in the immediate vicinity of a steel drum. The cause of the dead vegetation could not be verified by visual inspection alone.

No other areas of stressed vegetation were observed in the areas that were visually inspected during the inspection.

#### 6.3.12 Solid Waste

Areas that are apparently filled or graded by non-natural causes (or filled by fill of unknown origin) suggesting trash construction debris, demolition debris, or other solid waste disposal, or mounds or depressions suggesting trash or other solid waste disposal were looked for during the site visit. Several areas containing dumped solid waste were observed during the site inspection. The locations discussed below correspond to the locations identified on Figure 2, attached.

<u>Location ID # 1</u>: The abandoned camper was open and exposed to the elements. Miscellaneous solid waste including a sink, a television and other items from the camper were observed on the ground.

**Location ID # 2**: Miscellaneous household debris was observed in the vicinity of the wooden structure including pipes, a car battery, wood, insulation and some trash.

<u>Location ID # 3</u>: Adjacent to the abandoned wooden structure, a pile of debris was identified. The pile appeared to contained soil waste that was dumped in this location. The waste included scrap wood, a mattress and bed frame, miscellaneous empty plastic buckets, empty paint cans and buckets, and many smaller items. The pile was estimated to be approximately 20-ft. by 30-ft. by 2-ft deep. A separate pile including tires was also observed in this area. The pile appeared to contain ten, or more tires.

**Location ID # 4**: In the south-central portion of the property miscellaneous waste including tires, corroded auto parts and plastic was observed.

**Location ID # 5**: This location is discussed previously in Section 6.3.5.

<u>Location ID # 6</u>: In the vicinity of the trailer in the southwestern portion of the property miscellaneous waste include mattresses (in the trailer), water heaters, a bath tub and other smaller items such as bottles were observed.

<u>Location ID # 7</u>: This location (drum) is discussed previously in Section 6.3.5.

**Location ID #8**: A tire was observed in this partially cleared area.

In addition to the locations described above that were identified by ECT during the site inspection, Ms. Alexandra Sulecki of the Conservation Collier Program notified ECT of an additional area containing solid waste on the Subject Property. The area contained approximately 30 to 40 quart-sized plastic containers of the variety that typically contain



motor oil, or some similar type of oil. Ms. Sulecki observed the plastic containers on the property in February 2010, but could not verify the location on the Subject Property at which they were observed. Ms. Sulecki stated that the plastic containers were empty and appeared to have been dumped on the property as empty containers. Ms. Sulecki provided ECT with a picture of the plastic containers. A copy of the picture has been included in Appendix B.

#### 6.3.13 Wastewater

Wastewater or other liquids (including storm water) or any discharge into a drain, ditch, underground injection system, or stream on or adjacent to the subject site were looked for during the site visit. Wastewater was not observed discharging into any drains or underground injections systems.

#### 6.3.14 Wells

Wells, including dry wells, irrigation wells, injection wells, monitoring wells, abandoned wells, or other wells, were looked for during the site visit. As discussed previously, evidence of water service was observed in the location of the wooden structure as well as at the location of the location of the trailer was observed during the site inspection. However, the exact locations of wells could not be verified.

#### 6.3.15 Septic Systems

Indications of onsite septic systems or cesspools were looked for during the site visit. As previously discussed apparent septic systems were observed adjacent to the former wooden structure as well as adjacent to the trailer. There were no signs of stressed vegetation or foul odors in the vicinity of the septic systems. Also, as previously discussed, an apparent steel drum that was partially crushed and partially buried was identified in the southern portion of the Subject Property (see Figure 2). The drum appeared to be buried with a pipe adjacent to a concrete block structure that may have once been a septic system, or a gray-water system. No evidence of onsite septic systems or cesspools was observed on the remaining property in the areas that were visually inspected.

#### 6.4 Interior Observations

The condition of the camper, former wooden structure and trailer has been discussed previously herein. In each case, the structures were partially demolished and dilapidated, making visual observation possible without entering the structures. The structures were not safe for entry.

#### 7.0 INTERVIEWS

#### 7.1 Interviews with Site Contacts

Prior to completion of the Phase I environmental site assessment, ECT interviewed Ms. Sulecki and Mr. Cosentino.

Ms. Sulecki and Mr. Cosentino were asked if they knew whether any of the documents below exist and, if so, whether copies would be provided:

- Environmental site assessment reports
- Environmental audit reports
- Environmental permits (for example, solid waste disposal permits, hazardous waste disposal permits, wastewater permits, National Pollutant Discharge Elimination System permits, underground injection permits)
- Registrations for USTs and ASTs
- Registrations for underground injection systems
- Material safety data sheets
- Community right-to-know plan
- Safety plans; preparedness and prevention plans; spill prevention, countermeasure, and control plans; etc.
- Reports regarding hydrogeologic conditions on the property or surrounding area
- Notices or other correspondence from any government agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property
- Hazardous waste generator notices or reports
- Risk assessments
- Recorded Activity Use Limitations

Mr. Cosentino did not respond to the above questions. With the exception of the question regarding the hydrogeologic conditions on the property, Ms. Sulecki responded 'no' to the above questions. Regarding a report pertaining to 'hydrogeologic conditions' Ms. Sulecki stated "Yes. Conservation Collier has an upland/wetland survey on adjoining properties."

Ms. Sulecki also provided the following statement: "Conservation Collier is not the owner of these parcels, but is seeking this type of information as part of its due diligence in acquiring the parcels."

Ms. Sulecki and Mr. Cosentino were asked to answer the following questions as part of the assessment:



- Do you know of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property?
- Do you know of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property?
- Do you know of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?

Ms. Sulecki and Mr. Cosentino each responded 'no' to the above questions.

#### 7.2 Interviews with Local Government Officials

With the exception of interviews and discussions with Ms. Sulecki of the Conservation Collier Program, no other local or state government officials were contacted during this investigation. Information obtained through the interviews, historical review, and review of the regulatory agency files provided sufficient information for the investigations.

#### 8.0 FINDINGS

This section identifies known or suspect RECs, historical RECs, and *de minimis* conditions discovered during the Phase I ESA investigation.

# 8.1 Known or Suspect RECs

As discussed in Section 6.3.5, one standing and badly corroded steel drum was observed in the west/southwestern portion of the property (see Figure 2). This particular drum was located approximately 200 (+/-) feet from the trailer in the southwestern portion of the Subject Property. The drum contained approximately 8-inches of liquid which could not be identified by visual inspection alone. Much of the vegetation on each side of the drum was dead or partially dead. It could not be verified if the dead vegetation may have been the result of a release from the drum, or had resulted naturally.

Given the condition of the drum and the state of the immediately adjacent vegetation, a possible release from the drum could not be dismissed by visual inspection alone. Therefore, the drum is considered a suspect REC.

#### 8.2 Historical RECs

No historical RECs were identified during this Phase I ESA.

#### 8.3 De Minimis Conditions

The significant amount of debris observed on the Subject Property represents *de minimis* conditions identified as part of this Phase I ESA.

#### 9.0 OPINION

This section presents the environmental professional's opinion(s) of the impact on the property of conditions identified in the findings section.

With the exception of the drum identified previously as a Suspect REC, no other evidence was observed to indicate a release of any hazardous materials or petroleum products has occurred on the subject property. There is no evidence that there has been significant use or storage of hazardous materials or petroleum products throughout the historic use of the subject property.

Review of historical aerial photography alone does not indicate any environmental impairment to the Subject Property. The amount, type and location of miscellaneous debris also indicate that the property may have been utilized as a dump on an intermittent basis. Dumping was most likely performed illegally. All debris observed on the Subject Property should be removed and disposed of at a proper disposal facility.

ECT was unable to visually inspect all portions of the Subject Property due to dense vegetation and ground cover. Attempts were made to inspect areas that may have included activity based on review of historical aerial photography

ECT recommends performance a limited Phase II investigation of the drum previously identified as a Suspect REC. Again, because a possible release from the drum could not be ruled out by visual inspection alone, and given the dead state of the vegetation adjacent to the drum, a limited Phase II investigation is recommended. More specifically, ECT recommends that soil and groundwater adjacent to the drum be investigated for the presence of petroleum constituents.

#### 10.0 CONCLUSIONS

ECT has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527 of the 2021 Rivers Road property in Naples, Florida. Any exceptions to, or deletions from, this practice are described in Section 11 of this report. This assessment has revealed evidence of one Suspect recognized environmental condition (REC) in connection with the property. A limited Phase II ESA is recommended to investigate the Suspect REC. The limited Phase II recommendation is discussed in further detail in Section 9.0.



#### 11.0 DEVIATIONS/DATA GAPS

The following deviations from the ASTM practice were identified:

• The recently-enacted All Appropriate Inquiry standard and ASTM practice indicates that the Tribal equivalent of the CERCLIS, Solid Waste Facilities/Landfill (SWF/LF), Institutional Control/Engineering Controls, Voluntary Cleanup, LUST and Brownfields databases be searched. It is the understanding of ECT that these databases are not available for the State of Florida. Given that all other databases searched did not identify the subject site, the impact of this deviation is considered negligible with regard to identifying RECs.

#### 12.0 ADDITIONAL SERVICES

The following additional services were not provided as part of the scope for conducting this phase I ESA:

A . 1. . . . .

Radon assessment;	Asbestos;
Lead-based paint;	Health and safety;
Lead in drinking water;	Ecological resources;
Wetlands;	Endangered species;
Regulated compliance;	Indoor air quality;
Cultural and historic resources;	Biological agents; and
Industrial hygiene:	Mold.



# 13.0 REFERENCES

- FirstSearch Technology Corporation Environmental Database Report, Rivers Road, Naples, Florida, 34120, May 4, 2010.
- FirstSearch, 2008. Sanborn Map Report, Rivers Road, Naples, Florida 34120, May 4, 2010.
- FirstSearch, 2008. City Directory Review, Rivers Road, Naples, Florida 34120, May 2010.
- Collier County Property Appraisers Website, 2010.
- Collier County Property Appraisers, 2008. Rivers Road, Naples, Florida, 34120. Aerial Photographs.
- Knapp, Michael S., Wm. Scott Burns, and Timothy S. Sharp, *Preliminary Assessment of the Groundwater Resources of Western Collier County, Florida*, <u>Technical Publication #86-1</u>, South Florida Water Management District, 1986
- U.S. Geological Survey, 7.5 Minute Series Topographic Map, 1958 photorevisions 1987. Corkscrew SW, Florida.
- University of Florida's Website, State University System of Florida, 2008. Aerial Photographs, March 2008.
- Florida Department of Transportation, 2008. Aerial Photographs Requested, March 24, 2008.

Dal Bijo 6/3/2010



# **FIGURES**

# **APPENDIX A**

FirstSearch Database Search Report

# FirstSearch Technology Corporation

## **Environmental FirstSearch™ Report**

Target Property: CONSERVATION COLLIER

**2021 RIVERS ROAD** 

NAPLES FL 34120

Job Number: 100001

#### PREPARED FOR:

E C T

4100 Center Pointe Drive, Ste 112 Fort Myers, FL 33916

05-04-10



Tel: (407) 265-8900 Fax: (407) 265-8904

**Target Site:** 2021 RIVERS ROAD NAPLES FL 34120

#### FirstSearch Summary

Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2>	ZIP	TOTALS
) TDY		02 22 10	1.00	0	0	0	0	0	0	
NPL	Y	02-23-10	1.00	0	0	0	0	0	0	0
NPL Delisted	Y	02-23-10	0.50	0	0	0	0	-	0	0
CERCLIS	Y	04-29-10	0.50	0	0	0	0	-	0	0
NFRAP	Y	04-29-10	0.50	0	0	0	0	-	0	0
RCRA COR ACT	Y	02-16-10	1.00	0	0	0	0	0	0	0
RCRA TSD	Y	02-16-10	0.50	0	0	0	0	-	0	0
RCRA GEN	Y	02-16-10	0.25	0	0	0	-	-	1	1
Federal Brownfield	Y	04-19-10	0.25	0	0	0	-	-	0	0
ERNS	Y	04-29-10	0.12	0	0	-	-	-	50	50
Tribal Lands	Y	12-01-05	1.00	0	0	0	0	0	1	1
State/Tribal Sites	Y	04-08-10	1.00	0	0	0	0	0	0	0
State Spills 90	Y	02-03-10	0.12	0	0	-	-	-	4	4
State/Tribal SWL	Y	09-15-09	0.50	0	0	0	0	-	1	1
State/Tribal LUST	Y	02-03-10	0.50	0	0	0	0	-	2	2
State/Tribal UST/AST	Y	02-03-10	0.25	0	0	0	-	-	19	19
State/Tribal EC	Y	03-10-10	0.25	0	0	0	-	-	0	0
State/Tribal IC	Y	03-10-10	0.25	0	0	0	-	-	0	0
State/Tribal VCP	Y	NA	0.50	0	0	0	0	-	0	0
State/Tribal Brownfields	Y	02-04-10	0.50	0	0	0	0	-	1	1
FINDS	Y	05-29-09	0.25	0	0	0	-	-	149	149
Federal Other	Y	01-01-09	0.25	0	0	0	-	-	0	0
State Other	Y	02-03-10	0.25	0	0	0	-	-	0	0
FI Map Coverage	Y	03-26-10	0.12	0	0	-	-	-	0	0
Federal IC/EC	Y	03-12-10	0.50	0	0	0	0	-	0	0
- TOTALS -				0	0	0	0	0	228	228

#### **Notice of Disclaimer**

Due to the limitations, constraints, inaccuracies and incompleteness of government information and computer mapping data currently available to FirstSearch Technology Corp., certain conventions have been utilized in preparing the locations of all federal, state and local agency sites residing in FirstSearch Technology Corp.'s databases. All EPA NPL and state landfill sites are depicted by a rectangle approximating their location and size. The boundaries of the rectangles represent the eastern and western most longitudes; the northern and southern most latitudes. As such, the mapped areas may exceed the actual areas and do not represent the actual boundaries of these properties. All other sites are depicted by a point representing their approximate address location and make no attempt to represent the actual areas of the associated property. Actual boundaries and locations of individual properties can be found in the files residing at the agency responsible for such information.

#### Waiver of Liability

Although FirstSearch Technology Corp. uses its best efforts to research the actual location of each site, FirstSearch Technology Corp. does not and can not warrant the accuracy of these sites with regard to exact location and size. All authorized users of FirstSearch Technology Corp.'s services proceeding are signifying an understanding of FirstSearch Technology Corp.'s searching and mapping conventions, and agree to waive any and all liability claims associated with search and map results showing incomplete and or inaccurate site locations.

### Environmental FirstSearch Site Information Report

100001

**Request Date: Search Type:** 05-04-10 **COORD Requestor Name:** Dan Scippo Job Number: **Standard:** ASTM-05

> **Target Site:** 2021 RIVERS ROAD NAPLES FL 34120

## Demographics

**Population:** Sites: 228 Non-Geocoded: 228 NA

Radon: NA

#### Site Location

	Degrees (Decimal)	Degrees (Min/Sec)		<u>UTMs</u>
Longitude:	-81.648986	-81:38:56	<b>Easting:</b>	435195.792
Latitude:	26.265739	26:15:57	Northing:	2905111.852
Elevation:	14		Zone:	17

#### Comment

**Comment:** 

#### Additional Requests/Services

Adjacent ZIP Codes: 0 Mile(s)				Services:			
ZIP Code	City Name	ST	Dist/Dir	Sel		Requested?	Date
					Fire Insurance Maps	Yes	05-04-10
					Aerial Photographs	No	
					Historical Topos	No	
					City Directories	Yes	05-04-10
					Title Search/Env Liens	No	
					Municipal Reports	No	
					Online Topos	No	

2021 RIVERS ROAD NAPLES FL 34120 **JOB:** 100001 **Target Property:** 

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	FINDS	AVE MARIA WATER AND WASTEWATER 110022456484/FRS	OIL WELL AT CAMP KEAIS RD NAPLES FL 34120	NON GC	N/A	N/A
	FINDS	BOXWOOD 110033639329/FRS	14200 COLLIER BLVD NAPLES FL 34120	NON GC	N/A	N/A
	FINDS	BOLERO 110009101578/FRS	INT OF VANDERBILT and AIRPO NAPLES FL	NON GC	N/A	N/A
	FINDS	BIG CORKSCREW ISLAND - NAPOLI 110032792075/FRS	22ND AVE NE and DESOT BLVD NAPLES FL 34120	NON GC	N/A	N/A
	FINDS	BERMUDA PALMS 110035473476/FRS	IMMOKALEE (4985 SANDRA BAY NAPLES FL	NON GC	N/A	N/A
	FINDS	BERMUDA PALMS 110015617199/FRS	IMMOKALEE (4985 SANDRA RD NAPLES FL	NON GC	N/A	N/A
	FINDS	BERKSHIRE LAKES PARCEL E 110011346301/FRS	UNKNOWN NAPLES FL	NON GC	N/A	N/A
	FINDS	BERKSHIRE LAKES PARCEL E 110009134971/FRS	UNKNOWN NAPLES FL	NON GC	N/A	N/A
	FINDS	BELLAGIO APARTMENTS 110020526180/FRS	LIVINGSTON RD NAPLES FL	NON GC	N/A	N/A
	FINDS	AVIANO AT NAPLES 110035445845/FRS	E SIDE LIVINGSTON RD, S OF NAPLES FL	NON GC	N/A	N/A
	FINDS	AVE MARIATOWN RESIDENTIAL 110022833790/FRS	0 OIL WELL AT CAMP KEAIS RD NAPLES FL 34120	NON GC	N/A	N/A
	FINDS	AVE MARIATOWN CORE 110022833825/FRS	0 OIL WELL AND CAMP KEAIS R NAPLES FL 34120	NON GC	N/A	N/A
	FINDS	AMERICA S BUSINESS PARK 110020531771/FRS	1 E /2 MILE OF OLD US-41 NAPLES FL	NON GC	N/A	N/A
	FINDS	AVE MARIAENTRY ROAD 110022833807/FRS	0 OIL WELL AT CAMP KEAIS RD NAPLES FL 34120	NON GC	N/A	N/A
	FINDS	BRYNWOOD PRESERVE 110012322780/FRS	LIVINGSTON ROAD, SOUTH OF P NAPLES FL	NON GC	N/A	N/A
	FINDS	AVE MARIA UNIVERSITY CAMPUS 110022456518/FRS	OIL WELL AT KEAIS RD NAPLES FL 34120	NON GC	N/A	N/A
	FINDS	AVE MARIA TOWN RESIDENTIAL 110035471646/FRS	OIL WELL RD and CAMP KEAIS NAPLES FL 34120	NON GC	N/A	N/A
	FINDS	AVE MARIA TOWN CORE 110035472244/FRS	OIL WELL RD and CAMP KEAIS NAPLES FL 34120	NON GC	N/A	N/A
	FINDS	AVE MARIA ENTRY RD 110035472253/FRS	OIL WELL RD and CAMP KEAIS NAPLES FL 34120	NON GC	N/A	N/A
	FINDS	AUDUBON SOUTH OUT-PARCEL 110020541243/FRS	LOCATED WITHIN THE AUDUBON NAPLES FL	NON GC	N/A	N/A

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	FINDS	AUDUBON SOUTH OUT - PARCEL 110035467312/FRS	LOCATED WITHIN THE AUDUBON NAPLES FL	NON GC	N/A	N/A
	FINDS	APRIL CIRCLE 110009080074/FRS	IMMOKALEE RD NAPLES FL	NON GC	N/A	N/A
	FINDS	AMSOUTH BANK - RATTLESNAKE (HA 110020541038/FRS	RATTLESNAKE AND US 41, TRAC NAPLES FL	NON GC	N/A	N/A
	FINDS	AMSOUTH BANK - RADIO 110020173836/FRS	NW CORNER OF SANTA BARBARA NAPLES FL	NON GC	N/A	N/A
	FINDS	AMSOUTH BANK 110035468516/FRS	NW CORNER OF SANTA BARBARA NAPLES FL	NON GC	N/A	N/A
	FINDS	AMSOUTH BANK 110035462282/FRS	RATTLESNAKE and US 41, TRAC NAPLES FL	NON GC	N/A	N/A
	FINDS	MANDALAY PUD 110020531780/FRS	N SIDE OF RATTLESNAKE HAMM NAPLES FL	NON GC	N/A	N/A
	FINDS	AVE MARIAK-12 SCHOOL SITE 110022833816/FRS	0 OIL WELL AND CAMP KEAIS R NAPLES FL 34120	NON GC	N/A	N/A
	FINDS	COMMUNITY SCHOOL OF NAPLES 110027088755/FRS	0 UNKNOWN NAPLES FL	NON GC	N/A	N/A
	RCRAGN	VALENCIA GOLF COURSE FLR000120063/VGN	11705 DOUBLE EAGLE TRL NAPLES FL 34120	NON GC	N/A	N/A
	FINDS	HESS STATION 09363 110035691472/FRS	4171 TAMIAMI TRL NAPLES FL	NON GC	N/A	N/A
	FINDS	HERITAGE GREENS GOLF COURSE 110035463977/FRS	OFF IMMOKALEE ROAD, 2 MILES NAPLES FL	NON GC	N/A	N/A
	FINDS	HAWTHORNE 110035461041/FRS	W OF 951, N OF GRAND LELY D NAPLES FL	NON GC	N/A	N/A
	FINDS	HAWTHORNE 110022413798/FRS	W OF 951, OF GRAND LELY NAPLES FL	NON GC	N/A	N/A
	FINDS	HAMMOCK BAY (FKA MARCO SHORES) 110012677497/FRS	MAINSAIL DR NAPLES FL	NON GC	N/A	N/A
	FINDS	GULFVIEW MIDDLE SCHOOL 110025854181/FRS	0 UNKNOWN NAPLES FL	NON GC	N/A	N/A
	FINDS	GORDON RIVER GREENWAY PHASE 1 110035456306/FRS	SECTIONS 2 and 3, TWNSHP 50 NAPLES FL	NON GC	N/A	N/A
	FINDS	GOLDEN GATE PARKWAY AT SUNSHIN 110035452710/FRS	GOLDEN GATE / SUNSHINE BLVD NAPLES FL	NON GC	N/A	N/A
	FINDS	GOLDEN GATE PARKWAY AT SUNSHIN 110020553818/FRS	GOLDEN GATE / SUNSHINE PKY NAPLES FL	NON GC	N/A	N/A
	FINDS	GOLDEN GATE BOULEVARD CR 876 110009105752/FRS	CR 951-WILSON BLVD NAPLES FL 34120	NON GC	N/A	N/A

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	FINDS	GOLDEN GATE BOULEVARD 110010122802/FRS	RECONSTRUCT EXISTING RD NAPLES FL 34120	NON GC	N/A	N/A
	FINDS	BRIARWOOD UNIT II 110011346766/FRS	UNKNOWN NAPLES FL	NON GC	N/A	N/A
	FINDS	CORKSCREW ELEMENTARY SCHOOL 110022224886/FRS	1065 COUNTY 858 RD NAPLES FL 34120	NON GC	N/A	N/A
	FINDS	BRIARWOOD UNIT TWO 110009080467/FRS	N OF RADIO 1 MILE RD NAPLES FL	NON GC	N/A	N/A
	FINDS	COLLIER S RESERVE 110009079479/FRS	CR 846 and US NAPLES FL	NON GC	N/A	N/A
	FINDS	COLLIER COUNTY VOCATIONAL-TECH 110025688343/FRS	0 UNKNOWN NAPLES FL	NON GC	N/A	N/A
	FINDS	COLLIER COUNTY REGIONAL WTP 110013173127/FRS	UNKNOWN NAPLES FL	NON GC	N/A	N/A
	FINDS	COLLIER COUNTY GOVERNMENT 110035459786/FRS	RATTLESNAKE HAMMOCK RD and NAPLES FL	NON GC	N/A	N/A
	FINDS	CLASSICS PLANTATION ESTATES - 110012809292/FRS	CLASSICS PLANTATION ESTATES NAPLES FL	NON GC	N/A	N/A
	FINDS	CITY GATE PUD 110015730538/FRS	NE CORNER OF CR 951 NAPLES FL	NON GC	N/A	N/A
	FINDS	CHARLEE ESTATES PHASE II 110020174238/FRS	TAMIAMI TRAIL E and CHICKEE NAPLES FL	NON GC	N/A	N/A
	FINDS	CHARLEE ESTATES PHASE 2 110035449459/FRS	TAMIAMI TRAIL E and CHICKEE NAPLES FL	NON GC	N/A	N/A
	FINDS	CCPS SCHOOL L WWTF 110035622056/FRS	11110 IMMOKALEE RD NAPLES FL 34120	NON GC	N/A	N/A
	FINDS	CARVER SCHOOL 110026384543/FRS	0 UNKNOWN NAPLES FL	NON GC	N/A	N/A
	FINDS	CAMERON COMMONS - UNIT 1 110037316099/FRS	NEC OF CR-951 and IMMOKALEE NAPLES FL 34120	NON GC	N/A	N/A
	FINDS	ALLIGATOR ALLEY 110035459866/FRS	N, SIDE OF DAVIS BLVD. 1/8 NAPLES FL	NON GC	N/A	N/A
	FINDS	CORKSCREW ELEMENTARY SCHOOL 110036467891/FRS	1065 COUNTY 858 RD NAPLES FL 34120	NON GC	N/A	N/A
	ERNS	CORNER OF PINE RIDGE AND I-75 NRC-590403/MOBILE	UNKNOWN NAPLES FL	NON GC	N/A	N/A
	ERNS	NEAR PELICAN ISLE YACHT CLUB NRC-872083/STORAGE TANK	NEAR PELICAN ISLE YACHT CLU NAPLES FL	NON GC	N/A	N/A
	ERNS	NAPLES CITY DOCK NRC-892914/FIXED	CITY DOCK NAPLES FL	NON GC	N/A	N/A

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	ERNS	LEAVING TIN CITY ON NAPLES BAY NRC-654169/FIXED	NAPLES FL	NON GC	N/A	N/A
	ERNS	IRECO FLORIDA INC 263389/HIGHWAY RELATED	2 E MILES OF THE TOLLGATE P NAPLES FL	NON GC	N/A	N/A
	ERNS	INTERSTATE 75, WESTBOUND NRC-550374/MOBILE	INTERSTATE 75, WESTBOUND NAPLES FL	NON GC	N/A	N/A
	ERNS	INTERSECTION OF ROUTE 951 and NRC-767269/MOBILE	UNKNOWN NAPLES FL	NON GC	N/A	N/A
	ERNS	INTERSECTION OF COLLIER BLVD a NRC-800532/MOBILE	NAPLES FL	NON GC	N/A	N/A
	ERNS	IN FRONT OF THE PROPERTY 776 K NRC-927454/MOBILE	IN FRONT OF THE PROPERTY 77 NAPLES FL	NON GC	N/A	N/A
	ERNS	I-75 NORTH BOUND AT MILE MARKE NRC-856638/MOBILE	UNKNOWN NAPLES FL	NON GC	N/A	N/A
	ERNS	I-75 / MILE MARKER 84 NRC-543913/MOBILE	I-75 / MILE MARKER 84 NAPLES FL	NON GC	N/A	N/A
	ERNS	FLEET TRANSPORT 311638/HIGHWAY RELATED	INTERSTATE 75 WESTBOUND NAPLES FL	NON GC	N/A	N/A
	FINDS	AMERICA S BUSINESS PARK 110035469506/FRS	1/2 MILE EAST OF OLD US-41 NAPLES FL	NON GC	N/A	N/A
	ERNS	DALLAS BOAT CHARTER 328174/FIXED FACILITY	TEN CITY, NEAR THE GORDAN R NAPLES FL	NON GC	N/A	N/A
	ERNS	ON DAVIS BLVD NEAR THE INTERSE NRC-850911/STORAGE TANK	UNKNOWN NAPLES FL	NON GC	N/A	N/A
	ERNS	COLLIER COUNTY SOUTH REGIONAL NRC-923384/FIXED	3835 CITY GATE DR NAPLES FL	NON GC	N/A	N/A
	ERNS	COLLIER CNTY PUBLIC SCH. 161914/FIXED FACILITY	COUGAR BUS MAINTENANCE TER	M NON GC	N/A	N/A
	ERNS	COLLIER BLVD BETWEEN RATTLE NRC-796678/MOBILE	UNKNOWN NAPLES FL	NON GC	N/A	N/A
	ERNS	AUTO AIR NAPLES 579008/HIGHWAY RELATED	SHIRLEY ST NAPLES FL	NON GC	N/A	N/A
	ERNS	AT THE GORDON RIVER AS IT EMPT NRC-824947/VESSEL	UNKNOWN NAPLES FL	NON GC	N/A	N/A
	ERNS	4333 20TH STREET NW NRC-889944/FIXED	4333 20TH ST NW NAPLES FL	NON GC	N/A	N/A
	ERNS	4333 20TH STREET NE NRC-893981/FIXED	4333 20TH ST NE NAPLES FL	NON GC	N/A	N/A
	ERNS	4171 TAMIMI TRAIL NRC-909847/FIXED	4171 TAMIAMI TRL NAPLES FL	NON GC	N/A	N/A

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	ERNS	3419 BOCA CIEGO DRIVE NRC-928888/FIXED	3419 BOCA CIEGO DR NAPLES FL	NON GC	N/A	N/A
	ERNS	1460 14TH AVE NORTH NRC-893593/FIXED	1460 14TH AVE N NAPLES FL	NON GC	N/A	N/A
	ERNS	1001 PENT AVE SOUTH NRC-566141/FIXED	NAPLES FL	NON GC	N/A	N/A
	ERNS	10 MILES WEST OF THE COLLIER D NRC-849224/MOBILE	UNKNOWN NAPLES FL	NON GC	N/A	N/A
	ERNS	ESTEY AVE AND BROOKSIDE DR. NRC-777983/FIXED	UNKNOWN NAPLES FL	NON GC	N/A	N/A
	ERNS	479923/HIGHWAY RELATED	MILE 58 ALLIGATOR ALLEY HGW NAPLES FL	NON GC	N/A	N/A
	FINDS	ALLIGATOR ALLEY 110015730547/FRS	N, SIDE OF DAVIS BLVD. NAPLES FL	NON GC	N/A	N/A
	FINDS	7-11 25386 110010048938/FRS	THE SOUTHLAND CORPORATIONS NAPLES FL	3NON GC	N/A	N/A
	FINDS	7 - ELEVEN 32231 110035455824/FRS	US 41 and COMMERCIAL DRIVE NAPLES FL	NON GC	N/A	N/A
	FINDS	13TH ST SW 110035449011/FRS	B/16TH SW/GOLDEN GATE BLVD NAPLES FL	NON GC	N/A	N/A
	FINDS	13TH ST SW 110020168851/FRS	B/W 16TH SW/GOLDEN GATE AVE NAPLES FL	NON GC	N/A	N/A
	ERNS	474249/UNKNOWN	MILE 58 ALLIGATOR ALLEY HGW NAPLES FL	NON GC	N/A	N/A
	ERNS	412200/HIGHWAY RELATED	I-75 MILE 53 ALLIGATOR ALLE NAPLES FL	NON GC	N/A	N/A
	ERNS	NRC-634165/MOBILE	JOSEPH LN NAPLES FL	NON GC	N/A	N/A
	ERNS	343619/HIGHWAY RELATED	I75 NAPLES FL	NON GC	N/A	N/A
	ERNS	529849/HIGHWAY RELATED	I-75 WESTBOUND MM 85 5 MI W NAPLES FL	NON GC	N/A	N/A
	ERNS	574268/FIXED FACILITY	SABLE PALM ROAD 3.5MI E OF NAPLES FL	NON GC	N/A	N/A
	ERNS	NRC-532899/PIPELINE	PLAM DR NAPLES FL	NON GC	N/A	N/A
	ERNS	NORTH BEAR ISLAND SOUTH PADS - NRC-810016/FIXED	UNKNOWN NAPLES FL	NON GC	N/A	N/A
	ERNS	563841/FIXED FACILITY	58TH AVE NAPLES FL 34120	NON GC	N/A	N/A

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	ERNS	NORTH OF INTERSECTION DESOTO B NRC-776998/STORAGE TANK	UNKNOWN NAPLES FL	NON GC	N/A	N/A
	ERNS	423154/HIGHWAY RELATED	MM 89 ON HIGHWAY 175 11 MIL NAPLES FL	NON GC	N/A	N/A
	ERNS	UTILITES SEVICES GROUP 225598/FIXED FACILITY	1301 PAGELS US 1 RD NAPLES FL	NON GC	N/A	N/A
	ERNS	TURNER SEAFOOD 574302/FIXED FACILITY	NEAR CITY DOCKS NAPLES FL	NON GC	N/A	N/A
	ERNS	TURNER MARINE 574303/FIXED FACILITY	UNKNOWN NAPLES FL	NON GC	N/A	N/A
	ERNS	TRANSPORT SOUTH INC 542079/UNKNOWN	SITE OIL 105 NAPLES FL	NON GC	N/A	N/A
	ERNS	TRANSPORT SOUTH INC 544342/FIXED FACILITY	SITE OIL 105 NAPLES FL	NON GC	N/A	N/A
	ERNS	SOUTH OF THE 12TH ST. PIER / P NRC-716782/FIXED	NAPLES FL	NON GC	N/A	N/A
	ERNS	PLANNED PARENTHOOD NRC-516053/FIXED	THE CALLER DID NOT HAVE THE NAPLES FL	NON GC	N/A	N/A
	ERNS	PLANNED PARENTHOOD NRC-516035/FIXED	THE CALLER DID NOT HAVE THE NAPLES FL	NON GC	N/A	N/A
	ERNS	ON THE LAST BEACH PARKING AREA NRC-859281/FIXED	ON THE LAST BEACH PARKING A NAPLES FL	NON GC	N/A	N/A
	ERNS	ON THE 5 WEST GULF COURSE 180 NRC-888724/MOBILE	1808 IMPERIAL GULF COURSE B NAPLES FL	NON GC	N/A	N/A
	FINDS	MAPLEWOOD UNIT ONE 110011346294/FRS	UNKNOWN NAPLES FL	NON GC	N/A	N/A
	ERNS	NRC-816474/FIXED	TAYLOR NAPLES FL	NON GC	N/A	N/A
	FINDS	NAPLES WATER DEPT 110013173109/FRS	UNKNOWN NAPLES FL	NON GC	N/A	N/A
	FINDS	SOUTHERN GOLDEN GATES ESTATES- 110015725447/FRS	N OF BROKEN WING RANCH NAPLES FL	NON GC	N/A	N/A
	FINDS	SOUTHERN GOLDEN GATES ESTATES 110035477132/FRS	N OF BROKEN WING RANCH TO 1 NAPLES FL	NON GC	N/A	N/A
	FINDS	SONNY S REAL PIT BARBECUE 110009103335/FRS	NE CRN/AIRPORT-PULLING RD/W NAPLES FL	NON GC	N/A	N/A
	FINDS	PARKER HANNIFIN CORP 110035479130/FRS	1929 DON ST NAPLES FL	NON GC	N/A	N/A
	FINDS	PALMETTO RIDGE HIGH SCHOOL 110036026065/FRS	1655 VICTORY LN NAPLES FL 34120	NON GC	N/A	N/A

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	FINDS	ORANGETREE UTILITY CO. 110013173145/FRS	UNKNOWN NAPLES FL	NON GC	N/A	N/A
	FINDS	ORANGE BLOSSOM RANCH PHASE 1A 110024391193/FRS	0 OIL WELL AND BIG ISLAND R NAPLES FL 34120	NON GC	N/A	N/A
	FINDS	ORANGE BLOSSOM RANCH - PHASE 1 110035682302/FRS	UNKNOWN NAPLES FL 34120	NON GC	N/A	N/A
	FINDS	ORANGE BLOSSOM RANCH - PHASE 1 110035479817/FRS	OIL WELL RD and BIG ISLAND NAPLES FL 34120	NON GC	N/A	N/A
	FINDS	ORANGE BLOSSOM RANCH - PHASE 1 110032773871/FRS	UNKNOWN NAPLES FL 34120	NON GC	N/A	N/A
	FINDS	NTGARGIULO - NAPLES TOMATO GRO 110035469249/FRS	15000 N OLD US 41 NAPLES FL	NON GC	N/A	N/A
	FINDS	FIDDLERS CREEK PHASE 1A 110011343796/FRS	UNKNOWN NAPLES FL	NON GC	N/A	N/A
	FINDS	NET REALTY HOLDING TRUST 110035450990/FRS	1900 N TAMIAMI TRAI NAPLES FL	NON GC	N/A	N/A
	FINDS	ST. AGNES CATHOLIC CHURCH 110012676899/FRS	NE CORNER CR 951 and VANDER NAPLES FL	NON GC	N/A	N/A
	FINDS	MACASPHALT 110012622563/FRS	APAC NAPLES QUARRY NAPLES FL	NON GC	N/A	N/A
	FINDS	LIVINGSTON ROAD PHASE II 110009008509/FRS	GOLDEN GATE TO PINE RIDGE NAPLES FL	NON GC	N/A	N/A
	FINDS	LIVINGSTON RD - PHASE 2 110035465984/FRS	GOLDEN GATE TO PINE RIDGE 1 NAPLES FL	NON GC	N/A	N/A
	FINDS	LIVING WORD FAMILY CHURCH 110037935795/FRS	10910 IMMOKALEE RD NAPLES FL 34120	NON GC	N/A	N/A
	FINDS	LEWIS and CLARK HIGH SCHOOL 110035463021/FRS	OIL WELL RD NAPLES FL	NON GC	N/A	N/A
	FINDS	LAURAL OAKS ELEMENTARY 110020911110/FRS	7800 IMMOKALEE NAPLES 34119 NAPLES FL	NON GC	N/A	N/A
	FINDS	LAKE PARK SCHOOL 110027027848/FRS	0 UNKNOWN NAPLES FL	NON GC	N/A	N/A
	FINDS	KENSINGTON PARK 110011348201/FRS	UNKNOWN NAPLES FL	NON GC	N/A	N/A
	FINDS	INDIAN LAKES - A.K.A. OLD CYPR 110015730093/FRS	N OF IMMOKALEE and RD NAPLES FL	NON GC	N/A	N/A
	FINDS	INDIAN LAKES 110035467429/FRS	NORTH OF IMMOKALEE RD. and NAPLES FL	NON GC	N/A	N/A
	FINDS	IMMOKALEE RD. (CR 846) COLLIER 110015726767/FRS	CR 951 TO 43RD AVE NE NAPLES FL	NON GC	N/A	N/A

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Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	FINDS	MANDALAY PLANNED UNIT DEVELOPM 110035451427/FRS	NORTH SIDE OF RATTLESNAKE H NAPLES FL	NON GC	N/A	N/A
	FINDS	NORTHBROOKE DR 110011346285/FRS	UNKNOWN NAPLES FL	NON GC	N/A	N/A
	FINDS	VALENCIA LAKES - PHASE 6A 110035578559/FRS	UNKNOWN NAPLES FL 34120	NON GC	N/A	N/A
	UST	LODGE AT THE QUARRY 119809439/OPEN	9395 WAETHERED STONE DR NAPLES FL 34120	NON GC	N/A	N/A
	UST	JOHNSON FARMS 119810827/CLOSED	SECTION 11, 12 TWNSHP 48S R NAPLES FL	NON GC	N/A	N/A
	UST	HIGHWAY PAVERS INC-N QUARRY SI 118732403/CLOSED	SR 951 NAPLES FL	NON GC	N/A	N/A
	UST	DUMP TRUCKS COLLISION 119805212/CLOSED	IMMOKOLEE RD NAPLES FL	NON GC	N/A	N/A
	UST	DUMP TRUCKS COLLISION 119805213/CLOSED	IMMOKOLEE RD NAPLES FL	NON GC	N/A	N/A
	UST	COLLIER CNTY-S REVERSE OSMOSIS 119810559/OPEN	WELLFIELD RO-29S NAPLES FL	NON GC	N/A	N/A
	UST	COLLIER CNTY WELLHOUSE 16 119805411/OPEN	13TH ST N ACROSS BRIDGE NAPLES FL 34120	NON GC	N/A	N/A
	UST	COLLIER CNTY WELLHOUSE 13 119805410/OPEN	13TH ST N ACROSS BRIDGE NAPLES FL 34120	NON GC	N/A	N/A
	UST	COLLIER CNTY SCHOOL BD-PALMETT 119809988/OPEN	1655 VICTORY LN NAPLES FL 34120	NON GC	N/A	N/A
	UST	COLLIER CNTY S REVERSE OSMOSIS 119810558/OPEN	WELLFIELD RO-31S NAPLES FL	NON GC	N/A	N/A
	SPILLS	COLLIER CNTY EMS FUEL SPILL 119806936/CLOSED	12724 EAST TAMIAMI TRL NAPLES FL	NON GC	N/A	N/A
	FINDS	110020972107/FRS	STATE ROAD 858 NORTH NAPLES FL	NON GC	N/A	N/A
	FINDS	SR-93 ALLIGATOR ALLEY - I-75 S 110035450491/FRS	I-75 S OF EXIT 101 and TOLL NAPLES FL	NON GC	N/A	N/A
	FINDS	WESTERN INTERCONNECT PHASE 2 110020540208/FRS	LIVINGSTON RD/INDUSTRIAL BL NAPLES FL	NON GC	N/A	N/A
	FINDS	ST AGNES CATHOLIC CHURCH 110035453005/FRS	NE CORNER CR 951 and VANDER NAPLES FL	NON GC	N/A	N/A
	FINDS	VALENCIA LAKES - PHASE 6A 110028290141/FRS	UNKNOWN NAPLES FL 34120	NON GC	N/A	N/A
	FINDS	VALENCIA LAKES - PHASE 5A AND 110022456527/FRS	BERGAMOT LN NAPLES FL 34120	NON GC	N/A	N/A

2021 RIVERS ROAD NAPLES FL 34120 **JOB:** 100001 **Target Property:** 

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	FINDS	VALENCIA GOLF COURSE 110022433570/FRS	11705 DOUBLE EAGLE TRL NAPLES FL 34120	NON GC	N/A	N/A
	FINDS	VALENCIA GOLF AND COUNTRY CLUB 110022457072/FRS	14020 IMMOKALEE RD NAPLES FL 34120	NON GC	N/A	N/A
	FINDS	US41 (SR90); FROM BAREFOOT WIL 110015623627/FRS	FROM BAREFOOT WILLIAMS TO S NAPLES FL	NON GC	N/A	N/A
	FINDS	US DEPARTMENT OF INTERIOR 110010052307/FRS	BEAR ISLAND CAMPGROUND NAPLES FL	NON GC	N/A	N/A
	FINDS	THE BOULEVARD SHOPPES 110021019654/FRS	NAPLES BLVD NAPLES FL	NON GC	N/A	N/A
	FINDS	TERAFINA 110035467438/FRS	ONE MILE N OF IMMOKALEE RD. NAPLES FL	NON GC	N/A	N/A
	FINDS	TERAFINA 110015730084/FRS	ONE MILE N OF IMMOKALEE RD. NAPLES FL	NON GC	N/A	N/A
	FINDS	STATE RD 45 (US41) 110009103914/FRS	FROM CR887 TO CR846 NAPLES FL	NON GC	N/A	N/A
	FINDS	STATE RD 45 (US41) 110009103905/FRS	FROM CR846 TO S OF MYRTLE R NAPLES FL	NON GC	N/A	N/A
	FINDS	ESTATES ELEMENTARY SCHOOL 110036026083/FRS	5945 EVERGLADES BLVD N NAPLES FL 34120	NON GC	N/A	N/A
	FINDS	110020972090/FRS	ROOKERY BAY RD NAPLES FL	NON GC	N/A	N/A
	FINDS	QUARRY 110035461755/FRS	E ON IMMOKALEE RD 3600 FEET NAPLES FL	NON GC	N/A	N/A
	FINDS	TWIN EAGLES - PARCEL 102 110032757782/FRS	TWIN EAGLES BLVD NAPLES FL 34120	NON GC	N/A	N/A
	FINDS	TWIN EAGLES - PARCEL 101 110035498477/FRS	TWIN EAGLES BLVD NAPLES FL 34120	NON GC	N/A	N/A
	FINDS	TWIN EAGLES - PARCEL 101 110024457194/FRS	TWIN EAGLES BLVD NAPLES FL 34120	NON GC	N/A	N/A
	FINDS	TUSCANY RESERVE 110035479069/FRS	EAST OF LIVINGSTON RD WEST NAPLES FL	NON GC	N/A	N/A
	FINDS	TRAIL RIDGE 110035470442/FRS	US 41 APPROXIMATELY 1/4 MIL NAPLES FL	NON GC	N/A	N/A
	FINDS	TRAIL RIDGE 110024385306/FRS	0 US 41 APPROXIMATELY 1/4 M NAPLES FL	NON GC	N/A	N/A
	FINDS	TIB BANK AT PINE AIR LAKES 110021024988/FRS	NAPLES BLVD NAPLES FL	NON GC	N/A	N/A
	FINDS	SITE ID 120210003 110006979813/FRS	E NAPLES FIRE DEPT NAPLES FL	NON GC	N/A	N/A

2021 RIVERS ROAD NAPLES FL 34120 **JOB:** 100001 **Target Property:** 

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	FINDS	SILVER LAKES 110011348103/FRS	UNKNOWN NAPLES FL	NON GC	N/A	N/A
	FINDS	SHOPS OF GOLDEN GATE ESTATES 110038271599/FRS	GOLDEN GATE and WILSON BLVD NAPLES FL 34120	NON GC	N/A	N/A
	FINDS	SAINT ANN SCHOOL 110025943273/FRS	0 UNKNOWN NAPLES FL	NON GC	N/A	N/A
	FINDS	FIDDLERS CREEK PHASE 1B 110011343661/FRS	UNKNOWN NAPLES FL	NON GC	N/A	N/A
	FINDS	QUARRY LAKE ESTATES 110020172775/FRS	MARETEE OFF OF GREENWAY RD NAPLES FL	NON GC	N/A	N/A
	FINDS	US DEPARTMENT OF INTERIOR 110009129656/FRS	BIG CYPRESS SANCTUARY NAPLES FL	NON GC	N/A	N/A
	FINDS	PORT OF THE ISLANDS-SOUTH 110010042738/FRS	OFF US 41 SOUTH OF NAPLES NAPLES FL	NON GC	N/A	N/A
	FINDS	PINEWOOD PRIVATE SCHOOL 110025733605/FRS	0 UNKNOWN NAPLES FL	NON GC	N/A	N/A
	FINDS	PINE RIDGE INDUSTRIAL PARKMSTU 110011347961/FRS	UNKNOWN NAPLES FL	NON GC	N/A	N/A
	FINDS	PELICAN STRAND PUBLIX 110009092365/FRS	SE CORNER OF STRAND BLVD/TA NAPLES FL	NON GC	N/A	N/A
	FINDS	NAPLES SEVENTH-DAY ADVENTIST C 110025637951/FRS	0 UNKNOWN NAPLES FL	NON GC	N/A	N/A
	FINDS	NAPLES SANITARY LANDFILL 110013929188/FRS	1 E .5 MI SR 951 JCT NAPLES FL	NON GC	N/A	N/A
	FINDS	NAPLES MUNI 110038015420/FRS	UNKNOWN NAPLES FL	NON GC	N/A	N/A
	FINDS	NAPLES ADULT HIGH SCHOOL 110025637899/FRS	0 UNKNOWN NAPLES FL	NON GC	N/A	N/A
	FINDS	MOBIL SERVICE STATION 02 - A19 110035467303/FRS	40 N.9 TH ST NAPLES FL	NON GC	N/A	N/A
	FINDS	MIDDLE SCHOOL EE 110036026145/FRS	4255 18TH AVE NE NAPLES FL 34120	NON GC	N/A	N/A
	FINDS	MEDITERRA PHASE THREE EAST - U 110022413690/FRS	E OF INTERSECTION OF LIVING NAPLES FL	NON GC	N/A	N/A
	FINDS	MARCO LAKES ASR 110035449404/FRS	NORTHEAST OF US 41 and SR 9 NAPLES FL	NON GC	N/A	N/A
	FINDS	SABAL PALM ELEMENTARY SCHOOL 110036026109/FRS	4095 18TH AVE NE NAPLES FL 34120	NON GC	N/A	N/A
	UST	COLLIER CNTY NRO 19 119810342/OPEN	10425 VANDERBILT BEACH RD NAPLES FL	NON GC	N/A	N/A

**Target Property:** 2021 RIVERS ROAD NAPLES FL 34120 **JOB:** 100001

SELECTED: 0 **TOTAL:** 228 **GEOCODED:** 0 NON GEOCODED: 228

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
•	FINDS	EDISON VILLAGE 110035447380/FRS	NORTHWEST CORNER OF COLLIER NAPLES FL	NON GC	N/A	N/A
	FINDS	ECKERD 110015729390/FRS	NEC US 41 and NAPLES FL	NON GC	N/A	N/A
	FINDS	EAST NAPLES MIDDLE SCHOOL 110027025662/FRS	0 UNKNOWN NAPLES FL	NON GC	N/A	N/A
	FINDS	DOVE POINTE 110011345883/FRS	UNKNOWN NAPLES FL	NON GC	N/A	N/A
	FINDS	DOMINION VIDEO SATELLITE 110020547229/FRS	TOLLHOUSE DR NAPLES FL	NON GC	N/A	N/A
	FINDS	CYPRESS WOODS 110035468990/FRS	NE CORNER OF I-75 and IMMOK NAPLES FL	NON GC	N/A	N/A
	FINDS	CORKSCREW SWAMP SANCTUARY 110035600560/FRS	375 SANCTUARY RD NAPLES FL 34120	NON GC	N/A	N/A
	FINDS	CORKSCREW MIDDLE SCHOOL 110036467971/FRS	1165 COUNTY 858 RD NAPLES FL 34120	NON GC	N/A	N/A
	FINDS	CORKSCREW MIDDLE SCHOOL 110022102204/FRS	1165 COUNTY 858 RD NAPLES FL 34120	NON GC	N/A	N/A
	TRIBALLAND	BUREAU OF INDIAN AFFAIRS CONTA BIA-34120	UNKNOWN FL 34120	NON GC	N/A	N/A
	BROWNFIELD	BAYSHORE CULTURAL ARTS CATALYT BF110901000/ACTIVE	UNKNOWN NAPLES FL	NON GC	N/A	N/A
	LUST	DUMP TRUCKS COLLISION 119805212/FACILITY CLOSED	IMMOKOLEE RD NAPLES FL	NON GC	N/A	N/A
	FINDS	US 41 (SR 90) FROM BAREFOOT WI 110035458368/FRS	FROM BAREFOOT WILLIAMS TO S NAPLES FL	NON GC	N/A	N/A
	UST	SNL DISTRIBUTION TRUCK ACCIDEN 119805527/CLOSED	I-75 MM 67 NAPLES FL	NON GC	N/A	N/A
	FINDS	US 41/SR 90 BRIDGES 030013 a 110009093872/FRS	STA 23+17.28 TO STA 68+12.6 NAPLES FL	NON GC	N/A	N/A
	UST	COLLIER CNTY - S REVERSE OSMOS 119810556/OPEN	WELLFIELD RO-36S NAPLES FL	NON GC	N/A	N/A
	UST	COLLIER CNTY - S REVERSE OSMOS 119810557/OPEN	WELLFIELD RO-33S NAPLES FL	NON GC	N/A	N/A
	UST	COLLIER CNTY - S REVERSE OSMOS 119810560/OPEN	WELLFIELD RO-26S NAPLES FL	NON GC	N/A	N/A
	UST	COLLIER CNTY - S REVERSE OSMOS 119810562/OPEN	WELLFIELD RO-20S NAPLES FL	NON GC	N/A	N/A
	UST	COLLIER CNTY - S REVERSE OSMOS 119810563/OPEN	WELLFIELD RO-16S NAPLES FL	NON GC	N/A	N/A

2021 RIVERS ROAD NAPLES FL 34120 **JOB:** 100001 **Target Property:** 

NON GEOCODED: 228 SELECTED: 0 TOTAL: 228 **GEOCODED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	<b>ElevDiff</b>	Page No.
	UST	COLLIER CNTY - S REVERSE OSMOS 119810561/OPEN	WELLFIED RO-23S NAPLES FL	NON GC	N/A	N/A
	SWL	OLIVA PROPERTIES 95603/ACTIVITY NOT PERMITE	1226 / 1264 / 1340 WILD TUR NAPLES FL 34120	NON GC	N/A	N/A
	SPILLS	TRUCK WRECK IMMOKALEE and WO 119806641/CLOSED	IMMOKALEE and WOODCREST ROA NAPLES FL 34120	NON GC	N/A	N/A
	SPILLS	DUMP TRUCKS COLLISION 119805213/CLOSED	IMMOKOLEE RD NAPLES FL	NON GC	N/A	N/A
	SPILLS	DUMP TRUCKS COLLISION 119805212/CLOSED	IMMOKOLEE RD NAPLES FL	NON GC	N/A	N/A
	FINDS	US DEPARTMENT OF INTERIOR 110010052290/FRS	CENTER TRL NAPLES FL	NON GC	N/A	N/A
	UST	R A BETHEA JR 118837290/CLOSED	STATE HWY 858 IMMOKALEE FL 34120	NON GC	N/A	N/A
	LUST	DUMP TRUCKS COLLISION 119805213/FACILITY CLOSED	IMMOKOLEE RD NAPLES FL	NON GC	N/A	N/A

#### **Environmental FirstSearch Descriptions**

**NPL:** *EPA* NATIONAL PRIORITY LIST - The National Priorities List is a list of the worst hazardous waste sites that have been identified by Superfund. Sites are only put on the list after they have been scored using the Hazard Ranking System (HRS), and have been subjected to public comment. Any site on the NPL is eligible for cleanup using Superfund Trust money.

A Superfund site is any land in the United States that has been contaminated by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment.

FINAL - Currently on the Final NPL

PROPOSED - Proposed for NPL

**NPL DELISTED:** *EPA* NATIONAL PRIORITY LIST Subset - Database of delisted NPL sites. The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

DELISTED - Deleted from the Final NPL

**CERCLIS:** *EPA* COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM (CERCLIS)- CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL.

PART OF NPL- Site is part of NPL site

DELETED - Deleted from the Final NPL

FINAL - Currently on the Final NPL

NOT PROPOSED - Not on the NPL

NOT VALID - Not Valid Site or Incident

PROPOSED - Proposed for NPL

REMOVED - Removed from Proposed NPL

SCAN PLAN - Pre-proposal Site

WITHDRAWN - Withdrawn

**NFRAP:** *EPA* COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM ARCHIVED SITES - database of Archive designated CERCLA sites that, to the best of EPA's knowledge, assessment has been completed and has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

NFRAP - No Further Remedial Action Plan

- P Site is part of NPL site
- D Deleted from the Final NPL
- F Currently on the Final NPL
- N Not on the NPL
- O Not Valid Site or Incident
- P Proposed for NPL
- R Removed from Proposed NPL
- S Pre-proposal Site
- W-Withdrawn

RCRA COR ACT: EPA RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.

RCRAInfo facilities that have reported violations and subject to corrective actions.

RCRA TSD: *EPA* RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM TREATMENT, STORAGE, and DISPOSAL FACILITIES. - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.

Facilities that treat, store, dispose, or incinerate hazardous waste.

RCRA GEN: *EPA/MA DEP/CT DEP* RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM GENERATORS - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.

Facilities that generate or transport hazardous waste or meet other RCRA requirements.

LGN - Large Quantity Generators

SGN - Small Quantity Generators

VGN – Conditionally Exempt Generator.

Included are RAATS (RCRA Administrative Action Tracking System) and CMEL (Compliance Monitoring & Enforcement List) facilities.

CONNECTICUT HAZARDOUS WASTE MANIFEST – Database of all shipments of hazardous waste within, into or from Connecticut. The data includes date of shipment, transporter and TSD info, and material shipped and quantity. This data is appended to the details of existing generator records.

MASSACHUSETTES HAZARDOUS WASTE GENERATOR – database of generators that are regulated under the MA DEP.

VQN-MA = generates less than 220 pounds or 27 gallons per month of hazardous waste or waste oil.

SQN-MA = generates 220 to 2,200 pounds or 27 to 270 gallons per month of waste oil.

LQG-MA = generates greater than 2,200 lbs of hazardous waste or waste oil per month.

**ERNS:** *EPA/NRC* EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS) - Database of incidents reported to the National Response Center. These incidents include chemical spills, accidents involving chemicals (such as fires or explosions), oil spills, transportation accidents that involve oil or chemicals, releases of radioactive materials, sightings of oil sheens on bodies of water, terrorist incidents involving chemicals, incidents where illegally dumped chemicals have been found, and drills intended to prepare responders to handle these kinds of incidents. Data since January 2001 has been received from the National Response System database as the EPA no longer maintains this data.

**Tribal Lands:** *BIA* INDIAN LANDS AND NATIVE ENTITIES IN FLORIDA - database of American Indian reservations in Florida.

**Tribal Lands:** *DOI/BIA* INDIAN LANDS OF THE UNITED STATES - Database of areas with boundaries established by treaty, statute, and (or) executive or court order, recognized by the Federal Government as territory in which American Indian tribes have primary governmental authority. The Indian Lands of the United States map layer shows areas of 640 acres or more, administered by the Bureau of Indian Affairs. Included are Federally-administered lands within a reservation which may or may not be considered part of the reservation. BUREAU OF INDIAN AFFIARS CONTACT - Regional contact information for the Bureau of Indian Affairs offices.

**State/Tribal Sites:** *FL DER/DEP/EPA* FLORIDA SITES LIST - database of identified facilities and/or locations that the Florida Department of Environmental Regulation has recognized with potential or existing environmental contamination.

SUPERFUND HAZARDOUS WASTE SITES- database that correlates to the NPL list and includes active, delisted, and Federal sites.

State Spills 90: FDEP PETROLEUM CONTAMINATION AND CLEANUP REPORTS - database of

contaminated facility reports provide the Facility ID, Facility Type, Score, Rank, Operator Information, and Owner Information, for facilities that currently have contamination

**State/Tribal SWL:** *FDEP* SOLID WASTE FACILITIES LIST - database concerned with the handling of waste and includes locations identified with solid waste landfilling or associated activities involving the handling of solid waste. The presence of a site on this list does not necessarily indicate existing environmental contamination, but rather the potential. The FDEP assigns scores to the sites based on the threat to human health and the environment. The Rank is determined by the site's Score and reflects the state's priority for remedial action on that site. Typically, the lower the Rank value, the greater the priority for remedial action from the state.

**State/Tribal LUST:** *FDEP* LEAKING UNDERGROUND STORAGE TANKS LIST - database of petroleum storage tank systems that have reported the possible release of contaminants. Included within this list are sites that are in the Florida Early Detection Incentive (EDI) Program, the Abandoned Tank Restoration Program (ATRP) and the Petroleum Liability Insurance Restoration Program (PLIRP). These programs support remedial action or reimbursement for those sites with environmental problems due to leaking fuel storage tanks. Some sites listed in the report have not yet been accepted in these programs.

**State/Tribal UST/AST:** *FDEP/EPA* STORAGE TANK AND CONTAMINATION MONITORING DATABASE - Database of all storage tank facilities registered with the Department and tracked for active storage tanks, storage tank history, or petroleum cleanup activity. Information includes facility identification number, site location information, and basic storage tank information such as size, placement, substance stored, installation date and current tank status.

TRIBAL LAND UNDERGROUND STORAGE TANKS - database of underground storage tanks that are reported to be on Native American lands. These sites are reported to the region 4 office of the EPA by the local tribal governments. The sites can be identified be their ID: NL-FL- number.

**State/Tribal EC:** *FDEP* INSTITUTIONAL CONTROLS REGISTRY DATABASE Subset- database of sites that have institutional controls and engineering controls was developed to assist with tracking those properties upon which an institutional control has been imposed pursuant to the provisions contained in Chapters 376 or 403, F.S. For Brownfield sites the ICR has been prepared for the public and local governments to monitor the status of those controls.

**State/Tribal IC:** *FDEP* INSTITUTIONAL CONTROLS REGISTRY DATABASE - database of institutional controls was developed to assist with tracking those properties upon which an institutional control has been imposed pursuant to the provisions contained in Chapters 376 or 403, F.S. For Brownfield sites the ICR has been prepared for the public and local governments to monitor the status of those controls.

**State/Tribal VCP:** *FL DEP* VOLUNTARY CLEANUP PROGRAM— A static state wide database of sites that have or may receive a tax credit. Tax credits are issued based on a percentage of the costs of "voluntary" cleanup. In other words, the person conducting cleanup ispaying for it rather than the site being cleaned up using state fundingthrough the Drycleaning Solvent Cleanup Program. The following three types of sites may be eligible for tax credits:(1) A drycleaning solvent contaminated site eligible for state-fundedsite rehabilitation under s. 376.3078(3), F.S.;(2) A drycleaning solvent contaminated site at which cleanup isundertaken by the real property owner pursuant to s. 376.3078(10), F.S., if the real property owner is not also, and has never been, the owner or operator of the drycleaning facility where the contamination exists; or(3) A brownfield site in a designated brownfield area under s. 376.80,F.S.

**State/Tribal Brownfields:** *FDEP* BROWNFIELDS REDEVELOPMENT PROGRAM DATABASE-database of reports generated from the Brownfield Access Database which tracks the number of designated Brownfield areas, executed Brownfield site rehabilitation agreements, state and federal programs funding, and local Brownfield coordinators' contact information

**FINDS:** *EPA* FACILITY INDEX SYSTEM(FINDS)/FACILITY REGISTRY SYSTEM(FRS) - The index of identification numbers associated with a property or facility which the EPA has investigated or has been made aware of in conjunction with various regulatory programs. Each record indicates the EPA office that may have files on the site or facility. A Facility Registry System site has an FRS in the status field.

**RADON:** *NTIS* NATIONAL RADON DATABASE - EPA radon data from 1990-1991 national radon project collected for a variety of zip codes across the United States.

**Federal Other:** *EPA* SECTION SEVEN TRACKING SYSTEM (SSTS) – database of registration and production data for facilities which manufacture pesticides.

VAPOR INTRUSION DATABASE – database that records the migration of volatile chemicals from the subsurface into overlying buildings. Volatile chemicals in contaminated soil or groundwater can emit vapors that may migrate through soil and into indoor air spaces.

**State Other:** *FDEP* SINKHOLES - database of sinkholes from the Florida Geological Survey Sinkholes. DRYCLEANERS LIST - database of dry cleaning facilities registered with the Department. Information includes facility identification number, site location information, related party (owner) information, and facility type and status. Data is taken from the Storage Tank & Contamination Monitoring database, the registration repository of dry cleaner facility data.

CATTLE DIPPING VATS - database of vats that were filled with an arsenic solution for the control and eradication of the cattle fever tick. Other pesticides such as DDT where also widely used. This is a static list from 1910 through 1950s.

**State Other:** *US DOJ* NATIONAL CLANDESTINE LABORATORY REGISTER - Database of addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the U.S. Department of Justice ("the Department"), and the Department has not verified the entry and does not guarantee its accuracy. All sites that are included in this data set will have an id that starts with NCLR.

**FI Map Coverage:** *PROPRIETARY* FIRE INSURANCE MAP AVAILABILITY - Database of historical fire insurance map availability.

#### **Environmental FirstSearch Database Sources**

NPL: EPA Environmental Protection Agency

*Updated quarterly* 

NPL DELISTED: EPA Environmental Protection Agency

*Updated quarterly* 

**CERCLIS:** *EPA* Environmental Protection Agency

*Updated quarterly* 

NFRAP: EPA Environmental Protection Agency.

*Updated quarterly* 

RCRA COR ACT: EPA Environmental Protection Agency.

*Updated quarterly* 

RCRA TSD: EPA Environmental Protection Agency.

Updated quarterly

**RCRA GEN:** *EPA/MA DEP/CT DEP* Environmental Protection Agency, Massachusetts Department of Environmental Protection, Connecticut Department of Environmental Protection

*Updated quarterly* 

ERNS: EPA/NRC Environmental Protection Agency

Updated annually

Tribal Lands: BIA Bureau of Indian Affairs

Updated when available

Tribal Lands: DOI/BIA United States Department of the Interior

Updated annually

**State/Tribal Sites:** *FL DER/DEP/EPA* Florida Department of Environmental Protection, Bureau of Waste Cleanup

State Spills 90: FDEP Florida Department of Environmental Protect

*Updated quarterly* 

State/Tribal SWL: FDEP Florida Department of Environmental Protection

Updated annually

State/Tribal LUST: FDEP Florida Department of Environmental Protection

*Updated quarterly* 

State/Tribal UST/AST: FDEP/EPA Florida Department of Environmental Protection

Updated quarterly

State/Tribal EC: FDEP Florida Department of Environmental Protect

*Updated quarterly* 

State/Tribal IC: FDEP Florida Department of Environmental Protect

Updated quarterly

State/Tribal VCP: FL DEP Florida Department of Environmental Protection

Updated no longer available

**State/Tribal Brownfields:** *FDEP* The Florida Department of Environmental Protection, Division of Waste Management.

Updated quarterly

FINDS: EPA Environmental Protection Agency

Updated annually

RADON: NTIS Environmental Protection Agency, National Technical Information Services

Updated periodically

Federal Other: EPA Environmental Protection Agency

Updated quarterly

State Other: FDEP Florida Department of Environmental Protection Storage Tank & Contamination

Monitoring.

Florida Department of Environmental Protection Cattle Dipping Vats

Updated quarterly

State Other: US DOJ U.S. Department of Justice

Updated when available

FI Map Coverage: *PROPRIETARY* Library of Congress

Catalogue of Maps Published by Sanborn Mapping and Geographic Information Service in February 1988® ProQuest

Other internally produced datasets

Updated quarterly

## Environmental FirstSearch Street Name Report for Streets within .25 Mile(s) of Target Property

2021 RIVERS ROAD NAPLES FL 34120 **JOB:** 100001 **Target Property:** 

Street Name	Dist/Dir	Street Name	Dist/Dir
Cannon Blvd	0.08 NE		
Krape Rd	0.24 SW		
Rivers Rd	0.02 NE		



# NO MAPS AVAILABLE

05-04-10 100001 2021 RIVERS ROAD NAPLES FL 34120

A search of FirstSearch Technology Corporation's proprietary database of historical fire insurance map availability confirmed that there are <u>NO MAPS AVAILABLE</u> for the Subject Location as shown above.

FirstSearch Technology Corporation's proprietary database of historical fire insurance map availability represents abstracted information from the Sanborn® Map Company obtained through online access to the U.S. Library of Congress via local libraries.

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1 Mile Radius ASTM Map: NPL, RCRACOR, STATE Sites



#### 2021 RIVERS ROAD, NAPLES FL 34120



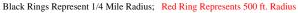
#### Source: 2005 U.S. Census TIGER Files



Railroads .....





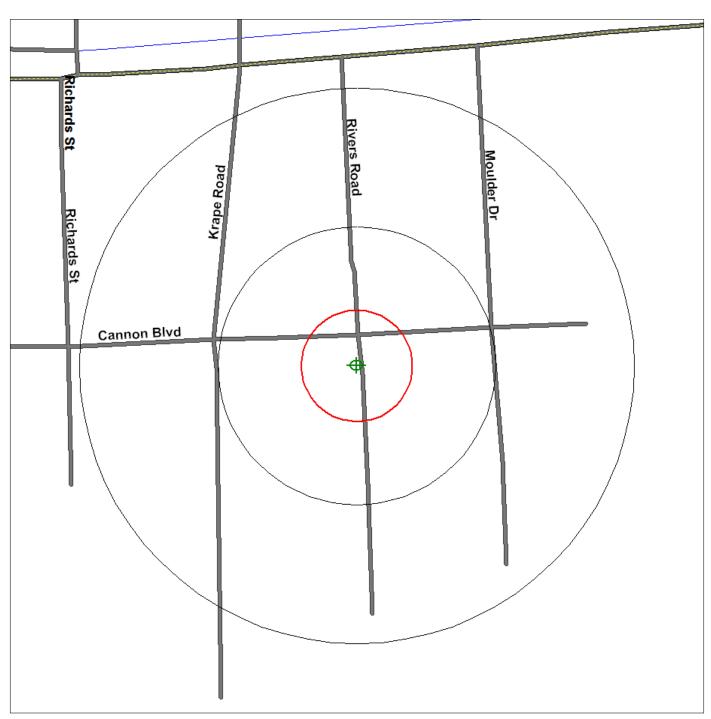




.5 Mile Radius ASTM Map: CERCLIS, RCRATSD, LUST, SWL



#### 2021 RIVERS ROAD, NAPLES FL 34120



#### Source: 2005 U.S. Census TIGER Files

Target Site (Latitude: 26.265739 Longitude: -81.648986) .....

Identified Site, Multiple Sites, Receptor

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste Triballand.....





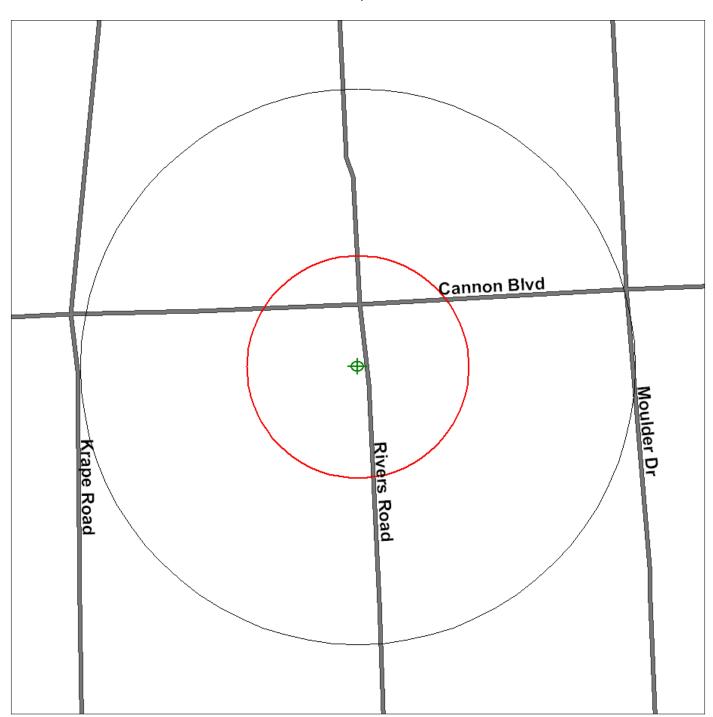




.25 Mile Radius ASTM Map: RCRAGEN, ERNS, UST, FED IC/EC, METH LABS



#### 2021 RIVERS ROAD, NAPLES FL 34120



#### Source: 2005 U.S. Census TIGER Files









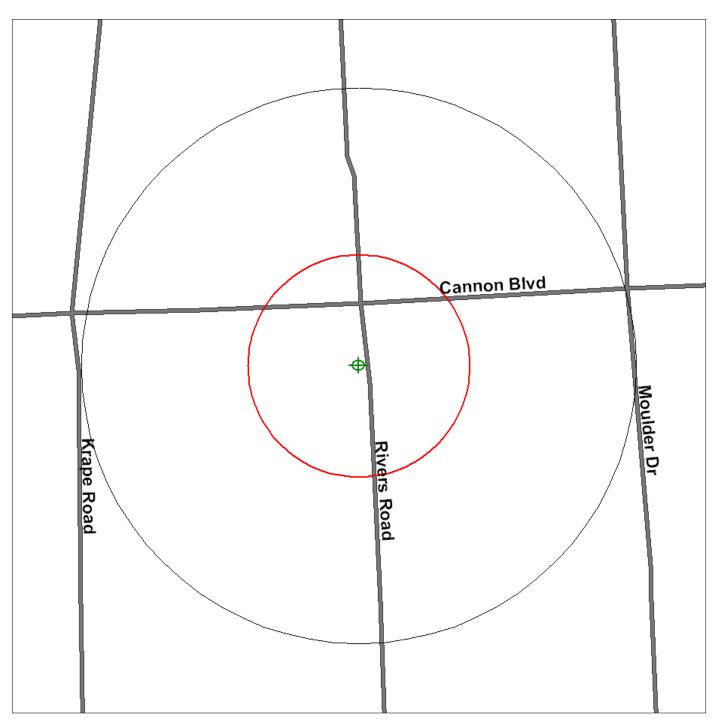




.25 Mile Radius Non-ASTM Map: No Sites Found



#### 2021 RIVERS ROAD, NAPLES FL 34120



#### Source: 2005 U.S. Census TIGER Files







Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius

### **APPENDIX B**

**Site Photographs** 



View of tires in vicinity of former wooden structure



Debris pile in vicinity of former wooden structure

2021 RIVERS ROAD, NAPLES, COLLIER COUNTY, FLORIDA 34120 Source: ECT, 2010





View of former wooden structure from north



View of apparent septic system adjacent to former wooden structure

2021 RIVERS ROAD, NAPLES, COLLIER COUNTY, FLORIDA 34120

Source: ECT, 2010





Water pipe and fitting adjacent to former wooden structure



View of abandoned camper in eastern portion of property

2021 RIVERS ROAD, NAPLES, COLLIER COUNTY, FLORIDA 34120 Source: ECT, 2010





View of partially buried drum, pipe and masonry basin (southern portion of property)



View of misc. debris including auto parts in southern portion of property

2021 RIVERS ROAD, NAPLES, COLLIER COUNTY, FLORIDA 34120 Source: ECT, 2010





View of east side of trailer (southwest portion of property)



View of interior of trailer – west side (southwest portion of property)

2021 RIVERS ROAD, NAPLES, COLLIER COUNTY, FLORIDA 34120

Source: ECT, 2010





Water heater adjacent to trailer (southwest portion of property)



Debris, including a bath tub and water heater just west of trailer (southwest portion of property)

2021 RIVERS ROAD, NAPLES, COLLIER COUNTY, FLORIDA 34120 Source: ECT, 2010





View of trailer from north (southwest portion of property)



View of corroded steel drum north of trailer (southwest portion of property)

2021 RIVERS ROAD, NAPLES, COLLIER COUNTY, FLORIDA 34120

Source: ECT, 2010





View of pole-mounted transformer along southern property boundary



View of empty plastic containers in unidentified location of property (Photo and info provided by Conservation Collier Program; taken in February 2010)

SITE PHOTOGRAPHS COSENTINO PROPERTIES - PHASE I ESA CONSERVATION COLLIER PROGRAM

2021 RIVERS ROAD, NAPLES, COLLIER COUNTY, FLORIDA 34120

Source: ECT, 2010



# **APPENDIX C**

**Qualifications of Environmental Professionals** 



### **Education**

B.S., Geology—Illinois State University, 1973

### Registrations

Professional Geologist, Florida, No. PG0000040

Professional Geologist, Illinois, No. 196-000250

Professional Geologist, Alaska, No. 371

Professional Geologist, Indiana, No. 1423

Professional Geologist, Kentucky, No. 756

Professional Geologist, Pennsylvania, No. PG-000035-G

Professional Geologist, Tennessee, No. 00003260

Professional Geologist, Virginia, No. 2801 000960

Certified Professional Geologist, American Institute of Professional Geologists, No. 4901, 1981

### **Affiliations**

American Association of Petroleum Geologists

American Institute of Professional Geologists

Lafayette (La) Geological Society (Life Member)

Everglades Geological Society (Past President)

### Areas of Specialization

Hydrogeology, Field Geology, Contamination Assessments, Initial Remedial Actions, Emergency Environmental Response, Petroleum Geology, Hazardous Materials/Waste Management, Underground Storage Tank Management, Industrial and Domestic Wastewater Permitting Assistance, Ground Water Modeling, Environmental Site Assessments, Quality Assurance

**Project Manager; Grove Caretaking Site, Jack M. Berry**—Managed major source removal project under the Florida Department of Environmental Protection (FDEP) preapproval program which encompassed excavation/disposal of  $\pm 40,000$  tons of diesel fuel contaminated soil and 2.5 acres of free product, followed by site restoration.

**Project Manager; Breitburn Florida, LLC**—Oversee all environmental, health, and safety issues for oil and gas exploration and development company with five active oil fields in South Florida, including water use permitting with South Florida Water Management District (SFWMD).

**Expert Witness; Conservation Collier Program**—Conducted general consulting and prepared presentation for Collier County Board of County Commissioners relating to \$32,000,000 purchase of large ranch for conservation.

**Project Manager; Better Roads, Inc.**—Conducted assessments of soil and ground water a numerous facilities in Lee, Charlotte, and Collier Counties, Florida. Oversaw environmental closure activities of asphalt plant located in Charlotte County, Florida. Managed numerous Phase I/Phase II ESAs.

**Project Manager; Big Island Excavating, Inc.**—Performed hydrogeologic studies for expansions/permits at numerous rock mines in Charlotte, Lee, and Hendry Counties, Florida.

**Project Geologist; Southwest Florida Dense Non-Aqueous Phase Liquid** (**DNAPL**) **Site, Selig Enterprises, Inc.**—Conducted extensive assessment of site containing DNAPL using both direct push and conventional drilling at a former dry-cleaning site in Fort Myers, Florida.

**Project Manager; Garden Street Iron & Metal, Inc.**—Managed remediation of metal recycling yard contaminated with polychlorinated biphenyls (PCBs), mandated by EPA District 4. The risk-based corrective action was completed by encapsulation of contaminated area with reinforced concrete. The recycling yard in Fort Myers, Florida, remains active under a long-term monitoring plan.

**Project Manager; Jack M. Berry, Inc.**—Managed numerous projects in La-Belle, Charlotte, Hendry, and Indian River Counties. Projects included industrial wastewater permitting assistance, public drinking water system sampling and permitting, development of ground water monitoring plans, contamination assessments of solid waste landfills, conceptual design of Florida's first wetland treatment system for industrial wastewater, hydrogeologic studies, emergency response for fuel spill, petroleum facility closure assessments, assistance with hazardous materials issues, and general geological/environmental consulting.

**Project Manager; National Linen Service**—Managed assessment, remediation, and monitoring of site contaminated with dry-cleaning solvents and chemicals; directed emergency response activities for fuel spill; and assessed underground storage tank contamination. Facilities were located in Lee, Palm Beach, Broward, Miami-Dade, and Highlands Counties, Florida.

**Project Geologist; Mayport Naval Station**—Bioremediation of former pesticide mixing area in Jacksonville, Florida, contaminated with DDT, DDE, PCBs, lindane, and other pesticides.

**Project Manager; Powers Radiator, Inc.**—Managed assessment and remediation of lead contaminated soil and ground water, and directed RCRA closure of drum storage area in Lee County, Florida.

**Project Manager; Barron Collier Companies**—Assessment and remediation of former fence-post treatment site in Collier County, Florida, contaminated with arsenic, chromium, and copper; assessment and remediation of arsenic-contaminated soil and ground water at golf course maintenance facility in Collier County, Florida; numerous transactional environmental audits and assessments. Conducted deep lithologic test for data submittal to SFWMD and installation of livestock well.

**Project Manager; Edward C. Levy Company**—Conducted assessments of numerous concrete plants in Collier, Charlotte, and Lee Counties, Florida, including ground-penetrating radar surveys.

**Project Manager; Multiple Clients**—Conducted numerous Phase I and II environmental site assessments and transactional audits throughout South Florida, including a listed CERCLA/RCRA site.

**Project Manager; Confidential Client**—Assessed an illegal solid waste land-fill on newly acquired property in Fort Myers, Lee County, Florida.

**Project Manager; Coral Rock, Inc.**—Managed several contamination assessments and initial remedial actions for aboveground petroleum storage facilities at a mining facility in Charlotte County, Florida.

**Project Manager; Fort Myers News-Press**—Provided environmental consulting services in hazardous waste management. Conducted emissions inventory for Title V permitting.

**Project Manager; Multiple Clients**—Continue to manage numerous contamination assessments, underground petroleum storage tank closures, and initial remedial actions at service stations, automobile dealerships, marinas, and other commercial locations, as well as at private residences throughout South Florida.

**Expert Witness; Lee County, FL**—Offered expert geologic testimony for Lee County government before hearing examiner concerning proposed deepening of rock quarry near Fort Myers, Florida.

**Field Geologist; Multiple Clients**—Determined lithologic characteristics and aquifer properties during coring and drilling of numerous exploratory and monitoring wells in Lee, Hendry, Charlotte, Collier, Manatee, Hardee, DeSoto, and Sarasota Counties, Florida.

**State Regulator; FDEP**—Evaluated ground water monitoring plans and data for domestic and industrial wastewater facilities, served on Technical Advisory Committee and oversaw drilling activities for underground injection control projects, evaluated ground water modeling submittals and conducted

# L. DUANE DUNGAN, P.G., C.P.G. Page 3

ground water modeling, using PLASM, MODFLOW, DERMAP, and GWIS through FDEP's South District office.

**State Regulator; FDEP**—Managed assessment and monitoring of chromium-contaminated ground water at old leather tanning facility on former military base in Highlands County, Florida. Also discovered and evaluated an underground World War II waste locomotive oil tank.

**State Regulator; FDEP**—Acted as Authorized Representative of Administrator of EPA for purpose of investigating compliance with mobile source provisions of the Clean Air Act throughout the State of Florida.

**State Regulator; FDEP**—Discovered and evaluated a toxaphene drum disposal site at a golf course in Lee County, Florida.

Exploration Geologist; Texaco, Inc.; Union Texas Petroleum; Lyons Petroleum, Inc.; Trevus Exploration, Inc.; DRX, Inc.; L. Duane Dungan, Inc.—Responsible for generating drillable prospects for wildcat exploration wells and for development wells in existing oil and gas fields throughout South Louisiana onshore area from 1973 through 1986. Maintained working interests and royalty interests in many prospects generated.



**Project Engineer; Ford Street Canal Filter Marsh, City of Fort Myers, Florida** – Design plans preparation, calculations and flow routing modeling for preparation of permitting package for a proposed 7-acre planted aquatic filter marsh within the City of Fort Myers.

**Project Engineer; Barron-Collier Company.**—Conducted a Phase I environmental site assessment (ESA) for an 11.5 acre parcel in Collier County. Audit and report performed in accordance with the requirements of ASTM Practice E 1527-05, Phase I ESAs and the Division of State Lands (DSL) Instructions for Environmental Assessments of the FDEP, DSL, and Bureau of Land Acquisition.

Project Engineer; Stormwater Master Plan, City of Fort Myers, Florida – Perform field inspections of the City's existing stormwater management system as part of its NPDES requirements. Collect data and review historical stormwater management reports in the City. Perform design analysis, stormwater quality analysis and modeling utilizing EPA SWMM software. CADD support to provide the City with status of the existing stormwater management system as well as provide recommendations for mitigation for both water quality and water quantity issues.

**Project Engineer; Winkler Canal Filter Marsh, City of Fort Myers, Florida** –Design plans preparation, calculations and permitting for a proposed 4-acre planted aquatic filter marsh within the City of Fort Myers. Project has been permitted by the South Florida Water Management District.

Assistant Project Engineer; Billy Creek Filter Marsh Park, City of Fort Myers, Florida – Assist in design plan preparation, calculations and permitting for a 50+-acre planted aquatic filter marsh / stormwater treatment park within the City of Fort Myers.

Assistant Project Engineer; North Estero Drainage Improvements, Town of Fort Myers Beach, Florida – Assist in design and construction plan preparation, stormwater calculations, modeling and permitting through the SFWMD for the project for surface water management / drainage improvements to approximately 4,600-LF of road ROW in the Town of Fort Myers Beach. Water quality improvements involved the design of below-grade exfiltration systems at multiple locations along the road ROW.

Assistant Project Engineer; Lehigh Express Service Station, Lehigh Acres, Florida – Assist in design plan preparation, calculations, and permitting through various regulatory agencies for the purpose of obtaining a Lee County Development Order for the project, which is a proposed 4,500-SF gasoline/diesel service station in Lehigh Acres, Florida.

**Project Engineer; Palmetto Church of God, Fort Myers, Florida** – Assist in design plan preparation, calculations, and permitting through regulatory agencies for the project for the purpose of obtaining site-work and building permits for the project. The project included an addition to the existing church and a new 2,000-SF Fellowship Hall structure, as well as site improvements as required by the City of Fort Myers.

**Project Engineer/Manager; Water Use Permit Renewal - Berry Citrus, Inc., LaBelle, Florida** – Plan preparation, site investigations, calculations, and preparation of application package for a water use permit renewal for the facility via the South Florida Water Management District.

# Education

B.S., Civil Engineering Technology – Rochester Institute of Technology, Rochester, N.Y., 2001

### **Affiliations**

American Society of Civil Engineers, Member Florida Engineering Society, Member

### Registrations

HAZWOPER 40-hour EPA Certification

### Areas of Specialization

Land Development, Environmental Remediation Systems, Environmental Site Assessments, Surface and Ground Water Management Systems Design and Permitting, Stormwater Quantity and Quality Treatment Systems Design, Modeling and Permitting.

**Project Engineer/Manager; Water Use Permit Renewal – Punta Rassa Condominium Association, Lee County, Florida** – Plan preparation, site investigations, calculations, and preparation of application package for a water use permit renewal for a 5+/- acre condo-association via the South Florida Water Management District.

**Project Engineer; Stormwater Pollution Prevention Plan (SWPPP) Jack M. Berry, Inc.**—Performed onsite inspections and inventory of existing materials at the bulk citrus storage facility in LaBelle, Florida, for the purpose of updating and revising existing SWPPP for submittal to the Florida Department of Environmental Protection. Revised language of SWPPP, prepared revised site plans, and performed onsite training of employees for procedures outlined in the SWPPP.

**Project Engineer; Sunny Grove Nursery, Lee County, Florida** – Plan preparation, calculations, and water quantity modeling for an 80-acre landscape nursery for the purpose of revising an existing ERP with SFWMD.

**Project Engineer; Seminis Vegetable Seeds, Inc., Hendry County, Florida** – Plan preparation, design, calculations, and water quantity modeling for ERP and Site Development permitting for a 20-acre agricultural research facility in Hendry County, Florida.

**Project Engineer; Bunche Beach Park Improvements, Lee County, Florida** – Assist with plan preparation, design, calculations, and water quantity modeling for ERP permitting for a 5(+/-) acre parking / recreation facility in Lee County, Florida.

**Project Engineer; Turnbull Investments, St. John's County, Florida** – Assist in preparation of environmental resource permit application for a 450+ acre property in St. John's County, Florida. Permit required as part of enforcement resolution with the St. John's River Water Management District.

Engineer; Development Review, City of Fort Myers, Florida - Perform review of proposed large residential and commercial projects in the City. Review water, sewer, drainage and traffic systems for concurrence with the City's existing and proposed utility and traffic systems, as well as to ensure compliance with the City's Growth Management Code and the applicable requirements of all other local, state and national regulatory agencies. Attend predevelopment meetings with design engineers, owners and developers to provide input on the City's existing and proposed infrastructure systems. Perform field visits to inspect on-going projects as well as proposed developments within the City.

**Site Engineer; Brownfields Remediation project in the Town of Brighton, N.Y. -** Perform project oversight & site characterization activities; the contamination included ACBM and petroleum constituents in soil and groundwater. Remedial activities included ACBM abatement, building demolition, excavation, segregation and disposal of contaminated materials, monitoring well ab-

andonment and installation, and implementation of a groundwater monitoring program.

Site and Design Engineer; Environmental remediation of the Brooks Landing property in the City of Rochester, N.Y. - Perform oversight including contractor coordination and reporting to the City and NYSDEC. Performed site characterization activities; the contamination included petroleum contamination

nated soil and groundwater and approximately 1,000 CY of trichloroethene (TCE) impacted granular fill material and TCE impacted groundwater. Remedial activities performed under a design build contract included excavation, segregation and disposal of contaminated materials, monitoring well abandonment and installation, and installation of HRC® into open trenches to treat the TCE impacted groundwater. Implemented a groundwater monitoring program to monitor the TCE contaminated groundwater plume and a ground-water extraction program to extract free product from the petroleum contaminated groundwater plume. Perform a NYSDEC Petroleum Spill Site Inactivation (PSSI) Evaluation on residual petroleum impacted groundwater.

Environmental Engineer; Environmental remediation of the Corn Hill Landing Property, City of Rochester, NY. — Perform environmental oversight for the removal of petroleum-contaminated soils from the property. Coordinate the removal of contaminated soils and contaminated groundwater from the site and collected confirmatory soil samples from within the excavation. The project was performed for the purpose of remediating the site such that it will be suitable for future commercial development.

Environmental Engineer; Environmental oversight of a building ventilation system at Tim Hortons Restaurant in Gates, N.Y. — Perform oversight as contaminated soil was excavated for the purpose of installing building footers and underground utilities. Responsible for determining the status of soils removed from the subsurface as well as performing oversight of the ventilation system installation. Perform operation, monitoring and maintenance (OM&M) activities for the active foundation ventilation system and prepared weekly environmental summary reports.

Environmental Engineer; Environmental remediation at Heberle Disposal Services, Rochester, N.Y. — Perform oversight during the excavation of petroleum-contaminated soils from the site. Responsible for collecting confirmatory soil samples. Perform oversight of the installation of three bedrockmonitoring wells. Prepare a closure report to NYSDEC for the property based on the remedial work performed.

Environmental Engineer; Brownfields Environmental Remediation of the Former APCO Property, City of Rochester, N.Y. —Assist in the design and bid phase of the August, 2001 Remediation Plan. Responsible for performing design calculations and preparing reports for the City of Rochester as well as the New York State Department of Environmental Conservation (NYSDEC). Assist in project oversight during several phases of construction, ranging from contaminated soil excavations to the construction of an on-site bio-remediation cell. Responsible for performing surficial and subsurface soil sampling in suspected areas of contamination. Also, assist in routine groundwater sampling. The project included the remediation of 6-acres of contaminated surface and subsurface soil, as well as contaminated groundwater plumes. Total project cost was 4.05 million.

Environmental Engineer; Soil Vapor Recovery System, Town of Greece, N.Y. — Responsible for design issues, performing weekly O&M visits to the site and for preparing reports for the client and for the NYSDEC. Assist in the design of the system, which involved vapor recovery wells on-site as well as a blower system for the purpose of remediating volatile organic compounds. The vapor recovery system was precluded by a product recovery system.

**Environmental Engineer; Emerson Power Transmission**—Responsible for weekly visits to the facility for the purpose of monitoring a two-phase system

# DANIEL V. SCIPPO Page 4

which removes and treats contaminated ground water and vapors from onsite wells in Ithaca, New York. Assisted in the process of purging other wells onsite and in taking monthly water and vapor samples from the system.

**Environmental Engineer; City of Rochester**—Performed bi-weekly operation and monitoring of a product recovery system in Rochester, New York. The O&M involved a compressor/pneumatic pump system, and monitoring product and water levels in the monitoring and recovery wells.

**Environmental Engineer; Schultz Landfill**—Assisted in project oversight for a week-long program that involved the evaluation of the leachate recovery system in Cheektowaga, New York. The program included oversight of a confined spaced entry team while an evaluation of the systems components was performed. Also assisted in quarterly purging and sampling of all monitoring and leachate recovery wells onsite.

Assistant Design Engineer; Northwest Quadrant Wastewater Treatment Plant – Solids Handling Improvements Project, Monroe County, N.Y. — assist in the design, bid and construction phase of the project. Investigated and implemented clean and economical forms of heating, cooling and controlling odors at the facility. Conduct field visits, collect design data and corresponded with clients and subcontractors during each phase of the project. The project involved the installation of new centrifugal pumps that were used to de-water solid waste; installation and alterations to piping throughout the plant; design of a plate and frame heat exchange system; and the design of a custom biofilter system for the purpose of treating odors at the facility.

Assistant Design Engineer; Inflow and Infiltration Study, Town of Geneva—Responsible for assisting in field visits which involved the inspection of suspected faulty sewers and catch basin systems throughout Geneva, New York. Also assisted in smoke-testing operations and inspected illegal connections to the sanitary sewer system from homes and business throughout the area. Responsible for updating GIS maps of the area and assisting in the preparation of reports for the town.

# **APPENDIX D**

**Interview Documentation** 

# **INTERVIEW DOCUMENTATION**

Ms. Alexandra Sulecki

Coordinator, Conservation Collier Program

Mr. Cosentino

Subject Property Owner

Consentino Property Phase I ESA.doc Page D-1

# 4.0 USER-PROVIDED INFORMATION

4.1

4.2

4.3

This section identifies information provided by <u>Conservation Collier</u> to Alexandra Sulecki
Title Records
No title records were provided to ECT by the Client.
Environmental Liens or Activity and Use Limitations
Conservation Collies was asked the following questions as part of the assessment:
• Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law? The aware of any - reason for any any - reason fo
land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?  Not aware of any - Reason for conducting Phase I ESA
HAVE HERE.
Conservation Collies is seeking to acquire these parcels and is doing due dilegence by neguesting Phase I Environmental Site Assessment. Conservation-Collies is mot the owner of these parcels at present and has not knowledge of thier history.
Collies is not the owner of these parcels at present has no knowledge of thier history.
Specialized Knowledge
Conservation Colline was asked the following questions as part of the assessment:
<ul> <li>Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?</li> <li>Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user,</li> </ul>
Do you know the past uses of the property?
no.

- Do you know of specific chemicals that are present or once were present at the property?
- Do you know of spills or other chemical releases that have taken place at the property?
- Do you know of any environmental cleanups that have taken place at the property?
- Do you know of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property?
- Do you know of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property? no
- Do you know of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?

Yes or No to each question, and PROVIDE ANY ADDITIONAL COMMENTS THAT YOU MAY HAVE HERE. Conservation Collies is not the owner of these parcels.

Commonly Known or Reasonably Ascertainable Information 4.4

userwater Collee was asked the following question as part of the

Based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property?

Yes or No, and PROVIDE ANY ADDITIONAL COMMENTS THAT YOU MAY HAVE

A rusted-out metal 50 gal drum was found on site. Additionally there is significant Solid waste onsite including discovered impermitted old septic systems - 2. may be 3.

**Valuation Reduction for Environmental Issues** 4.5

> osservation Collier was asked whether the purchase price for this property reasonably reflects the fair market value of the property.

Yes	The appraised value that was the basis for Conservation Collier's offer did not consider valuation reduction for environmental issues.		
Interviews with Site Contacts			
_	To to completion of the phase Lenvironmental site assessment, ECT interviewed was asked if he knew whether any of the documents low exist and, if so, whether copies would be provided:		
•	Environmental site assessment reports  Environmental audit reports  Environmental permits (for example, solid waste disposal permits, hazardous waste		
	disposal permits, wastewater permits, National Pollutant Discharge Elimination System permits, underground injection permits)  Registrations for USTs and ASTs  Registrations for underground injection systems		
•	Material safety data sheets  Community right-to-know plan  Safety plans; preparedness and prevention plans; spill prevention, countermeasure, and control plans; etc.		
•	Reports regarding hydrogeologic conditions on the property or surrounding area with the and hydrogeologic conditions on the property or surrounding area with the same had been and formed from any government agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property		
•	Hazardous waste generator notices or reports mo		
•	Risk assessments no		
•	Recorded Activity Use Limitations		
Ye	Conservation Collies is not the owner of These parcels, but is seeking this type of information as part of its dul diligence in acquiring the parcels.		

7.1

<u>Conservation Collee</u> was asked to answer the following questions as part of the assessment:

- Do you know of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property?
- Do you know of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property?
- Do you know of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?

Yes or No to each, and ANY ADDITIONAL COMMENTS YOU MAY HAVE HERE.

No additional comments.

### **USER-PROVIDED INFORMATION** 4.0

This section identifies information provided by Paul A. Coxentrio, Truster to ECT.

### **Title Records** 4.1

No title records were provided to ECT by the Client.

### **Environmental Liens or Activity and Use Limitations** 4.2

A. Cosentino, Telestuwas asked the following questions as part of the

- Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?
- Are you aware of any activity or land use limitations, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

Yes or No to each, and PROVIDE ANY ADDITIONAL COMMENTS THAT YOU MAY HAVE HERE.

Specialized Knowledge 4.3

Cosentino TRuster was asked the following questions as part of the

- Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business? No
- Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user,
- Do you know the past uses of the property?

- Do you know of specific chemicals that are present or once were present at the property?
- Do you know of spills or other chemical releases that have taken place at the property? No
- Do you know of any environmental cleanups that have taken place at the property?
- Do you know of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property?
- Do you know of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property?
- Do you know of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?

Yes or No to each question, and PROVIDE ANY ADDITIONAL COMMENTS THAT YOU MAY HAVE HERE.

# 4.4 Commonly Known or Reasonably Ascertainable Information

Aul A. Cosentmo Trysteewas asked the following question as part of the assessment:

• Based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property?

Yes or No, and PROVIDE ANY ADDITIONAL COMMENTS THAT YOU MAY HAVE HERE.

# 4.5 Valuation Reduction for Environmental Issues

for this property reasonably reflects the fair market value of the property.

Yes or No, and ANY ADDITIONAL COMMENTS HERE.

I believe The value of the property is Franchisher Thor The Selling price.

RECEIVED

# 7.1 Interviews with Site Contacts

JUN 0 1 2010

Prior to completion of the phase I environmental site assessment, ECT interviewed PAUL A. COSENTING TRUST detuzing

below exist and, if so, whether copies would be provided:

- Environmental site assessment reports
- · Environmental audit reports
- Environmental permits (for example, solid waste disposal permits, hazardous waste disposal permits, wastewater permits, National Pollutant Discharge Elimination System permits, underground injection permits)
- Registrations for USTs and ASTs
- Registrations for underground injection systems
- Material safety data sheets
- · Community right-to-know plan
- Safety plans; preparedness and prevention plans; spill prevention, countermeasure, and control plans; etc.
- Reports regarding hydrogeologic conditions on the property or surrounding area
- Notices or other correspondence from any government agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property
- Hazardous waste generator notices or reports
- Risk assessments
- Recorded Activity Use Limitations

Yes or No to each, and ANY ADDITIONAL COMMENTS YOU MAY HAVE HERE.

Of the assessment:

Tous evaluation of the assessment:

- Do you know of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property?
- Do you know of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property?
- Do you know of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?

Yes or No to each, and ANY ADDITIONAL COMMENTS YOU MAY HAVE HERE.



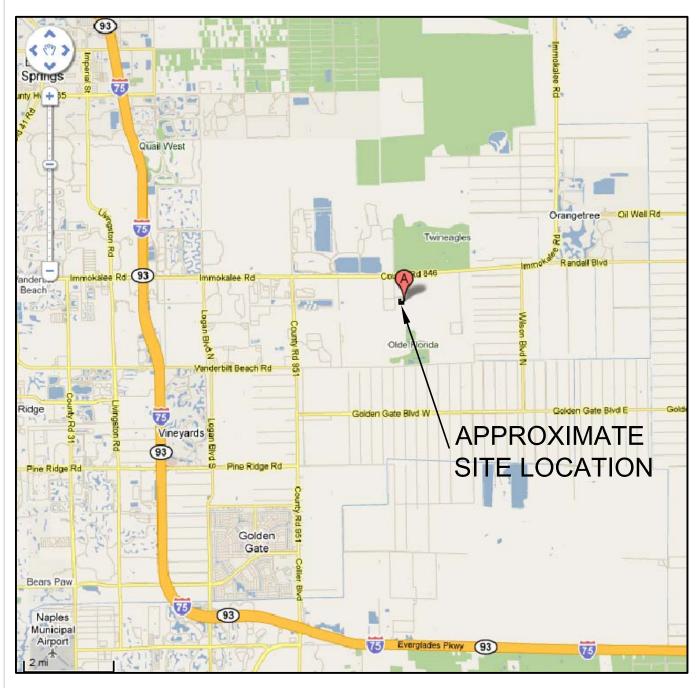


FIGURE 1. SITE LOCATION MAP

COSENTINO PROPERTIES - PHASE I ESA

CONSERVATION COLLIER PROGRAM

2021 RIVERS ROAD, NAPLES, COLLIER COUNTY, FLORIDA 34120



Source: Google Maps, 2010



## LEGEND:

- 1 ABANDONED CAMPER
- 2 ABANDONED / DEMOLISHED WOODEN STRUCTURE
- 3 MISC. HOUSEHOLD DEBRIS PILE
- 4 MISC. DEBRIS SUCH AS; TIRES, CORRODED AUTO PARTS, PLASTICS, ETC.
- 5 BURIED DRUM AND PIPE TO POSSIBLE GRAY WATER SEPTIC SYSTEM
- 6 ABANDONED MOBILE HOME TRAILER
- 7 CORRODED STEEL DRUM
- 8 CLEARING; ONE TIRE OBSERVED

FIGURE 2. SITE MAP (2008 Aerial Photograph)
COSENTINO PROPERTIES - PHASE I ESA
CONSERVATION COLLIER PROGRAM
2021 RIVERS ROAD, NAPLES, COLLIER COUNTY, FLORIDA 34120



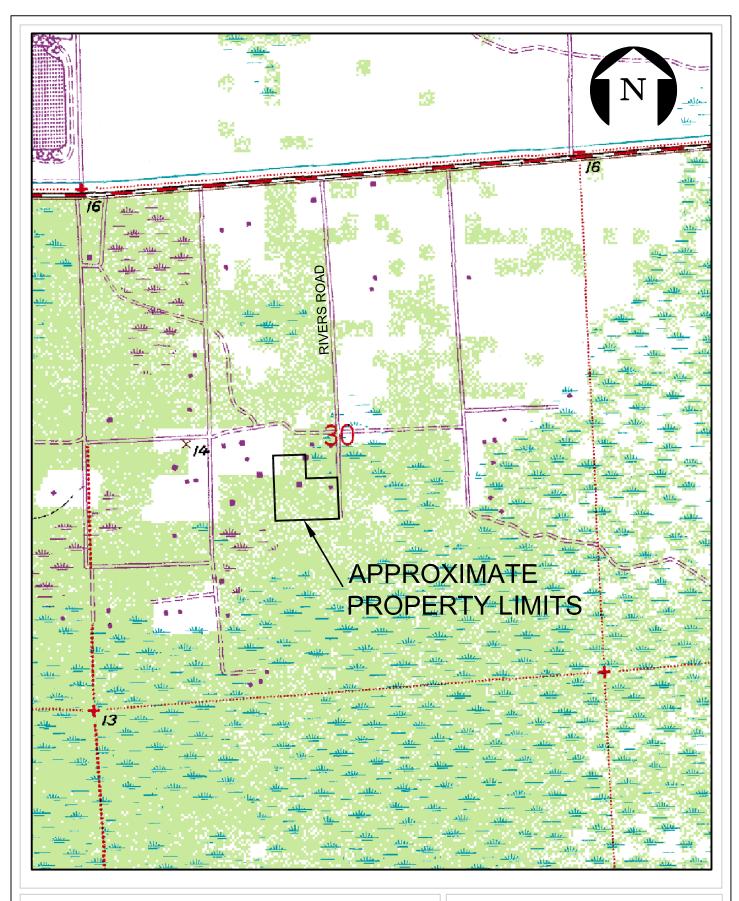


FIGURE 3. TOPOGRAPHIC MAP

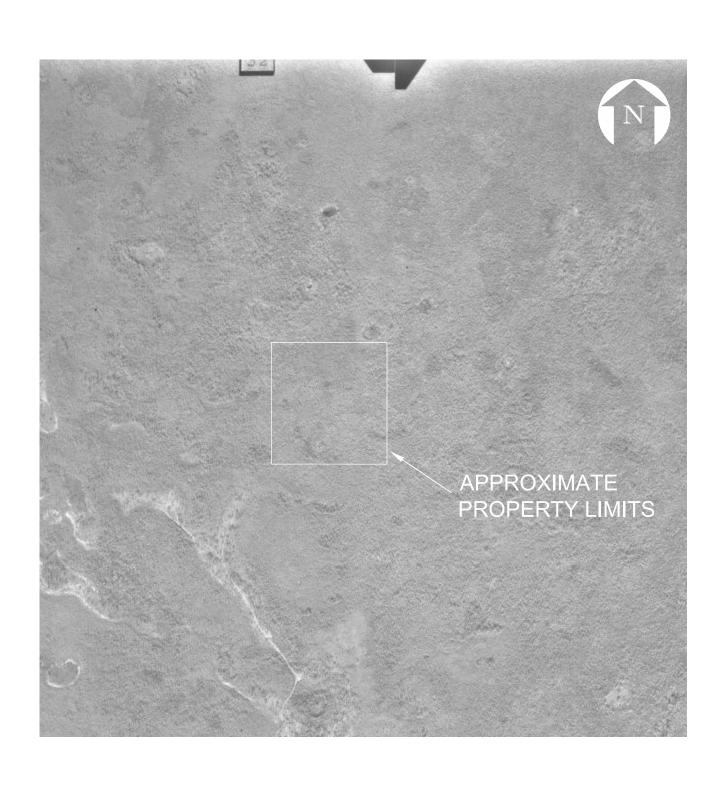
COSENTINO PROPERTIES - PHASE I ESA

CONSERVATION COLLIER PROGRAM

2021 RIVERS ROAD, NAPLES, COLLIER COUNTY, FLORIDA 34120



Source: USGS, 2004

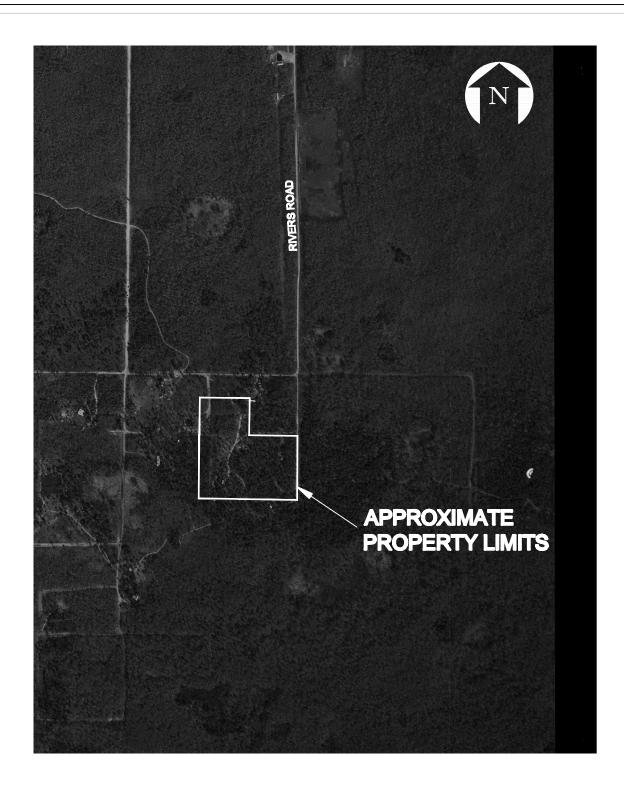


# FIGURE 4. 1963 AERIAL PHOTOGRAPH

COSENTINO PROPERTIES - PHASE I ESA CONSERVATION COLLIER PROGRAM 2021 RIVERS ROAD, NAPLES, COLLIER COUNTY, FLORIDA 34120

Source: University of Florida, 1963





# FIGURE 5. 1973 AERIAL PHOTOGRAPH

COSENTINO PROPERTIES - PHASE I ESA **CONSERVATION COLLIER PROGRAM** 2021 RIVERS ROAD, NAPLES, COLLIER COUNTY, FLORIDA 34120





FIGURE 6. 1985 AERIAL PHOTOGRAPH

COSENTINO PROPERTIES - PHASE I ESA CONSERVATION COLLIER PROGRAM 2021 RIVERS ROAD, NAPLES, COLLIER COUNTY, FLORIDA 34120

Environmental Consulting & Technology, Inc.

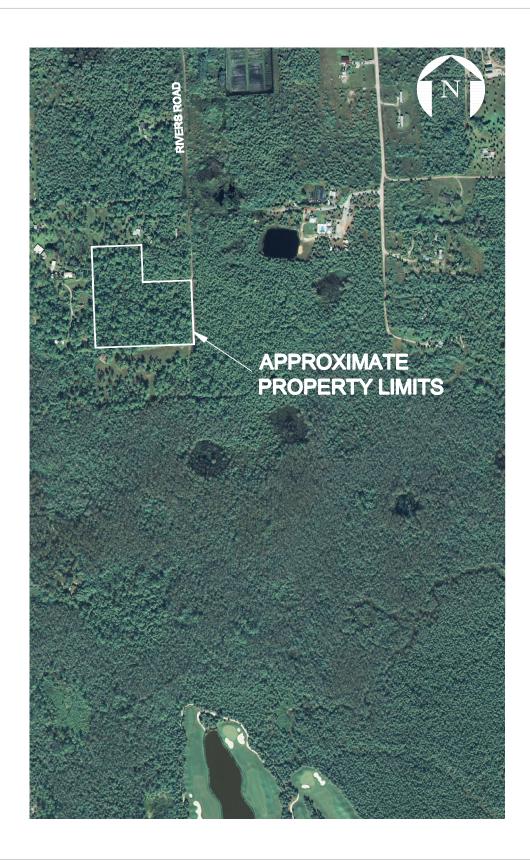


# FIGURE 7. 1994 AERIAL PHOTOGRAPH

COSENTINO PROPERTIES - PHASE I ESA CONSERVATION COLLIER PROGRAM 2021 RIVERS ROAD, NAPLES, COLLIER COUNTY, FLORIDA 34120

Samuel FROT, 4804





# FIGURE 8. 2008 AERIAL PHOTOGRAPH

COSENTINO PROPERTIES - PHASE I ESA CONSERVATION COLLIER PROGRAM 2021 RIVERS ROAD, NAPLES, COLLIER COUNTY, FLORIDA 34120

Sauce FDCT, 200



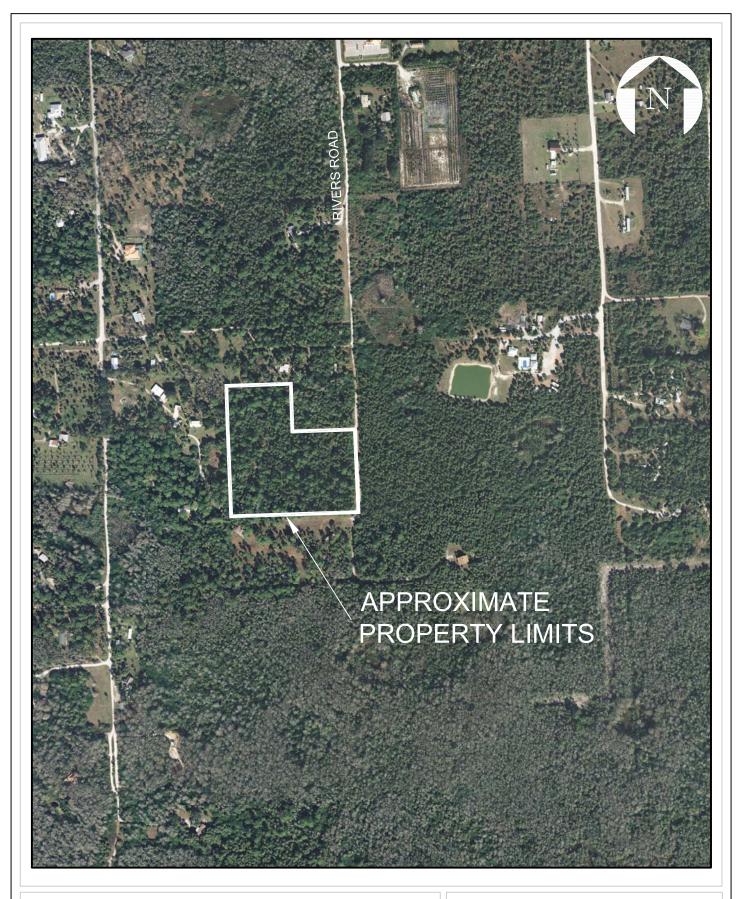


FIGURE 9. 2008 AERIAL PHOTOGRAPH
COSENTINO PROPERTIES - PHASE I ESA
CONSERVATION COLLIER PROGRAM
2021 RIVERS ROAD, NAPLES, COLLIER COUNTY, FLORIDA 34120



# LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT 2021 RIVERS ROAD "COSENTINO PROPERTIES" NAPLES, COLLIER COUNTY, FLORIDA

**PREPARED FOR:** 



Conservation Collier Land Acquisition Program 3301 East Tamiami Trail, Building W Naples, Florida 34112

PREPARED BY:



4100 Center Pointe Drive Suite 112 Fort Myers, Florida 33916 (239) 277-0003 Fax: (239) 277-1211

10-0443/0200

June 3, 2010



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Appendix B - Soil Boring Logs

**Appendix C – Phase II Photographs** 



Dal V Legger 6/3/2010



# 1. OBJECTIVES

# 1.1 PURPOSE AND SCOPE OF THIS LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT

The objective of this Limited Phase II Environmental Site Assessment (LP2 ESA) was to determine the existence of contamination in soil and/or groundwater in an area of concern identified by our Phase I ESA Report for the "Cosentino Properties" at 2021 Rivers Road in Naples, Collier County, Florida 34120 (Subject Property), on behalf of the Collier County Conservation Program, dated June 2010. More specifically, a corroded steel drum was identified in the Phase I ESA as a Suspect Recognized Environmental Condition (REC). The drum was labeled a Suspect REC due to its general condition, unidentifiable liquid contents, and the dead, or partially dead vegetation adjacent to the drum, all indicating a possible release of a petroleum product from the drum to the ground in the immediate area of the drum. Given that the drum was steel and 50-gallons in size, it was determined that if it had contained a hazardous, or petroleum substance, that it most likely would have been a petroleum-based substance as opposed to a pesticide, or another type of potentially hazardous chemical.

Given the findings of the Phase I ESA, ECT recommended an LP2 ESA to investigate the soil and groundwater in the immediate vicinity of the drum. The purpose of the analysis proposed was to determine the existence, or lack thereof, of petroleum constituents in the soil and groundwater near the drum. The proposed analyses were as follows: Volatile Organic Compounds (BTEX/MTBE) by EPA Method 8260, Polynuclear Aromatic Hydrocarbons (PAHs) by EPA Method 8270, and Petroleum Range Organics by Method FL-PRO.

Limited Phase II Environmental Site Assessment Report Conservation Collier Program Cosentino Properties 2021Rivers Road Naples, Collier County, Florida 34120



The scope proposed for investigation included the installation of three (3) soil borings adjacent to the drum to observe the first six-inches of soil from grade. Each soil boring, which was to be completed with the use of a hand auger, was to be screened for organic vapors with an OVA meter. Each boring was to be analyzed visually, checked for odors and screened with the OVA meter. One (1) soil sample was to be collected with soils from the boring indicating the highest OVA reading, if any. Otherwise the soil sample was to be collected from the boring that would most likely be contaminated based on visual observations.

Following the installation of the soil borings and the collection of one soil sample, one temporary well was to be installed into the water table for the purpose of collecting a groundwater sample for analysis. The temporary well was to be installed with two-inch screen, constructed with a sand pack, developed, purged and sampled. The well was to be removed upon collection of the groundwater sample. A hand auger was proposed for installation of the temporary well.

**Figure 1** is a general site location map of the Subject Property in Collier County, Florida. **Figure 2** is a site map with an aerial image showing the approximate limits of the Subject Property as well as the approximate location at which the Limited Phase II ESA (LP2 ESA) was performed. The aerial image was taken circa 2008 and was obtained via the Collier County Property Appraiser's office.

<u>Soil Investigation (May 21, 2010)</u> – Environmental Consulting & Technology, Inc. (ECT) mobilized to the site on May 21, 2010 to perform the Phase II Investigation. Three (3) soil borings were installed by use of a hand auger on three (3) sides of the drum. The borings were advanced to 6-inches below land surface (bls) and the characteristics of the soil from each boring were recorded on the attached **Soil Boring** Logs (Appendix B). The borings were each installed approximately 2 to 4-feet away

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from the drum on the west (SB-West), south (SB-South), and north (SB-North) sides of the drum. An OVA meter was utilized to screen each boring sample for organic vapors. The result of the OVA screening has been included on the attached **Soil Boring Logs**.

Based on visual observations and the OVA screening it, was determined that SB-West, collected approximately 2 to 4-feet away from the drum, would be collected for analysis. It should be noted that on the attached **Laboratory Analysis Report (Appendix A)**, SB-West is referred to as SB-1.

Following collection of the soil sample from SB-West, ECT attempted to utilize a hand augur to install a temporary well in the vicinity of the drum. Several attempts to complete a boring deep enough for installation of a temporary well into the groundwater table were made, however the auger borings consistently met with refusal at a depth of 2 to 4-feet bls. A total of approximately fifteen boring attempts were made on all sides of the drum in each direction. The attempts were made from as close to the drum as 1-foot, to as far away as 25-feet. Following repeated refusal, it was determined that a layer of cap-rock exists in this particular area, and that installation of temporary well by way of a hand auger was not possible.

For the purpose of obtaining a soil sample from an alternate depth, ECT collected one additional boring sample from the soil layer just above the cap rock. This sample, identified as SB-2, was collected at an approximate depth of 1 to 1.5-feet bls, approximately 2 to 4-feet north of the drum. The sample was not screened with the OVA meter and the boring was not recorded on a boring log, but was collected in jars for keeping and for potential analysis. Following discussions with Ms. Alexandra Sulecki of the Conservation Collier Program immediately following completion of the Phase II field work, it was determined that the additional soil sample, SB-2, would be submitted for analysis in lieu of successful collection of a groundwater sample.

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Each soil sample was analyzed for, and by the following methods: Volatile Organic Compounds (BTEX/MTBE) by EPA Method 8260, Polynuclear Aromatic Hydrocarbons (PAHs) by EPA Method 8270, and Petroleum Range Organics by Method FL-PRO.

Soil samples were collected in accordance with FDEP quality assurance protocols, and were placed into pre-cleaned laboratory-supplied containers, packed with wet ice and shipped overnight via FedEx for laboratory analysis by SunLabs, Inc. in Tampa, Florida. The soil laboratory analysis report is also attached in **Appendix A.** 

<u>Groundwater Investigation (May 21, 2010)</u> – As discussed previously, several attempts at installing a temporary well into the water table aquifer were met with refusal at a depth of 2 to 4-feet bls. A temporary groundwater well was not installed.

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# 2. SITE ASSESSMENT FINDINGS

## 2.1 SOIL INVESTIGATION

The Limited Phase II ESA included the collection of a total of two (2) soil grab samples for laboratory analysis. These samples were collected by way of a hand auger. SB-West (SB-1) was collected from the top 6-inches from soil approximately 2 to 4-feet west of the drum. SB-2 was collected from soil at a depth of 1 to 1.5-feet bls, approximately 2 to 4-feet north of the drum.

Soil characteristics from each soil boring have been recorded on the attached **Soil Boring Logs, Appendix B.** OVA readings for each boring, with the exception of SB-2, are provided on the boring logs.

In general, the soil collected from SB-West, SB-North and SB-South, all at a depth of 0 to 6-inches bls, was characterized as fine to medium sand and silt, including organics, with an organic odor. The color was characterized as dark gray and black, and the soil was labeled as moist. Petroleum odors were not noted.

Soil collected for SB-2 from a depth of 1 to 1.5-feet bls was characterized as fine to medium sand with some silt and little organic material. The color was brown to reddish-brown and the moisture content was described as moist-to-wet. Petroleum odors were not noted.

Soil analytical results are summarized in the attached **Table 1, Soil Analytical Summary**, and the attached **Laboratory Analysis Report (Appendix A)**. The results indicate that all compounds analyzed for in each sample, including all three analytical methods, EPA 8260, EPA 8270 and FL PRO, were either not detected, or in the case of

Limited Phase II Environmental Site Assessment Report Conservation Collier Program Cosentino Properties 2021 Rivers Road Naples, Collier County, Florida 34120



Petroleum Range Organics for SB-West (SB-1) and SB-2, and in the case of the analysis for Acenaphthylene for SB-West (SB-1), the reported values were found to be between the laboratory method detection limits (MDL) and the laboratory practical quantitation limits.

In summary the analysis for these two borings indicated that the presence of petroleum constituents was not found to be present at the depths of sample collection.



### 3. CONCLUSIONS

### 3.1 Soil Investigation

The results of the Limited Phase II sampling that included collection of two (2) soil samples, SB-West (SB-1) and SB-2, taken at depths of 0 to 6-inches bls, and 1 to 1.5-feet bls respectively, indicated that the presence of petroleum constituents in the soil was not found.

Several attempts to install a temporary well by way of a hand auger were met with refusal due to an apparent layer of cap-rock that exists in this area at a depth of 2 to 4-feet bls. A temporary well was not installed, and therefore a groundwater sample was not collected for analysis.



#### 4. DISCUSSION AND RECOMMENDATIONS

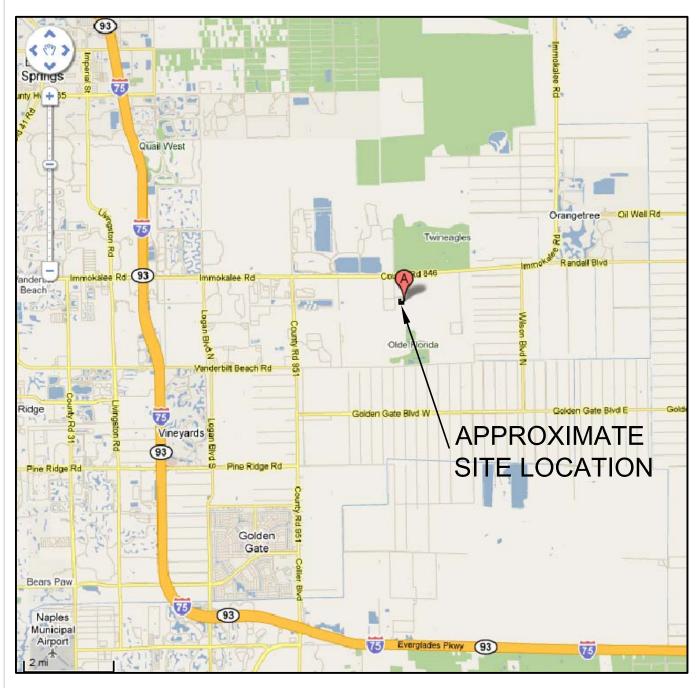
On May 21, 2010, ECT mobilized to the Subject Property to perform a Limited Phase II ESA in the area of drum identified in a Phase I ESA performed on the same property to be a Suspect Recognized Environmental Condition (REC).

Soil analytical results for two (2) soil samples, as discussed further in previous sections of this report, indicate that petroleum constituents were not identified in the soil at the specified depths. Although it was planned in the Phase II scope, a temporary groundwater well was not installed, and a subsequent groundwater sample was not collected. However, it is ECT's opinion that if a petroleum-based substance had leaked from the drum and into the soil on which it sits, its constituents would have been detected in the soil at some level by EPA Methods 8260 and 8270, and by Method FL-PRO. Since nothing was detected in either sample, by any of the three analytical methods, ECT feels that it is unlikely that a petroleum-based substance was in the drum and was released to the soil and groundwater in this area. Further investigation in the area of this drum is not recommended.



### **FIGURES**





#### FIGURE 1. SITE LOCATION MAP

COSENTINO PROPERTIES - LIMITED PHASE II ESA CONSERVATION COLLIER PROGRAM 2021 RIVERS ROAD, NAPLES, COLLIER COUNTY, FLORIDA 34120

Source: Google Maps, 2010





FIGURE2. SITE MAP (2008 AERIAL PHOTOGRAPH)

COSENTINO PROPERTIES - LIMITED PHASE II ESA

CONSERVATION COLLIER PROGRAM

2021 RIVERS ROAD, NAPLES, COLLIER COUNTY, FLORIDA 34120





**TABLES** 

### **TABLE 1: SOIL ANALYTICAL SUMMARY**

Facility Name:

# "Cosentino Properties" - Limited Phase II ESA - 2021 Rivers Rd., Naples, Florida 34120 Conservation Collier Program

												N	lethod 8	270 (PAH	s)									Metho	od 8260 (	BTEX/M	TBE)		FL-PRO
Sample	e_	Sample	_	nic Vapor eening	Acenaphthene (mg/kg)	Acenaphthylene (mg/kg)	Anthracene (mg/kg)	Benzo(a)anthracene (mg/kg)	Benzo(a)pyrene (mg/kg)	Benzo(b)fluoranthene (mg/kg)	Benzo(g,h,i)perylene (mg/kg)	Benzo(k)fluoranthene (mg/kg)	Chrysene (mg/kg)	Dibenzo(a,h)anthracene (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	Indeno(1,2,3-cd)pyrene (mg/kg)	Methylnaphthalene, 1- (mg/kg)	Methylnaphthalene, 2- (mg/kg)	Naphthalene (mg/kg)	Phenanthrene (mg/kg)	Pyrene (mg/kg)	Benzene (mg/kg)	Ethylbenzene (mg/kg)	MTBE (mg/kg)	Toluene (mg/kg)	Total VOA (mg/kg)	Total Xylenes (mg/kg)	Petroleum Range Organics (mg/kg)
Boring #	Date	Depth (ft bls)	Filtered	Unfiltered																									
SB-West	5/21/2010		(ppm) 1.52	(ppm) 86.72	0.0027 U	0.0082 i	0.0022 U	0.0019 U	0 0026 11	0.0035.11	0.0088.11	0.002411	0.0015 11	0.0094 U	0.002011	0.002311	0.000311	0.0042 U	0.003611	0.007111	0.003611	0.0088.11	0.00065 U	0.0007211	0.001011	0.002711	0.00065 U	0.0027 U	8.8 i
(SB-1)	5/21/2010	0 2 0.3	1.02	00.72	0.0027 0	0.00021	0.0022 0	0.0019 0	0.0020 0	0.0033 0	0.0000 0	0.0024 0	0.0013 0	0.0094 0	0.0029 0	0.0023 0	0.0092 0	0.0042 0	0.0030 0	0.00710	0.0030 0	0.0000 0	0.00000	0.00072 0	0.0019 0	0.0027 0	0.00000	0.0027 0	0.01
SB-2	5/21/2010	1 - 1.5	NA	NA	0.0027 U	0.0028 U	0.0022 U	0.0019 U	0.0025 U	0.0034 U	0.0087 U	0.0024 U	0.0015 U	0.0092 U	0.0029 U	0.0023 U	0.0091 U	0.0042 U	0.0035 U	0.007 U	0.0035 U	0.0087 U	0.00038 U	0.00043 U	0.0011 U	0.0016 U	0.00038 U	0.0016 U	7.1 i
Soil Target Cleanup Le	evels (Rule 62-	777, Table	II - Residen	tial) (mg/kg):	2400	1800	21000	1.3	0.1	1.3	2500	13	130	0.1	3200	2600	1.3	200	210	55	2200	2400	1.2	1500	4400	7500	NA	130	460
Soil Target Cleanup Le	evels (Rule 62-	777, Table	II - Leachab	ility) (mg/kg):	2.1	27	2500	0.8	8	2.4	32000	24	77	0.7	1200	160	6.6	3.1	8.5	1.2	250	880	0.007	0.6	0.09	0.5	NA	0.2	340

Source: ECT, 2010

#### FOOTNOTES:

U = Compound was analyzed for but not detected.

i = The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit



### **APPENDIX A**

**Laboratory Analysis Report** 



May 28, 2010

Email:

Info@SunLabsInc.com

Website: www.SunLabsInc.com

Jason Coleman
Environmental Consulting & Technology
4100 Center Pointe Drive
Suite 112
Ft. Myers, FL 33916

Re: SunLabs Project Number: 100524.08

Client Project Description: Cosentino-Phase II

Dear Mr. Coleman:

Enclosed is the report of laboratory analysis for the following samples:

Sample Number	Sample Description	Date Collected
102678	SB-1 (0-6")	5/21/2010
102679	LSB-2 (1-1.5')	5/21/2010

Copies of the Chain(s)-of-Custody, if received, are attached to this report.

If you have any questions or comments concerning this report, please do not hesitate to contact us.

Sincerely,

Michael W. Palmer

Vice President, Laboratory Operations

Enclosures



# Report of Laboratory Analysis

SunLabs Project Number

100524.08

Environmental Consulting & Technology

Project Description

Cosentino-Phase II

May 28, 2010

SunLabs Sample Number 102678
Sample Designation SB-1 (0-6")

Matrix Soil

Date Collected 5/21/2010 11:45 Date Received 5/22/2010 09:40

Date Analysed	Parameters	Method	Units	Results	Dil Factor	MDL	RL	CAS Number	Date/Time Analyzed	Date/Time Prep
Date Analyzed	Florida Petroleum Range Organ	nics(C8-C40)								
C-39 (40-140)	Date Extracted			05/24/10						05/24/10 14:45
0-Terphenyl (40-140)	Date Analyzed			5/25/2010	1				05/25/10 23:54	
Petroleum Range Organics   FLPRO   mg/kg   8.8   1   1   6.2   24   05/25/10   23:54   05/24/10   14:45	C-39 (40-140)	FLPRO	%	49	1		1.3		05/25/10 23:54	05/24/10 14:45
Percent Moisture	o-Terphenyl (40-140)	FLPRO	%	48	1		1.3	84-15-1	05/25/10 23:54	05/24/10 14:45
Moisture   160.3M   %   22	Petroleum Range Organics	FLPRO	mg/kg	8.8 I	1	6.2	24		05/25/10 23:54	05/24/10 14:45
Date Analyzed   3550   05/24/10   14-45   14	Percent Moisture									
Date Analyzed   3550   35724/10   14:45   5726/2010   1   57	% Moisture	160.3M	%	22			0.13		05/25/10	
Date Analyzed   8,770   5,726/2010   1   0.0027   0.011   0.0027   0.011   0.0027	Polynuclear Aromatic Hydrocar	bons by Method 8270								
Tempeny   General   Gene	Date Extracted	3550		05/24/10						05/24/10 14:45
Acenaphthylene 8270 mg/kg 0.0027 U 1 0.0027 0.011 83-32-9 05/26/10 01:12 05/24/10 14:45 Acenaphthylene 8270 mg/kg 0.0082 I 1 0.0028 0.011 208-96-8 05/26/10 01:12 05/24/10 14:45 Benzo(a)anthracene 8270 mg/kg 0.0019 U 1 0.0022 0.0087 120-12-7 05/26/10 01:12 05/24/10 14:45 Benzo(a)anthracene 8270 mg/kg 0.0019 U 1 0.0025 0.001 50-32-8 05/26/10 01:12 05/24/10 14:45 Benzo(a)pyrene 8270 mg/kg 0.0026 U 1 0.0025 0.011 50-32-8 05/26/10 01:12 05/24/10 14:45 Benzo(a)pyrene 8270 mg/kg 0.0035 U 1 0.0035 0.014 50-32-8 05/26/10 01:12 05/24/10 14:45 Benzo(b)fluoranthene 8270 mg/kg 0.0035 U 1 0.0035 0.014 50-32-8 05/26/10 01:12 05/24/10 14:45 Benzo(b)fluoranthene 8270 mg/kg 0.0082 U 1 0.0035 0.014 50-32-8 05/26/10 01:12 05/24/10 14:45 Benzo(b)fluoranthene 8270 mg/kg 0.0082 U 1 0.0035 0.014 50-32-8 05/26/10 01:12 05/24/10 14:45 Benzo(b)fluoranthene 8270 mg/kg 0.0082 U 1 0.0035 0.004 0.007 50-20 05/26/10 01:12 05/24/10 14:45 Benzo(b)fluoranthene 8270 mg/kg 0.0005 U 1 0.0004 0.007 50-32-8 05/26/10 01:12 05/24/10 14:45 Benzo(b)fluoranthene 8270 mg/kg 0.0005 U 1 0.0004 0.007 50-32-8 05/26/10 01:12 05/24/10 14:45 Fluoranthene 8270 mg/kg 0.0002 U 1 0.0004 0.007 50-30-9 05/26/10 01:12 05/24/10 14:45 Fluorene 8270 mg/kg 0.0002 U 1 0.0002 0.007 0004 0004	Date Analyzed	8270		5/26/2010	1				05/26/10 01:12	
Acenaphthylene 8270 mg/kg 0.0082 l 1 0.0022 0.0087 120-12-7 05/26/10 01:12 05/24/10 14:45 Anthracene 8270 mg/kg 0.0022 U 1 0.0022 0.0087 120-12-7 05/26/10 01:12 05/24/10 14:45 Benzo (a) pyrene 8270 mg/kg 0.0019 U 1 0.0026 0.0087 120-12-7 05/26/10 01:12 05/24/10 14:45 Benzo (a) pyrene 8270 mg/kg 0.0019 U 1 0.0026 0.0087 120-12-7 05/26/10 01:12 05/24/10 14:45 Benzo (a) pyrene 8270 mg/kg 0.0026 U 1 0.0026 0.0087 05-32-8 05/26/10 01:12 05/24/10 14:45 Benzo (b) fluoranthene 8270 mg/kg 0.0035 U 1 0.0035 0.014 205-99-2 05/26/10 01:12 05/24/10 14:45 Benzo (b) fluoranthene 8270 mg/kg 0.0035 U 1 0.0035 0.014 205-99-2 05/26/10 01:12 05/24/10 14:45 Benzo (b) fluoranthene 8270 mg/kg 0.0088 U 1 0.0036 0.004 20-09-9 05/26/10 01:12 05/24/10 14:45 Benzo (b) fluoranthene 8270 mg/kg 0.0015 U 1 0.0024 0.0097 207-08-9 05/26/10 01:12 05/24/10 14:45 Benzo (b) fluoranthene 8270 mg/kg 0.0015 U 1 0.0015 0.0002 218-01-9 05/26/10 01:12 05/24/10 14:45 Dibenzo (a,h) anthracene 8270 mg/kg 0.0015 U 1 0.0015 0.0002 218-01-9 05/26/10 01:12 05/24/10 14:45 Pluoranthene 8270 mg/kg 0.0029 U 1 0.0029 0.002 218-01-9 05/26/10 01:12 05/24/10 14:45 Pluorene 8270 mg/kg 0.0029 U 1 0.0029 0.002 205-3-7 05/26/10 01:12 05/24/10 14:45 Pluorene 8270 mg/kg 0.0029 U 1 0.0029 0.002 205-3-7 05/26/10 01:12 05/24/10 14:45 Pluorene 8270 mg/kg 0.0024 U 1 0.0029 0.002 205-3-7 05/26/10 01:12 05/24/10 14:45 Pluorene 8270 mg/kg 0.0024 U 1 0.0029 0.002 205-3-7 05/26/10 01:12 05/24/10 14:45 Pluorene 8270 mg/kg 0.0024 U 1 0.0029 0.002 205-3-7 05/26/10 01:12 05/24/10 14:45 Pluorene 8270 mg/kg 0.0024 U 1 0.0029 0.003 0.002 205-3-7 05/26/10 01:12 05/24/10 14:45 Pluorene 8270 mg/kg 0.0024 U 1 0.0029 0.003 0.002 205-3-7 05/26/10 01:12 05/24/10 14:45 Pluorene 8270 mg/kg 0.0036 U 1 0.0036 0.014 91:576 05/26/10 01:12 05/24/10 14:45 Pluorene 8270 mg/kg 0.0036 U 1 0.0036 0.014 91:576 05/26/10 01:12 05/24/10 14:45 Pluorene 8270 mg/kg 0.0036 U 1 0.0036 0.014 91:576 05/26/10 01:12 05/24/10 14:45 Pluorene 8270 mg/kg 0.0036 U 1 0.0036 0.014 91:576 05/26/10 01:12 05/24/10 14:45 Pluorene 827	Terphenyl-d14 (5-139)	8270	%	51	1			DEP-SURR-	05/26/10 01:12	05/24/10 14:45
Anthracene 8270 mg/kg 0.0022 U 1 0.0022 0.087 120-12-7 05/26/10 01:12 05/24/10 14:45 Benzo(a)anthracene 8270 mg/kg 0.0019 U 1 0.0019 0.0077 56-553 05/26/10 01:12 05/24/10 14:45 Benzo(a)pyrene 8270 mg/kg 0.0026 U 1 0.0035 0.014 0.0026 0.007 50-553 05/26/10 01:12 05/24/10 14:45 Benzo(b)fluoranthene 8270 mg/kg 0.0035 U 1 0.0036 0.014 0.0059-2 05/26/10 01:12 05/24/10 14:45 Benzo(b)fluoranthene 8270 mg/kg 0.0035 U 1 0.0036 0.035 01-24-2 05/26/10 01:12 05/24/10 14:45 Benzo(b)fluoranthene 8270 mg/kg 0.0088 U 1 0.0038 0.035 01-24-2 05/26/10 01:12 05/24/10 14:45 Benzo(b)fluoranthene 8270 mg/kg 0.0018 U 1 0.0036 0.035 01-24-2 05/26/10 01:12 05/24/10 14:45 Benzo(a)hanthracene 8270 mg/kg 0.0015 U 1 0.0026 0.0037 03-05-9 05/26/10 01:12 05/24/10 14:45 Dibenzo(a,h)anthracene 8270 mg/kg 0.0015 U 1 0.0046 0.0037 03-05-9 05/26/10 01:12 05/24/10 14:45 Dibenzo(a,h)anthracene 8270 mg/kg 0.0015 U 1 0.0046 0.0037 03-05-9 05/26/10 01:12 05/24/10 14:45 Dibenzo(a,h)anthracene 8270 mg/kg 0.0015 U 1 0.0034 0.003 03-2 03-03-2 05/26/10 01:12 05/24/10 14:45 Dibenzo(a,h)anthracene 8270 mg/kg 0.0023 U 1 0.0034 0.003 03-2 05/26/10 01:12 05/24/10 14:45 Dibenzo(a,h)anthracene 8270 mg/kg 0.0029 U 1 0.0034 0.0035 03-2 05/26/10 01:12 05/24/10 14:45 Dibenzo(a,h)anthracene 8270 mg/kg 0.0029 U 1 0.0029 0.012 05/26/10 01:12 05/24/10 14:45 Dibenzo(a,h)anthracene 8270 mg/kg 0.0029 U 1 0.0029 0.012 05/26/10 01:12 05/24/10 14:45 Dibenzo(a,h)anthracene 8270 mg/kg 0.0036 U 1 0.0036 0.014 05/26/10 01:12 05/24/10 14:45 Dibenzo(a,h)anthracene 8270 mg/kg 0.0036 U 1 0.0036 0.014 05/26/10 01:12 05/24/10 14:45 Dibenzo(a,h)anthracene 8270 mg/kg 0.0036 U 1 0.0042 0.017 00.0040 0.014 05/26/10 01:12 05/24/10 14:45 Dibenzo(a,h)anthracene 8270 mg/kg 0.0036 U 1 0.0042 0.017 00.0040 0.014 05/26/10 01:12 05/24/10 14:45 Dibenzo(a,h)anthracene 8270 mg/kg 0.0036 U 1 0.0036 0.014 05.014 05/26/10 01:12 05/24/10 14:45 Dibenzo(a,h)anthracene 8270 mg/kg 0.0036 U 1 0.0036 0.014 05.014 05/26/10 01:12 05/24/10 14:45 Dibenzo(a,h)anthracene 8270 mg/kg 0.0036 U 1 0.0036 0.014 05.014 05/26	Acenaphthene	8270	mg/kg	0.0027 U	1	0.0027	0.011	83-32-9	05/26/10 01:12	05/24/10 14:45
Benzo(a)anthracene         8270         mg/kg         0.0019         U         1         0.0019         0.0075         56-55-3         05/26/10         01:12         05/24/10         14:45           Benzo(a)pyrene         8270         mg/kg         0.0026         U         1         0.0026         0.01         50-32-8         05/26/10         01:12         05/24/10         14:45           Benzo(b)fluoranthene         8270         mg/kg         0.0088         U         1         0.0035         0.014         205-29-2         05/26/10         01:12         05/24/10         14:45           Benzo(k)fluoranthene         8270         mg/kg         0.0024         U         1         0.0035         191-24-2         05/26/10         01:12         05/24/10         14:45           Benzo(k)fluoranthene         8270         mg/kg         0.0015         U         1         0.004         0.007         207-08-9         05/26/10         01:12         05/24/10         14:45           Benzo(k)fluoranthene         8270         mg/kg         0.0015         U         1         0.004         0.007         207-08-9         05/26/10         01:12         05/24/10         14:45           Dibenzo(a,h)anthracene         8270 <td>Acenaphthylene</td> <td>8270</td> <td>mg/kg</td> <td>0.0082 I</td> <td>1</td> <td>0.0028</td> <td>0.011</td> <td>208-96-8</td> <td>05/26/10 01:12</td> <td>05/24/10 14:45</td>	Acenaphthylene	8270	mg/kg	0.0082 I	1	0.0028	0.011	208-96-8	05/26/10 01:12	05/24/10 14:45
Benzo (a) pyrene   8270   mg/kg   0.0026   U   1   0.0026   0.01   50-32-8   05/26/10   01:12   05/24/10   14:45     Benzo (b) fluoranthene   8270   mg/kg   0.0035   U   1   0.0035   0.014   205-99-2   05/26/10   01:12   05/24/10   14:45     Benzo (b) fluoranthene   8270   mg/kg   0.0035   U   1   0.0036   0.014   205-99-2   05/26/10   01:12   05/24/10   14:45     Benzo (b) fluoranthene   8270   mg/kg   0.0024   U   1   0.0024   0.007   207-08-9   05/26/10   01:12   05/24/10   14:45     Benzo (b) fluoranthene   8270   mg/kg   0.0015   U   1   0.0015   0.0062   218-01-9   05/26/10   01:12   05/24/10   14:45     Benzo (b) fluoranthene   8270   mg/kg   0.0094   U   1   0.0004   0.007   53-70-3   05/26/10   01:12   05/24/10   14:45     Benzo (b) fluoranthene   8270   mg/kg   0.0094   U   1   0.0004   0.037   53-70-3   05/26/10   01:12   05/24/10   14:45     Benzo (b) fluoranthene   8270   mg/kg   0.0029   U   1   0.0002   0.002   0.004	Anthracene	8270	mg/kg	0.0022 U	1	0.0022	0.0087	120-12-7	05/26/10 01:12	05/24/10 14:45
Benzo(b)fluoranthene         8270         mg/kg         0.0035         U         1         0.0035         0.014         205-99-2         05/26/10         01:12         05/24/10         14:45           Benzo(b)fluoranthene         8270         mg/kg         0.0088         U         1         0.0088         0.05         191-24-2         05/26/10         01:12         05/24/10         14:45           Benzo(k)fluoranthene         8270         mg/kg         0.0024         U         1         0.0024         0.007         207-08-9         05/26/10         01:12         05/24/10         14:45           Chrysene         8270         mg/kg         0.0015         U         1         0.004         0.037         53-70-3         05/26/10         01:12         05/24/10         14:45           Fluoranthene         8270         mg/kg         0.0029         U         1         0.0029         0.037         53-70-3         05/26/10         01:12         05/24/10         14:45           Fluoranthene         8270         mg/kg         0.0023         U         1         0.0029         0.037         53-70-3         05/26/10         01:12         05/24/10         14:45           Fluoranthene         8270	Benzo(a)anthracene	8270	mg/kg	0.0019 U	1	0.0019	0.0077	56-55-3	05/26/10 01:12	05/24/10 14:45
Benzo(g), hi)perylene 8270 mg/kg 0.0088 U 1 0.0088 0.035 191-24-2 05/26/10 01:12 05/24/10 14:45 Benzo(k) fluoranthene 8270 mg/kg 0.0024 U 1 0.0024 0.0097 207-08-9 05/26/10 01:12 05/24/10 14:45 Chrysene 8270 mg/kg 0.0015 U 1 0.0015 0.006 218-01-9 05/26/10 01:12 05/24/10 14:45 Eluoranthene 8270 mg/kg 0.0015 U 1 0.0015 0.006 218-01-9 05/26/10 01:12 05/24/10 14:45 Eluoranthene 8270 mg/kg 0.0029 U 1 0.0029 0.007 207-08-9 05/26/10 01:12 05/24/10 14:45 Eluoranthene 8270 mg/kg 0.0029 U 1 0.0029 0.007 206-44-0 05/26/10 01:12 05/24/10 14:45 Eluoranthene 8270 mg/kg 0.0023 U 1 0.0029 0.002 206-44-0 05/26/10 01:12 05/24/10 14:45 Eluoranthene 8270 mg/kg 0.0023 U 1 0.0023 0.0092 0.0093 0.0092 0.0093 0	Benzo(a)pyrene	8270	mg/kg	0.0026 U	1	0.0026	0.01	50-32-8	05/26/10 01:12	05/24/10 14:45
Benzo(k)fluoranthene   8270   mg/kg   0.0024   U   1   0.0024   0.007   207-08-9   05/26/10   01:12   05/24/10   14:45	Benzo(b)fluoranthene	8270	mg/kg	0.0035 U	1	0.0035	0.014	205-99-2	05/26/10 01:12	05/24/10 14:45
Chrysene   8270   mg/kg   0.0015   U   1   0.0015   0.0062   218-01-9   05/26/10   01:12   05/24/10   14:45	Benzo(g,h,i)perylene	8270	mg/kg	0.0088 U	1	0.0088	0.035	191-24-2	05/26/10 01:12	05/24/10 14:45
Dibenzo(a,h)anthracene   8270   mg/kg   0.0094   U   1   0.0094   0.037   53-70-3   05/26/10   01:12   05/24/10   14:45	Benzo(k)fluoranthene	8270	mg/kg	0.0024 U	1	0.0024	0.0097	207-08-9	05/26/10 01:12	05/24/10 14:45
Fluoranthene   8270   mg/kg   0.0029   U   1   0.0029   0.012   206-44-0   05/26/10   01:12   05/24/10   14:45     Fluorene   8270   mg/kg   0.0023   U   1   0.0023   0.0092   86-73-7   05/26/10   01:12   05/24/10   14:45     Indeno(1,2,3-cd)pyrene   8270   mg/kg   0.0092   U   1   0.0092   0.037   193-39-5   05/26/10   01:12   05/24/10   14:45     Indeno(1,2,3-cd)pyrene   8270   mg/kg   0.0042   U   1   0.0042   0.017   90-12-0   05/26/10   01:12   05/24/10   14:45     Indeno(1,2,3-cd)pyrene   8270   mg/kg   0.0036   U   1   0.0042   0.017   90-12-0   05/26/10   01:12   05/24/10   14:45     Indeno(1,2,3-cd)pyrene   8270   mg/kg   0.0036   U   1   0.0036   0.014   91-57-6   05/26/10   01:12   05/24/10   14:45     Indeno(1,2,3-cd)pyrene   8270   mg/kg   0.0036   U   1   0.0036   0.014   91-57-6   05/26/10   01:12   05/24/10   14:45     Indeno(1,2,3-cd)pyrene   8270   mg/kg   0.0036   U   1   0.0036   0.014   91-57-6   05/26/10   01:12   05/24/10   14:45     Indeno(1,2,3-cd)pyrene   8270   mg/kg   0.0036   U   1   0.0036   0.014   91-57-6   05/26/10   01:12   05/24/10   14:45     Indeno(1,2,3-cd)pyrene   8270   mg/kg   0.0036   U   1   0.0036   0.014   91-57-6   05/26/10   01:12   05/24/10   14:45     Indeno(1,2,3-cd)pyrene   8270   mg/kg   0.0036   U   1   0.0038   0.014   91-57-6   05/26/10   01:12   05/24/10   14:45     Indeno(1,2,3-cd)pyrene   8270   mg/kg   0.0088   U   1   0.0088   0.014   91-57-6   05/26/10   01:12   05/24/10   14:45     Indeno(1,2,3-cd)pyrene   8270   mg/kg   0.0088   U   1   0.0088   0.014   91-57-6   05/26/10   01:12   05/24/10   14:45     Indeno(1,2,3-cd)pyrene   8270   mg/kg   0.0088   U   1   0.0088   0.014   91-57-6   05/26/10   01:12   05/24/10   14:45     Indeno(1,2,3-cd)pyrene   91-57-6   0.0088   0.0088   U   1   0.0088	Chrysene	8270	mg/kg	0.0015 U	1	0.0015	0.0062	218-01-9	05/26/10 01:12	05/24/10 14:45
Fluorene   8270   mg/kg   0.0023   U   1   0.0023   0.0092   86-73-7   05/26/10   01:12   05/24/10   14:45     Indeno(1,2,3-cd)pyrene   8270   mg/kg   0.0092   U   1   0.0092   0.037   193-39-5   05/26/10   01:12   05/24/10   14:45     Indeno(1,2,3-cd)pyrene   8270   mg/kg   0.0042   U   1   0.0042   0.017   90-12-0   05/26/10   01:12   05/24/10   14:45     Indeno(1,2,3-cd)pyrene   8270   mg/kg   0.0042   U   1   0.0042   0.017   90-12-0   05/26/10   01:12   05/24/10   14:45     Indeno(1,2,3-cd)pyrene   8270   mg/kg   0.0036   U   1   0.0036   0.014   91-57-6   05/26/10   01:12   05/24/10   14:45     Indeno(1,2,3-cd)pyrene   8270   mg/kg   0.0036   U   1   0.0036   0.014   91-57-6   05/26/10   01:12   05/24/10   14:45     Indeno(1,2,3-cd)pyrene   8270   mg/kg   0.0071   U   1   0.0036   0.014   91-57-6   05/26/10   01:12   05/24/10   14:45     Indeno(1,2,3-cd)pyrene   8270   mg/kg   0.0036   U   1   0.0036   0.014   85-01-8   05/26/10   01:12   05/24/10   14:45     Indeno(1,2,3-cd)pyrene   8270   mg/kg   0.0036   U   1   0.0036   0.014   85-01-8   05/26/10   01:12   05/24/10   14:45     Indeno(1,2,3-cd)pyrene   8270   mg/kg   0.0036   U   1   0.0036   0.014   85-01-8   05/26/10   01:12   05/24/10   14:45     Indeno(1,2,3-cd)pyrene   8270   mg/kg   0.0036   U   1   0.0036   0.014   85-01-8   05/26/10   01:12   05/24/10   14:45     Indeno(1,2,3-cd)pyrene   8270   mg/kg   0.0088   U   1   0.0088   0.036   129-00-0   05/26/10   01:12   05/24/10   14:45     Indeno(1,2,3-cd)pyrene   91-20   0.0046   0.0	Dibenzo(a,h)anthracene	8270	mg/kg	0.0094 U	1	0.0094	0.037	53-70-3	05/26/10 01:12	05/24/10 14:45
Indeno(1,2,3-cd)pyrene	Fluoranthene	8270	mg/kg	0.0029 U	1	0.0029	0.012	206-44-0	05/26/10 01:12	05/24/10 14:45
1-Methylnaphthalene 8270 mg/kg 0.0042 U 1 0.0042 0.017 90-12-0 05/26/10 01:12 05/24/10 14:45 2-Methylnaphthalene 8270 mg/kg 0.0036 U 1 0.0036 0.014 91-57-6 05/26/10 01:12 05/24/10 14:45 Naphthalene 8270 mg/kg 0.0071 U 1 0.0071 0.028 91-20-3 05/26/10 01:12 05/24/10 14:45 Naphthalene 8270 mg/kg 0.0036 U 1 0.0036 0.014 85-01-8 05/26/10 01:12 05/24/10 14:45 Phenanthrene 8270 mg/kg 0.0036 U 1 0.0036 0.014 85-01-8 05/26/10 01:12 05/24/10 14:45 Pyrene 8270 mg/kg 0.0088 U 1 0.0088 0.036 129-00-0 05/26/10 01:12 05/24/10 14:45  Volatile Organic Compounds (BTEX/MTBE) Date Analyzed 05/28/10 1 05/28/10 1 05/28/10 14:37 Toluene-d8 (49-134) 8260 % 98 1 0 05/28/10 14:37 Benzene 8260 mg/kg 0.00065 U 1 0.00065 0.0046 71-43-2 05/28/10 14:37 Ethylbenzene 8260 mg/kg 0.00072 U 1 0.00072 0.0046 100-41-4 05/28/10 14:37  MTBE 8260 mg/kg 0.0019 U 1 0.0019 0.0072 1634-04-4 05/28/10 14:37 Toluene 8260 mg/kg 0.0027 U 1 0.0027 0.0046 100-41-4 05/28/10 14:37 Toluene 8260 mg/kg 0.0027 U 1 0.0027 0.0046 108-88-3 05/28/10 14:37 Toluene 8260 mg/kg 0.0027 U 1 0.0027 0.0046 108-88-3 05/28/10 14:37 Toluene 8260 mg/kg 0.0027 U 1 0.0027 0.0046 108-88-3 05/28/10 14:37 Toluene 8260 mg/kg 0.0027 U 1 0.0027 0.0046 108-88-3 05/28/10 14:37 Toluene 8260 mg/kg 0.0027 U 1 0.0027 0.0046 108-88-3 05/28/10 14:37	Fluorene	8270	mg/kg	0.0023 U	1	0.0023	0.0092	86-73-7	05/26/10 01:12	05/24/10 14:45
2-Methylnaphthalene 8270 mg/kg 0.0036 U 1 0.0036 0.014 91-57-6 05/26/10 01:12 05/24/10 14:45 Naphthalene 8270 mg/kg 0.0071 U 1 0.0071 0.028 91-20-3 05/26/10 01:12 05/24/10 14:45 Phenanthrene 8270 mg/kg 0.0036 U 1 0.0036 0.014 85-01-8 05/26/10 01:12 05/24/10 14:45 Pyrene 8270 mg/kg 0.0088 U 1 0.0088 0.036 129-00-0 05/26/10 01:12 05/24/10 14:45  Pyrene 05/28/10 1 0.0088 0.036 129-00-0 05/26/10 01:12 05/24/10 14:45  Pyrene 05/28/10 1 0.0088 0.036 129-00-0 05/26/10 01:12 05/24/10 14:45  Pyrene 05/28/10 1 0.0088 0.036 129-00-0 05/26/10 01:12 05/24/10 14:45  Pyrene 05/28/10 1 0.0088 0.036 129-00-0 05/26/10 01:12 05/24/10 14:45  Pyrene 05/28/10 14:45  Dispression 05/28	Indeno(1,2,3-cd)pyrene	8270	mg/kg	0.0092 U	1	0.0092	0.037	193-39-5	05/26/10 01:12	05/24/10 14:45
Naphthalene 8270 mg/kg 0.0071 U 1 0.0071 0.028 91-20-3 05/26/10 01:12 05/24/10 14:45 Phenanthrene 8270 mg/kg 0.0036 U 1 0.0036 0.014 85-01-8 05/26/10 01:12 05/24/10 14:45 Pyrene 8270 mg/kg 0.0088 U 1 0.0088 0.036 129-00-0 05/26/10 01:12 05/24/10 14:45  Volatile Organic Compounds (BTEX/MTBE)  Date Analyzed 05/28/10 1 05/28/10 1 05/28/10 14:37 Toluene-d8 (49-134) 8260 % 98 1 DEP-SURR- 05/28/10 14:37  Benzene 8260 mg/kg 0.00065 U 1 0.00065 0.0046 71-43-2 05/28/10 14:37  Ethylbenzene 8260 mg/kg 0.00072 U 1 0.00072 0.0046 100-41-4 05/28/10 14:37  MTBE 8260 mg/kg 0.0019 U 1 0.0019 0.0072 1634-04-4 05/28/10 14:37  Toluene 8260 mg/kg 0.0027 U 1 0.0027 0.0046 108-88-3 05/28/10 14:37  Toluene 8260 mg/kg 0.0027 U 1 0.0027 0.0046 108-88-3 05/28/10 14:37  Toluene 8260 mg/kg 0.0027 U 1 0.0027 0.0046 108-88-3 05/28/10 14:37  Toluene 8260 mg/kg 0.0027 U 1 0.0027 0.0046 108-88-3 05/28/10 14:37	1-Methylnaphthalene	8270	mg/kg	0.0042 U	1	0.0042	0.017	90-12-0	05/26/10 01:12	05/24/10 14:45
Phenanthrene 8270 mg/kg 0.0036 U 1 0.0036 0.014 85-01-8 05/26/10 01:12 05/24/10 14:45  Pyrene 8270 mg/kg 0.0088 U 1 0.0088 0.036 129-00-0 05/26/10 01:12 05/24/10 14:45  Volatile Organic Compounds (BTEX/MTBE)  Date Analyzed 05/28/10 1 05/28/10 1 05/28/10 14:37  Toluene-d8 (49-134) 8260 % 98 1 0EP-SURR- 05/28/10 14:37  Benzene 8260 mg/kg 0.00065 U 1 0.00065 0.0046 71-43-2 05/28/10 14:37  Ethylbenzene 8260 mg/kg 0.00072 U 1 0.00072 0.0046 100-41-4 05/28/10 14:37  MTBE 8260 mg/kg 0.0019 U 1 0.0019 0.0072 1634-04-4 05/28/10 14:37  Toluene 8260 mg/kg 0.0027 U 1 0.0027 0.0087 108-88-3 05/28/10 14:37  Toluene 8260 mg/kg 0.0027 U 1 0.0027 0.0087 108-88-3 05/28/10 14:37  Toluene 8260 mg/kg 0.0027 U 1 0.0027 0.0087 108-88-3 05/28/10 14:37	2-Methylnaphthalene	8270	mg/kg	0.0036 U	1	0.0036	0.014	91-57-6	05/26/10 01:12	05/24/10 14:45
Pyrene 8270 mg/kg 0.0088 U 1 0.0088 0.036 129-00-0 05/26/10 01:12 05/24/10 14:45  **Volatile Organic Compounds (BTEX/MTBE)**  Date Analyzed 05/28/10 1 05/28/10 1 05/28/10 14:37  Toluene-d8 (49-134) 8260 % 98 1 0EP-SURR- 05/28/10 14:37  Benzene 8260 mg/kg 0.00065 U 1 0.00065 0.0046 71-43-2 05/28/10 14:37  Ethylbenzene 8260 mg/kg 0.00072 U 1 0.00072 0.0046 100-41-4 05/28/10 14:37  MTBE 8260 mg/kg 0.0019 U 1 0.0019 0.0072 1634-04-4 05/28/10 14:37  Toluene 8260 mg/kg 0.0027 U 1 0.0027 0.0087 108-88-3 05/28/10 14:37  Toluene 8260 mg/kg 0.0027 U 1 0.0027 0.0087 108-88-3 05/28/10 14:37  Total Xylenes 8260 mg/kg 0.0027 U 1 0.0027 0.011 1330-20-7 05/28/10 14:37	Naphthalene	8270	mg/kg	0.0071 U	1	0.0071	0.028	91-20-3	05/26/10 01:12	05/24/10 14:45
Volatile Organic Compounds (BTEX/MTBE)           Date Analyzed         05/28/10         1         05/28/10         14:37           Toluene-d8 (49-134)         8260         %         98         1         DEP-SURR- 05/28/10         14:37           Benzene         8260         mg/kg         0.00065         U         1         0.00065 0.0046         71-43-2         05/28/10         14:37           Ethylbenzene         8260         mg/kg         0.00072         U         1         0.00072 0.0046         100-41-4         05/28/10         14:37           MTBE         8260         mg/kg         0.0019         U         1         0.0019 0.0072         1634-04-4         05/28/10         14:37           Toluene         8260         mg/kg         0.0027         U         1         0.0027 0.0087         108-88-3         05/28/10         14:37           Total Xylenes         8260         mg/kg         0.0027 U         U         1         0.0027 0.0011         1330-20-7         05/28/10         14:37	Phenanthrene	8270	mg/kg	0.0036 U	1	0.0036	0.014	85-01-8	05/26/10 01:12	05/24/10 14:45
Date Analyzed         05/28/10         1         05/28/10         14:37           Toluene-d8 (49-134)         8260         %         98         1         DEP-SURR- 05/28/10 14:37           Benzene         8260         mg/kg 0.00065 U 1 0.00065 U 1 0.00065 0.0046 71-43-2 05/28/10 14:37         05/28/10 14:37           Ethylbenzene         8260         mg/kg 0.00072 U 1 0.00072 0.0046 100-41-4 05/28/10 14:37         05/28/10 14:37           MTBE         8260         mg/kg 0.0027 U 1 0.0027 0.0027 0.0047 108-88-3 05/28/10 14:37         05/28/10 14:37           Toluene         8260         mg/kg 0.0027 U 1 0.0027 0.0017 1330-20-7 05/28/10 14:37           Total Xylenes         8260         mg/kg 0.0027 U 1 0.0027 0.011 1330-20-7 05/28/10 14:37	Pyrene	8270	mg/kg	0.0088 U	1	0.0088	0.036	129-00-0	05/26/10 01:12	05/24/10 14:45
Toluene-d8 (49-134)  8260  %  98  1  DEP-SURR- 05/28/10 14:37  Benzene  8260  mg/kg  0.00065  U  1  0.00065  0.0046  71-43-2  05/28/10 14:37  DEP-SURR- 05/28/10 14:37	Volatile Organic Compounds (B	STEX/MTBE)								
Benzene       8260       mg/kg       0.00065       U       1       0.00065       0.0046       71-43-2       05/28/10       14:37         Ethylbenzene       8260       mg/kg       0.00072       U       1       0.00072       0.0046       100-41-4       05/28/10       14:37         MTBE       8260       mg/kg       0.0019       U       1       0.0019       0.0027       1634-04-4       05/28/10       14:37         Toluene       8260       mg/kg       0.0027       U       1       0.0027       0.0087       108-88-3       05/28/10       14:37         Total Xylenes       8260       mg/kg       0.0027       U       1       0.0027       0.011       1330-20-7       05/28/10       14:37	Date Analyzed			05/28/10	1				05/28/10 14:37	
Ethylbenzene         8260         mg/kg         0.00072         U         1         0.00072         0.0046         100-41-4         05/28/10         14:37           MTBE         8260         mg/kg         0.0019         U         1         0.0019         0.0072         1634-04-4         05/28/10         14:37           Toluene         8260         mg/kg         0.0027         U         1         0.0027         0.0087         108-88-3         05/28/10         14:37           Total Xylenes         8260         mg/kg         0.0027         U         1         0.0027         0.011         1330-20-7         05/28/10         14:37	Toluene-d8 (49-134)	8260	%	98	1			DEP-SURR-	05/28/10 14:37	
MTBE 8260 mg/kg 0.0019 U 1 0.0019 0.0072 1634-04-4 05/28/10 14:37  Toluene 8260 mg/kg 0.0027 U 1 0.0027 0.0087 108-88-3 05/28/10 14:37  Total Xylenes 8260 mg/kg 0.0027 U 1 0.0027 0.011 1330-20-7 05/28/10 14:37	Benzene	8260	mg/kg	0.00065 U	1	0.00065	0.0046	71-43-2	05/28/10 14:37	
Toluene         8260         mg/kg         0.0027         U         1         0.0027         0.0087         108-88-3         05/28/10         14:37           Total Xylenes         8260         mg/kg         0.0027         U         1         0.0027         0.011         1330-20-7         05/28/10         14:37	Ethylbenzene	8260	mg/kg	0.00072 U	1	0.00072	0.0046	100-41-4	05/28/10 14:37	
Total Xylenes 8260 mg/kg 0.0027 U 1 0.0027 0.011 1330-20-7 05/28/10 14:37	MTBE	8260	mg/kg	0.0019 U	1	0.0019	0.0072	1634-04-4	05/28/10 14:37	
, , , , , , , , , , , , , , , , , , , ,	Toluene	8260	mg/kg	0.0027 U	1	0.0027	0.0087	108-88-3	05/28/10 14:37	
Total VOA 8260 mg/kg 0.00065 U 1 0.00065 0.0046 05/28/10 14:37	Total Xylenes	8260	mg/kg	0.0027 U	1	0.0027	0.011	1330-20-7	05/28/10 14:37	
	Total VOA	8260	mg/kg	0.00065 U	1	0.00065	0.0046		05/28/10 14:37	



# Report of Laboratory Analysis

SunLabs Project Number

100524.08

Environmental Consulting & Technology

Project Description

Cosentino-Phase II

May 28, 2010

SunLabs Sample Number Sample Designation

102679

LSB-2 (1-1.5')

Matrix So

Date Collected 5/21/2010 12:12 Date Received 5/22/2010 09:40

Parameters	Method	Units	Results	Dil Factor	MDL	RL	CAS Number	Date/Time Analyzed	Date/Time Prep
Florida Petroleum Range Organics	(C8-C40)								
Date Extracted			05/24/10						05/24/10 14:45
Date Analyzed			5/26/2010	1				05/26/10 00:01	
C-39 (40-140)	FLPRO	%	63	1		1.3		05/26/10 00:01	05/24/10 14:45
o-Terphenyl (40-140)	FLPRO	%	61	1		1.3	84-15-1	05/26/10 00:01	05/24/10 14:45
Petroleum Range Organics	FLPRO	mg/kg	7.1 I	1	6.1	24		05/26/10 00:01	05/24/10 14:45
Percent Moisture									
% Moisture	160.3M	%	21			0.13		05/25/10	
Polynuclear Aromatic Hydrocarbor	ns by Method 8270								
Date Extracted	3550		05/24/10						05/24/10 14:45
Date Analyzed	8270		5/26/2010	1				05/26/10 01:29	
Terphenyl-d14 (5-139)	8270	%	59	1			DEP-SURR-	05/26/10 01:29	05/24/10 14:45
Acenaphthene	8270	mg/kg	0.0027 U	1	0.0027	0.011	83-32-9	05/26/10 01:29	05/24/10 14:45
Acenaphthylene	8270	mg/kg	0.0028 U	1	0.0028	0.011	208-96-8	05/26/10 01:29	05/24/10 14:45
Anthracene	8270	mg/kg	0.0022 U	1	0.0022	0.0086	120-12-7	05/26/10 01:29	05/24/10 14:45
Benzo(a)anthracene	8270	mg/kg	0.0019 U	1	0.0019	0.0076	56-55-3	05/26/10 01:29	05/24/10 14:45
Benzo(a)pyrene	8270	mg/kg	0.0025 U	1	0.0025	0.01	50-32-8	05/26/10 01:29	05/24/10 14:45
Benzo(b)fluoranthene	8270	mg/kg	0.0034 U	1	0.0034	0.014	205-99-2	05/26/10 01:29	05/24/10 14:45
Benzo(g,h,i)perylene	8270	mg/kg	0.0087 U	1	0.0087	0.035	191-24-2	05/26/10 01:29	05/24/10 14:45
Benzo(k)fluoranthene	8270	mg/kg	0.0024 U	1	0.0024	0.0096	207-08-9	05/26/10 01:29	05/24/10 14:45
Chrysene	8270	mg/kg	0.0015 U	1	0.0015	0.0061	218-01-9	05/26/10 01:29	05/24/10 14:45
Dibenzo(a,h)anthracene	8270	mg/kg	0.0092 U	1	0.0092	0.037	53-70-3	05/26/10 01:29	05/24/10 14:45
Fluoranthene	8270	mg/kg	0.0029 U	1	0.0029	0.012	206-44-0	05/26/10 01:29	05/24/10 14:45
Fluorene	8270	mg/kg	0.0023 U	1	0.0023	0.0091	86-73-7	05/26/10 01:29	05/24/10 14:45
Indeno(1,2,3-cd)pyrene	8270	mg/kg	0.0091 U	1	0.0091	0.036	193-39-5	05/26/10 01:29	05/24/10 14:45
1-Methylnaphthalene	8270	mg/kg	0.0042 U	1	0.0042	0.017	90-12-0	05/26/10 01:29	05/24/10 14:45
2-Methylnaphthalene	8270	mg/kg	0.0035 U	1	0.0035	0.014	91-57-6	05/26/10 01:29	05/24/10 14:45
Naphthalene	8270	mg/kg	0.007 U	1	0.007	0.028	91-20-3	05/26/10 01:29	05/24/10 14:45
Phenanthrene	8270	mg/kg	0.0035 U	1	0.0035	0.014	85-01-8	05/26/10 01:29	05/24/10 14:45
Pyrene	8270	mg/kg	0.0087 U	1	0.0087	0.035	129-00-0	05/26/10 01:29	05/24/10 14:45
Volatile Organic Compounds (BTE)	<u>(/MTBE)</u>								
Date Analyzed			05/27/10	1				05/27/10 16:58	
Toluene-d8 (49-134)	8260	%	106	1			DEP-SURR-	05/27/10 16:58	
Benzene	8260	mg/kg	0.00038 U	1	0.00038	0.0027	71-43-2	05/27/10 16:58	
Ethylbenzene	8260	mg/kg	0.00043 U	1	0.00043	0.0027	100-41-4	05/27/10 16:58	
MTBE	8260	mg/kg	0.0011 U	1	0.0011	0.0043	1634-04-4	05/27/10 16:58	
Toluene	8260	mg/kg	0.0016 U	1	0.0016	0.0047	108-88-3	05/27/10 16:58	
Total Xylenes	8260	mg/kg	0.0016 U	1	0.0016	0.0064	1330-20-7	05/27/10 16:58	
Total VOA	8260	mg/kg	0.00038 U	1	0.00038	0.0027		05/27/10 16:58	

Phone: (813) 881-9401 Email: Info@SunLabsInc.com Website: www.SunLabsInc.com



## Report of Laboratory Analysis

SunLabs Project Number

100524.08

Environmental Consulting & Technology

Project Description

Cosentino-Phase II

May 28, 2010

#### Footnotes

	1 00111000
*	SunLabs is not currently NELAC certified for this analyte.
1	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J	The reported value failed to meet the established quality control criteria for either precision or accuracy(see cover letter for explanation)
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MB	Method Blank
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Sample not analyzed at client's request.
Q	Sample held beyond the accepted holding time.
RL	RL(reporting limit) = PQL(practical quantitation limit).
RPD	Relative Percent Difference
U	Compound was analyzed for but not detected.

Indicates that the analyte was detected in both the sample and the associated method blank.



## **Quality Control Data**

**Project Number** 

**Environmental Consulting &** 

100524.08

Project Description

Cosentino-Phase II

May 28, 2010

Batch No:	D4352															
			_							ssociated 12678, 10	d Samples 12679	i				
Test:	Polynuclea	ar Aromatic Hydroc	arbons	by Me	ethod	8270				2070, 10	,20,,					
TestCode:	8270PAH-s	1	_													
Compound		Blank	LCS Spike	LCS %Rec	LCSD %Rec	RPD %	QC Li RPD	imits LCS	MS Spike	MS %Rec	MSD %Rec	RPD %	QC RPD	Limits MS	Dup RPD	Qualifiers
Parent Sample Number										102445	102445					
Terphenyl-d14 (5-139)		69 %														
Acenaphthene		0.0021 U mg/kg	1000	47				38-68	1000	51	51	0	13	38-77		
Acenaphthylene		0.0022 U mg/kg	1000	44				39-70	1000	46	46	0	12	45-75		
Anthracene		0.0017 U mg/kg	1000	51				40-75	1000	53	51	4	44	36-91		
Benzo(a)anthracene		0.0015 U mg/kg	1000	59				28-91	1000	55	54	2	39	12-117		
Benzo(a)pyrene		0.002 U mg/kg	1000	55				12-93	1000	47	44	7	46	5-103		
Benzo(b)fluoranthene		0.0027 U mg/kg	1000	60				20-90	1000	52	50	4	52	0-124		
Benzo(g,h,i)perylene		0.0069 U mg/kg	1000	60				24-83	1000	45	43	5	67	13-98		
Benzo(k)fluoranthene		0.0019 U mg/kg	1000	59				19-105	1000	53	50	6	32	15-112		
Chrysene		0.0012 U mg/kg	1000	57				42-87	1000	53	51	4	48	26-117		
Dibenzo(a,h)anthracene	9	0.0073 U mg/kg	1000	57				23-86	1000	45	46	2	37	20-92		
luoranthene		0.0023 U mg/kg	1000	57				34-85	1000	58	57	2	52	7-134		
Fluorene		0.0018 U mg/kg	1000	47				34-72	1000	51	52	2	19	33-84		
ndeno(1,2,3-cd)pyrene		0.0072 U mg/kg	1000	57				27-86	1000	46	45	2	49	19-99		
-Methylnaphthalene		0.0033 U mg/kg	1000	49				43-70	1000	50	48	4	17	40-85		
2-Methylnaphthalene		0.0028 U mg/kg	1000	45				39-72	1000	48	47	2	19	41-83		
			1000	46				41-65	1000	48	47	2	16	41-74		
Naphthalene		0.0055 U mg/kg										_				
Naphthalene Phenanthrene Pyrene	D 4050	0.0055 U mg/kg 0.0028 U mg/kg 0.0069 U mg/kg	1000	50 56				29-77 34-86	1000 1000	54 57	54 56	2	45 52	13-113 8-132		
Naphthalene Phenanthrene Pyrene  Batch No:	D4353 Florida Pe	0.0028 U mg/kg 0.0069 U mg/kg	1000 1000	50 56	0)				1000 As	57	56 I Samples	2				
Naphthalene Phenanthrene Pyrene  Batch No: Fest:	Florida Pe	0.0028 U mg/kg	1000 1000	50 56	0)				1000 As	57 ssociated	56 I Samples	2				
Naphthalene Phenanthrene Pyrene  Batch No: Fest: FestCode:		0.0028 U mg/kg 0.0069 U mg/kg	1000 1000	50 56 <b>C8-C4</b> LCS	O)  LCSD %Rec	RPD %	QC Li RPD	34-86	1000 As	57 ssociated	56 I Samples	2	52		Dup RPD	Qualifiers
Naphthalene Phenanthrene Pyrene  Batch No: Test: TestCode: Compound	Florida Pe	0.0028 U mg/kg 0.0069 U mg/kg troleum Range Org	1000 1000 ganics(	50 56 <b>C8-C4</b> LCS	LCSD			34-86 imits	1000 As 10	57 ssociated 12678, 10 MS	56 I Samples 02679 MSD	2 RPD	52 QC	8-132 Limits	Dup RPD	Qualifiers
Phenanthrene Pyrene  Batch No: Fest: FestCode: Compound  Parent Sample Number	Florida Pe	0.0028 U mg/kg 0.0069 U mg/kg troleum Range Org	1000 1000 ganics(	50 56 <b>C8-C4</b> LCS	LCSD			34-86 imits	1000 As 10	57 ssociated 12678, 10 MS %Rec	56 I Samples 02679 MSD %Rec	2 RPD	52 QC	8-132 Limits	Dup RPD	Qualifiers
Naphthalene Phenanthrene Pyrene  Batch No: Fest: FestCode: Compound  Parent Sample Number Date Extracted	Florida Pe	0.0028 U mg/kg 0.0069 U mg/kg troleum Range Org	1000 1000 ganics(	50 56 <b>C8-C4</b> LCS	LCSD			34-86 imits	1000 As 10	57 ssociated 12678, 10 MS %Rec	56 I Samples 02679 MSD %Rec	2 RPD	52 QC	8-132 Limits	Dup RPD	Qualifiers
Naphthalene Phenanthrene Pyrene  Batch No: Fest: FestCode: Compound  Parent Sample Number Date Extracted Date Analyzed	Florida Pe	0.0028 U mg/kg 0.0069 U mg/kg troleum Range Org Blank	1000 1000 ganics(	50 56 <b>C8-C4</b> LCS	LCSD			34-86 imits	1000 As 10	57 ssociated 12678, 10 MS %Rec	56 I Samples 02679 MSD %Rec	2 RPD	52 QC	8-132 Limits	Dup	Qualifiers
Phenanthrene Phenanthrene Pyrene  Batch No: Fest: FestCode: Compound  Parent Sample Number Date Extracted Date Analyzed C-39 (40-140)	Florida Pe	0.0028 U mg/kg 0.0069 U mg/kg troleum Range Org Blank	1000 1000 ganics(	50 56 <b>C8-C4</b> LCS	LCSD			34-86 imits	1000 As 10	57 ssociated 12678, 10 MS %Rec	56 I Samples 02679 MSD %Rec	2 RPD	52 QC	8-132 Limits	Dup RPD	Qualifiers
Naphthalene Phenanthrene Pyrene  Batch No: Fest: FestCode: Compound  Parent Sample Number Date Extracted Date Analyzed C-39 (40-140) D-Terphenyl (40-140)	Florida Pe	0.0028 U mg/kg 0.0069 U mg/kg  troleum Range Org  Blank  3/24/2010 U 3/25/2010 U 50 %	1000 1000 ganics(	50 56 <b>C8-C4</b> LCS	LCSD			34-86 imits	1000 As 10	57 ssociated 12678, 10 MS %Rec	56 I Samples 02679 MSD %Rec	2 RPD	52 QC	8-132 Limits	Dup RPD	Qualifiers
Paphthalene Phenanthrene Pyrene  Batch No: Fest: FestCode: Compound  Parent Sample Number Date Extracted Date Analyzed C-39 (40-140) D-Terphenyl (40-140) Petroleum Range Organ	Florida Pe	0.0028 U mg/kg 0.0069 U mg/kg  troleum Range Org  Blank  3/24/2010 U  5/25/2010 U  50 % 59 %	1000 1000 qanics(u	50 56 <b>C8-C4</b> LCS %Rec	LCSD %Rec	%	RPD	34-86	MS Spike	57 ssociated 22678, 10 MS %Rec 102445 72 ssociated	56 d Samples 12679 MSD %Rec 102445	2 RPD %	QC RPD	8-132 Limits MS	Dup RPD	Qualifiers
Paphthalene Phenanthrene Pryrene  Batch No: Fest: Fest: FestCode: Compound  Parent Sample Number Date Extracted Date Analyzed C-39 (40-140) Fertroleum Range Organ  Batch No: Fest:	Florida Per FIPro-s  nics  D4430  Volatile Or	0.0028 U mg/kg 0.0069 U mg/kg  troleum Range Org  Blank  3/24/2010 U  5/25/2010 U  50 % 59 %	1000 1000 ganics(u LCS Spike	50 56 C8-C4 LCS %Rec	LCSD %Rec	%	RPD	34-86	MS Spike	57 ssociated 22678, 10 MS %Rec 102445	56 d Samples 02679 MSD %Rec 102445	2 RPD %	QC RPD	8-132 Limits MS	Dup	Qualifiers
Paphthalene Phenanthrene Pyrene  Batch No: Fest: FestCode: Compound  Parent Sample Number Date Extracted Date Analyzed C-39 (40-140) Petroleum Range Organ  Batch No: Fest: FestCode:	Florida Pe FIPro-s  D4430	0.0028 U mg/kg 0.0069 U mg/kg  troleum Range Org  Blank  3/24/2010 U 50 % 59 % 4.8 U mg/kg	1000 1000 ganics(u LCS Spike	50 56 C8-C4 LCS %Rec	LCSD %Rec	%	RPD	34-86 imits LCS	1000  As 1000  MS Spike  850  As 100	57 ssociated 22678, 10 MS %Rec 102445 72 ssociated	56 d Samples D2679 MSD %Rec 102445 65 d Samples	2 RPD %	QC RPD	8-132 Limits MS	Dup RPD	Qualifiers  Qualifiers
Naphthalene Phenanthrene Pyrene  Batch No: Test: Test: TestCode: Compound  Parent Sample Number Date Extracted Date Analyzed C-39 (40-140) D-Terphenyl (40-140) Petroleum Range Organ  Batch No: Test: TestCode: Compound	Florida Per FIPro-s  nics  D4430  Volatile Or	0.0028 U mg/kg 0.0069 U mg/kg  troleum Range Org  Blank  5/24/2010 U 5/25/2010 U 50 % 59 % 4.8 U mg/kg  rganic Compounds	1000 1000 ganics( LCS Spike 850 (BTEX	50 56 C8-C4 LCS %Rec	LCSD %Rec	% 8	25QC Li	34-86 imits LCS 63-143	1000  As 1000  MS Spike  850  As 100	57 ssociated 2678, 10 MS %Rec 102445 72 ssociated 22679 MS	56 d Samples D2679 MSD %Rec 102445 65 d Samples	RPD %	52QC RPD 25	8-132 Limits MS	RPD	
Paphthalene Phenanthrene Pyrene  Batch No: Fest: FestCode: Compound  Parent Sample Number Date Extracted Date Analyzed C-39 (40-140) Petroleum Range Organ  Batch No: Fest: FestCode: Compound	Florida Per FIPro-s  nics  D4430  Volatile Or	0.0028 U mg/kg 0.0069 U mg/kg  troleum Range Org  Blank  5/24/2010 U 5/25/2010 U 50 % 59 % 4.8 U mg/kg  rganic Compounds	1000 1000 ganics( LCS Spike 850 (BTEX	50 56 C8-C4 LCS %Rec	LCSD %Rec	% 8	25QC Li	34-86 imits LCS 63-143	1000  As 1000  MS Spike  850  As 100	57 ssociated 2678, 10 MS %Rec 102445 72 ssociated 22679 MS	56 d Samples D2679 MSD %Rec 102445 65 d Samples	RPD %	52QC RPD 25	8-132 Limits MS	RPD	
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Naphthalene Phenanthrene Pyrene  Batch No: Fest: FestCode: Compound  Parent Sample Number Date Extracted Date Analyzed C-39 (40-140) Petroleum Range Organ  Batch No: Fest: FestCode: Compound  Parent Sample Number Toluene-d8 (49-134)  Benzene	Florida Per FIPro-s  nics  D4430  Volatile Or	0.0028 U mg/kg 0.0069 U mg/kg  troleum Range Org  Blank  5/24/2010 U 5/25/2010 U 50 % 59 % 4.8 U mg/kg  rganic Compounds  Blank	1000 1000 1000 ganics( LCS Spike 850 (BTEX	50 56 C8-C4 LCS %Rec	LCSD %Rec	8 RPD %	25QC Li RPD	34-86  imits LCS  63-143	1000  As 1000  MS Spike  850  As 100	57 ssociated 2678, 10 MS %Rec 102445 72 ssociated 22679 MS	56 d Samples D2679 MSD %Rec 102445 65 d Samples	RPD %	52QC RPD 25	8-132 Limits MS	RPD	
Paphthalene Phenanthrene Pyrene  Batch No: Fest: FestCode: Compound  Parent Sample Number Date Extracted Date Analyzed C-39 (40-140) D-Terphenyl (40-140) Petroleum Range Organ  Batch No: Fest: FestCode: Compound  Parent Sample Number Foluene-d8 (49-134) Benzene Ethylbenzene	Florida Per FIPro-s  nics  D4430  Volatile Or	0.0028 U mg/kg 0.0069 U mg/kg  troleum Range Org  Blank  5/24/2010 U 50 % 59 % 4.8 U mg/kg  rganic Compounds  Blank  Blank	1000 1000  ganics(  LCS Spike  850  (BTEX  LCS Spike	50 56 C8-C4 LCS %Rec	LCSD %Rec	8 RPD %	25QC Li RPD	34-86  imits LCS  63-143	1000  As 1000  MS Spike  850  As 100	57 ssociated 2678, 10 MS %Rec 102445 72 ssociated 22679 MS	56 d Samples D2679 MSD %Rec 102445 65 d Samples	RPD %	52QC RPD 25	8-132 Limits MS	RPD	
Naphthalene Phenanthrene Pyrene  Batch No: Test: Test: TestCode: Compound  Parent Sample Number Date Extracted Date Analyzed C-39 (40-140) D-Terphenyl (40-140) Petroleum Range Organ  Batch No: Test: TestCode: Compound  Parent Sample Number Toluene-d8 (49-134) Benzene Ethylbenzene MTBE	Florida Per FIPro-s  nics  D4430  Volatile Or	0.0028 U mg/kg 0.0069 U mg/kg  troleum Range Org  Blank  5/24/2010 U 50 % 59 % 4.8 U mg/kg  rganic Compounds  Blank  Blank	1000 1000  ganics(d  LCS Spike  850  (BTEX  LCS Spike	50 56 56 C8-C4 LCS %Rec	LCSD %Rec 64  E)  LCSD %Rec 107 128	8 RPD %	25 OC Li RPD 13 8 18	34-86  imits LCS  63-143  imits LCS  83-127 82-129	1000  As 1000  MS Spike  850  As 100	57 ssociated 2678, 10 MS %Rec 102445 72 ssociated 22679 MS	56 d Samples D2679 MSD %Rec 102445 65 d Samples	RPD %	52QC RPD 25	8-132 Limits MS	RPD	
Naphthalene Phenanthrene Pyrene  Batch No: Test: TestCode: Compound  Parent Sample Number Date Extracted Date Analyzed C-39 (40-140) D-Terphenyl (40-140) Petroleum Range Organ  Batch No: Test: TestCode: Compound  Parent Sample Number Toluene-d8 (49-134) Benzene Ethylbenzene  MTBE Toluene Toluene Toluene Toluene Toluene Tolai Xylenes	Florida Per FIPro-s  nics  D4430  Volatile Or	0.0028 U mg/kg 0.0069 U mg/kg  troleum Range Org  Blank  3/24/2010 U 50 % 59 % 4.8 U mg/kg  rganic Compounds  Blank  113 % 0.0007 U mg/kg 0.0008 U mg/kg 0.0008 U mg/kg	1000 1000 1000 ganics(d LCS Spike 850 (BTEX LCS Spike 100 100 100	50 56 56 C8-C4 LCS %Rec	LCSD %Rec  64  E)  LCSD %Rec  107 128 94	8 RPD %	25 OC Li RPD 13 8 18	34-86  imits LCS  63-143  imits LCS  83-127 82-129 62-152	1000  As 1000  MS Spike  850  As 100	57 ssociated 2678, 10 MS %Rec 102445 72 ssociated 22679 MS	56 d Samples D2679 MSD %Rec 102445 65 d Samples	RPD %	52QC RPD 25	8-132 Limits MS	RPD	



## **Quality Control Data**

**Project Number** 

100524.08

Environmental Consulting & Technology

Project Description

Cosentino-Phase II

May 28, 2010

\* indicates value is outside control limits for %Recovery or greater than acceptance criteria for RPD

Footnotes

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Compound was analyzed for but not detected.

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100524.08	SunLabs, Inc. Chain of Custody
COSENTIAL PLANT	Nº 24683

e-inaii. iiilo@ouricabsiiic.com www.ouricabsiiic.com	6-111		K N / NA		Proper containers and preservatives?	(	
Phone: 813-881-9401 / Fax: 813-84-4661			) <u> </u>		Are vials head-space free?	Received on Ice $(y)$ / N / NA	Received
SunLabs, Inc.  5460 Beaumont Center Blvd Suite 520 Tampa Florida 33634	5460 Be	_	Z Z X	ses?	Sufficient volume for all analyses?	- 1	4.4
		7.	Z Z ₹	?	Samples within holding times?	Temp upon receipt 2.5°C	Temp upor
100 1 Shuli 9-40	40 FX		z z		Sample containers intert?	١I	Internal Use Only
Relinquished To: Date: Time:	Relinquished By:	Reling	Z	2	Custody Seals intact?	W = Water (Blanks)	GW = Ground Water
	ECI, TWC		Ŏ <u>`</u> È	è	Custody Seals present?	SW = Surface Water	DW = Drinking Water
1- tooks // S/21/10/15 8	からんが	The tax	)		Sample Condition Upon Receipt:	SOL = Solid	A = Air
Relinquished To: Date; Time:	Relinquished By:	١.	Kopoll 0605 0100 1958	01-60 19	Internal Use Only 85%	SO = Soil	Matrix Codes:
7	i		Specify)	O = Other (Specify)	B = Sodium bisuffte + Ice		S = Soil Jar
1/2/10/R15	74	_ _	T = Sodium thiosulfate + ice	T = Sodium	N = Nitric Acid + Ice	O = Other (Specify)	P = Plastic
,	Relinquished By:	Reling	VS = MeOH, OFW, + Ice	VS = MeOH	l = Ice only	T = Tedlar Bag	GA = Glass Amber
,	ACCIVA ACCIVA		Acid + Ice	S = Sulfuric Acid + Ice	H = Hydrochloric Acid + Ice	GVS = Low Level Volatile Kit	GV = Glass Vial
0 1100 5/20/10/100					Preservative Codes:	<b>,</b> , , , , , , , , , , , , , , , , , ,	Bottle Type Codes:
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UNRETURNED SAMPLES AND TO RETURN UNUSED SAMPLES.	UNRETUR		40	SCIPPO	JANIEL K.	/Dema 5/21/10	7
SUNLABS, INC. RESERVES THE RIGHT TO BILL FOR DISPOSAL OF UNUSED/	SUNLABS, INC. I		3		Printed Name / Affiliation:	/Toate:	Sample Signature
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Length of Record Retention if							
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Due Date Requested*:	(''	+					
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**Soil Boring Logs** 

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Project &	& Task#	<b>‡</b> :		10-0443/02	200			Boring #	¥;	SB-West		Sheet	1 of 1	
Date: Project N	May 2						Contractor	ECT, IN	VC.	•	Drilling Me			•
"Cosen			•				Driller: D. S	Scinno/1	C	oloman	<del>                                     </del>	<del>/</del>		A DPT
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s T	S I	В	С	DEPTH	s		Carr. Elev.	10.0	_		REENING/			
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Backfill)			- , ~"	•	ner S	pecify: Backfill	w/soil cutti	nas		td. 1 (ppm): td. 2 (ppm):				
¹ <b>SPT-</b> std p			ı	HSA -hollow ste			d stem auger			OVA used, re	eport readin	gs as fol	lows:	
MR-mud ro				OPT-direct pus		•	BA -bucke	I .	`		otal - Filt	_		
				moist,	wet,	ool & written), grain si saturated), density/c	onsistency,	contacts (	gra	ponents (in dational or	%), moistur sharp).	e conten	t (dry, m	1
<sup>4</sup> Gene.	ral obse versi	rvati is pe	ion i trol	notes to inclu	ide (	at a minimum) depth oil discoloration or st	to ground w	ater, prese	nc	e of odors (d	distinguish i	between ample int	natural o ervals.	rganics

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Date: Project	May 2 Name/De	1, 2	010	) n:				Contractor:	ECT, INC	<b>:</b> .	Drilling Me SPT ( HSA			ne) BA DI	от
1	ntino Pr	•						Driller: D. Sc	inno/J. C	oleman	Drilling Rig	/		יע אט	<i>-</i> 1
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<sup>1</sup> SPT-std <sub> </sub> MP-mud n		test		HSA -hollow ste		-	SSA -soli	d stem auger	<b>I</b>	OVA used, re					į
MR-mud n <sup>2</sup> Soil de		n to		DPT-direct pus lude: USCS (s	symi	bol & written	), grain s	BA -bucket a ize, color, sec	ondary cor	nponents (in	OTAL - FILT %), moistui	ERED e cont	= NET ent (dry,	moist, v	rery
	rai obse	rvati	on i	moist, notes to inclu	wet ide (	, saturated), 'at a minimu	density/c m) depth	onsistency, c to ground war	ontacts (gr er, present	adational or ce of odors (e	sharp). distinguish i	betwee	en natura	l organic	1
	verst	s ne	trol	<u>eum organic:</u>	S), S	ou aiscolora	<u>τιοη or st</u>	aining, free pr	oduct, per	cent recover	of cored sa	mole	intervals	_	1

		Ē	3(	GT		\$	SOIL	B	ORI	NG L	0G			
Project &	% Task #	:		10-0443/02	200			Во	oring #:	SB-North		She	et 1 of 1	
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Naples	, Collie	r Co		ty, FL 3412	20		Surf. Elev:	1:	3.5	ft	Logged by:		DVS	
STAY MP PE	S I A N M T P	B L O W	C O U N	DEPTH SCALE (feet below land surface)	S Y M B	LITHOLOGIC DESCR	RIPTION OF		ERIALS	OVA MEAS	t (Circle)		GENEI OBSERV NOTE	ATION
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Well Insta						Y d	or (N)			Time:		<u> </u>		
Abandon Backfill)			d(Cii	•	her <sup>c</sup>	Specific Docksii	w/eail aut	tinas		Std. 1 (ppm):				
SPT-std			•	HSA -hollow st			w/soil cut			Std. 2 (ppm): f OVA used, r		ine a	e follower	
MR-mud r				DPT-direct put		-	BA -buck		- 1		eport readir. OTAL - FILT			
				moist,	wet	bol & written), grain s t, saturated), density/c	ize, color, s onsistency	secon /, con	dary co tacts (g	mponents (in radational or	%), moistu sharp).	re coi	ntent (dry,	
⁴ Gene	ral obse versu	rvat is p	ion . etroi	notes to inclu leum organic	ude ( s), s	(at a minimum) depth oil discoloration or st	to ground i aining, free	water,	, presen luct, per	ice of odors ( cent recover	distinguish y of cored s	betwe ample	een natura e intervals.	l organics



### **APPENDIX C**

**Phase II Photographs** 



View of drum area from south



View of drum area from north

SITE PHOTOGRAPHS COSENTINO PROPERTIES - PHASE II ESA **CONSERVATION COLLIER PROGRAM** 

2021 RIVERS ROAD, NAPLES, COLLIER COUNTY, FLORIDA 34120

Source: ECT, 2010

