
**PHASE I ENVIRONMENTAL SITE ASSESSMENT
LAKE GROVE
913 NORTH SUMMIT STREET
CRESCENT CITY, FLORIDA 32112
MAIL CODE ID: FL8-095
PROPERTY ID: FL8-095
TETRA TECH PROJECT NO. 103P2210119**



Prepared for

Bank of America, N.A.
525 North Tryon Street
NC1-023-09-01
Charlotte, North Carolina 28255

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Prepared by

Tetra Tech, Inc.
712 Melrose Avenue
Nashville, Tennessee 37211

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EXECUTIVE SUMMARY

This Phase I Environmental Site Assessment (ESA) was conducted by Tetra Tech, Inc. (Tetra Tech) for Bank of America, N.A. (BANA). This Phase I ESA was performed in general accordance with the Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM International (ASTM) Designation: E 1527-13, for the Lake Grove facility herein referred to as the “Site,” located at 913 North Summit Street, in Crescent City, Florida.

Tetra Tech conducted Phase I ESA activities in October 2014. The Site is an approximate 0.92-acre parcel of land improved with an approximate 1,008-square foot one-story commercial bank building constructed in 1975. The remainder of the Site consists of covered automated teller machine (ATM)/drive-through lanes, paved parking, grassed areas, and landscaped areas. Based on review of historical documentation, the Site was agricultural land (orchards) prior to the development of the current building.

Findings and Opinions

Typical cleaning and maintenance supplies in containers of 5-gallons or less were observed in the building. No leaks, spills, stains, or pools of liquid were observed in association with the containers; therefore, the containers do not represent recognized environmental conditions (RECs) to the Site.

Minor staining from automotive fluids and vehicular traffic was observed on the paved parking lot. The staining is considered de minimis.

The Coin-O-Magic facility, located at 921 North Summit Street, is listed as a Drycleaners, Priority Cleaners, Florida Department of Environmental Protection (FDEP) Department of Waste Management Contamination (DWM CONTAM), and Environmental Data Resources (EDR) US Historical Cleaners facility. The facility is located approximately 170-feet to the northwest of the Site, in the adjacent shopping center. According to a site screening report completed for the facility in 1998, a soil sample collected at the facility, in 1997, identified groundwater contamination of 1.7 micrograms/Liter ($\mu\text{g/L}$) of tetrachloroethylene (PCE). Other than potable well survey’s conducted in 2006 and 2014 for wells in the vicinity of the Site, the last correspondence retained at the FDEP for the facility is an eligibility letter for state administered cleanup under the Drycleaning Solvent Cleanup Program. The facility was identified in city directories dating back to 1992. Based on the known contamination associated with the facility,

limited information regarding soil and groundwater impact, and proximity to the Site, the facility was considered an off-Site concern.

Based on the off-Site concern, Tetra Tech completed a Limited Phase II ESA and issued a report on March 3, 2015. The limited subsurface assessment was completed to assess potential soil gas concerns associated with the off-Site drycleaner. Three soil gas samples were collected near the on-Site building. Soil and groundwater samples were not collected for analysis. Multiple Volatile Organic Compounds (VOCs) were detected above the laboratory reporting limit (RL); however, the VOCs were below the U.S. EPA Office of Solid Waste and Emergency Response (OSWER) General Screening Levels. Based on the results, vapor intrusion was not considered a concern and no further assessment was recommended.

Asbestos sampling and analysis was not included in the scope of work and no prior asbestos reports were provided for review. Based on Tetra Tech's site visit and limited observations, damaged suspect asbestos-containing floor tile was observed in the break room.

Conclusions

This assessment has not revealed evidence of RECs in connection with the Site.

SECTION 1 INTRODUCTION

On September 16, 2014, Tetra Tech was authorized by Bank of America, N.A. (BANA) to conduct a Phase I Environmental Site Assessment (ESA) of the Lake Grove facility herein referred to as the “Site,” located at 913 North Summit Street in Crescent City, Florida (see Site Location Map, Site Layout Map, Aerial Photograph, and Parcel Map in Section 9.1). The Site is an approximate 0.92-acre parcel of land improved with an approximate 1,008-square foot commercial bank building constructed in 1975 and associated parking and landscaping improvements.

1.1 PURPOSE

The goal of this ESA is to identify whether recognized environmental conditions (RECs), controlled recognized environmental conditions (CRECs), historical recognized environmental conditions (HRECs), or *de minimis* conditions are present on the Site. RECs are the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: 1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. The term is not intended to include *de minimis* conditions that generally do not present a threat to human 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. Conditions determined to be *de minimis* conditions are not RECs nor CRECs (Section 1.1.1, Section 3.2.22, and Section 3.2.78 E 1527-13, ASTM International [ASTM] 2013). CRECs are recognized environmental conditions resulting from a past release of hazardous substances or petroleum products that have been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls. A CREC is also considered a REC (Section 3.2.18, E 1527-13, ASTM 2013). HRECs are a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (Section 3.2.42 E 1527-13, ASTM 2013).

1.2 INVOLVED PARTIES

This report has been prepared for the exclusive use of BANA. BANA is the only party that has been involved in defining the scope of services provided by Tetra Tech to exercise due diligence and evaluate potential site environmental risks. BANA is the only intended beneficiary of this report. Reliance on this report by parties other than BANA may result in reliance on assumptions whose extent and nature could distort the meaning and impact of the estimates given in this report. This could result in misinterpretation of these estimates and unwise actions based on those misinterpretations. As such, no party, except BANA, should rely upon estimates for the potential of hazardous materials to exist at the Site. With the consent of BANA, Tetra Tech is available to work with other parties in developing probability estimates, given other parties unique risk management concerns. The guidelines used to evaluate the potential hazardous substances and petroleum products which may affect the site were obtained from the ASTM Standard of Practice E 1527-13. For the purposes of this report, the vicinity of the Site is defined as properties located within approximately 500 feet of the Site.

1.3 SCOPE OF WORK

The scope of work (SOW), based on ASTM E 1527-13 Environmental Site Assessments: Phase I Environmental Site Assessment Process, is to identify whether RECs or CRECs are present on the Site. Phase I ESAs typically are conducted in a four-phase process, including: records review; Site reconnaissance; interviews with current owners, and occupants of the Site, and local government agencies; and preparation of a report.

Deviations from ASTM 1527-13 are described in Section 5.3. Report limitations are provided in Section 6.

In addition to the Site visit, readily available resources including soil surveys, Site maps, aerial photographs, U.S. Geological Survey (USGS) topographic maps, and regulatory records were reviewed. A listing of referenced documents utilized during this assessment is provided in Section 7.

The sampling and analysis of asbestos, radon, mold, lead paint, lead-in-water, soil and groundwater samples, the evaluation of wetlands, indoor or outdoor air quality, regulatory compliance, industrial hygiene, or noise impacts were beyond the scope of this evaluation. Similarly, the identification of

endangered or protected plant and animal species or historical and archaeological areas was beyond the scope of this assessment, as were the identification and evaluation of geological or geotechnical hazards.

SECTION 2

GENERAL SITE CHARACTERISTICS

This section provides a brief description of the Site and adjoining facilities. Observations regarding the current land use of the Site and adjoining facilities made during the Site reconnaissance are described below.

2.1 SITE OWNERSHIP AND LOCATION

According to the Putnam County Property Appraiser, the Site is owned by Peoples Bank of Crescent City and the parcel number is 19-12-28-3350-0430-0010. The parcel map is included as Figure 4 in Section 9.1. The Site is located at 913 North Summit Street in Crescent City, Putnam County, Florida.

2.2 ADJACENT PROPERTIES

The Site and vicinity are located in an area of residential, medical, and light commercial facilities. The use of the adjacent properties is summarized in the table below.

ADJACENT USES	
North	Retail shopping center including Family Dollar, Beall's Outlet, Laundromat, Island Doctors, and Save-A-Lot grocery store
East	Undeveloped land with North Summit Street followed by Crescent City Animal Clinic and Reiter Insurance Agency beyond
South	Grove Avenue followed by Community Pharmacy and Medical Center and Crescent Lake Apartments
West	An asphalt parking lot followed by residential homes

Additional commercial and residential properties are located beyond the facilities listed above (see Site Layout Map in Section 9.1).

2.3 SITE DESCRIPTION AND CURRENT USES/OPERATIONS

The Site is improved with an approximate 1,008-square foot single-story structure constructed of concrete block and stucco. The building was constructed in 1975. Six automated teller machine (ATM)/drive-through lanes are attached to the south side of the building. The interior of the building is finished with carpeting, vinyl flooring, drywall, ceiling tiles, and fluorescent lighting. The remainder of the Site consists of asphalt-paved parking areas, concrete sidewalks, grassed areas, and landscaped areas.

Air conditioning and heating is provided by a roof-mounted electric unit. Florida Power and Light (FPL) provides electric service at the Site. Domestic water, sanitary, and storm sewer services are provided by Crescent City.

2.4 FORMER SITE USES/OPERATIONS

According to the historical information reviewed, the Site was agricultural land (orchards) prior to the development of the current Site building in undeveloped land prior to the construction of the current building and associated improvements in 1975.

SECTION 3 ENVIRONMENTAL SETTING

3.1 REGIONAL PHYSIOGRAPHIC CONDITIONS

According to the USGS 7.5-minute series Crescent City, Florida Topographic Quadrangle Map, the Site is approximately 50 feet above mean sea level (MSL) and is relatively flat with no significant sloping. Storm water flows via sheet flow toward adjacent roadways and storm water drains located in the parking area of the shopping center adjacent to the north.

3.2 SOIL CONDITIONS

According to the U.S. Department of Agriculture, Natural Resources Conservation Service's Web Soil Survey (websoilsurvey.nrcs.usda.gov), the soils on the Site are primarily of the Candler fine sand. The Candler series consists of excessively drained soils that formed from eolian deposits and/or sandy loamy marine deposits on knolls and ridges of marine terraces.

3.3 GEOLOGIC CONDITIONS

The Site is located within an area of undifferentiated sediments of the Pleistocene/Holocene age. Undifferentiated sediments consist of varying thicknesses of siliciclastics, organics, and freshwater carbonates.

3.4 SURFACE WATER AND GROUNDWATER CHARACTERISTICS

No surface water bodies were observed on the Site. Crescent Lake is located 1,500-feet to the east of the Site.

Based on surface topography, as interpreted from the USGS topographic quadrangle map, the groundwater in the immediate area of the Site is assumed to flow to the east towards the Crescent Lake. The actual groundwater flow direction may be locally influenced by factors such as surface topography, underground structures, oil and gas extraction, seasonal fluctuations, soil and bedrock geology, water wells, and other factors. Determination of the groundwater conditions at the Site is beyond the scope of this study.

SECTION 4 RESULTS OF ASSESSMENT

The Site visit was conducted on October 20, 2014, by Ms. Kathryn Minter, a Tetra Tech Geologist. At the time of the Site visit, the weather was clear and visibility was good. The Site visit consisted of a walk-through of the on-Site structure and observations of the perimeter area of the Site to determine the presence of possible fuel tanks, drums, or other objects of environmental concern.

The Site grounds and the building interior were accessible for the reconnaissance. Ms. Alicia Ramirez, Teller, granted access to the Site and accompanied Ms. Minter during the Site reconnaissance. Photographic documentation of the Site reconnaissance is presented in Section 9.2.

4.1 SITE ASSESSMENT OBSERVATIONS

Underground Storage Tanks (USTs) and Aboveground Storage Tanks (ASTs)

Evidence of USTs (fill pipes, vent pipes, etc.) and ASTs was not observed at the time of the Site visit. According to the Environmental Data Resources, Inc. (EDR) Radius Map report, the Site is not listed on the UST or AST databases.

Hazardous Substances and Petroleum Products

Typical cleaning and maintenance supplies in containers of 5-gallons or less were observed in the building. No leaks, spills, stains, or pools of liquid were observed in association with the containers; therefore, the containers do not represent RECs.

Unlabeled Drums/Containers

Unlabeled drums or containers were not observed at the time of the Site visit.

Staining/Corrosion

Minor staining from automotive fluids and vehicular traffic was observed on the paved parking lot. The staining is considered de minimis.

Stressed Vegetation

No areas of dead, distressed, discolored, or stained vegetation that may be indicative of RECs were observed on the Site.

Electrical Transformers/Equipment

Two pole-mounted transformers were observed adjacent to the south of the Site. Evidence of a release was not observed in association with the electrical transformers; therefore, they are not considered a REC.

Drywells, Sumps, Catch Basins, and Floor Drains

Drywells, catch basins, floor drains, and sumps were not observed at the time of the Site visit.

Pits, Ponds, Lagoons, and Pools of Liquid

No pits, ponds, or lagoons likely to contain hazardous substances, petroleum products, or waste were observed on the Site or adjoining facilities.

Wells

Evidence of irrigation, drinking water, or groundwater monitoring wells was not observed at the time of the Site visit.

Solid Waste

No landfills, dumps, or evidence of burial activities were observed at the Site. No evidence of hazardous waste or non-hazardous waste disposal activities was observed at the Site at the time of the Site reconnaissance.

A solid waste dumpster was observed on the northwest corner of the Site and is serviced weekly by Waste Pro. Evidence of a release was not observed in the vicinity of the dumpster.

Process Wastewater

Process wastewater was not observed at the time of the Site visit.

Septic System/Sewer

Evidence of a septic system was not observed at the time of the Site visit.

The Site is connected to the Crescent City sewer system.

Source of Potable Water

The Site is connected to the Crescent City water system.

Heating and Cooling Systems

Air conditioning and heating is provided by roof-mounted electric units.

Other Observations

Other potential environmental concerns were not observed at the time of the Site visit.

4.2 STANDARD ENVIRONMENTAL RECORD SOURCES

Federal, state, and local records were reviewed to assess whether the Site or facilities within the approximate minimum search distance have experienced significant unauthorized releases of hazardous substances or other events with potentially adverse environmental effects. EDR performed a database search of the Site in general accordance with current ASTM standards. A copy of this report is included as Section 9.3.

The databases searched have been developed and are updated by federal, state, and local agencies. While these databases are typically reliable and comprehensive, there have been cases where the data presented are out of date and no longer reflective of actual facility conditions. The Government Records Searched/Data Currency Tracking section of the EDR Radius Map report in Section 9.3 identifies when each database was updated.

The Site was not identified on the databases searched by EDR.

The following facilities were identified within the minimum ASTM-specified search distances in the Environmental Data Resources (EDR) Radius Map Report: one Comprehensive Environmental Response, Compensation, and Liability Act Information System (CERCLIS) No Further Remedial Activity Planned (NFRAP) facility; one Resource Conservation and Recovery Act (RCRA) Conditionally Exempt Small Quantity Generator (CESQG) facility; one Solid Waste Landfill Facilities / Landfill Sites (SWF/LF); one Underground Storage Tank (UST) facility; one Open Dump Inventory (ODI) facility; one Priority Cleaners facility; one Florida Drycleaners facility; one Florida Department of Environmental Protection (FDEP) Department of Waste Management Contamination (DWM CONTAM) facility; and

one EDR US Historical Cleaners facility. Off-Site facilities of potential concern are discussed in detail below.

- The Coin-O-Magic, located at 921 North Summit Street, is listed as a Drycleaners, Priority Cleaners, DWM CONTAM, and EDR US Historical Cleaners facility. The facility is located approximately 170-feet to the northwest of the Site, in the adjacent shopping center. The facility is listed as in the EDR US Historical Cleaners database as Coin O Magic Laundromat from 2006 to 2011. However, the Drycleaners database indicates that the facility dates back to 1997. The DWM CONTAM database lists the facility as a Drycleaning facility within the Northeast District (NED) of the FDEP. Tetra Tech researched the facility on the FDEP's Oculus database (<http://depedms.dep.state.fl.us/Oculus/servlet/login>) to obtain any available regulatory documentation for the facility. The only documents available were potable water well survey's conducted in 2006 and 2013 which did not identify any small public or private water wells within one-quarter mile of the Site or large wells (>150,000 gallons per day) within one-half mile of the Site. The search did not identify any compliance/enforcement documents. Tetra Tech also contacted the FDEP NED to determine if the DWM CONTAM listing indicates that there is known contamination associated with the facility and, if present, the extent of contamination. According to Mr. Darrin A. McKeehen, FDEP Brownfields Coordinator, the facility is listed with known contamination and he asked Ms. Roxanne Smith, Office Administrator to send a link to all available FDEP records. According to a site screening report completed for the facility in 1998, a soil sample collected at the facility, in 1997, identified groundwater contamination of 1.7 micrograms/Liter ($\mu\text{g/L}$) of tetrachloroethylene (PCE). Other than potable well survey's conducted in 2006 and 2014 for wells in the vicinity of the Site, the last correspondence retained at the FDEP for the facility is an eligibility letter for state administered cleanup under the Drycleaning Solvent Cleanup Program. The facility was identified in city directories dating back to 1992. Based on the known contamination associated with the facility, limited information regarding soil and groundwater impact, and proximity to the Site, the facility was considered an off-Site REC.
- Based on regulatory status, topographic gradient, or distance from the Site, the remaining EDR-listed facilities do not represent a REC.

The EDR Radius Map report identified 18 facilities that may be in the vicinity of the Site but that could not be properly mapped. Using visual reconnaissance performed during the Site visit and internet research, Tetra Tech determined that the orphan facilities were not located within the ASTM-specified minimum search distances.

Based on the off-Site concern, Tetra Tech completed a Limited Phase II ESA and issued a report on March 3, 2015. The limited subsurface assessment was completed to assess potential soil gas concerns associated with the off-Site Coin-O-Magic drycleaner. Three soil gas samples were collected near the on-Site building. Soil and groundwater samples were not collected for analysis. Multiple Volatile Organic Compounds (VOCs) were detected above the laboratory reporting limit (RL); however, the VOCs were

below the U.S. EPA Office of Solid Waste and Emergency Response (OSWER) General Screening Levels. Based on the results, vapor intrusion was not considered a concern and no further assessment was recommended.

4.3 RESULTS OF SITE HISTORY/LAND USE REVIEW

Historical data regarding the Site and surrounding area were gathered to determine past uses and evaluate visible environmental issues that may constitute concerns. The following sections describe the information available for the Site.

4.3.1 Personnel Site Interviews

Tetra Tech provided a property management questionnaire to Mr. Kevin Kogge, Property Manager with Lincoln Harris, property management company. The Property Manager was not aware of environmental issues at the Site. Mr. Kogge is considered to be the key Site manager. Mr. Kogge has been associated with the Site for two years. He/ is not aware of (1) any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the Site; (2) any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the Site, or (3) any notices from any government entity regarding any possible violations of environmental laws or possible liability relating to hazardous substances or petroleum products.

4.3.2 Municipal File Review

Property Assessor's Office

According to the assessor's office, the current building was constructed in 1975 and consists of an approximate 1,008-square foot single-story structure constructed of concrete block and stucco on a concrete pad.

Fire Department

Tetra Tech contacted the Crescent City Fire Department regarding records of releases of hazardous or petroleum materials at the Site. According to Fire Chief Jason Highfill, he was not aware of any releases or other environmental concerns at the Site or surrounding area.

Other

Other files reviewed were previously discussed in Section 4.2.

4.3.3 Aerial Photographs

Historical aerial photographs were provided by EDR. Additionally, an aerial photograph, dated 2010-2011, was obtained from Bing Web Map Services. The Site appears to be agricultural, orchard land in the 1943 to 1971 aerial photographs. In the 1980 aerial photograph, the Site appears to be developed; however, the quality of the photograph is not sufficient to determine the specific details of the Site. The Site appears similar to current conditions in the remaining aerial photographs.

The surrounding area consists primarily of agricultural, orchard land in the 1943 aerial photograph with roads to the east and south. A new road and residential or commercial structure are depicted to the east of the Site beyond the adjacent roadway. In the 1964 and 1971 aerial photographs, additional commercial and residential structures are depicted to the east. In the 1980 aerial photograph, the commercial shopping center to the north appears to be under development and residential structures are depicted to the west. The surrounding areas appear similar to current conditions in the remaining aerial photographs.

No readily apparent environmental concerns, such as landfills, stockpiled materials, or illegal dumping, were disclosed by reviewing the aerial photographs. The Site was historically utilized for agricultural purposes and herbicides and pesticides may have been used during normal farming practices. The normal use and application of agricultural chemicals generally does not trigger enforcement actions, assessments by regulatory agencies, or the recommendation for further assessment of the Site unless there is evidence which indicates that misuse, dumping, or improper storage of chemicals is present or has occurred. There are no indications of the presence of on-Site agricultural chemical mixing areas or that chemical dumping or improper storage has occurred. Accordingly, Tetra Tech does not consider the historical use of the Site as agricultural land as an environmental condition which warrants further assessment. The EDR Aerial Photo Decade Package is included in Section 9.4. The Bing Maps 2010-2011 aerial photograph is included as Figure 3 in Section 9.1.

4.3.4 Sanborn® Map Report

Sanborn® Maps were not available for the Site from EDR. A copy of the Certified Sanborn® Map Report, indicating “No Coverage” is included in Section 9.4.

4.3.5 City Directories

A City Directory Abstract was provided by EDR and covered the years 1992 through 2013. In the 1992 and 1995 city directories, the current Site address is not listed; however, Barnett Bank of Putnam County is listed at 917 North Summit Street. In 1999, the current Site address is listed as Barnett bank Banking Offices and Barnett Bank is also listed at the 917 North Summit Street address. From 2003 to 2013, the Site address is listed as Bank of America; in 2013, Nations Bank was also listed at the Site address. The 917 North Summit Street address appears to have been a historical address for the Site until the late 1990s when the address was assigned to the shopping center to the north-northwest. Properties listed in the surrounding areas are primarily residential and commercial.

The Coin-O-Magic Laundromat is listed in the city directories searched at 921 North Summit Street beginning in 1992. The facility is located at the address in the remaining city directories reviewed. The facility was discussed in Section 4.1. A copy of the City Directory Abstract Report is included in Section 9.4.

4.3.6 Historical Topographic Maps

Historic topographic maps of the Site for the years 1970, 1980, 1983, and 1994 were provided by EDR and were reviewed for information regarding past uses of the Site. In the 1970 topographic map, the Site is depicted as an orchard. In the remaining topographic maps, a small structure is depicted on the Site. The surrounding area is depicted primarily as agricultural land (orchards) with a road to the east and south of the Site. Commercial and residential properties are depicted to the northwest, west, and east of the Site with agricultural land (orchards) to the north and south in the 1980, 1983, and 1994 topographic maps.

No readily apparent environmental concerns, such as landfills, stockpiled materials, or illegal dumping, were disclosed by reviewing the aerial photographs. The Site was historically utilized for agricultural purposes and herbicides and pesticides may have been used during normal farming practices. The normal use and application of agricultural chemicals generally does not trigger enforcement actions, assessments by regulatory agencies, or the recommendation for further assessment of the Site unless there is evidence which indicates that misuse, dumping, or improper storage of chemicals is present or has occurred. There are no indications of the presence of on-Site agricultural chemical mixing areas or that chemical dumping or improper storage has occurred. Accordingly, Tetra Tech does not consider the historical use of the Site as agricultural land as an environmental condition which warrants further assessment. A copy of the

topographic map report is included in Section 9.4. A copy of the 1994 map is also included in Section 9.1.

4.4 PREVIOUS ENVIRONMENTAL REPORTS

Tetra Tech conducted a Phase I ESA of the Site and issued a report on November 4, 2014. According to the report, a drycleaner with known impact was identified approximately 170 feet to the northwest of the Site. Based on the known contamination associated with the facility, limited information regarding soil and groundwater impact, and proximity to the Site, the facility was considered a concern.

Based on the off-Site concern, Tetra Tech completed a Limited Phase II ESA and issued a report on March 3, 2015. The limited subsurface assessment was completed to assess potential soil gas concerns associated with the off-Site drycleaner. Three soil gas samples were collected near the on-Site building. Soil and groundwater samples were not collected for analysis. Multiple VOCs were detected above the RL; however, the VOCs were below the U.S. EPA OSWER General Screening Levels. Based on the results, vapor intrusion was not considered a concern and no further assessment was recommended. A copy of the Limited Phase II ESA report is included in Section 9.7.

4.5 USER PROVIDED INFORMATION

The following section summarizes information (if any) provided by BANA with regard to the ESA.

4.5.1 Title Records

According to title records provided for the Site, George and Rita Miller, John and Joyce Miller, and James and Betty Miller sold the Site to Peoples Bank of Crescent City in 1974. Title records were not provided for review. A 1986 memo indicates that the property was owned by Barnett Bank of Putnam County in 1986.

4.5.2 Environmental Liens or Activity and Use Limitations

Information regarding environmental liens or activity and use limitations was not provided for review; however, no environmental liens or activity and use limitations were identified in a review of the title documents.

4.5.3 Specialized Knowledge

BANA provided no specialized knowledge regarding RECs associated with the Site.

4.5.4 Commonly Known or Reasonably Ascertainable Information

BANA did not provide any other commonly known or reasonably ascertainable information, with regard to potential RECs.

4.5.5 Valuation Reduction for Environmental Issues

BANA provided no information regarding valuation reduction for environmental issues associated with the Site.

4.5.6 Owner, Site Manager, and Occupant Information

The Site is currently owned by Peoples Bank of Crescent City and occupied by Bank of America.

4.5.7 Reason for Performing Phase I ESA

According to BANA, this Phase I ESA was requested to assess potential environmental concerns.

4.5.8 Other

BANA provided prior asbestos reports for the Site. The reports are summarized in Section 4.6.

4.6 ASBESTOS

Asbestos sampling and analysis was not included in the scope of work and no prior asbestos reports were provided for review.

Based on Tetra Tech's site visit and limited observations, damaged suspect asbestos-containing floor tile was observed in the break room.

4.7 MOLD

Mold sampling and analysis was not included in the scope of work. However, a limited, non-destructive, visual mold assessment was conducted at the Site during the Site reconnaissance. Tetra Tech did not observe evidence of mold or water damage during the Site reconnaissance.

Mold is naturally occurring and levels of fungi will vary with locations and with time. This report was prepared in accordance with generally accepted environmental practice and procedures, the project Scope of Work, and the terms and conditions in the Agreement. Structural areas not assessed as part of the Scope of Work are not covered or commented on in this report. Tetra Tech's comments concerning mold growth do not imply that a complete assessment of mold growth occurred during our performance of the agreed upon scope of work. The assessment stated herein is a professional opinion; no other warranty is expressed or implied.

4.8 RADON

Radon sampling and analysis was not included in the scope of work. However, according to information provided by in the EDR Radius Map report, the Site is located in EPA Radon Zone 3, where average indoor radon levels are generally less than 2 picoCuries per liter (pCi/L).

The EPA has established a recommended “action level” of 4 pCi/L for homes and schools and recommends that buildings with radon levels higher than 4 pCi/L should be repaired. Since there is no known safe level of exposure to radon, EPA also recommends that repairs should be considered for radon levels between 2 pCi/L and 4 pCi/L.

SECTION 5 FINDINGS AND CONCLUSIONS

5.1 KNOWN OR SUSPECT ENVIRONMENTAL CONDITIONS

The following summarizes known or suspect environmental conditions in connection with the Site based on information collected during the ESA. The items may include RECs, CRECs, HRECs, and de minimis conditions.

Typical cleaning and maintenance supplies in containers of 5-gallons or less were observed in the building. No leaks, spills, stains, or pools of liquid were observed in association with the containers; therefore, the containers do not represent RECs.

The Coin-O-Magic facility, located at 921 North Summit Street, is listed as a Drycleaners, Priority Cleaners, DWM CONTAM, and EDR US Historical Cleaners facility. The facility is located approximately 170-feet to the northwest of the Site, in the adjacent shopping center. According to a site screening report completed for the facility in 1998, a soil sample collected at the facility, in 1997, identified groundwater contamination of 1.7 µg/L of PCE. Based on the known contamination associated with the facility, limited information regarding soil and groundwater impact, and proximity to the Site, the facility was considered a concern.

Based on the off-Site concern, Tetra Tech completed a Limited Phase II ESA and issued a report on March 3, 2015. The limited subsurface assessment was completed to assess potential soil gas concerns associated with the off-Site drycleaner. Three soil gas samples were collected near the on-Site building. Soil and groundwater samples were not collected for analysis. Multiple VOCs were detected above the RL; however, the VOCs were below the U.S. EPA OSWER General Screening Levels. Based on the results, vapor intrusion was not considered a concern and no further assessment was recommended.

Based on Tetra Tech's site visit and limited observations, damaged suspect asbestos-containing floor tile was observed in the break room.

5.2 DE MINIMIS CONDITIONS

Minor staining from automotive fluids and vehicular traffic was observed on the paved parking lot. The staining is considered de minimis.

5.3 DEVIATIONS/DATA GAPS

There were no deletions or deviations from ASTM E 1527-13 with the exception of the following:

- Interviews were not conducted with the adjacent property owners or tenants.
- Historical information was not readily available prior to 1943.
- Time gaps of more than 5 years were noted in available historical information.
- An environmental lien search was not requested by the client and was not obtained for the Site.

Tetra Tech does not believe that these deviations impact our ability to render an opinion regarding potential RECs for the Site.

5.4 CONCLUSIONS

Tetra Tech has performed a Phase I Environmental Site Assessment in general conformance with the scope and limitations of ASTM Practice E 1527-13 of the Lake Grove facility, located at 913 North Summit Street, Crescent City, Putnam County, Florida (the Site). Any exceptions to, or deviations from, this practice are described in Section 5.3 of this report. This assessment has not revealed evidence of RECs in connection with the Site.

SECTION 6 LIMITATIONS

This report was compiled based partially on information supplied to Tetra Tech from outside sources and other information in the public domain. The conclusions and opinions herein are based on the information Tetra Tech obtained in compiling the report. This information is on file at Tetra Tech's office. Tetra Tech makes no warranty as to the accuracy of statements made by others that may be contained in this report, nor are any warranties or guarantees, expressed or implied, included or intended by this report. This report has been prepared in accordance with the current generally accepted practices and standards that are consistent with the level of care and skill exercised under similar circumstances by other professional consultants or firms performing the same or similar services. Because the facts forming the basis for the report are subject to professional interpretation, differing conclusions could be reached. Tetra Tech does not assume responsibility for the discovery and elimination of hazards that could possibly cause accidents, injuries, or damage. Compliance with submitted recommendations or suggestions does not ensure elimination of hazards or the fulfillment of client's obligations under local, state, or federal laws or any modifications or changes to such laws. None of the work performed hereunder shall constitute or be represented as a legal opinion of any kind or nature, but shall be a representation of findings of fact from records examined.

Estimates and professional opinions are based upon information derived from the Site reconnaissance and from other activities described herein. BANA is advised that the conditions observed by Tetra Tech may be subject to change. Indicators of hazardous substances and petroleum products that were not indicated or observable at the time of the Site reconnaissance may subsequently become present or observable.

Tetra Tech has used the standard of care recommended by Standard E 1527-13 developed by the ASTM. Because these standards of care only set forth minimums, any additional services and service enhancements that BANA has authorized are contained in the scope of services.

This ESA does not include a radon survey, lead paint sampling, an asbestos survey, or wetland delineation, although the results of previous surveys for these materials or features may have been reviewed for this report. This ESA report is based on information obtained from a variety of usually reliable sources, which are listed in the report, but the accuracy or reliability of the information supplied by others has not been verified.

This report is not a comprehensive Site characterization and should not be construed as such. This report presents opinions that are based on the findings of visually observable on-Site and off-Site conditions, a review of specific regulatory records and historical sources, and comments made by interviewees. ESAs, by their very nature, are limited. Tetra Tech has endeavored to meet the applicable standard of care and in so doing, is advising BANA of the ESA limitations. Tetra Tech believes this information is essential to help BANA identify and manage risks. These risks can be reduced, but cannot be completely eliminated through additional research. Tetra Tech will, upon request, advise BANA of the additional research opportunities available, their impact on risk, and their cost.

SECTION 7 REFERENCES

ASTM International (ASTM). Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process E 1527-13. 2013.

Bing Web Map Service (BING WMS). 2010-2011. Aerial Photograph, obtained from TerraServer (<http://www.onterrasystems.com/web-mapping-mapsavvy/>).

Environmental Data Resources, Inc. (EDR), Radius Map Report with GeoCheck®, Inquiry No. 4099122.2s, dated October 8, 2014.

EDR, Sanborn® Map Report, Inquiry No. 4099122.24, dated October 8, 2014.

EDR, Historical Topographic Map Report, Inquiry No. 4099122.4, dated October 8, 2014.

EDR, Aerial Photo Decade Package, Inquiry No. 4099122.9, dated October 10, 2014.

EDR, City Directory Abstract Report, Inquiry No. 4099122.5, dated October 10, 2014.

Geologic map of the State of Florida – Northern Peninsula obtained from <http://sofia.usgs.gov> on October 24, 2014.

U.S. Geological Survey (USGS), 7.5-minute series Crescent City (1994) and Saint Johns Park (1980) Topographic Quadrangle Maps.

SECTION 8

SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in 40 CFR 312.10. We have the specific qualifications based on education, training, and experience to assess a Site of the nature, history, and setting of the subject Site. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

We appreciate the opportunity to work with you on this project. If you have any questions concerning the findings and conclusions contained in this report, please call Ms. Judy Marth at (615) 252-4788.

Sincerely,

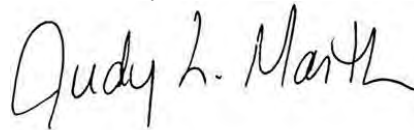
Tetra Tech, Inc.

Prepared by:



Amanda Romans
Environmental Scientist

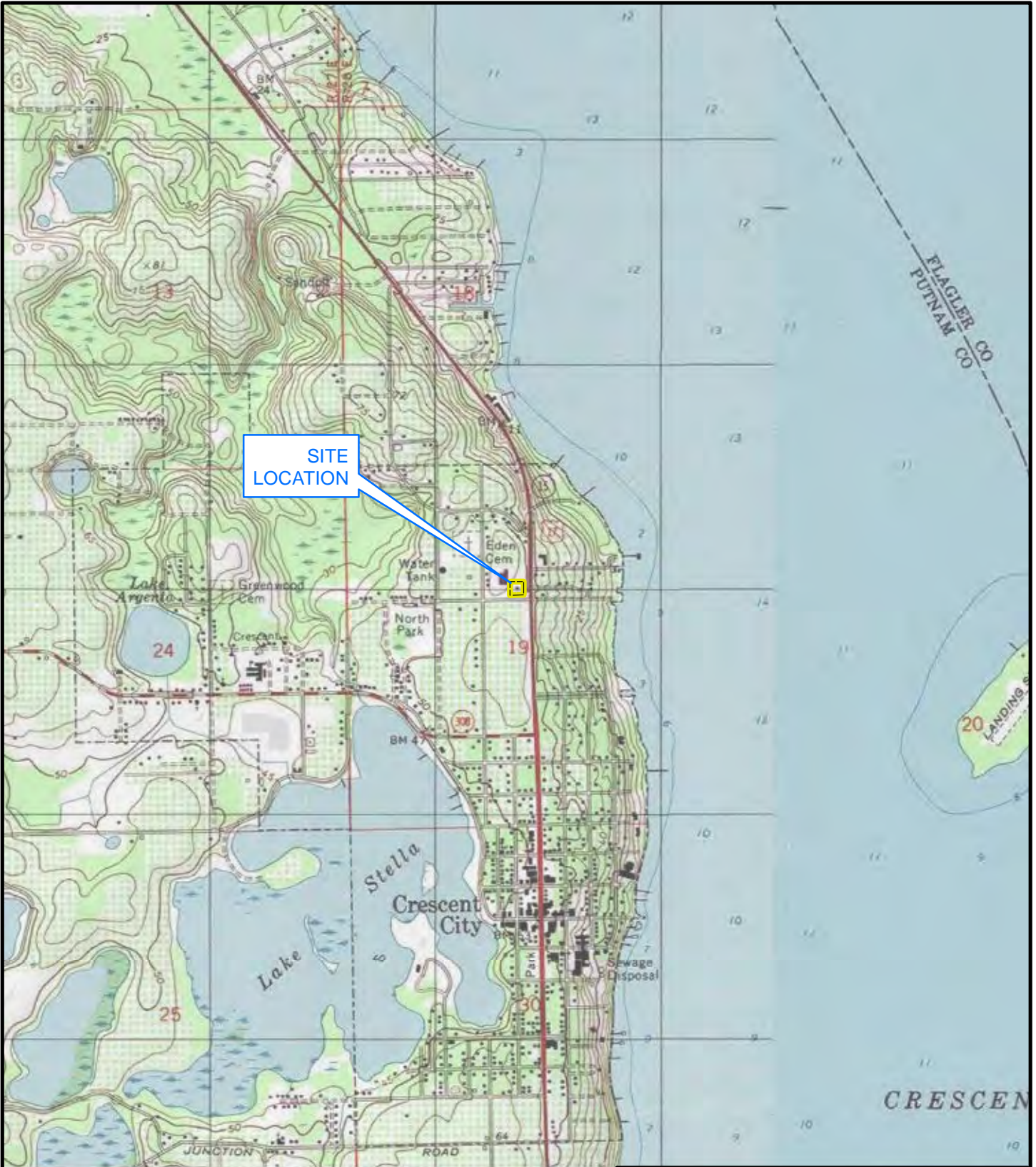
Reviewed by:




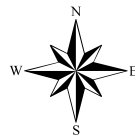
Judy L. Marth, CHMM
Senior Environmental Scientist

SECTION 9 APPENDICES

9.1 FIGURES



 Property Boundary






0 1,000 2,000
Feet

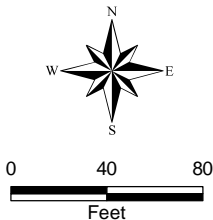
LAKE GROVE
913 NORTH SUMMIT STREET
CRESCENT CITY, FLORIDA

FIGURE 1
SITE LOCATION MAP





-  Property Boundary
-  Pole Mounted Transformer
-  Dumpster



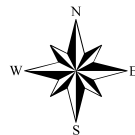
LAKE GROVE
 913 NORTH SUMMIT STREET
 CRESCENT CITY, FLORIDA

FIGURE 2
 SITE LAYOUT MAP





 Property Boundary



0 250 500
Feet


LAKE GROVE
913 NORTH SUMMIT STREET
CRESCENT CITY, FLORIDA

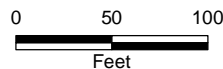
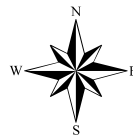
FIGURE 3
AERIAL PHOTOGRAPH





Parcel 19-12-28-3350-0430-0010

 Property Boundary



LAKE GROVE
913 NORTH SUMMIT STREET
CRESCENT CITY, FLORIDA

FIGURE 4
PARCEL MAP



9.2 SITE PHOTOGRAPHS

**Photographic Documentation
Lake Grove
Crescent City, Florida
Project No. 103P2210119**



Description:	View of the Site building, facing southwest.
---------------------	--

Photographic Documentation
Lake Grove
Crescent City, Florida
Project No. 103P2210119



Description:	View of the drive-through located on the southern portion of the Site, facing east.
---------------------	---

Photographic Documentation
Lake Grove
Crescent City, Florida
Project No. 103P2210119



Description:	View of the southern portion of the Site, facing east.
---------------------	--

Photographic Documentation
Lake Grove
Crescent City, Florida
Project No. 103P2210119



Description:	View of the drive-thru area located on the Site, facing northwest.
---------------------	--

**Photographic Documentation
Lake Grove
Crescent City, Florida
Project No. 103P2210119**



Description:	View of the western portion of the Site, facing northeast.
---------------------	--

**Photographic Documentation
Lake Grove
Crescent City, Florida
Project No. 103P2210119**



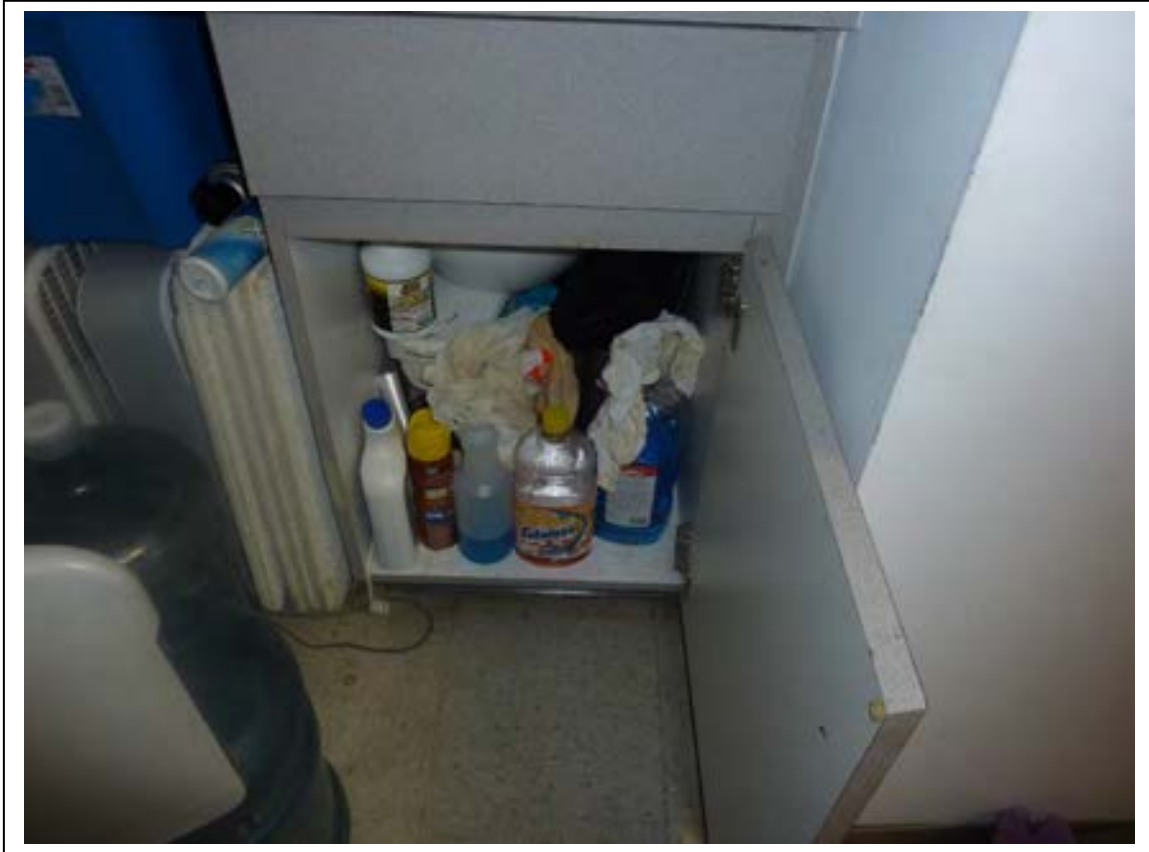
Description:	View of the dumpster located on the northwest portion of the Site, facing northeast.
---------------------	--

**Photographic Documentation
Lake Grove
Crescent City, Florida
Project No. 103P2210119**



Description:	View of the break room.
---------------------	-------------------------

**Photographic Documentation
Lake Grove
Crescent City, Florida
Project No. 103P2210119**



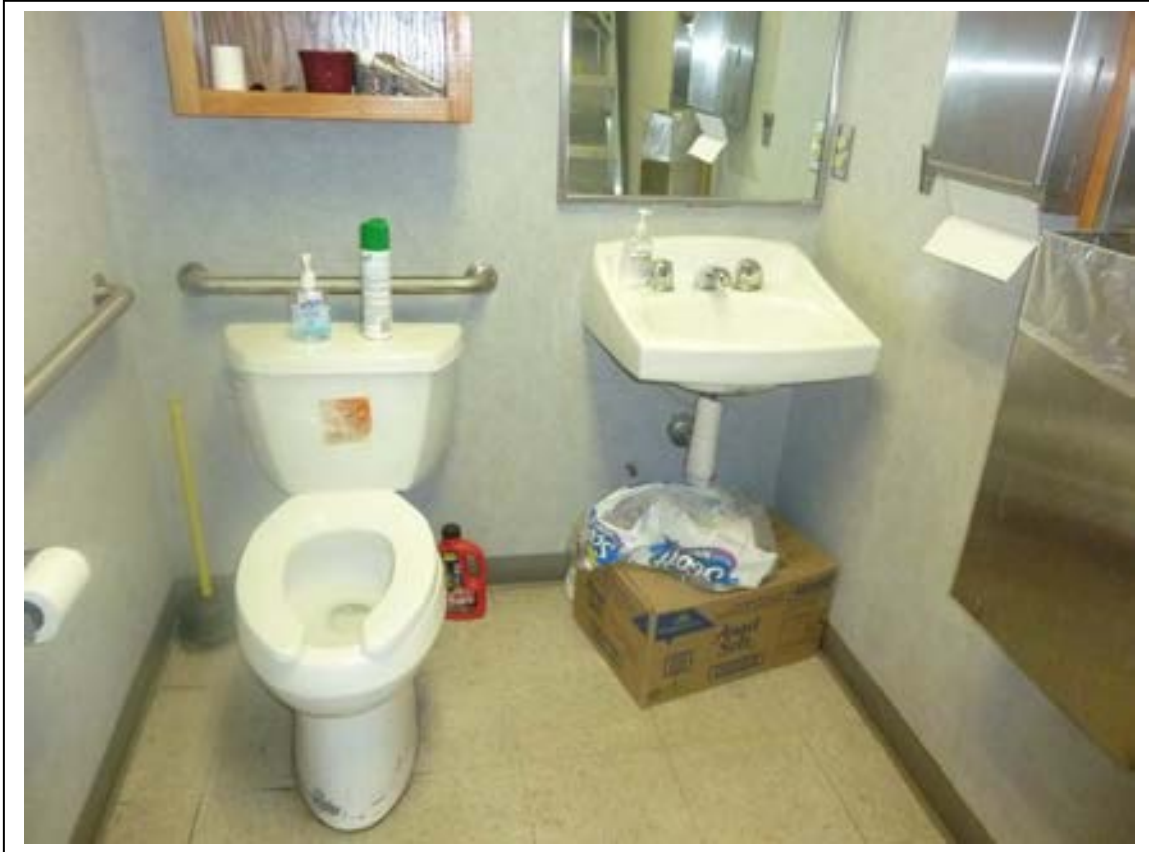
Description:	View of the small (less than 5-gallon) cleaning products in the break room.
---------------------	---

**Photographic Documentation
Lake Grove
Crescent City, Florida
Project No. 103P2210119**



Description:	View of the vinyl flooring located in the break room.
---------------------	---

**Photographic Documentation
Lake Grove
Crescent City, Florida
Project No. 103P2210119**



Description:	View of the bathroom.
---------------------	-----------------------

**Photographic Documentation
Lake Grove
Crescent City, Florida
Project No. 103P2210119**



Description:	View of the teller area.
---------------------	--------------------------

**Photographic Documentation
Lake Grove
Crescent City, Florida
Project No. 103P2210119**



Description:	View of ceiling tiles located throughout the building.
---------------------	--

**Photographic Documentation
Lake Grove
Crescent City, Florida
Project No. 103P2210119**



Description:	View of one of the two offices.
---------------------	---------------------------------

**Photographic Documentation
Lake Grove
Crescent City, Florida
Project No. 103P2210119**



Description:	View of the shopping center and associated parking lot adjacent to the north and, facing northwest.
---------------------	---

Photographic Documentation
Lake Grove
Crescent City, Florida
Project No. 103P2210119



Description:	View of Reiter Insurance Agency located across Summit Street to the east, facing east.
---------------------	--

**Photographic Documentation
Lake Grove
Crescent City, Florida
Project No. 103P2210119**



Description:	View of the grassed land adjacent to the east, facing east.
---------------------	---

**Photographic Documentation
Lake Grove
Crescent City, Florida
Project No. 103P2210119**



Description:	View of the pharmacy located across Grove Avenue to the south of the Site, facing south-southwest.
---------------------	--

**Photographic Documentation
Lake Grove
Crescent City, Florida
Project No. 103P2210119**



Description:	View of the shopping center parking lot located adjacent to the west, facing west.
---------------------	--



9.3 REGULATORY RECORDS DOCUMENTATION

Crescent City, FL

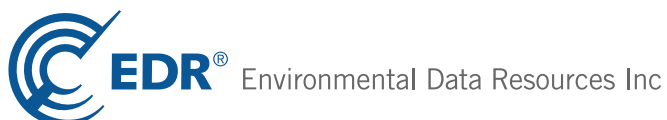
913 N. Summit St

Crescent City, FL 32112

Inquiry Number: 4099122.2s

October 08, 2014

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Physical Setting Source Records Searched	PSGR-1

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

913 N. SUMMIT ST
CRESCENT CITY, FL 32112

COORDINATES

Latitude (North): 29.4432000 - 29° 26' 35.52"
Longitude (West): 81.5117000 - 81° 30' 42.12"
Universal Transverse Mercator: Zone 17
UTM X (Meters): 450373.2
UTM Y (Meters): 3257021.2
Elevation: 53 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 29081-D5 CRESCENT CITY, FL
Most Recent Revision: 1998

East Map: 29081-D4 SAINT JOHNS PARK, FL
Most Recent Revision: 1983

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20101001, 20101006
Source: USDA

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List

EXECUTIVE SUMMARY

Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY..... Federal Facility Site Information listing

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls
LUCIS..... Land Use Control Information System

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent CERCLIS

SHWS..... Florida's State-Funded Action Sites

State and tribal leaking storage tank lists

LUST..... Petroleum Contamination Detail Report
LAST..... Leaking Aboveground Storage Tank Listing
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

AST..... Storage Tank Facility Information
INDIAN UST..... Underground Storage Tanks on Indian Land
FEMA UST..... Underground Storage Tank Listing
FF TANKS..... Federal Facilities Listing

State and tribal institutional control / engineering control registries

ENG CONTROLS..... Institutional Controls Registry

EXECUTIVE SUMMARY

INST CONTROL..... Institutional Controls Registry

State and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Sites
INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields Sites Database

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
SWRCY..... Recycling Centers
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs
FI Sites..... Sites List
US HIST CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
SPILLS..... Oil and Hazardous Materials Incidents
SPILLS 80..... SPILLS 80 data from FirstSearch
SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated
DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites
US MINES..... Mines Master Index File
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

EXECUTIVE SUMMARY

HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS.....	Section 7 Tracking Systems
ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
RMP.....	Risk Management Plans
UIC.....	Underground Injection Wells Database Listing
DEDB.....	Ethylene Dibromide Database Results
NPDES.....	Wastewater Facility Regulation Database
AIRS.....	Permitted Facilities Listing
TIER 2.....	Tier 2 Facility Listing
FL Cattle Dip. Vats.....	Cattle Dipping Vats
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
2020 COR ACTION.....	2020 Corrective Action Program List
LEAD SMELTERS.....	Lead Smelter Sites
PRP.....	Potentially Responsible Parties
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
US FIN ASSUR.....	Financial Assurance Information
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
COAL ASH DOE.....	Steam-Electric Plant Operation Data
Financial Assurance.....	Financial Assurance Information Listing
PCB TRANSFORMER.....	PCB Transformer Registration Database
EPA WATCH LIST.....	EPA WATCH LIST

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR US Hist Auto Stat.....	EDR Exclusive Historic Gas Stations

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS NFRAP site List

CERC-NFRAP: Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

A review of the CERC-NFRAP list, as provided by EDR, and dated 10/25/2013 has revealed that there is 1 CERC-NFRAP site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CRESCENT CITY LANDFILL	WALNUT ST AND GROVE	W 1/8 - 1/4 (0.192 mi.)	B4	10

Federal RCRA generators list

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 06/10/2014 has revealed that there is 1 RCRA-CESQG site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WINN DIXIE #198	1115 N SUMMIT ST	N 1/8 - 1/4 (0.206 mi.)	7	12

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

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Department of Environmental Protection's Facility Directory (Solid Waste Facilities).

A review of the SWF/LF list, as provided by EDR, and dated 07/21/2014 has revealed that there is 1 SWF/LF site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CRESCENT CITY DUMP Facility-Site Id: 37597	WALNUT ST AT GROVE	W 1/8 - 1/4 (0.195 mi.)	B6	11

EXECUTIVE SUMMARY

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. Shortly after the September 11 event, the DEP was instructed to remove the detail about some of the storage tank facilities in the state from their reports. Federal-owned facilities and bulk storage facilities are included in that set.

A review of the UST list, as provided by EDR, and dated 07/16/2014 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LAKE CRESCENT RESORT Facility-Site Id: 9602330	904 N SUMMIT ST	ESE 0 - 1/8 (0.029 mi.)	A3	10

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

A review of the ODI list, as provided by EDR, and dated 06/30/1985 has revealed that there is 1 ODI site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CRESCENT CITY DUMP	WALNUT STREET AT GROVE	W 1/8 - 1/4 (0.192 mi.)	B5	11

Local Lists of Hazardous waste / Contaminated Sites

Florida Priority Cleaners list comes from the Department of Environmental Protection.

A review of the PRIORITYCLEANERS list, as provided by EDR, and dated 07/09/2014 has revealed that there is 1 PRIORITYCLEANERS site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
COIN-O-MAGIC Facility-Site Id: 9701090	921 N SUMMIT ST	E 0 - 1/8 (0.025 mi.)	A1	8

Other Ascertainable Records

Florida Drycleaners list comes from the Department of Environmental Protection.

A review of the DRYCLEANERS list, as provided by EDR, and dated 07/16/2014 has revealed that there is 1 DRYCLEANERS site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
COIN-O-MAGIC Facility-Site Id: 9701090	921 N SUMMIT ST	E 0 - 1/8 (0.025 mi.)	A1	8

EXECUTIVE SUMMARY

DWM CONTAM: A listing of active or known sites. The listing includes sites that need cleanup but are not actively being working on because the agency currently does not have funding (primarily petroleum and drycleaning).

A review of the DWM CONTAM list, as provided by EDR, and dated 03/31/2014 has revealed that there is 1 DWM CONTAM site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
COIN-O-MAGIC	921 N SUMMIT ST	E 0 - 1/8 (0.025 mi.)	A1	8

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR US Hist Cleaners: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Cleaners list, as provided by EDR, has revealed that there is 1 EDR US Hist Cleaners site within approximately 0.25 miles of the target property.

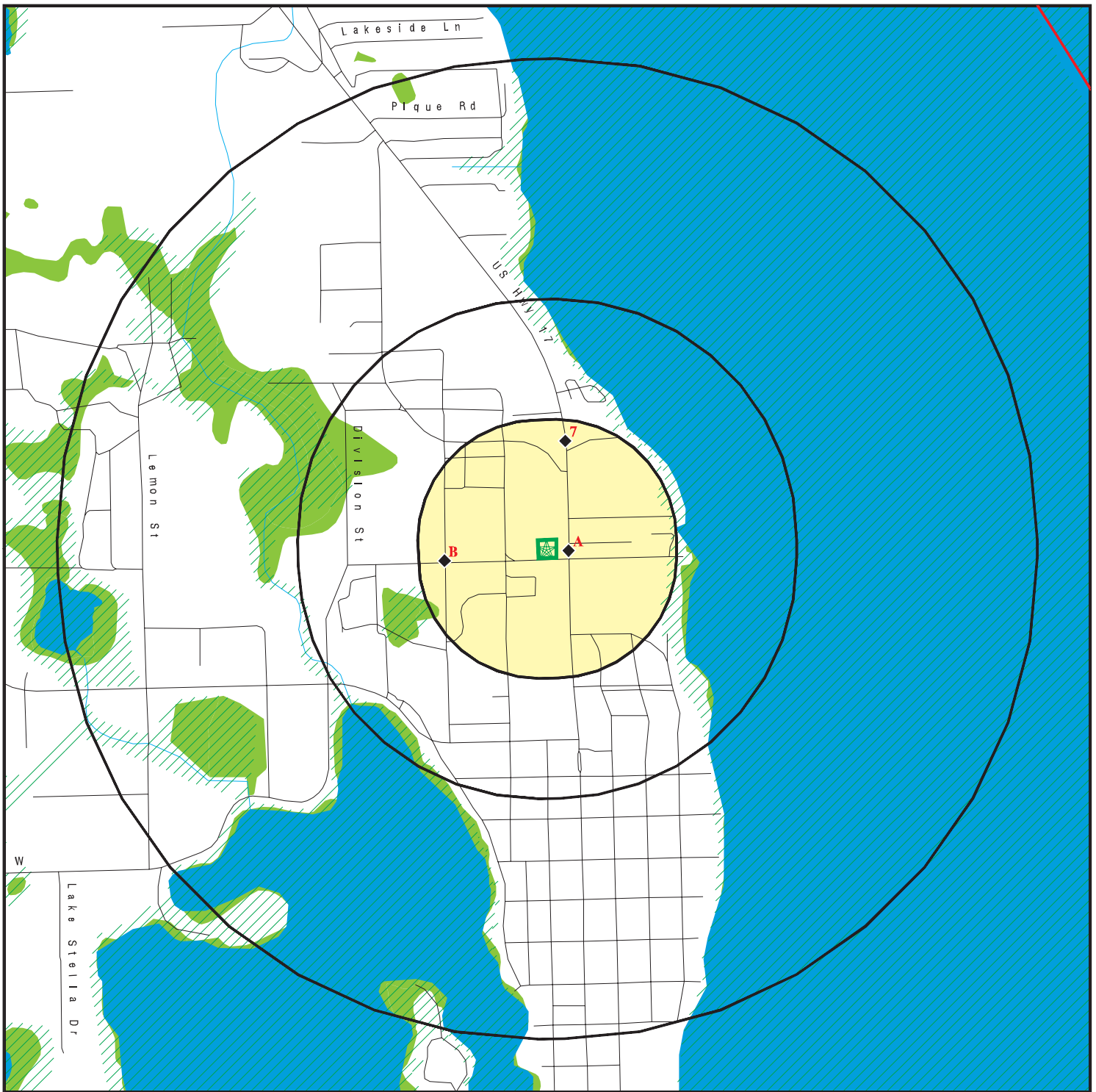
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	921 N SUMMIT ST	E 0 - 1/8 (0.025 mi.)	A2	9

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 18 records.

<u>Site Name</u>	<u>Database(s)</u>
CHURCH OF GOD OF PROPHECY O CRESCEN	ENF
201-215 BROWNS HAMMOCK RD, CRESCEN	ENF
FPL/CRESCENT CITY TO BARBERVILLE (ENF
STARK, DUANE-DHL ON CRESCENT LAKE	ENF
PUTNAM CNTY SCHOOL BD-CRESCENT CIT	RGA LUST
PUTNAM CNTY SCHOOL BD-CRESCENT CIT	RGA LUST
TANGERINE COVE	UST
RONALD HARRIS	AST
PUTNAM CNTY SANITATION DEPT	AST
AMERICAN CABINET MANUFACTURING	RCRA-CESQG
R & J AUTOMOTIVE	RCRA-CESQG
CRESCENT CITY FARM SUPPLY	FINDS
SR-15 FROM CRESCENT CITY TO PO	FINDS
CRESCENT CITY, CITY OF - CRESENT C	FINDS
CRESCENT CITY RAF	FINDS
FPL CRESCENT CITY SERVICE CENTER	FINDS
CRESCENT CITY CAMPGROUND WWTF	NPDES
CRESCENT CITY DUMP	RGA LF

OVERVIEW MAP - 4099122.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

County Boundary

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

FL Brownfield

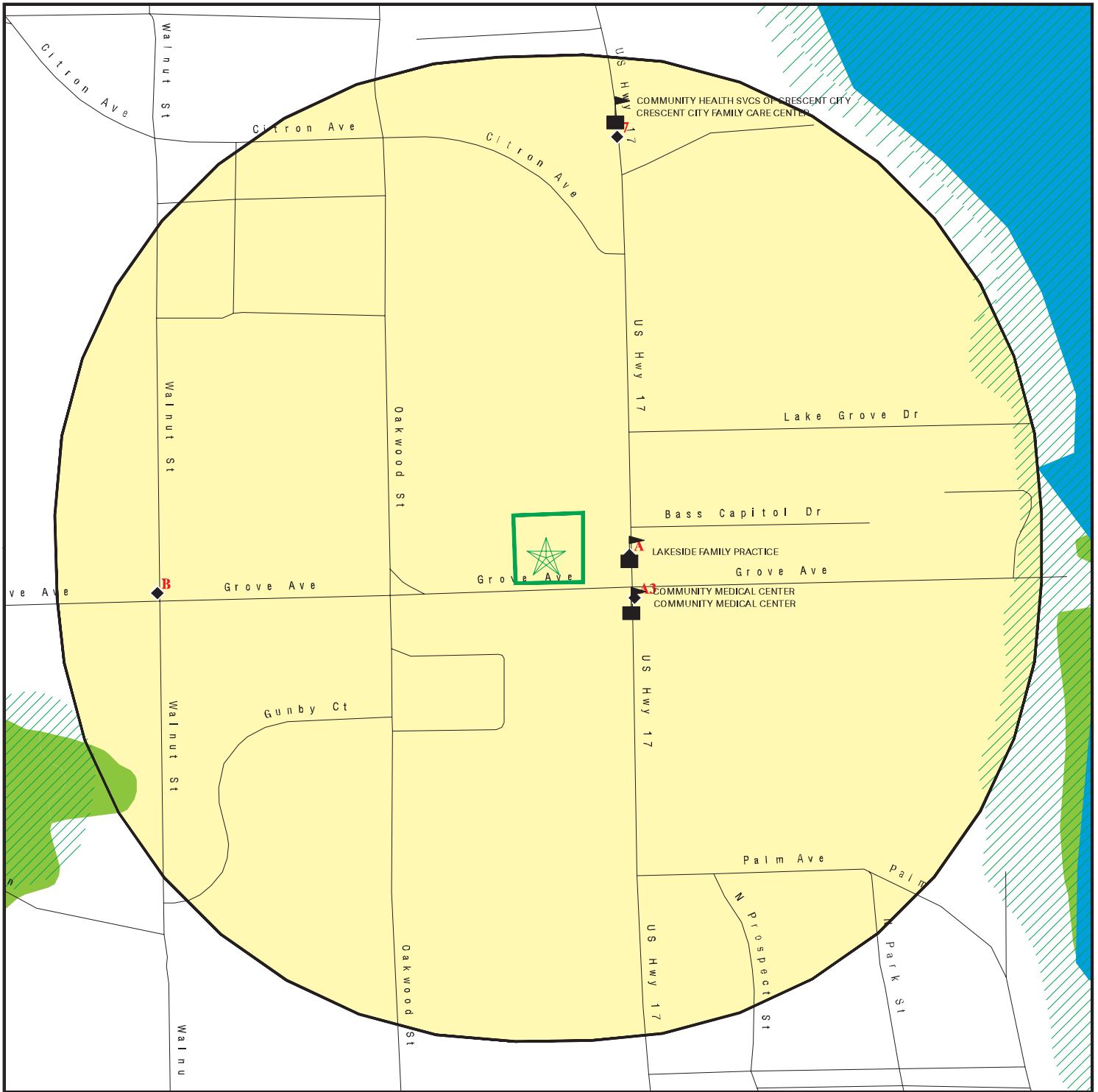









This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.








SITE NAME: Crescent City, FL
 ADDRESS: 913 N. Summit St
 Crescent City FL 32112
 LAT/LONG: 29.4432 / 81.5117

CLIENT: Tetra Tech EM, Inc.
 CONTACT: Cris Smith
 INQUIRY #: 4099122.2s
 DATE: October 08, 2014 1:11 pm

DETAIL MAP - 4099122.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites

-  Indian Reservations BIA
-  Oil & Gas pipelines from USGS
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory
-  State Wetlands
-  FL Brownfield



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

<p>SITE NAME: Crescent City, FL ADDRESS: 913 N. Summit St Crescent City FL 32112 LAT/LONG: 29.4432 / 81.5117</p>	<p>CLIENT: Tetra Tech EM, Inc. CONTACT: Cris Smith INQUIRY #: 4099122.2s DATE: October 08, 2014 1:12 pm</p>
---	--

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP	0.500		0	1	0	NR	NR	1
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	1	NR	NR	NR	1
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS	1.000		0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	1	0	NR	NR	1
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		0	0	0	NR	NR	0
LAST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
UST	0.250		1	0	NR	NR	NR	1

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
FF TANKS	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI	0.500		0	1	0	NR	NR	1
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
FI Sites	1.000		0	0	0	0	NR	0
PRIORITYCLEANERS	0.500		1	0	0	NR	NR	1
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
SPILLS 80	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		1	0	NR	NR	NR	1
DEDB	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
TIER 2	TP		NR	NR	NR	NR	NR	0
FL Cattle Dip. Vats	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
DWM CONTAM	0.500		1	0	0	NR	NR	1
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		0	0	NR	NR	NR	0
EDR US Hist Cleaners	0.250		1	0	NR	NR	NR	1

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
RGA LF	TP		NR	NR	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

A1
East
< 1/8
0.025 mi.
134 ft.

COIN-O-MAGIC
921 N SUMMIT ST
CRESCENT CITY, FL 32112

DRYCLEANERS
PRIORITYCLEANERS
DWM CONTAM

S103121111
N/A

Site 1 of 3 in cluster A

Relative:
Lower

DRYCLEANERS:

Facility ID: 9701090
Facility Type: Drycleaner
Facility Status: CLOSED
Facility Phone: (904)698-1097
Owner ID: 46474
Owner Role: FACILITY OWNER
Owner Name: MCKINNON, GARY F SR
Owner Contact: GARY F MCKINNON SR
Owner Address: 210 AZALEA CIR
Owner Addr2: Not reported
Owner City,St,Zip: PALATKA, FL 32177
RP Phone: (904)328-5008
Start Date: 09/23/1997

Actual:
49 ft.

Facility ID: 9701090
Facility Type: Drycleaner
Facility Status: CLOSED
Facility Phone: (904)698-1097
Owner ID: 46474
Owner Role: ACCOUNT OWNER
Owner Name: MCKINNON, GARY F SR
Owner Contact: GARY F MCKINNON SR
Owner Address: 210 AZALEA CIR
Owner Addr2: Not reported
Owner City,St,Zip: PALATKA, FL 32177
RP Phone: (904)328-5008
Start Date: 09/23/1997

Facility ID: 9701090
Facility Type: Drycleaner
Facility Status: CLOSED
Facility Phone: (904)698-1097
Owner ID: 48075
Owner Role: PROPERTY OWNER
Owner Name: SUPERVALU OPERATIONS INC
Owner Contact: Not reported
Owner Address: POP BOX 105212
Owner Addr2: Not reported
Owner City,St,Zip: ATLANTA, GA 30346
RP Phone: Not reported
Start Date: 12/24/1998

PRIORITYCLEANERS:

Rank: 235
Facility ID: 9701090
Score: 77
Voluntary Cleanup: Not reported

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DWM CONTAM:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COIN-O-MAGIC (Continued)

S103121111

Program Site Id: 000549701090
Lat DD: 29
Lat MM: 26
Lat SS: 38.5526
Long DD: 81
Long MM: 30
Long SS: 43.1495
Office/ District: NED
Program Area: Drycleaning (State Funded)
Offsite Contamination: Not reported
Project Manager: Not reported
Priority Score: Not reported
Remediation Status: Unassigned
Date Known Offsite: Not reported
Datum: 3
Method: WGPS
Program Eligible: Not reported
Ineligible: Not reported

A2
East
< 1/8
0.025 mi.
134 ft.

921 N SUMMIT ST
CRESCENT CITY, FL 32112

EDR US Hist Cleaners 1015106326
N/A

Site 2 of 3 in cluster A

Relative:
Lower

EDR Historical Cleaners:

Actual:
49 ft.

Name: COIN O MATIC LAUNDROMAT
Year: 2006
Address: 921 N SUMMIT ST

Name: COIN O MAGIC LAUNDROMAT
Year: 2007
Address: 921 N SUMMIT ST

Name: COIN O MAGIC LAUNDROMAT
Year: 2008
Address: 921 N SUMMIT ST

Name: COIN O MAGIC LAUNDROMAT
Year: 2009
Address: 921 N SUMMIT ST

Name: COIN O MATIC LAUNDRYMAT
Year: 2010
Address: 921 N SUMMIT ST

Name: COINOMATIC LAUNDRYMAT
Year: 2011
Address: 921 N SUMMIT ST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A3
ESE
< 1/8
0.029 mi.
155 ft.

LAKE CRESCENT RESORT
904 N SUMMIT ST
CRESCENT CITY, FL 32112

UST **U003167428**
N/A

Site 3 of 3 in cluster A

Relative:
Lower

UST:

Facility Id: 9602330
Facility Status: CLOSED
Type Description: Fuel user/Non-retail
Facility Phone: (904) 698-2485
Region: STATE
Positioning Method: Not reported
Lat/Long (dms): Not reported

Actual:
49 ft.

Owner Records Not Found for this facility id:

Tank Info:

Tank Id: 1
Status: Removed
Status Date: 01-SEP-1996
Install Date: Not reported
Substance: Unleaded gas
Content Description: Unleaded Gas
Gallons: 325
Vessel Indicator: TANK
Tank Location: UNDERGROUND
DEP Contractor: No

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B4
West
1/8-1/4
0.192 mi.
1014 ft.

CRESCENT CITY LANDFILL
WALNUT ST AND GROVE
CRESCENT CITY, FL 32012

CERC-NFRAP **1003867776**
FLD981024870

Site 1 of 3 in cluster B

Relative:
Lower

CERC-NFRAP:

Site ID: 0401105
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

Actual:
50 ft.

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID: 4753063.00000
Person ID: 4000275.00000

Contact Sequence ID: 4778043.00000
Person ID: 13002428.00000

CERCLIS-NFRAP Site Alias Name(s):

Alias Name: CRESCENT CITY LANDFILL
Alias Address: Not reported
PUTNAM, FL

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY
Date Started: / /

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRESCENT CITY LANDFILL (Continued)

1003867776

Date Completed: 10/02/85
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: / /
Date Completed: 10/16/85
Priority Level: Low priority for further assessment

Action: SITE INSPECTION
Date Started: / /
Date Completed: 12/17/91
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

Action: ARCHIVE SITE
Date Started: / /
Date Completed: 12/17/91
Priority Level: Not reported

B5
West
1/8-1/4
0.192 mi.
1014 ft.

**CRESCENT CITY DUMP
WALNUT STREET AT GROVE
CRESCENT CITY, FL**

**ODI 1007443971
N/A**

Site 2 of 3 in cluster B

**Relative:
Lower**

ODI:
Non Compliance Category: 06 11
Latitude: 29 26 27
Longitude: 081 31 08

**Actual:
50 ft.**

B6
West
1/8-1/4
0.195 mi.
1032 ft.

**CRESCENT CITY DUMP
WALNUT ST AT GROVE
CRESCENT CITY, FL 32112**

**SWF/LF 1000377978
N/A**

Site 3 of 3 in cluster B

**Relative:
Lower**

SWF/LF:
Facility ID: 37597
District: NED
Lat/Long: 29:26:32.2961 / 81:30:56.8857
Class Type: 200
Classification: CLASS II LANDFILL
Class Status: CLOSED, NO GW MONITORING (J)
Section: 24
Township: 12S
Range: 27E
Responsible Authority Name: CITY OF CRESCENT CITY
Responsible Authority Address: CITY HALL
Responsible Authority City,St,Zip: CRESCENT CITY, FL 32012
Responsible Authority Phone: 9046982525
EMail Address1: Not reported
EMail Address2: Not reported
Site Supervisor Name: Not reported
Site Supervisor Addr: Not reported
Site Supervisor City/State/Zip: Not reported
Site Supervisor Telephone: Not reported
Land Owner Name: CITY OF CRESCENT CITY

**Actual:
50 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRESCENT CITY DUMP (Continued)

1000377978

Land Owner Address: CITY HALL
Land Owner City/State/Zip: CRESCENT CITY, FL 32012
Land Owner Telephone: Not reported

[Click here for Florida Oculus:](#)

7
North
1/8-1/4
0.206 mi.
1088 ft.

WINN DIXIE #198
1115 N SUMMIT ST
CRESCENT CITY, FL 32112

RCRA-CESQG **1004684825**
FINDS **FLR000034959**

Relative:
Lower

RCRA-CESQG:

Actual:
41 ft.

Date form received by agency: 08/22/2013
Facility name: WINN DIXIE #196
Facility address: 1115 N SUMMIT ST
CRESCENT CITY, FL 321121721
EPA ID: FLR000034959
Mailing address: N SUMMIT ST
CRESCENT CITY, FL 32112-1721
Contact: LORI HODGE
Contact address: W BEAVER ST
JACKSONVILLE, FL 32220-2152
Contact country: US
Contact telephone: 9042668029
Contact email: LORIHODGE@WINN-DIXIE.COM
EPA Region: 04
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: CHESTER DIX CORP
Owner/operator address: P O BOX 40
WESTBURY, NY 11590
Owner/operator country: US
Owner/operator telephone: 5163349730
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 09/18/1997
Owner/Op end date: Not reported

Owner/operator name: WINN DIXIE STORES INC
Owner/operator address: 5050 EDGEWOOD CT
JACKSONVILLE, FL 32254

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WINN DIXIE #198 (Continued)

1004684825

Owner/operator country: US
Owner/operator telephone: 9047835000
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: 09/18/1997
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 10/08/1997
Site name: WINN DIXIE #196
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D009
Waste name: MERCURY

Waste code: P001
Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste code: P078

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WINN DIXIE #198 (Continued)

1004684825

Waste name: NITROGEN DIOXIDE
Waste code: U034
Waste name: ACETALDEHYDE, TRICHLORO-
Waste code: U058
Waste name: CYCLOPHOSPHAMIDE
Waste code: U129
Waste name: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-,
(1ALPHA,2ALPHA,3BETA,4ALPHA,5ALPHA,6BETA)-
Waste code: U132
Waste name: HEXACHLOROPHENE
Waste code: U188
Waste name: PHENOL
Waste code: U200
Waste name: RESERPINE
Waste code: U205
Waste name: SELENIUM SULFIDE
Violation Status: No violations found

FINDS:

Registry ID: 110005644053

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Florida Environmental System Today Application (FIESTA) Data Maintenance (FDM) system maintains entity, environmental interest and affiliation data for the State of Florida.

Count: 18 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CRESCENT CITY	S115192957	PUTNAM CNTY SCHOOL BD-CRESCENT CIT	US 17		RGA LUST
CRESCENT CITY	S115192956	PUTNAM CNTY SCHOOL BD-CRESCENT CIT	2201 US 17 S		RGA LUST
CRESCENT CITY	U001372224	TANGERINE COVE	US 17	32112	UST
CRESCENT CITY	S116988366	CHURCH OF GOD OF PROPHECY O CRESCEN	2701 HIGHWAY 17 SOUTH	32112	ENF
CRESCENT CITY	S102848723	CRESCENT CITY CAMPGROUND WWTF	2359 US 17 SOUTH		NPDES
CRESCENT CITY	1016222178	CRESCENT CITY FARM SUPPLY	US 17 N & UNION AVE	32112	FINDS
CRESCENT CITY	1014469315	AMERICAN CABINET MANUFACTURING	HWY 17 NORTH, UNION AVE	32112	RCRA-CESQG
CRESCENT CITY	1007989209	R & J AUTOMOTIVE	2620 HIGHWAY 17 S	32112	RCRA-CESQG
CRESCENT CITY	A100379243	RONALD HARRIS	1315 HWY 308	32112	AST
CRESCENT CITY	A100148247	PUTNAM CNTY SANITATION DEPT	HWY 308	32112	AST
CRESCENT CITY	S116823327	201-215 BROWNS HAMMOCK RD, CRESCEN	CITRAS LAKES SUBDIVISION	32112	ENF
CRESCENT CITY	S116902274	FPL/CRESCENT CITY TO BARBERVILLE (CLIFTON ROAD-TURKEY SHOOT ROAD	0	ENF
CRESCENT CITY	1010021132	SR-15 FROM CRESCENT CITY TO PO	FROM CRESCENT CITY TO POMONA P	32112	FINDS
CRESCENT CITY	1004457172	CRESCENT CITY, CITY OF - CRESENT C	LAKE AND CYPRESS STREETS	32112	FINDS
CRESCENT CITY	1011435257	CRESCENT CITY RAF	1023 OLD US HWY 17	32112	FINDS
CRESCENT CITY	S116954741	STARK, DUANE-DHL ON CRESCENT LAKE	PUTNAM TO FLAGLER CO	0	ENF
CRESCENT CITY	1016267128	FPL CRESCENT CITY SERVICE CENTER	SUMMITT & LEMON STREETS	32112	FINDS
CRESCENT CITY	S115153497	CRESCENT CITY DUMP	WALNUT ST AT GROVE		RGA LF

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 09/19/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 10/20/2014
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 09/19/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 10/20/2014
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 09/19/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 10/20/2014
	Data Release Frequency: Quarterly

Federal CERCLIS list

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

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

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 08/28/2014
Number of Days to Update: 94	Next Scheduled EDR Contact: 12/08/2014
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/08/2014	Telephone: 703-603-8704
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 10/07/2014
Number of Days to Update: 45	Next Scheduled EDR Contact: 01/19/2015
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 08/28/2014
Number of Days to Update: 94	Next Scheduled EDR Contact: 12/08/2014
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/01/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 10/01/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 10/01/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 10/01/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 10/01/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 06/23/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/15/2014	Telephone: 703-603-0695
Date Made Active in Reports: 09/18/2014	Last EDR Contact: 09/08/2014
Number of Days to Update: 65	Next Scheduled EDR Contact: 12/22/2014
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 06/23/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/15/2014	Telephone: 703-603-0695
Date Made Active in Reports: 09/18/2014	Last EDR Contact: 09/08/2014
Number of Days to Update: 65	Next Scheduled EDR Contact: 12/22/2014
	Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/28/2014	Source: Department of the Navy
Date Data Arrived at EDR: 05/30/2014	Telephone: 843-820-7326
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 08/14/2014
Number of Days to Update: 18	Next Scheduled EDR Contact: 12/01/2014
	Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 09/30/2013	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 10/01/2013	Telephone: 202-267-2180
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 09/30/2014
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/12/2015
	Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Florida's State-Funded Action Sites

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

Date of Government Version: 07/14/2014	Source: Department of Environmental Protection
Date Data Arrived at EDR: 08/26/2014	Telephone: 850-488-0190
Date Made Active in Reports: 09/02/2014	Last EDR Contact: 08/26/2014
Number of Days to Update: 7	Next Scheduled EDR Contact: 12/08/2014
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

SWF/LF: Solid Waste Facility Database

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

Date of Government Version: 07/21/2014	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/22/2014	Telephone: 850-922-7121
Date Made Active in Reports: 08/11/2014	Last EDR Contact: 07/22/2014
Number of Days to Update: 20	Next Scheduled EDR Contact: 11/03/2014
	Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

LUST: Petroleum Contamination Detail Report

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

Date of Government Version: 08/16/2014	Source: Department of Environmental Protection
Date Data Arrived at EDR: 08/06/2014	Telephone: 850-245-8839
Date Made Active in Reports: 08/13/2014	Last EDR Contact: 08/06/2014
Number of Days to Update: 7	Next Scheduled EDR Contact: 11/17/2014
	Data Release Frequency: Quarterly

LAST: Leaking Aboveground Storage Tank Listing

A statewide listing of leaking aboveground storage tank site locations.

Date of Government Version: 08/05/2014	Source: Department of Environmental Protection
Date Data Arrived at EDR: 08/06/2014	Telephone: 850-245-8799
Date Made Active in Reports: 08/13/2014	Last EDR Contact: 07/31/2014
Number of Days to Update: 7	Next Scheduled EDR Contact: 11/17/2014
	Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 05/22/2014	Source: EPA Region 7
Date Data Arrived at EDR: 08/22/2014	Telephone: 913-551-7003
Date Made Active in Reports: 09/18/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/14/2014	Source: EPA Region 6
Date Data Arrived at EDR: 05/15/2014	Telephone: 214-665-6597
Date Made Active in Reports: 07/15/2014	Last EDR Contact: 07/22/2014
Number of Days to Update: 61	Next Scheduled EDR Contact: 11/20/2014
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 07/30/2014	Source: EPA Region 4
Date Data Arrived at EDR: 08/12/2014	Telephone: 404-562-8677
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 04/22/2014
Number of Days to Update: 10	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/13/2014	Source: EPA Region 8
Date Data Arrived at EDR: 08/15/2014	Telephone: 303-312-6271
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 07/22/2014
Number of Days to Update: 7	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2013	Telephone: 415-972-3372
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 07/22/2014
Number of Days to Update: 42	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/01/2013	Source: EPA Region 1
Date Data Arrived at EDR: 05/01/2013	Telephone: 617-918-1313
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 08/01/2014
Number of Days to Update: 184	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 08/04/2014	Source: EPA, Region 5
Date Data Arrived at EDR: 08/05/2014	Telephone: 312-886-7439
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 17	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 05/20/2014	Source: EPA Region 10
Date Data Arrived at EDR: 06/10/2014	Telephone: 206-553-2857
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 73	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Storage Tank Facility Information

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

Date of Government Version: 07/16/2014	Source: Department of Environmental Protection
Date Data Arrived at EDR: 08/06/2014	Telephone: 850-245-8839
Date Made Active in Reports: 08/13/2014	Last EDR Contact: 08/06/2014
Number of Days to Update: 7	Next Scheduled EDR Contact: 11/17/2014
	Data Release Frequency: Quarterly

AST: Storage Tank Facility Information

Registered Aboveground Storage Tanks.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/16/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 08/13/2014
Number of Days to Update: 7

Source: Department of Environmental Protection
Telephone: 850-245-8839
Last EDR Contact: 08/06/2014
Next Scheduled EDR Contact: 11/17/2014
Data Release Frequency: Quarterly

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 08/04/2014
Date Data Arrived at EDR: 08/05/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 17

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 07/25/2014
Date Data Arrived at EDR: 07/28/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 25

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 08/20/2014
Date Data Arrived at EDR: 08/22/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 27

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/13/2014
Date Data Arrived at EDR: 08/15/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 7

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 08/14/2014
Date Data Arrived at EDR: 08/15/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 7

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 01/27/2014
Number of Days to Update: 271

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/01/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 07/30/2014
Date Data Arrived at EDR: 08/12/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 10

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/22/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Semi-Annually

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 05/20/2014
Date Data Arrived at EDR: 06/10/2014
Date Made Active in Reports: 08/15/2014
Number of Days to Update: 66

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 07/08/2014
Next Scheduled EDR Contact: 10/27/2014
Data Release Frequency: Varies

FF TANKS: Federal Facilities Listing

A listing of federal facilities with storage tanks.

Date of Government Version: 06/26/2014
Date Data Arrived at EDR: 06/30/2014
Date Made Active in Reports: 08/01/2014
Number of Days to Update: 32

Source: Department of Environmental Protection
Telephone: 850-245-8250
Last EDR Contact: 09/29/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Quarterly

State and tribal institutional control / engineering control registries

ENG CONTROLS: Institutional Controls Registry

The registry is a database of all contaminated sites in the state of Florida which are subject to engineering controls. Engineering Controls encompass a variety of engineered remedies to contain and/or reduce contamination, and/or physical barriers intended to limit access to property. ECs include fences, signs, guards, landfill caps, provision of potable water, slurry walls, sheet pile (vertical caps), pumping and treatment of groundwater, monitoring wells, and vapor extraction systems.

Date of Government Version: 05/01/2014
Date Data Arrived at EDR: 07/08/2014
Date Made Active in Reports: 08/11/2014
Number of Days to Update: 34

Source: Department of Environmental Protection
Telephone: 850-245-8927
Last EDR Contact: 07/08/2014
Next Scheduled EDR Contact: 10/20/2014
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Inst Control: Institutional Controls Registry

The registry is a database of all contaminated sites in the state of Florida which are subject to institutional and engineering controls.

Date of Government Version: 05/01/2014
Date Data Arrived at EDR: 07/08/2014
Date Made Active in Reports: 08/11/2014
Number of Days to Update: 34

Source: Department of Environmental Protection
Telephone: 850-245-8927
Last EDR Contact: 07/08/2014
Next Scheduled EDR Contact: 10/20/2014
Data Release Frequency: Semi-Annually

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 05/30/2014
Date Data Arrived at EDR: 07/01/2014
Date Made Active in Reports: 08/15/2014
Number of Days to Update: 45

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 10/01/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Varies

VCP: Voluntary Cleanup Sites

Listing of closed and active voluntary cleanup sites.

Date of Government Version: 05/29/2014
Date Data Arrived at EDR: 05/30/2014
Date Made Active in Reports: 06/10/2014
Number of Days to Update: 11

Source: Department of Environmental Protection
Telephone: 850-245-8705
Last EDR Contact: 09/08/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Sites Database

Brownfields are defined by the Florida Department of Environmental Protection (FDEP) as abandoned, idled, or underused industrial and commercial facilities where expansion or redevelopment is complicated by real or perceived environmental contamination.

Date of Government Version: 07/07/2014
Date Data Arrived at EDR: 07/08/2014
Date Made Active in Reports: 08/01/2014
Number of Days to Update: 24

Source: Department of Environmental Protection
Telephone: 850-245-8927
Last EDR Contact: 10/07/2014
Next Scheduled EDR Contact: 01/19/2015
Data Release Frequency: Semi-Annually

BSRA: Brownfield Site Rehabilitation Agreements Listing

The BSRA provides DEP and the public assurance that site rehabilitation will be conducted in accordance with Florida Statutes and DEP's Contaminated Site Cleanup Criteria rule. In addition, the BSRA provides limited liability protection for the voluntary responsible party. The BSRA contains various commitments by the voluntary responsible party, including milestones for completion of site rehabilitation tasks and submittal of technical reports and plans.

It also contains a commitment by DEP to review technical reports according to an agreed upon schedule. Only those brownfield sites with an executed BSRA are eligible to apply for a voluntary cleanup tax credit incentive pursuant to Section 376.30781, Florida Statutes.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/18/2014
Date Data Arrived at EDR: 07/08/2014
Date Made Active in Reports: 08/01/2014
Number of Days to Update: 24

Source: Department of Environmental Protection
Telephone: 850-245-8934
Last EDR Contact: 07/08/2014
Next Scheduled EDR Contact: 10/20/2014
Data Release Frequency: Varies

BROWNFIELDS AREAS: Brownfields Areas Database

A "brownfield area" means a contiguous area of one or more brownfield sites, some of which may not be contaminated, that has been designated as such by a local government resolution. Such areas may include all or portions of community redevelopment areas, enterprise zones, empowerment zones, other such designated economically deprived communities and areas, and Environmental Protection Agency (EPA) designated brownfield pilot projects. This layer provides a polygon representation of the boundaries of these designated Brownfield Areas in Florida.

Date of Government Version: 07/07/2014
Date Data Arrived at EDR: 07/08/2014
Date Made Active in Reports: 08/01/2014
Number of Days to Update: 24

Source: Department of Environmental Protection
Telephone: 850-245-8934
Last EDR Contact: 10/07/2014
Next Scheduled EDR Contact: 01/19/2015
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 07/03/2014
Date Made Active in Reports: 07/28/2014
Number of Days to Update: 25

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/23/2014
Next Scheduled EDR Contact: 01/05/2015
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/25/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SWRCY: Recycling Centers

A listing of recycling centers located in the state of Florida.

Date of Government Version: 12/31/2012	Source: Department of Environmental Protection
Date Data Arrived at EDR: 01/21/2014	Telephone: 850-245-8718
Date Made Active in Reports: 02/24/2014	Last EDR Contact: 07/25/2014
Number of Days to Update: 34	Next Scheduled EDR Contact: 11/03/2014
	Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 08/01/2014
Number of Days to Update: 52	Next Scheduled EDR Contact: 11/17/2014
	Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/28/2014	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 06/20/2014	Telephone: 202-307-1000
Date Made Active in Reports: 07/15/2014	Last EDR Contact: 09/03/2014
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/15/2014
	Data Release Frequency: Quarterly

FL SITES: Sites List

This summary status report was developed from a number of lists including the Eckhardt list, the Moffit list, the EPA Hazardous Waste Sites list, EPA's Emergency & Remedial Response information System list (RCRA Section 3012) & existing department lists such as the obsolete uncontrolled Hazardous Waste Sites list. This list is no longer updated.

Date of Government Version: 12/31/1989	Source: Department of Environmental Protection
Date Data Arrived at EDR: 05/09/1994	Telephone: 850-245-8705
Date Made Active in Reports: 08/04/1994	Last EDR Contact: 03/24/1994
Number of Days to Update: 87	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

PRIORITYCLEANERS: Priority Ranking List

The Florida Legislature has established a state-funded program to cleanup properties that are contaminated as a result of the operations of a drycleaning facility.

Date of Government Version: 07/09/2014	Source: Department of Environmental Protection
Date Data Arrived at EDR: 08/18/2014	Telephone: 850-245-8927
Date Made Active in Reports: 09/02/2014	Last EDR Contact: 08/18/2014
Number of Days to Update: 15	Next Scheduled EDR Contact: 12/01/2014
	Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/28/2014
Date Data Arrived at EDR: 06/20/2014
Date Made Active in Reports: 07/15/2014
Number of Days to Update: 25

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 09/03/2014
Next Scheduled EDR Contact: 12/15/2014
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/30/2014
Date Data Arrived at EDR: 07/01/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 79

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 10/01/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Annually

SPILLS: Oil and Hazardous Materials Incidents

Statewide oil and hazardous materials inland incidents.

Date of Government Version: 07/14/2014
Date Data Arrived at EDR: 07/15/2014
Date Made Active in Reports: 08/11/2014
Number of Days to Update: 27

Source: Department of Environmental Protection
Telephone: 850-245-2010
Last EDR Contact: 07/14/2014
Next Scheduled EDR Contact: 10/27/2014
Data Release Frequency: Semi-Annually

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 09/01/2001
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/06/2013
Number of Days to Update: 62

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 12/10/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/04/2013
Number of Days to Update: 60

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/10/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/02/2014	Telephone: (404) 562-8651
Date Made Active in Reports: 09/18/2014	Last EDR Contact: 10/01/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 01/12/2015
	Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 08/07/2012	Telephone: 202-366-4595
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 08/06/2014
Number of Days to Update: 42	Next Scheduled EDR Contact: 11/17/2014
	Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/18/2014
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/27/2014
	Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 06/06/2014	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 09/10/2014	Telephone: 202-528-4285
Date Made Active in Reports: 09/18/2014	Last EDR Contact: 09/10/2014
Number of Days to Update: 8	Next Scheduled EDR Contact: 12/22/2014
	Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2013	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 01/24/2014	Telephone: Varies
Date Made Active in Reports: 02/24/2014	Last EDR Contact: 09/30/2014
Number of Days to Update: 31	Next Scheduled EDR Contact: 01/12/2015
	Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013	Source: EPA
Date Data Arrived at EDR: 12/12/2013	Telephone: 703-416-0223
Date Made Active in Reports: 02/24/2014	Last EDR Contact: 09/09/2014
Number of Days to Update: 74	Next Scheduled EDR Contact: 12/22/2014
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010	Source: Department of Energy
Date Data Arrived at EDR: 10/07/2011	Telephone: 505-845-0011
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 08/20/2014
Number of Days to Update: 146	Next Scheduled EDR Contact: 12/08/2014
	Data Release Frequency: Varies

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 01/30/2014	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 03/05/2014	Telephone: 303-231-5959
Date Made Active in Reports: 07/15/2014	Last EDR Contact: 09/04/2014
Number of Days to Update: 132	Next Scheduled EDR Contact: 12/15/2014
	Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2011	Source: EPA
Date Data Arrived at EDR: 07/31/2013	Telephone: 202-566-0250
Date Made Active in Reports: 09/13/2013	Last EDR Contact: 08/29/2014
Number of Days to Update: 44	Next Scheduled EDR Contact: 12/08/2014
	Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006	Source: EPA
Date Data Arrived at EDR: 09/29/2010	Telephone: 202-260-5521
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 09/26/2014
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/05/2015
	Data Release Frequency: Every 4 Years

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

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/19/2014
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/08/2014
	Data Release Frequency: Quarterly

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

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/19/2014
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/08/2014
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 07/22/2014
Number of Days to Update: 77	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 05/06/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/16/2014	Telephone: 202-564-5088
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 10/09/2014
Number of Days to Update: 32	Next Scheduled EDR Contact: 10/27/2014
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2013	Source: EPA
Date Data Arrived at EDR: 07/17/2013	Telephone: 202-566-0500
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 07/18/2014
Number of Days to Update: 107	Next Scheduled EDR Contact: 10/27/2014
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/22/2013	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 08/02/2013	Telephone: 301-415-7169
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 09/08/2014
Number of Days to Update: 91	Next Scheduled EDR Contact: 12/22/2014
	Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/07/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/10/2014	Telephone: 202-343-9775
Date Made Active in Reports: 07/28/2014	Last EDR Contact: 07/10/2014
Number of Days to Update: 18	Next Scheduled EDR Contact: 10/20/2014
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/18/2013	Source: EPA
Date Data Arrived at EDR: 02/27/2014	Telephone: (404) 562-9900
Date Made Active in Reports: 03/12/2014	Last EDR Contact: 09/10/2014
Number of Days to Update: 13	Next Scheduled EDR Contact: 12/22/2014
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

RMP: Risk Management Plans

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/23/2014	Telephone: 202-564-8600
Date Made Active in Reports: 07/28/2014	Last EDR Contact: 07/22/2014
Number of Days to Update: 66	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Varies

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2011	Source: EPA/NTIS
Date Data Arrived at EDR: 02/26/2013	Telephone: 800-424-9346
Date Made Active in Reports: 04/19/2013	Last EDR Contact: 08/29/2014
Number of Days to Update: 52	Next Scheduled EDR Contact: 12/08/2014
	Data Release Frequency: Biennially

UIC: Underground Injection Wells Database Listing

A listing of Class I wells. Class I wells are used to inject hazardous waste, nonhazardous waste, or municipal waste below the lowermost USDW.

Date of Government Version: 07/28/2014	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/30/2014	Telephone: 850-245-8655
Date Made Active in Reports: 09/03/2014	Last EDR Contact: 07/25/2014
Number of Days to Update: 35	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Varies

DRYCLEANERS: Drycleaning Facilities

The Drycleaners database, maintained by the Department of Environmental Protection, provides information about permitted dry cleaner facilities.

Date of Government Version: 07/16/2014	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/28/2014	Telephone: 850-245-8927
Date Made Active in Reports: 08/11/2014	Last EDR Contact: 07/28/2014
Number of Days to Update: 14	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Semi-Annually

DEDB: Ethylene Dibromide Database Results

Ethylene dibromide (EDB), a soil fumigant, that has been detected in drinking water wells. The amount found exceeds the maximum contaminant level as stated in Chapter 62-550 or 520. It is a potential threat to public health when present in drinking water.

Date of Government Version: 07/14/2014	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/28/2014	Telephone: 850-245-8335
Date Made Active in Reports: 08/04/2014	Last EDR Contact: 10/03/2014
Number of Days to Update: 7	Next Scheduled EDR Contact: 01/05/2015
	Data Release Frequency: Varies

COMET: Compliance and Enforcement Tracking database

Statewide coverage of Compliance & Enforcement Tracking (COMET) Facilities. The COMET database contains inspection data for facilities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/05/2014
Date Data Arrived at EDR: 09/05/2014
Date Made Active in Reports: 09/17/2014
Number of Days to Update: 12

Source: Department of Environmental Protection
Telephone: 850-245-8707
Last EDR Contact: 09/04/2014
Next Scheduled EDR Contact: 12/15/2014
Data Release Frequency: Varies

WASTEWATER: Wastewater Facility Regulation Database

Domestic and industrial wastewater facilities.

Date of Government Version: 08/01/2014
Date Data Arrived at EDR: 08/13/2014
Date Made Active in Reports: 09/03/2014
Number of Days to Update: 21

Source: Department of Environmental Protection
Telephone: 850-245-8600
Last EDR Contact: 08/13/2014
Next Scheduled EDR Contact: 11/24/2014
Data Release Frequency: Quarterly

AIRS: Permitted Facilities Listing

A listing of Air Resources Management permits.

Date of Government Version: 08/01/2014
Date Data Arrived at EDR: 08/05/2014
Date Made Active in Reports: 08/11/2014
Number of Days to Update: 6

Source: Department of Environmental Protection
Telephone: 850-921-9558
Last EDR Contact: 07/31/2014
Next Scheduled EDR Contact: 11/17/2014
Data Release Frequency: Varies

FL Cattle Dip. Vats: Cattle Dipping Vats

From the 1910's through the 1950's, these vats were filled with an arsenic solution for the control and eradication of the cattle fever tick. Other pesticides, such as DDT, were also widely used. By State law, all cattle, horses, mules, goats, and other susceptible animals were required to be dipped every 14 days. Under certain circumstances, the arsenic and other pesticides remaining at the site may present an environmental or public health hazard.

Date of Government Version: 02/04/2005
Date Data Arrived at EDR: 06/29/2007
Date Made Active in Reports: 07/11/2007
Number of Days to Update: 12

Source: Department of Environmental Protection
Telephone: 850-488-3601
Last EDR Contact: 07/08/2014
Next Scheduled EDR Contact: 10/27/2014
Data Release Frequency: No Update Planned

TIER 2: Tier 2 Facility Listing

A listing of facilities which store or manufacture hazardous materials that submit a chemical inventory report.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/20/2014
Date Made Active in Reports: 07/14/2014
Number of Days to Update: 24

Source: Department of Environmental Protection
Telephone: 850-413-9970
Last EDR Contact: 09/15/2014
Next Scheduled EDR Contact: 12/29/2014
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/18/2014
Next Scheduled EDR Contact: 10/27/2014
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 07/25/2014
Next Scheduled EDR Contact: 11/03/2014
Data Release Frequency: Varies

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/15/2014
Next Scheduled EDR Contact: 11/24/2014
Data Release Frequency: Varies

DWM CONTAM: DWM CONTAMINATED SITES

A listing of active or known sites. The listing includes sites that need cleanup but are not actively being working on because the agency currently does not have funding (primarily petroleum and drycleaning).

Date of Government Version: 03/31/2014
Date Data Arrived at EDR: 04/22/2014
Date Made Active in Reports: 05/06/2014
Number of Days to Update: 14

Source: Department of Environmental Protection
Telephone: 850-245-7503
Last EDR Contact: 07/11/2014
Next Scheduled EDR Contact: 10/27/2014
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 06/04/2014
Date Data Arrived at EDR: 06/12/2014
Date Made Active in Reports: 07/28/2014
Number of Days to Update: 46

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 10/06/2014
Next Scheduled EDR Contact: 01/19/2015
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/15/2013
Date Data Arrived at EDR: 07/03/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 72

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 09/30/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Quarterly

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/18/2014
Next Scheduled EDR Contact: 10/27/2014
Data Release Frequency: N/A

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/19/2014
Date Data Arrived at EDR: 06/20/2014
Date Made Active in Reports: 07/28/2014
Number of Days to Update: 38

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 08/14/2014
Next Scheduled EDR Contact: 12/01/2014
Data Release Frequency: Quarterly

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities.

Date of Government Version: 08/04/2014
Date Data Arrived at EDR: 08/05/2014
Date Made Active in Reports: 08/13/2014
Number of Days to Update: 8

Source: Department of Environmental Protection
Telephone: 850-245-8743
Last EDR Contact: 07/31/2014
Next Scheduled EDR Contact: 11/17/2014
Data Release Frequency: Varies

Financial Assurance 3: Financial Assurance Information Listing

A listing of financial assurance information for storage tanks sites.

Date of Government Version: 07/16/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 08/13/2014
Number of Days to Update: 7

Source: Department of Environmental Protection
Telephone: 850-245-8853
Last EDR Contact: 08/06/2014
Next Scheduled EDR Contact: 11/17/2014
Data Release Frequency: Quarterly

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 03/14/2014
Date Data Arrived at EDR: 06/11/2014
Date Made Active in Reports: 07/28/2014
Number of Days to Update: 47

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 09/10/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 07/18/2014
Next Scheduled EDR Contact: 10/27/2014
Data Release Frequency: Varies

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/23/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 30

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/29/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/23/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 30

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/29/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Annually

Financial Assurance 1: Financial Assurance Information Listing

A list of hazardous waste facilities required to provide financial assurance under RCRA.

Date of Government Version: 07/31/2014
Date Data Arrived at EDR: 08/05/2014
Date Made Active in Reports: 08/13/2014
Number of Days to Update: 8

Source: Department of Environmental Protection
Telephone: 850-245-8793
Last EDR Contact: 07/31/2014
Next Scheduled EDR Contact: 11/17/2014
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/01/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Varies

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 08/15/2014
Next Scheduled EDR Contact: 11/24/2014
Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Protection in Florida.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Protection in Florida.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Protection in Florida.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/10/2014
Number of Days to Update: 193

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALACHUA COUNTY:

Facility List

List of all regulated facilities in Alachua County.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 06/05/2014
Date Made Active in Reports: 07/02/2014
Number of Days to Update: 27

Source: Alachua County Environmental Protection Department
Telephone: 352-264-6800
Last EDR Contact: 09/29/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Annually

BROWARD COUNTY:

Aboveground Storage Tanks

Aboveground storage tank locations in Broward County.

Date of Government Version: 06/02/2014
Date Data Arrived at EDR: 06/04/2014
Date Made Active in Reports: 06/12/2014
Number of Days to Update: 8

Source: Broward County Environmental Protection Department
Telephone: 954-818-7509
Last EDR Contact: 09/02/2014
Next Scheduled EDR Contact: 12/15/2014
Data Release Frequency: Varies

Hazardous Material Sites

HM sites use or store greater than 25 gallons of hazardous materials per month.

Date of Government Version: 06/02/2014
Date Data Arrived at EDR: 06/04/2014
Date Made Active in Reports: 06/12/2014
Number of Days to Update: 8

Source: Broward County Environmental Protection Department
Telephone: 954-818-7509
Last EDR Contact: 09/02/2014
Next Scheduled EDR Contact: 12/15/2014
Data Release Frequency: Annually

Underground Storage Tanks

All known regulated storage tanks within Broward County, including those tanks that have been closed

Date of Government Version: 06/02/2014
Date Data Arrived at EDR: 06/04/2014
Date Made Active in Reports: 06/12/2014
Number of Days to Update: 8

Source: Broward County Environmental Protection Department
Telephone: 954-818-7509
Last EDR Contact: 06/02/2014
Next Scheduled EDR Contact: 09/15/2014
Data Release Frequency: Annually

HILLSBOROUGH COUNTY:

HILLSBOROUGH CO LF

Hillsborough county landfill sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/01/2010
Date Data Arrived at EDR: 01/18/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 34

Source: Hillsborough County Environmental Protection Commission
Telephone: 813-627-2600
Last EDR Contact: 07/11/2014
Next Scheduled EDR Contact: 10/27/2014
Data Release Frequency: Varies

MIAMI-DADE COUNTY:

Air Permit Sites

Facilities that release or have a potential to release pollutants.

Date of Government Version: 06/02/2014
Date Data Arrived at EDR: 06/03/2014
Date Made Active in Reports: 06/12/2014
Number of Days to Update: 9

Source: Department of Environmental Resources Management
Telephone: 305-372-6755
Last EDR Contact: 09/03/2014
Next Scheduled EDR Contact: 12/15/2014
Data Release Frequency: Semi-Annually

Marine Facilities Operating Permit

What is this permit used for? Miami-Dade County Ordinance 89-104 and Section 24-18 of the Code of Miami-Dade County require the following types of marine facilities to obtain annual operating permits from DERM: All recreational boat docking facilities with ten (10) or more boat slips, moorings, davit spaces, and vessel tie-up spaces. All boat storage facilities contiguous to tidal waters in Miami-Dade County with ten (10) or more dry storage spaces including boatyards and boat manufacturing facilities.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/04/2014
Date Made Active in Reports: 03/25/2014
Number of Days to Update: 21

Source: DERM
Telephone: 305-372-3576
Last EDR Contact: 09/03/2014
Next Scheduled EDR Contact: 12/15/2014
Data Release Frequency: Quarterly

Miami River Enforcement

The Miami River Enforcement database files were created for facilities and in some instances vessels that were inspected by a workgroup within the Department that was identified as the Miami River Enforcement Group. The files do not all necessarily reflect enforcement cases and some were created for locations that were permitted by other Sections within the Department.

Date of Government Version: 06/05/2013
Date Data Arrived at EDR: 06/06/2013
Date Made Active in Reports: 08/06/2013
Number of Days to Update: 61

Source: DERM
Telephone: 305-372-3576
Last EDR Contact: 09/03/2014
Next Scheduled EDR Contact: 12/15/2014
Data Release Frequency: Quarterly

Hazardous Waste Sites

Sites with the potential to generate waste

Date of Government Version: 06/02/2014
Date Data Arrived at EDR: 06/03/2014
Date Made Active in Reports: 06/12/2014
Number of Days to Update: 9

Source: Dade County Department of Environmental Resources Management
Telephone: 305-372-6755
Last EDR Contact: 09/03/2014
Next Scheduled EDR Contact: 12/15/2014
Data Release Frequency: Semi-Annually

Industrial Waste Type 2-4 Sites

IW2s are facilities having reclaim or recycling systems with no discharges, aboveground holding tanks or spill prevention and countermeasure plans. IW4s are facilities that discharge an effluent to the ground.

Date of Government Version: 06/02/2014
Date Data Arrived at EDR: 06/03/2014
Date Made Active in Reports: 06/12/2014
Number of Days to Update: 9

Source: Department of Environmental Resources Management
Telephone: 305-372-6700
Last EDR Contact: 09/03/2014
Next Scheduled EDR Contact: 12/15/2014
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Industrial Waste Type 5 Sites

Generally these facilities fall under the category of "conditionally exempt small quantity generator" or "small quantity generator".

Date of Government Version: 06/02/2014
Date Data Arrived at EDR: 06/03/2014
Date Made Active in Reports: 06/12/2014
Number of Days to Update: 9

Source: Department of Environmental Resources Management
Telephone: 305-372-6700
Last EDR Contact: 09/03/2014
Next Scheduled EDR Contact: 12/15/2014
Data Release Frequency: Semi-Annually

Industrial Waste Type 6

Permits issued to those non-residential land uses located within the major drinking water wellfield protection areas that are not served by sanitary sewers. These facilities do not handle hazardous materials but are regulated because of the env. sensitivity of the areas where they are located.

Date of Government Version: 06/02/2014
Date Data Arrived at EDR: 06/03/2014
Date Made Active in Reports: 06/12/2014
Number of Days to Update: 9

Source: Department of Environmental Resources Management
Telephone: 305-372-6700
Last EDR Contact: 09/03/2014
Next Scheduled EDR Contact: 12/15/2014
Data Release Frequency: Semi-Annually

Industrial Waste Permit Sites

Facilities that either generate more than 25,000 of wastewater per day to sanitary sewers or are pre-defined by EPA.

Date of Government Version: 06/02/2014
Date Data Arrived at EDR: 06/03/2014
Date Made Active in Reports: 06/11/2014
Number of Days to Update: 8

Source: Department of Environmental Resources Management
Telephone: 305-372-6700
Last EDR Contact: 09/03/2014
Next Scheduled EDR Contact: 12/15/2014
Data Release Frequency: Semi-Annually

Enforcement Case Tracking System Sites

Enforcement cases monitored by the Dade County Department of Environmental Resources Management.

Date of Government Version: 06/02/2014
Date Data Arrived at EDR: 06/03/2014
Date Made Active in Reports: 06/11/2014
Number of Days to Update: 8

Source: Department of Environmental Resources Management
Telephone: 305-372-6755
Last EDR Contact: 09/03/2014
Next Scheduled EDR Contact: 12/15/2014
Data Release Frequency: Semi-Annually

Fuel Spills Cases

DERM documents fuel spills of sites that are not in a state program.

Date of Government Version: 01/08/2009
Date Data Arrived at EDR: 01/13/2009
Date Made Active in Reports: 02/05/2009
Number of Days to Update: 23

Source: Department of Environmental Resources Management
Telephone: 305-372-6755
Last EDR Contact: 09/03/2014
Next Scheduled EDR Contact: 12/15/2014
Data Release Frequency: Semi-Annually

Storage Tanks

A listing of aboveground and underground storage tank site locations.

Date of Government Version: 06/02/2014
Date Data Arrived at EDR: 06/03/2014
Date Made Active in Reports: 06/11/2014
Number of Days to Update: 8

Source: Department of Environmental Resource Management
Telephone: 305-372-6700
Last EDR Contact: 09/03/2014
Next Scheduled EDR Contact: 12/15/2014
Data Release Frequency: Semi-Annually

PALM BEACH COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PALM BEACH CO. LF

Palm Beach County Inventory of Solid Waste Sites.

Date of Government Version: 09/01/2011

Date Data Arrived at EDR: 09/20/2011

Date Made Active in Reports: 10/10/2011

Number of Days to Update: 20

Source: Palm Beach County Solid Waste Authority

Telephone: 561-640-4000

Last EDR Contact: 09/19/2014

Next Scheduled EDR Contact: 12/29/2014

Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013

Date Data Arrived at EDR: 08/19/2013

Date Made Active in Reports: 10/03/2013

Number of Days to Update: 45

Source: Department of Energy & Environmental Protection

Telephone: 860-424-3375

Last EDR Contact: 08/19/2014

Next Scheduled EDR Contact: 12/01/2014

Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011

Date Data Arrived at EDR: 07/19/2012

Date Made Active in Reports: 08/28/2012

Number of Days to Update: 40

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 07/17/2014

Next Scheduled EDR Contact: 10/27/2014

Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 05/01/2014

Date Data Arrived at EDR: 05/07/2014

Date Made Active in Reports: 06/10/2014

Number of Days to Update: 34

Source: Department of Environmental Conservation

Telephone: 518-402-8651

Last EDR Contact: 08/07/2014

Next Scheduled EDR Contact: 11/17/2014

Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2013

Date Data Arrived at EDR: 07/21/2014

Date Made Active in Reports: 08/25/2014

Number of Days to Update: 35

Source: Department of Environmental Protection

Telephone: 717-783-8990

Last EDR Contact: 07/18/2014

Next Scheduled EDR Contact: 11/03/2014

Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013

Date Data Arrived at EDR: 07/15/2014

Date Made Active in Reports: 08/13/2014

Number of Days to Update: 29

Source: Department of Environmental Management

Telephone: 401-222-2797

Last EDR Contact: 08/26/2014

Next Scheduled EDR Contact: 12/08/2014

Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2013

Date Data Arrived at EDR: 06/20/2014

Date Made Active in Reports: 08/07/2014

Number of Days to Update: 48

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 09/15/2014

Next Scheduled EDR Contact: 12/29/2014

Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Department of Children & Families

Source: Provider Information

Telephone: 850-488-4900

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory

Source: Department of Environmental Protection

Telephone: 850-245-8238

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

CRESCENT CITY, FL
913 N. SUMMIT ST
CRESCENT CITY, FL 32112

TARGET PROPERTY COORDINATES

Latitude (North):	29.4432 - 29° 26' 35.52"
Longitude (West):	81.5117 - 81° 30' 42.12"
Universal Transverse Mercator:	Zone 17
UTM X (Meters):	450373.2
UTM Y (Meters):	3257021.2
Elevation:	53 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	29081-D5 CRESCENT CITY, FL
Most Recent Revision:	1998

East Map:	29081-D4 SAINT JOHNS PARK, FL
Most Recent Revision:	1983

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

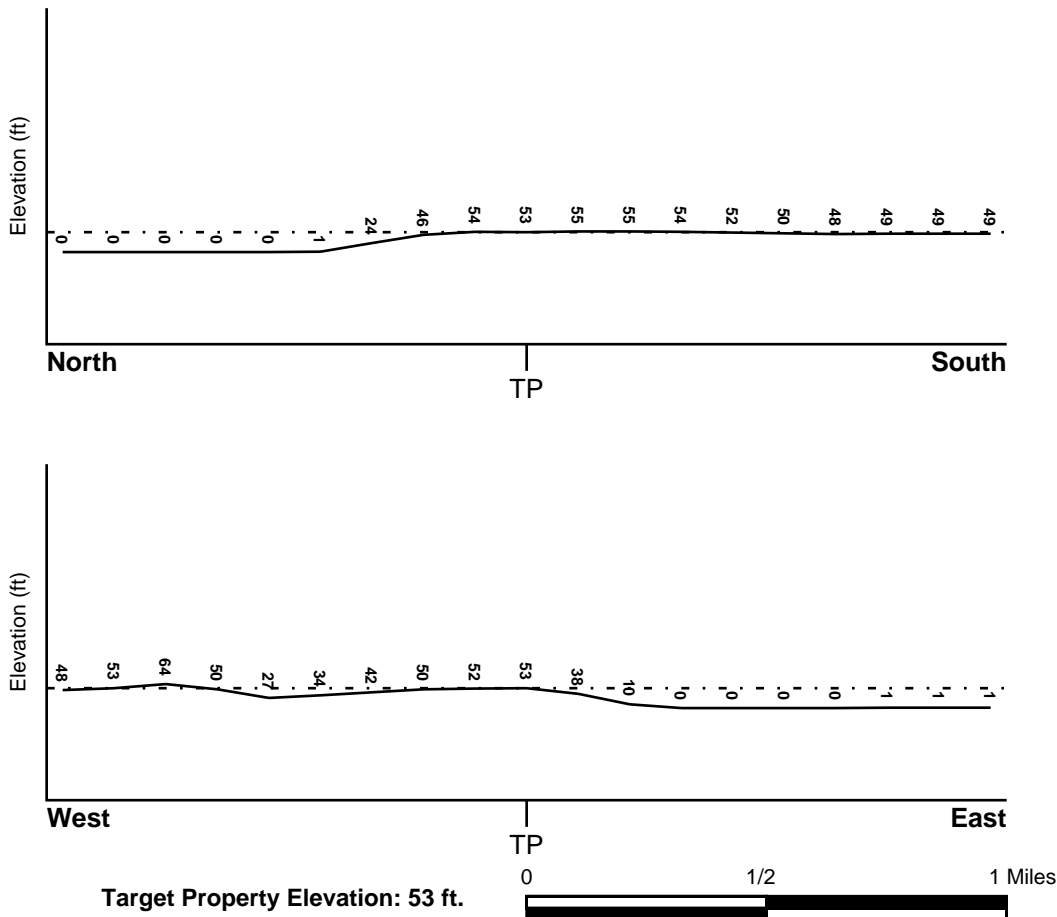
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General ENE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Target Property County</u> PUTNAM, FL	FEMA Flood <u>Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	1204080001A - FEMA Q3 Flood data
Additional Panels in search area:	1202720410A - FEMA Q3 Flood data 1202720430A - FEMA Q3 Flood data 1202720440A - FEMA Q3 Flood data 1202720420A - FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> CRESCENT CITY	NWI Electronic <u>Data Coverage</u> YES - refer to the Overview Map and Detail Map
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HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data:*

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era: Cenozoic
System: Quaternary
Series: Holocene
Code: Qh (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: CANDLER

Soil Surface Texture: sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively. Soils have very high and high hydraulic conductivity and low water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: LOW

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 20.00 Min: 6.00	Max: 6.00 Min: 4.50
2	5 inches	67 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 20.00 Min: 6.00	Max: 6.00 Min: 4.50
3	67 inches	95 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 6.00 Min: 4.50
4	95 inches	99 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 6.00 Min: 4.50

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: fine sand

Surficial Soil Types: fine sand

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: sand
coarse sand
fine sand

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
19	USGS40000249820	1/2 - 1 Mile South

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
12	FL2544381	1/2 - 1 Mile SSW

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

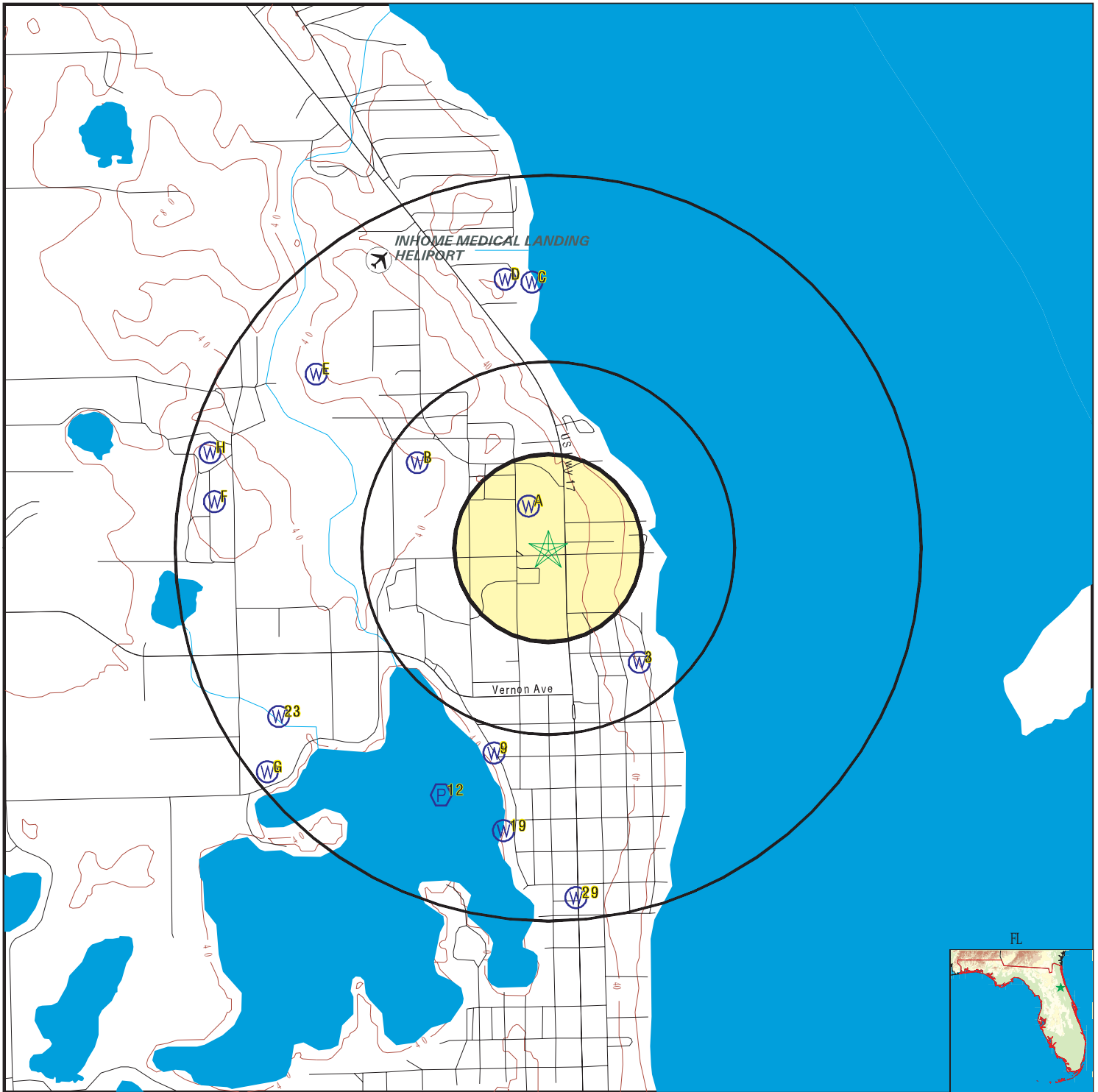
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	FLSJ70000042211	0 - 1/8 Mile NNW
A2	FLSJ70000042216	1/8 - 1/4 Mile NNW
3	FLSA70000072822	1/4 - 1/2 Mile SE
B4	FLSJ70000042279	1/4 - 1/2 Mile NW
B5	FLSJ70000042280	1/4 - 1/2 Mile NW
B6	FLSJ70000042281	1/4 - 1/2 Mile NW
B7	FLSJ70000042249	1/4 - 1/2 Mile WNW
B8	FLSJ70000042250	1/4 - 1/2 Mile WNW
9	FLDGW4000007006	1/2 - 1 Mile SSW
C10	FLSJ70000042395	1/2 - 1 Mile North
C11	FLSJ70000042394	1/2 - 1 Mile North
D13	FLSJ70000042403	1/2 - 1 Mile North
D14	FLSJ70000042404	1/2 - 1 Mile North
D15	FLSJ70000042405	1/2 - 1 Mile North
C16	FLSJ70000042406	1/2 - 1 Mile North
C17	FLSJ70000042407	1/2 - 1 Mile North
C18	FLSJ70000042408	1/2 - 1 Mile North
E20	FLSJ70000042339	1/2 - 1 Mile NW
E21	FLSJ70000042340	1/2 - 1 Mile NW
E22	FLSJ70000042341	1/2 - 1 Mile NW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
23	FLSJ70000042061	1/2 - 1 Mile WSW
F24	FLSJ70000042218	1/2 - 1 Mile West
F25	FLSJ70000042217	1/2 - 1 Mile West
F26	FLSJ70000042220	1/2 - 1 Mile West
F27	FLSJ70000042219	1/2 - 1 Mile West
G28	FLDGW4000001591	1/2 - 1 Mile SW
29	FLSA70000072788	1/2 - 1 Mile South
H30	FLSJ70000042289	1/2 - 1 Mile WNW
H31	FLSJ70000042290	1/2 - 1 Mile WNW
H32	FLSJ70000042291	1/2 - 1 Mile WNW
G33	FLSJ70000042030	1/2 - 1 Mile SW
G34	FLSJ70000042031	1/2 - 1 Mile SW
G35	FLSJ70000042032	1/2 - 1 Mile SW

PHYSICAL SETTING SOURCE MAP - 4099122.2s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells
- Sink holes

SITE NAME: Crescent City, FL
 ADDRESS: 913 N. Summit St
 Crescent City FL 32112
 LAT/LONG: 29.4432 / 81.5117

CLIENT: Tetra Tech EM, Inc.
 CONTACT: Cris Smith
 INQUIRY #: 4099122.2s
 DATE: October 08, 2014 1:13 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A1
NNW
0 - 1/8 Mile
Higher

FL WELLS FLSJ70000042211

Cur prmt i:	3705		
Offcl prmt:	3705		
Seq no:	1		
Stn id:	14132		
Stn alias :	2		
Prmt proj :	SPARKLE CLEAR ICE		
Determinat:	3	Gps:	N
Stnhdr det:	Digitize	Stn tp:	well
Stn stts:	Active	Proj stts :	Inactive
Well csng1:	0		
Well cur d:	245		
Well csng2:	4	Qa code:	0
Sect id:	19	Twtnshp id:	12S
Rng id:	28E	County:	Putnam
Source:	Floridan Aquifer		
Max cap qt:	100		
Lat no:	292641		
Long no:	813045		
Edit date:	06-SEP-11		
Objectid:	8776		
Editor:	Not Reported		
Dec lat:	29.44469325		
Dec long:	-81.51257087		
Archive:	N	Prod loade:	N
Site id:	FLSJ70000042211		

A2
NNW
1/8 - 1/4 Mile
Higher

FL WELLS FLSJ70000042216

Cur prmt i:	3705		
Offcl prmt:	3705		
Seq no:	1		
Stn id:	14131		
Stn alias :	1		
Prmt proj :	SPARKLE CLEAR ICE		
Determinat:	3	Gps:	N
Stnhdr det:	Digitize	Stn tp:	well
Stn stts:	Active	Proj stts :	Inactive
Well csng1:	0		
Well cur d:	245		
Well csng2:	4	Qa code:	0
Sect id:	19	Twtnshp id:	12S
Rng id:	28E	County:	Putnam
Source:	Floridan Aquifer		
Max cap qt:	100		
Lat no:	292642		
Long no:	813045		
Edit date:	03-FEB-10		
Objectid:	7451		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Editor: Sandra
 Dec lat: 29.44497096
 Dec long: -81.51257082
 Archive: N
 Site id: FLSJ70000042216

Prod load: N

3
SE
1/4 - 1/2 Mile
Lower

FL WELLS FLSA70000072822

Fluwid:	540002001	Well type:	Private Water Well
Status :	ACTIVE	Casing mat:	Not Reported
Longitude:	-81.50764		
Latitude:	29.43875		
Well depth:	0		
Length :	0		
Diameter:	0	Permit num:	Not Reported
Comment :	Not Reported	Name :	Not Reported
Sanit seal:	Not Reported	Last name:	Not Reported
First name:	Not Reported	Phone ext:	Not Reported
Phone:	Not Reported		
Lg pws:	0		
Datum:	WS1984		
Hae:	0		
Gps date:	26-OCT-07	Loc method:	ADDR
Project id:	ANDREW	Insp fname:	Not Reported
Insp lname:	Not Reported	Insp chd:	Not Reported
Req numb:	Not Reported	Property i:	Not Reported
County:	PUTNAM	Address:	706 N LAKE ST
Number :	706	Predir:	N
Prefix:	Not Reported	Street:	LAKE
Suffix:	ST	Postdir:	Not Reported
Zipcode:	32112	City:	CRESCENT CITY
Loc id:	485402		
Gps id:	485402		
Wsrp id:	540002001	Action:	UNFILTERED
Port stat:	POTABLE	Res type:	Not Reported
Other id:	Not Reported	Software:	Not Reported
Streetside:	Not Reported	Agency:	Not Reported
Parcel id:	Not Reported		
Pws design:	0		
Pws verify:	0		
Site id:	FLSA70000072822		

B4
NW
1/4 - 1/2 Mile
Lower

FL WELLS FLSJ70000042279

Cur prmt i:	50818	Gps:	N
Offcl prmt:	8108	Stn tp:	well
Seq no:	3	Proj stts :	Inactive
Stn id:	13941		
Stn alias :	A		
Prmt proj :	Shirley Height		
Determinat:	3		
Stnhdr det:	Digitize		
Stn stts:	Active		
Well csng1:	200		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well cur d:	360	Qa code:	0
Well csng2:	6	Twncshp id:	12S
Sect id:	19	County:	Putnam
Rng id:	28E		
Source:	Floridan Aquifer		
Max cap qt:	400		
Lat no:	292648		
Long no:	813102		
Edit date:	31-AUG-11		
Objectid:	11234		
Editor:	Not Reported		
Dec lat:	29.44663761		
Dec long:	-81.51729325		
Archive:	N	Prod loade:	N
Site id:	FLSJ70000042279		

**B5
NW
1/4 - 1/2 Mile
Lower**

FL WELLS FLSJ70000042280

Cur prmt i:	8108		
Offcl prmt:	8108		
Seq no:	1		
Stn id:	13941		
Stn alias :	A		
Prmt proj :	Crescent City		
Determinat:	0	Gps:	Not Reported
Stnhdr det:	Digitize	Stn tp:	well
Stn stts:	Active	Proj stts :	Inactive
Well csng1:	200		
Well cur d:	360		
Well csng2:	6	Qa code:	0
Sect id:	19	Twncshp id:	12S
Rng id:	28E	County:	Putnam
Source:	Floridan Aquifer		
Max cap qt:	400		
Lat no:	292648		
Long no:	813102		
Edit date:	05-OCT-11		
Objectid:	779042		
Editor:	ORACLEPROD		
Dec lat:	29.44663761		
Dec long:	-81.51729325		
Archive:	Y	Prod loade:	Y
Site id:	FLSJ70000042280		

**B6
NW
1/4 - 1/2 Mile
Lower**

FL WELLS FLSJ70000042281

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Cur prmt i:	3632		
Offcl prmt:	8108		
Seq no:	2		
Stn id:	13941		
Stn alias :	A		
Prmt proj :	James L. Bell		
Determinat:	0	Gps:	Not Reported
Stnhdr det:	Digitize	Stn tp:	well
Stn stts:	Active	Proj stts :	Inactive
Well csng1:	200		
Well cur d:	360		
Well csng2:	6	Qa code:	0
Sect id:	19	Twtnshp id:	12S
Rng id:	28E	County:	Putnam
Source:	Floridan Aquifer		
Max cap qt:	400		
Lat no:	292648		
Long no:	813102		
Edit date:	05-OCT-11		
Objectid:	779058		
Editor:	ORACLEPROD		
Dec lat:	29.44663761		
Dec long:	-81.51729325		
Archive:	Y	Prod loade:	Y
Site id:	FLSJ70000042281		

B7
WNW
1/4 - 1/2 Mile
Lower

FL WELLS FLSJ70000042249

Cur prmt i:	50818		
Offcl prmt:	8108		
Seq no:	3		
Stn id:	13942		
Stn alias :	B		
Prmt proj :	Shirley Height		
Determinat:	3	Gps:	N
Stnhdr det:	Digitize	Stn tp:	well
Stn stts:	Active	Proj stts :	Inactive
Well csng1:	0		
Well cur d:	0		
Well csng2:	4	Qa code:	0
Sect id:	19	Twtnshp id:	12S
Rng id:	28E	County:	Putnam
Source:	Floridan Aquifer		
Max cap qt:	0		
Lat no:	292647		
Long no:	813104		
Edit date:	13-AUG-09		
Objectid:	10852		
Editor:	Not Reported		
Dec lat:	29.44635982		
Dec long:	-81.51784886		
Archive:	N	Prod loade:	N
Site id:	FLSJ70000042249		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

B8
WNW
1/4 - 1/2 Mile
Lower

FL WELLS FLSJ70000042250

Cur prmt i:	3632		
Offcl prmt:	8108		
Seq no:	2		
Stn id:	13942		
Stn alias :	B		
Prmt proj :	James L. Bell		
Determinat:	0	Gps:	Not Reported
Stnhdr det:	Digitize	Stn tp:	well
Stn stts:	Active	Proj stts :	Inactive
Well csng1:	0		
Well cur d:	0		
Well csng2:	4	Qa code:	0
Sect id:	19	Twtnshp id:	12S
Rng id:	28E	County:	Putnam
Source:	Floridan Aquifer		
Max cap qt:	0		
Lat no:	292647		
Long no:	813104		
Edit date:	04-OCT-11		
Objectid:	779074		
Editor:	ORACLEPROD		
Dec lat:	29.44635982		
Dec long:	-81.51784886		
Archive:	Y	Prod loade:	Y
Site id:	FLSJ70000042250		

9
SSW
1/2 - 1 Mile
Lower

FL WELLS FLDGW4000007006

Pk station:	24000
Station na:	P-2037
Station al:	Not Reported
Waterbody :	UNKNOWN
Water reso:	CONFINED AQUIFER
Lat dd:	29
Lat mm:	26
Lat ss:	6.789
Long dd:	81
Long mm:	30
Long ss:	50.782
Cmcd coord:	DGPS
Dcd datum :	WGS84
Well type:	Not Reported
Well statu:	Not Reported
Well drill:	01-MAY-00
Well total:	160
Well casin:	110
Well scree:	0
Well scr 1:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well cas 1: 6
 Site id: FLDGW4000007006

C10
North
1/2 - 1 Mile
Lower

FL WELLS FLSJ70000042395

Cur prmt i:	66757		
Offcl prmt:	129		
Seq no:	3		
Stn id:	2466		
Stn alias :	1		
Prmt proj :	Gregory Cowart		
Determinat:	0	Gps:	Not Reported
Stnhdr det:	Digitize	Stn tp:	pump
Stn stts:	Removed	Proj stts :	Inactive
Well csng1:	0		
Well cur d:	0		
Well csng2:	0	Qa code:	0
Sect id:	0	Twncshp id:	Not Reported
Rng id:	Not Reported	County:	Putnam
Source:	Lake Crescent		
Max cap qt:	1500		
Lat no:	292711		
Long no:	813044		
Edit date:	04-OCT-11		
Objectid:	131666		
Editor:	ORACLEPROD		
Dec lat:	29.45299728		
Dec long:	-81.51208626		
Archive:	Y	Prod loade:	Y
Site id:	FLSJ70000042395		

C11
North
1/2 - 1 Mile
Lower

FL WELLS FLSJ70000042394

Cur prmt i:	130		
Offcl prmt:	129		
Seq no:	2		
Stn id:	2466		
Stn alias :	1		
Prmt proj :	GREGORY R. COWART		
Determinat:	0	Gps:	Not Reported
Stnhdr det:	Digitize	Stn tp:	pump
Stn stts:	Removed	Proj stts :	Inactive
Well csng1:	0		
Well cur d:	0		
Well csng2:	0	Qa code:	0
Sect id:	0	Twncshp id:	Not Reported
Rng id:	Not Reported	County:	Putnam
Source:	Lake Crescent		
Max cap qt:	1500		
Lat no:	292711		
Long no:	813044		
Edit date:	04-OCT-11		
Objectid:	131650		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Editor: ORACLEPROD
 Dec lat: 29.45299728
 Dec long: -81.51208626
 Archive: Y
 Site id: FLSJ70000042394
 Prod load: Y

12
SSW
1/2 - 1 Mile
Lower

FRDS PWS FL2544381

Epa region:	04	State:	FL
Pwsid:	FL2544381		
Pwsname:	PEN ICE		
City served:	Not Reported	State served:	FL
Zip served:	Not Reported	Fips county:	12107
Status:	Closed	Pop srvd:	25
Pwssvconn:	1	Source:	Groundwater
Pws type:	TNCWS	Owner:	Private
Contact:	PEN ICE		
Contact gname:	Not Reported		
Contact phone:	Not Reported	Contact address1:	Not Reported
Contact address2:	920 OAKWOOD STREET	Contact city:	CRESCENT CITY
Contact state:	FL	Contact zip:	32012
Activity code:	I		

Facid:	2		
Facname:	PLANT ID = 01 SOURCE ID = 00		
Facility type:	Treatment_plant	Activity code:	I
Treatment obj:	disinfection	Treatment process:	hypochlorination, post

PWS ID:	FL2544381		
Date Initiated:	Not Reported	Date Deactivated:	Not Reported
PWS Name:	PEN ICE		
	920 OAKWOOD STREET		
	CRESCENT CITY, FL 32012		

Addressee / Facility:	Not Reported
-----------------------	--------------

Facility Latitude:	29 26 00	Facility Longitude:	081 31 00
City Served:	Not Reported		
Treatment Class:	Treated	Population:	00000025

Violations information not reported.

D13
North
1/2 - 1 Mile
Lower

FL WELLS FLSJ70000042403

Cur prmt i:	92152		
Offcl prmt:	129		
Seq no:	4		
Stn id:	13777		
Stn alias :	A		
Prmt proj :	Church of Jesus Christ of Latter-Day Saints		
Determinat:	3	Gps:	N
Stnhdr det:	Digitize	Stn tp:	well
Stn stts:	Active	Proj stts :	Active
Well csng1:	78		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well cur d:	190	Qa code:	0
Well csng2:	6	Twtnshp id:	12S
Sect id:	18	County:	Putnam
Rng id:	28E		
Source:	Floridan Aquifer		
Max cap qt:	0		
Lat no:	292713		
Long no:	813049		
Edit date:	17-MAR-10		
Objectid:	10051		
Editor:	Sandra		
Dec lat:	29.45366779		
Dec long:	-81.51361115		
Archive:	N	Prod loade:	N
Site id:	FLSJ70000042403		

D14
North
1/2 - 1 Mile
Lower

FL WELLS FLSJ70000042404

Cur prmt i:	130		
Offcl prmt:	129		
Seq no:	2		
Stn id:	13777		
Stn alias :	A		
Prmt proj :	GREGORY R. COWART		
Determinat:	0	Gps:	Not Reported
Stnhdr det:	Digitize	Stn tp:	well
Stn stts:	Active	Proj stts :	Inactive
Well csng1:	78		
Well cur d:	190		
Well csng2:	6	Qa code:	0
Sect id:	18	Twtnshp id:	12S
Rng id:	28E	County:	Putnam
Source:	Floridan Aquifer		
Max cap qt:	0		
Lat no:	292713		
Long no:	813049		
Edit date:	05-OCT-11		
Objectid:	748002		
Editor:	ORACLEPROD		
Dec lat:	29.45366779		
Dec long:	-81.51361115		
Archive:	Y	Prod loade:	Y
Site id:	FLSJ70000042404		

D15
North
1/2 - 1 Mile
Lower

FL WELLS FLSJ70000042405

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Cur prmt i:	66757		
Offcl prmt:	129		
Seq no:	3		
Stn id:	13777		
Stn alias :	A		
Prmt proj :	Gregory Cowart		
Determinat:	0	Gps:	Not Reported
Stnhdr det:	Digitize	Stn tp:	well
Stn stts:	Active	Proj stts :	Inactive
Well csng1:	78		
Well cur d:	190		
Well csng2:	6	Qa code:	0
Sect id:	18	Twncshp id:	12S
Rng id:	28E	County:	Putnam
Source:	Floridan Aquifer		
Max cap qt:	0		
Lat no:	292713		
Long no:	813049		
Edit date:	05-OCT-11		
Objectid:	748018		
Editor:	ORACLEPROD		
Dec lat:	29.45366779		
Dec long:	-81.51361115		
Archive:	Y	Prod loade:	Y
Site id:	FLSJ70000042405		

**C16
North
1/2 - 1 Mile
Lower**

FL WELLS FLSJ70000042406

Cur prmt i:	92152		
Offcl prmt:	129		
Seq no:	4		
Stn id:	13778		
Stn alias :	B		
Prmt proj :	Church of Jesus Christ of Latter-Day Saints		
Determinat:	3	Gps:	N
Stnhdr det:	Digitize	Stn tp:	well
Stn stts:	Active	Proj stts :	Active
Well csng1:	73		
Well cur d:	190		
Well csng2:	4	Qa code:	0
Sect id:	18	Twncshp id:	12S
Rng id:	28E	County:	Putnam
Source:	Floridan Aquifer		
Max cap qt:	0		
Lat no:	292714		
Long no:	813045		
Edit date:	17-MAR-10		
Objectid:	10196		
Editor:	Sandra		
Dec lat:	29.45393126		
Dec long:	-81.51263219		
Archive:	N	Prod loade:	N
Site id:	FLSJ70000042406		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

C17
North
1/2 - 1 Mile
Lower

FL WELLS FLSJ70000042407

Cur prmt i:	66757		
Offcl prmt:	129		
Seq no:	3		
Stn id:	13778		
Stn alias :	B		
Prmt proj :	Gregory Cowart		
Determinat:	0	Gps:	Not Reported
Stnhdr det:	Digitize	Stn tp:	well
Stn stts:	Active	Proj stts :	Inactive
Well csng1:	73		
Well cur d:	190		
Well csng2:	4	Qa code:	0
Sect id:	18	TwnsHP id:	12S
Rng id:	28E	County:	Putnam
Source:	Floridan Aquifer		
Max cap qt:	0		
Lat no:	292714		
Long no:	813045		
Edit date:	05-OCT-11		
Objectid:	748034		
Editor:	ORACLEPROD		
Dec lat:	29.45393126		
Dec long:	-81.51263219		
Archive:	Y	Prod loade:	Y
Site id:	FLSJ70000042407		

C18
North
1/2 - 1 Mile
Lower

FL WELLS FLSJ70000042408

Cur prmt i:	130		
Offcl prmt:	129		
Seq no:	2		
Stn id:	13778		
Stn alias :	B		
Prmt proj :	GREGORY R. COWART		
Determinat:	0	Gps:	Not Reported
Stnhdr det:	Digitize	Stn tp:	well
Stn stts:	Active	Proj stts :	Inactive
Well csng1:	73		
Well cur d:	190		
Well csng2:	4	Qa code:	0
Sect id:	18	TwnsHP id:	12S
Rng id:	28E	County:	Putnam
Source:	Floridan Aquifer		
Max cap qt:	0		
Lat no:	292714		
Long no:	813045		
Edit date:	05-OCT-11		
Objectid:	748050		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Editor: ORACLEPROD
 Dec lat: 29.45393126
 Dec long: -81.51263219
 Archive: Y
 Site id: FLSJ70000042408

Prod loaded: Y

19
South
1/2 - 1 Mile
Lower

FED USGS USGS40000249820

Org. Identifier:	USGS-FL			
Formal name:	USGS Florida Water Science Center			
Monloc Identifier:	USGS-292555081305003			
Monloc name:	P-2037 REPLACEMENT WELL AT LAKE STELLA			
Monloc type:	Well			
Monloc desc:	POT MAP WELL			
Huc code:	03080103	Drainagearea value:	Not Reported	
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported	
Contrib drainagearea units:	Not Reported	Latitude:	29.4321958	
Longitude:	-81.5136845	Sourcemap scale:	Not Reported	
Horiz Acc measure:	1	Horiz Acc measure units:	seconds	
Horiz Collection method:	Long-range navigation system			
Horiz coord refsys:	NAD83	Vert measure val:	47.14	
Vert measure units:	feet	Vertacc measure val:	.01	
Vert accmeasure units:	feet			
Vertcollection method:	Level or other surveying method			
Vert coord refsys:	NGVD29	Countrycode:	US	
Aquifername:	Floridan aquifer system			
Formation type:	Floridan Aquifer System			
Aquifer type:	Confined single aquifer			
Construction date:	20000526	Welldepth:	160	
Welldepth units:	ft	Wellholedepth:	Not Reported	
Wellholedepth units:	Not Reported			

Ground-water levels, Number of Measurements: 9

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2004-09-21		25.28	2004-05-18		22.33
2003-09-16		24.34	2003-05-20		22.98
2002-09-19		23.84	2002-05-14		20.11
2001-09-26		24.16	2001-05-15		19.50
2000-09-13		21.88			

E20
NW
1/2 - 1 Mile
Higher

FL WELLS FLSJ70000042339

Cur prmt i:	50664			
Offcl prmt:	8180			
Seq no:	3			
Stn id:	14079			
Stn alias :	CHADS METER 923326			
Prmt proj :	Chad			
Determinat:	3	Gps:	N	
Stnhdr det:	Digitize	Stn tp:	well	
Stn stts:	Active	Proj stts :	Active	
Well csng1:	80			

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well cur d:	140	Qa code:	0
Well csng2:	8	Twncshp id:	12S
Sect id:	13	County:	Putnam
Rng id:	27E		
Source:	Floridan Aquifer		
Max cap qt:	1200		
Lat no:	292660		
Long no:	813119		
Edit date:	05-OCT-11		
Objectid:	1008		
Editor:	Not Reported		
Dec lat:	29.44997085		
Dec long:	-81.52201569		
Archive:	N	Prod loade:	N
Site id:	FLSJ70000042339		

**E21
NW
1/2 - 1 Mile
Higher**

FL WELLS FLSJ70000042340

Cur prmt i:	3680		
Offcl prmt:	8180		
Seq no:	2		
Stn id:	14079		
Stn alias :	CHADS METER 923326		
Prmt proj :	TIKI FERN INC.		
Determinat:	0	Gps:	Not Reported
Stnhdr det:	Digitize	Stn tp:	well
Stn stts:	Active	Proj stts :	Inactive
Well csng1:	80		
Well cur d:	140		
Well csng2:	8	Qa code:	0
Sect id:	13	Twncshp id:	12S
Rng id:	27E	County:	Putnam
Source:	Floridan Aquifer		
Max cap qt:	1200		
Lat no:	292660		
Long no:	813119		
Edit date:	04-OCT-11		
Objectid:	791154		
Editor:	ORACLEPROD		
Dec lat:	29.44997085		
Dec long:	-81.52201569		
Archive:	Y	Prod loade:	Y
Site id:	FLSJ70000042340		

**E22
NW
1/2 - 1 Mile
Higher**

FL WELLS FLSJ70000042341

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Cur prmt i:	8180		
Offcl prmt:	8180		
Seq no:	1		
Stn id:	14079		
Stn alias :	CHADS METER 923326		
Prmt proj :	TIKI FERN		
Determinat:	0	Gps:	Not Reported
Stnhdr det:	Digitize	Stn tp:	well
Stn stts:	Active	Proj stts :	Inactive
Well csng1:	80		
Well cur d:	140		
Well csng2:	8	Qa code:	0
Sect id:	13	Twtnshp id:	12S
Rng id:	27E	County:	Putnam
Source:	Floridan Aquifer		
Max cap qt:	1200		
Lat no:	292660		
Long no:	813119		
Edit date:	04-OCT-11		
Objectid:	791170		
Editor:	ORACLEPROD		
Dec lat:	29.44997085		
Dec long:	-81.52201569		
Archive:	Y	Prod loade:	Y
Site id:	FLSJ70000042341		

23
WSW
1/2 - 1 Mile
Lower

FL WELLS FLSJ70000042061

Cur prmt i:	8151		
Offcl prmt:	8151		
Seq no:	1		
Stn id:	2526		
Stn alias :	B		
Prmt proj :	TALOFA FRUIT CO		
Determinat:	0	Gps:	Not Reported
Stnhdr det:	Digitize	Stn tp:	pump
Stn stts:	Proposed	Proj stts :	Inactive
Well csng1:	0		
Well cur d:	0		
Well csng2:	0	Qa code:	0
Sect id:	24	Twtnshp id:	12S
Rng id:	27E	County:	Putnam
Source:	Lake Stella		
Max cap qt:	1500		
Lat no:	292612		
Long no:	813125		
Edit date:	04-OCT-11		
Objectid:	136306		
Editor:	ORACLEPROD		
Dec lat:	29.43663772		
Dec long:	-81.52368233		
Archive:	Y	Prod loade:	Y
Site id:	FLSJ70000042061		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

F24
West
1/2 - 1 Mile
Higher

FL WELLS FLSJ70000042218

Cur prmt i:	11309		
Offcl prmt:	50142		
Seq no:	3		
Stn id:	386		
Stn alias :	Well 2		
Prmt proj :	Hughes		
Determinat:	0	Gps:	Not Reported
Stnhdr det:	Digitize	Stn tp:	well
Stn stts:	Active	Proj stts :	Inactive
Well csng1:	120		
Well cur d:	330		
Well csng2:	8	Qa code:	0
Sect id:	24	Twtnshp id:	12S
Rng id:	27E	County:	Putnam
Source:	Floridan Aquifer		
Max cap qt:	0		
Lat no:	292642		
Long no:	813136		
Edit date:	29-SEP-11		
Objectid:	73570		
Editor:	ORACLEPROD		
Dec lat:	29.44500666		
Dec long:	-81.52653653		
Archive:	Y	Prod loade:	Y
Site id:	FLSJ70000042218		

F25
West
1/2 - 1 Mile
Higher

FL WELLS FLSJ70000042217

Cur prmt i:	124056		
Offcl prmt:	50142		
Seq no:	4		
Stn id:	386		
Stn alias :	Well 2		
Prmt proj :	Hughes		
Determinat:	0	Gps:	Y
Stnhdr det:	Digitize	Stn tp:	well
Stn stts:	Active	Proj stts :	Active
Well csng1:	120		
Well cur d:	330		
Well csng2:	8	Qa code:	0
Sect id:	24	Twtnshp id:	12S
Rng id:	27E	County:	Putnam
Source:	Floridan Aquifer		
Max cap qt:	0		
Lat no:	292642		
Long no:	813136		
Edit date:	05-JAN-06		
Objectid:	13090		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Editor:	Not Reported		
Dec lat:	29.44500666		
Dec long:	-81.52653653		
Archive:	N	Prod loaded:	N
Site id:	FLSJ70000042217		

**F26
West
1/2 - 1 Mile
Higher**

FL WELLS FLSJ70000042220

Cur prmt i:	11771		
Offcl prmt:	50142		
Seq no:	2		
Stn id:	386		
Stn alias :	Well 2		
Prmt proj :	Ronnie Hughes		
Determinat:	0	Gps:	Not Reported
Stnhdr det:	Digitize	Stn tp:	well
Stn stts:	Active	Proj stts :	Inactive
Well csng1:	120		
Well cur d:	330		
Well csng2:	8	Qa code:	0
Sect id:	24	Twnshp id:	12S
Rng id:	27E	County:	Putnam
Source:	Floridan Aquifer		
Max cap qt:	0		
Lat no:	292642		
Long no:	813136		
Edit date:	29-SEP-11		
Objectid:	73602		
Editor:	ORACLEPROD		
Dec lat:	29.44500666		
Dec long:	-81.52653653		
Archive:	Y	Prod loaded:	Y
Site id:	FLSJ70000042220		

**F27
West
1/2 - 1 Mile
Higher**

FL WELLS FLSJ70000042219

Cur prmt i:	50142		
Offcl prmt:	50142		
Seq no:	1		
Stn id:	386		
Stn alias :	Well 2		
Prmt proj :	Ronnie Hughes		
Determinat:	0	Gps:	Not Reported
Stnhdr det:	Digitize	Stn tp:	well
Stn stts:	Active	Proj stts :	Inactive
Well csng1:	120		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well cur d:	330	Qa code:	0
Well csng2:	8	Twnshp id:	12S
Sect id:	24	County:	Putnam
Rng id:	27E		
Source:	Floridan Aquifer		
Max cap qt:	0		
Lat no:	292642		
Long no:	813136		
Edit date:	29-SEP-11		
Objectid:	73586		
Editor:	ORACLEPROD		
Dec lat:	29.44500666		
Dec long:	-81.52653653		
Archive:	Y	Prod loade:	Y
Site id:	FLSJ70000042219		

G28
SW
1/2 - 1 Mile
Lower

FL WELLS FLDGW4000001591

Pk station:	1612
Station na:	P-0242
Station al:	Not Reported
Waterbody :	FLORIDAN AQUIFER SYSTEM
Water reso:	CONFINED AQUIFER
Lat dd:	29
Lat mm:	26
Lat ss:	5.552
Long dd:	81
Long mm:	31
Long ss:	24.241
Cmcd coord:	DGPS
Dcd datum :	WGS84
Well type:	GROUND WATER QUALITY MONITORING WELL
Well statu:	NON-FLOWING,NO PUMP
Well drill:	31-DEC-77
Well total:	135
Well casin:	105
Well scree:	105
Well scr 1:	135
Well cas 1:	4
Site id:	FLDGW4000001591

29
South
1/2 - 1 Mile
Lower

FL WELLS FLSA70000072788

Fluwid:	540000801	Well type:	Community Water System (>100,000 gallons/day)
Status :	ABANDONED	Casing mat:	Not Reported
Longitude:	-81.51046		
Latitude:	29.42959		
Well depth:	0		
Length :	0		
Diameter:	0	Permit num:	Not Reported
Comment :	Not Reported		
Sanit seal:	Not Reported	Name :	Not Reported
First name:	Not Reported	Last name:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Phone:	Not Reported	Phone ext:	Not Reported
Lg pws:	0		
Datum:	WS1984		
Hae:	0		
Gps date:	26-OCT-07	Loc method:	ADDR
Project id:	ANDREW	Insp fname:	Not Reported
Insp lname:	Not Reported	Insp chd:	Not Reported
Req numb:	Not Reported	Property i:	Not Reported
County:	PUTNAM	Address:	115 N SUMMIT ST
Number :	115	Predir:	N
Prefix:	Not Reported	Street:	SUMMIT
Suffix:	ST	Postdir:	Not Reported
Zipcode:	32112	City:	CRESCENT CITY
Loc id:	485380		
Gps id:	485380		
Wsrp id:	540000801	Action:	UNFILTERED
Port stat:	NON-POTABLE	Res type:	Not Reported
Other id:	Not Reported	Software:	Not Reported
Streetside:	Not Reported	Agency:	Not Reported
Parcel id:	Not Reported		
Pws design:	0		
Pws verify:	0		
Site id:	FLSA70000072788		

**H30
WNW
1/2 - 1 Mile
Higher**

FL WELLS FLSJ70000042289

Cur prmt i:	50608		
Offcl prmt:	7906		
Seq no:	7		
Stn id:	13563		
Stn alias :	A Kirk White		
Prmt proj :	John R. Newbold Jr		
Determinat:	3	Gps:	N
Stnhdr det:	Other/Unknown	Stn tp:	well
Stn stts:	Active	Proj stts :	Active
Well csng1:	110		
Well cur d:	400		
Well csng2:	8	Qa code:	0
Sect id:	24	Twshp id:	12S
Rng id:	27E	County:	Putnam
Source:	Floridan Aquifer		
Max cap qt:	1200		
Lat no:	292649		
Long no:	813136		
Edit date:	04-JUN-04		
Objectid:	8859		
Editor:	Not Reported		
Dec lat:	29.44691529		
Dec long:	-81.52673804		
Archive:	N	Prod loade:	N
Site id:	FLSJ70000042289		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

H31
WNW
1/2 - 1 Mile
Higher

FL WELLS FLSJ70000042290

Cur prmt i:	50495		
Offcl prmt:	7906		
Seq no:	6		
Stn id:	13563		
Stn alias :	A Kirk White		
Prmt proj :	Kirk White		
Determinat:	0	Gps:	Not Reported
Stnhdr det:	Other/Unknown	Stn tp:	well
Stn stts:	Active	Proj stts :	Never Active
Well csng1:	110		
Well cur d:	400		
Well csng2:	8	Qa code:	0
Sect id:	24	Twtnshp id:	12S
Rng id:	27E	County:	Putnam
Source:	Floridan Aquifer		
Max cap qt:	1200		
Lat no:	292649		
Long no:	813136		
Edit date:	29-SEP-11		
Objectid:	765010		
Editor:	ORACLEPROD		
Dec lat:	29.44691529		
Dec long:	-81.52673804		
Archive:	Y	Prod loade:	Y
Site id:	FLSJ70000042290		

H32
WNW
1/2 - 1 Mile
Higher

FL WELLS FLSJ70000042291

Cur prmt i:	3536		
Offcl prmt:	7906		
Seq no:	4		
Stn id:	13563		
Stn alias :	A Kirk White		
Prmt proj :	Kirk White		
Determinat:	0	Gps:	Not Reported
Stnhdr det:	Other/Unknown	Stn tp:	well
Stn stts:	Active	Proj stts :	Inactive
Well csng1:	110		
Well cur d:	400		
Well csng2:	8	Qa code:	0
Sect id:	24	Twtnshp id:	12S
Rng id:	27E	County:	Putnam
Source:	Floridan Aquifer		
Max cap qt:	1200		
Lat no:	292649		
Long no:	813136		
Edit date:	29-SEP-11		
Objectid:	765026		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Editor:	ORACLEPROD		
Dec lat:	29.44691529		
Dec long:	-81.52673804		
Archive:	Y	Prod loaded:	Y
Site id:	FLSJ70000042291		

**G33
SW
1/2 - 1 Mile
Lower**

FL WELLS FLSJ70000042030

Cur prmt i:	107947		
Offcl prmt:	8151		
Seq no:	4		
Stn id:	2527		
Stn alias :	1		
Prmt proj :	DMG Fernery		
Determinat:	3	Gps:	N
Stnhdr det:	Digitize	Stn tp:	pump
Stn stts:	Active	Proj stts :	Active
Well csng1:	0		
Well cur d:	0		
Well csng2:	0	Qa code:	0
Sect id:	24	Twnshp id:	12S
Rng id:	27E	County:	Putnam
Source:	Lake Stella		
Max cap qt:	1000		
Lat no:	292604		
Long no:	813128		
Edit date:	11-FEB-09		
Objectid:	9985		
Editor:	Sandra		
Dec lat:	29.4343565		
Dec long:	-81.52444622		
Archive:	N	Prod loaded:	N
Site id:	FLSJ70000042030		

**G34
SW
1/2 - 1 Mile
Lower**

FL WELLS FLSJ70000042031

Cur prmt i:	3654		
Offcl prmt:	8151		
Seq no:	2		
Stn id:	2527		
Stn alias :	1		
Prmt proj :	TALOFA FRUIT COMPANY		
Determinat:	0	Gps:	Not Reported
Stnhdr det:	Digitize	Stn tp:	pump
Stn stts:	Active	Proj stts :	Inactive
Well csng1:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well cur d:	0	Qa code:	0
Well csng2:	0	Twtnshp id:	12S
Sect id:	24	County:	Putnam
Rng id:	27E		
Source:	Lake Stella		
Max cap qt:	1000		
Lat no:	292604		
Long no:	813128		
Edit date:	05-OCT-11		
Objectid:	136322		
Editor:	ORACLEPROD		
Dec lat:	29.4343565		
Dec long:	-81.52444622		
Archive:	Y	Prod loade:	Y
Site id:	FLSJ70000042031		

**G35
SW
1/2 - 1 Mile
Lower**

FL WELLS FLSJ70000042032

Cur prmt i:	64985		
Offcl prmt:	8151		
Seq no:	3		
Stn id:	2527		
Stn alias :	1		
Prmt proj :	DMG Fernery		
Determinat:	0	Gps:	Not Reported
Stnhdr det:	Digitize	Stn tp:	pump
Stn stts:	Active	Proj stts :	Inactive
Well csng1:	0		
Well cur d:	0		
Well csng2:	0	Qa code:	0
Sect id:	24	Twtnshp id:	12S
Rng id:	27E	County:	Putnam
Source:	Lake Stella		
Max cap qt:	1000		
Lat no:	292604		
Long no:	813128		
Edit date:	05-OCT-11		
Objectid:	136338		
Editor:	ORACLEPROD		
Dec lat:	29.4343565		
Dec long:	-81.52444622		
Archive:	Y	Prod loade:	Y
Site id:	FLSJ70000042032		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: FL Radon

Radon Test Results

Zip	Total Buildings	% of sites > 4 pCi/L	Data Source
32112	1	0.0	Certified Residential Database
32112	4	0.0	Mandatory Non-Residential Database
32112	1	100	Mandatory Residential Database

Federal EPA Radon Zone for PUTNAM County: 3

- Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for PUTNAM COUNTY, FL

Number of sites tested: 11

Area	Average Activity	% < 4 pCi/L	% 4-20 pCi/L	% > 20 pCi/L
Living Area	0.580 pCi/L	100%	0%	0%
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory

Source: Department of Environmental Protection

Telephone: 850-245-8238

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

DEP GWIS - Generalized Water Information System Well Data

Source: Department of Environmental Protection

Telephone: 850-245-8507

Data collected for the Watershed Monitoring Section of the Department of Environmental Protection.

DOH and DEP Historic Study of Private Wells

Source: Department of Environmental Protection

Telephone: 850-559-0901

Historic database for private supply wells.

Well Construction Permitting Database

Source: Northwest Florida Water Management District

Telephone: 850-539-5999

Consumptive Use Permit Well Database

Source: St. Johns River Water Management District

Telephone: 386-329-4841

Permitted Well Location Database

Source: South Florida Water Management District

Telephone: 561-682-6877

Super Act Program Well Data

This table consists of data relating to all privately and publicly owned potable wells investigated as part of the SUPER Act program. The Florida Department of Health's SUPER Act Program (per Chapter 376.3071(4)(g), Florida Statutes), was given authority to provide field and laboratory services, toxicological risk assessments, investigations of drinking water contamination complaints and education of the public

Source: Department of Health

Telephone: 850-245-4250

Water Well Location Information

Source: Suwannee River Water Management District

Telephone: 386-796-7211

PHYSICAL SETTING SOURCE RECORDS SEARCHED

Water Well Permit Database

Source: Southwest Water Management District
Telephone: 352-796-7211

OTHER STATE DATABASE INFORMATION

Florida Sinkholes

Source: Department of Environmental Protection, Geological Survey
The sinkhole data was gathered by the Florida Sinkhole Research Institute, University of Florida.

Oil and Gas Permit Database

Source: Department of Environmental Protection
Telephone: 850-245-3194
Locations of all permitted wells in the state of Florida.

RADON

State Database: FL Radon

Source: Department of Health
Telephone: 850-245-4288
Zip Code Based Radon Data

Area Radon Information

Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

STREET AND ADDRESS INFORMATION

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9.4 HISTORICAL RESEARCH DOCUMENTATION



Crescent City, FL

913 N. Summit St

Crescent City, FL 32112

Inquiry Number: 4099122.9

October 10, 2014

The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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Date EDR Searched Historical Sources:

Aerial Photography October 10, 2014

Target Property:

913 N. Summit St

Crescent City, FL 32112

<u><i>Year</i></u>	<u><i>Scale</i></u>	<u><i>Details</i></u>	<u><i>Source</i></u>
1943	Aerial Photograph. Scale: 1"=600'	Flight Year: 1943	ASCS
1953	Aerial Photograph. Scale: 1"=600'	Flight Year: 1953	ASCS
1964	Aerial Photograph. Scale: 1"=600'	Flight Year: 1964	FL DOT
1971	Aerial Photograph. Scale: 1"=600'	Flight Year: 1971	FL DOT
1980	Aerial Photograph. Scale: 1"=600'	Flight Year: 1980	FL DOT
1999	Aerial Photograph. Scale: 1"=500'	/DOQQ - acquisition dates: 1999	USGS/DOQQ
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	USDA/NAIP
2006	Aerial Photograph. Scale: 1"=500'	Flight Year: 2006	USDA/NAIP
2007	Aerial Photograph. Scale: 1"=500'	Flight Year: 2007	USDA/NAIP
2010	Aerial Photograph. Scale: 1"=500'	Flight Year: 2010	USDA/NAIP



Site

INQUIRY #: 4099122.9

YEAR: 1943

| = 600'





Site

INQUIRY #: 4099122.9

YEAR: 1953

| = 600'





Site

INQUIRY #: 4099122.9

YEAR: 1964

| = 600'





Site



INQUIRY #: 4099122.9

YEAR: 1971

| = 600'





Site

INQUIRY #: 4099122.9

YEAR: 1980

| = 600'





Site

INQUIRY #: 4099122.9

YEAR: 1999

| = 500'





Site

INQUIRY #: 4099122.9

YEAR: 2005

| = 500'





Site

INQUIRY #: 4099122.9

YEAR: 2006

| = 500'





Site



INQUIRY #: 4099122.9

YEAR: 2007

| = 500'





Site

INQUIRY #: 4099122.9

YEAR: 2010

| = 500'





Crescent City, FL

913 N. Summit St

Crescent City, FL 32112

Inquiry Number: 4099122.3

October 08, 2014

Certified Sanborn® Map Report



6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

10/08/14

Site Name:

Crescent City, FL
913 N. Summit St
Crescent City, FL 32112

Client Name:

Tetra Tech EM, Inc.
712 Melrose Avenue
Nashville, TN 37211

EDR Inquiry # 4099122.3

Contact: Cris Smith



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Tetra Tech EM, Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

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Certified Sanborn Results:

Site Name: Crescent City, FL
Address: 913 N. Summit St
City, State, Zip: Crescent City, FL 32112
Cross Street:
P.O. # NA
Project: 103P2210119
Certification # 8766-4EF3-92D5



Sanborn® Library search results
Certification # 8766-4EF3-92D5

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

The Sanborn Library LLC Since 1866™

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Crescent City, FL

913 N. Summit St

Crescent City, FL 32112

Inquiry Number: 4099122.4

October 08, 2014

EDR Historical Topographic Map Report



6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

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with any questions or comments.

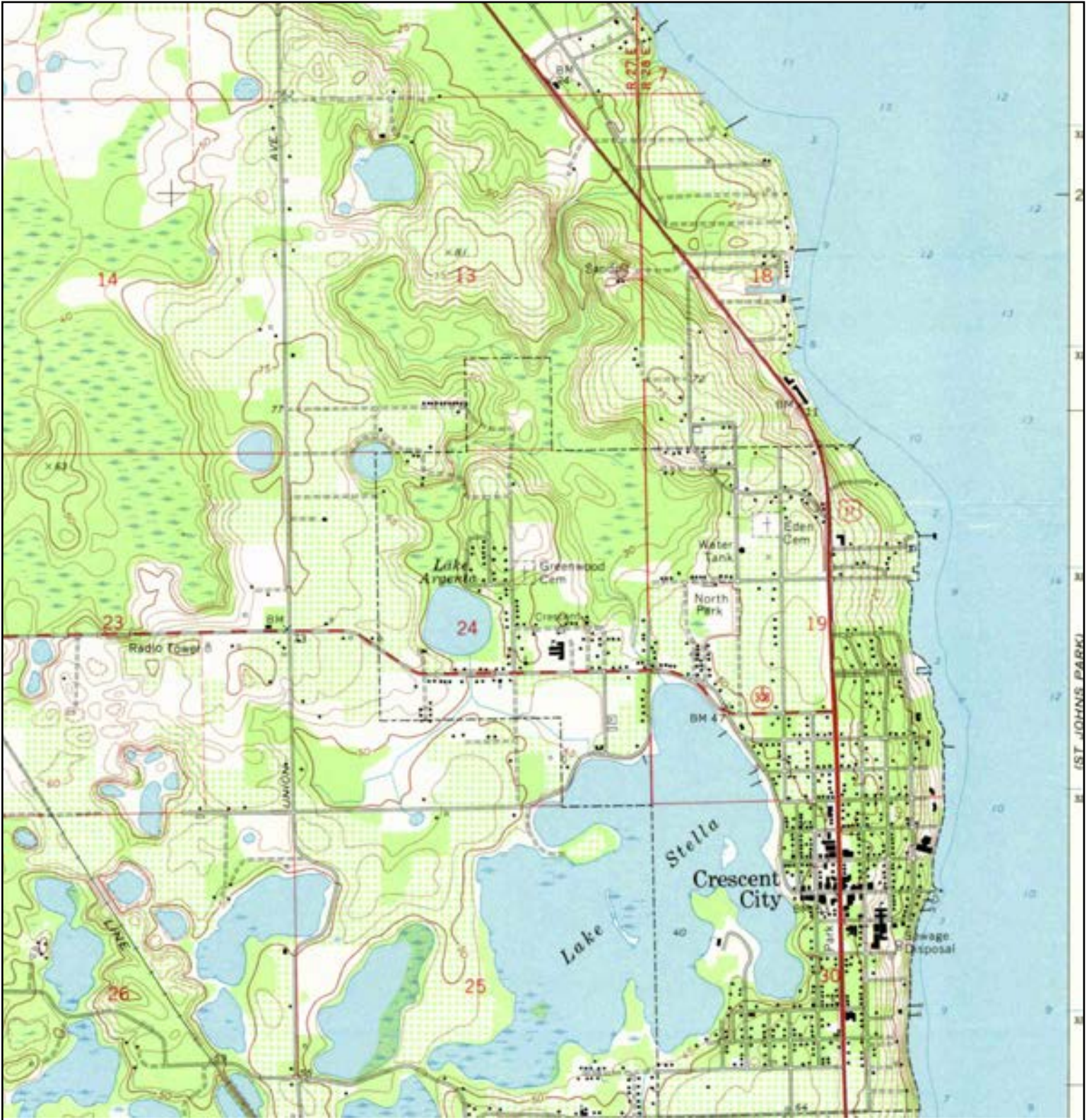
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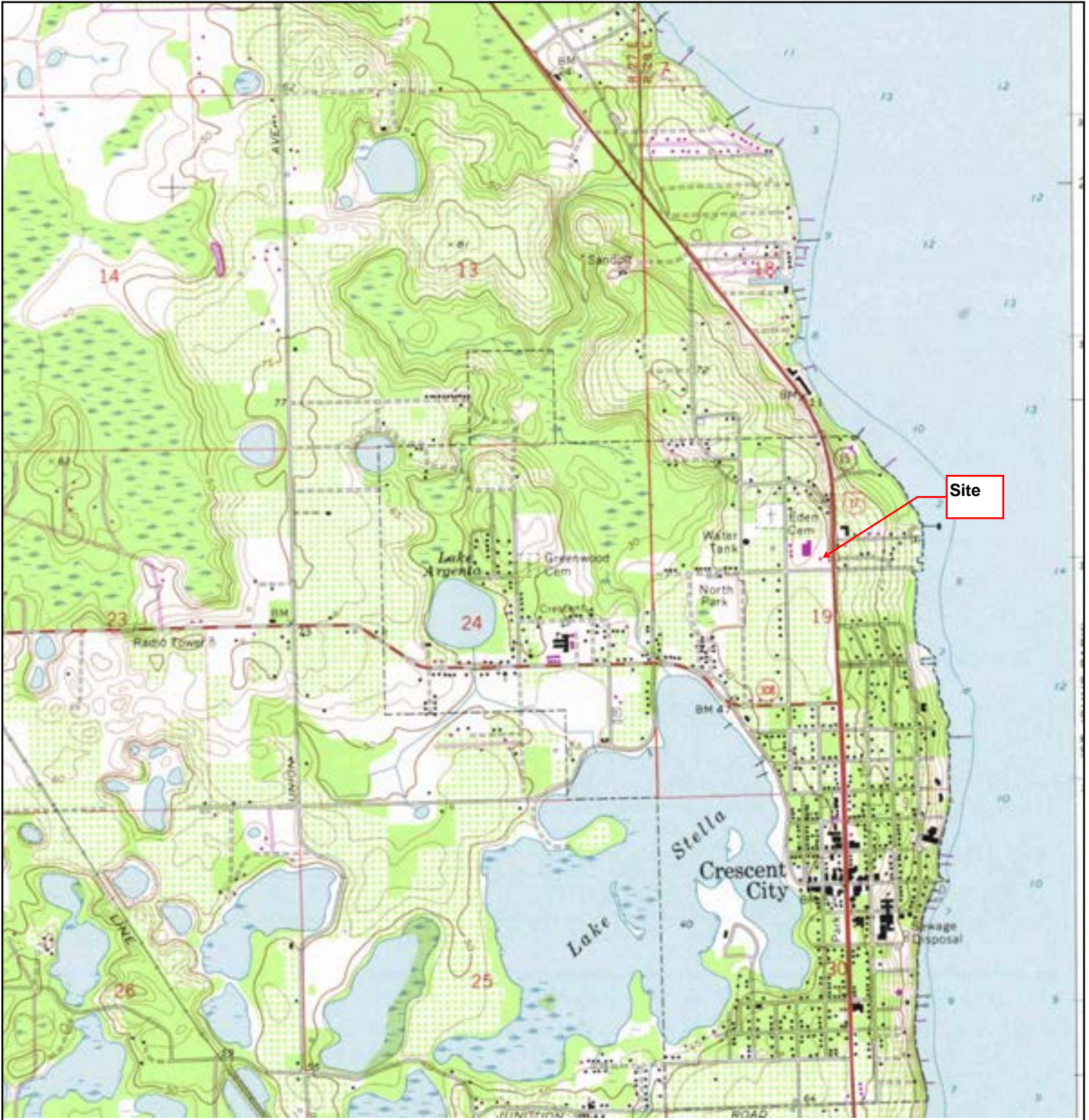
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Historical Topographic Map



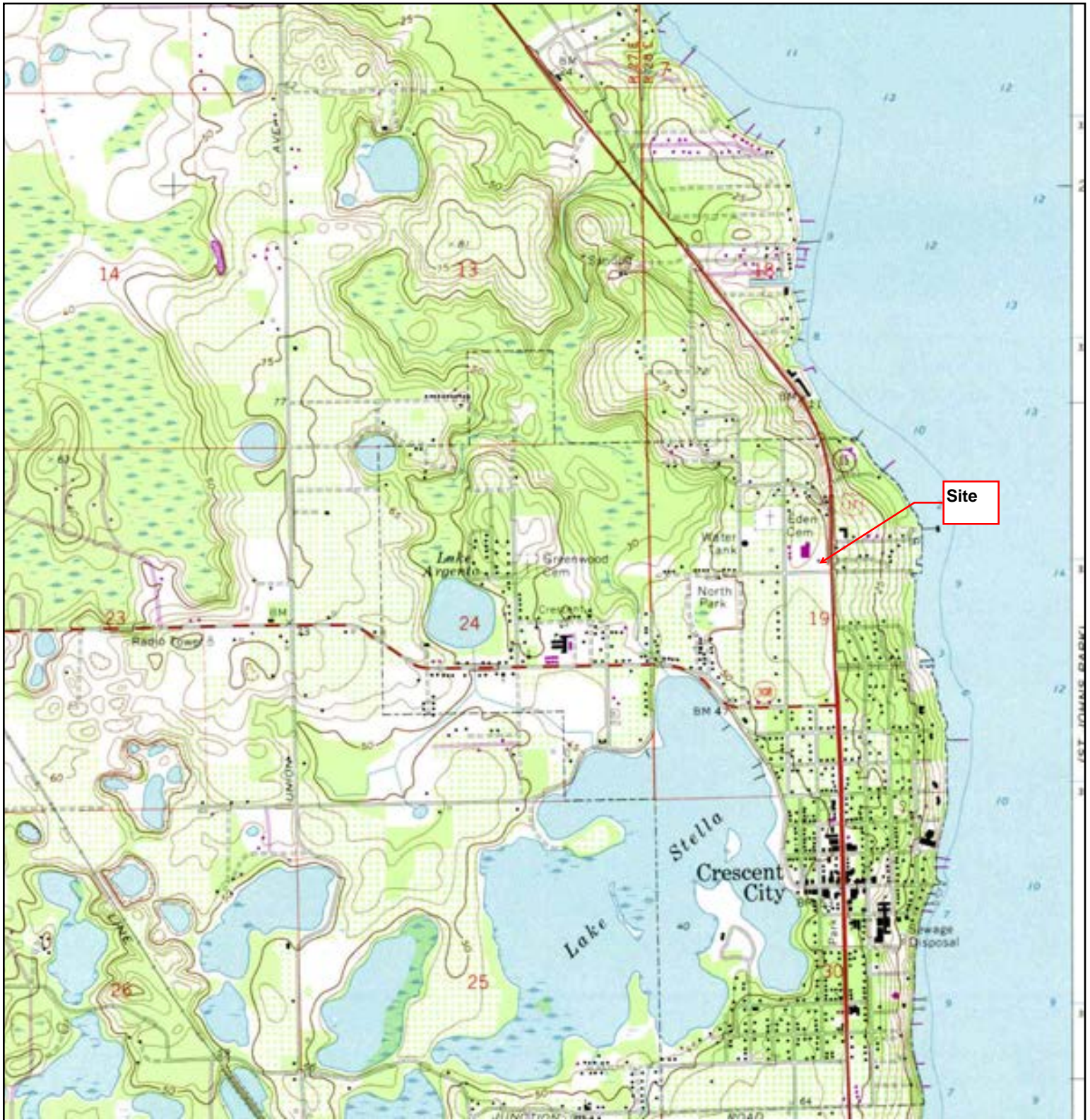
	TARGET QUAD	SITE NAME: Crescent City, FL	CLIENT: Tetra Tech EM, Inc.
	NAME: CRESCENT CITY	ADDRESS: 913 N. Summit St Crescent City, FL 32112	CONTACT: Cris Smith
	MAP YEAR: 1970	LAT/LONG: 29.4432 / -81.5117	INQUIRY#: 4099122.4
	SERIES: 7.5		RESEARCH DATE: 10/08/2014
	SCALE: 1:24000		


Historical Topographic Map



	TARGET QUAD	SITE NAME: Crescent City, FL	CLIENT: Tetra Tech EM, Inc.
	NAME: CRESCENT CITY	ADDRESS: 913 N. Summit St	CONTACT: Cris Smith
	MAP YEAR: 1980	Crescent City, FL 32112	INQUIRY#: 4099122.4
	PHOTOREVISED FROM : 1970	LAT/LONG: 29.4432 / -81.5117	RESEARCH DATE: 10/08/2014
	SERIES: 7.5		
	SCALE: 1:24000		


Historical Topographic Map



	TARGET QUAD	SITE NAME: Crescent City, FL	CLIENT: Tetra Tech EM, Inc.
	NAME: CRESCENT CITY	ADDRESS: 913 N. Summit St	CONTACT: Cris Smith
	MAP YEAR: 1983	Crescent City, FL 32112	INQUIRY#: 4099122.4
	PHOTOINSPECTED FROM : 1970	LAT/LONG: 29.4432 / -81.5117	RESEARCH DATE: 10/08/2014
	SERIES: 7.5		
	SCALE: 1:24000		

Historical Topographic Map



	TARGET QUAD	SITE NAME: Crescent City, FL	CLIENT: Tetra Tech EM, Inc.
	NAME: CRESCENT CITY	ADDRESS: 913 N. Summit St	CONTACT: Cris Smith
	MAP YEAR: 1994	LAT/LONG: 29.4432 / -81.5117	INQUIRY#: 4099122.4
	SERIES: 7.5		RESEARCH DATE: 10/08/2014
	SCALE: 1:24000		

Crescent City, FL

913 N. Summit St
Crescent City, FL 32112

Inquiry Number: 4099122.5
October 10, 2014

The EDR-City Directory Image Report

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2013	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
2008	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
2003	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
1999	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
1995	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
1992	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services

RECORD SOURCES

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FINDINGS

TARGET PROPERTY STREET

913 N. Summit St
Crescent City, FL 32112

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
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N SUMMIT ST

2013	pg A1	Cole Information Services
2008	pg A4	Cole Information Services
2003	pg A7	Cole Information Services
1999	pg A10	Cole Information Services
1995	pg A12	Cole Information Services
1992	pg A15	Cole Information Services

FINDINGS

CROSS STREETS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
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GROVE AVE

2013	pg. A3	Cole Information Services
2008	pg. A6	Cole Information Services
2003	pg. A9	Cole Information Services
1999	pg. A11	Cole Information Services
1995	pg. A14	Cole Information Services
1992	pg. A16	Cole Information Services

City Directory Images

N SUMMIT ST 2013

403 UNITED STATES GOVERNMENT
 UNITED STATES POSTAL SERVICEUSPS
408 OCCUPANT UNKNOWN
428 JOSEPH SANTA
500 MERCANTILE BANK
501 MARISOL BRITO
519 LIL CHAMP
523 DOMINOS PIZZA
604 CRESCENT CITY WOMANS CLUB
610 CRESCENT CITY LIBRARY
611 CENTURY 21 TRITON REALTY
701 INTERFACE SECURITY SYSTMS
725 THE FUTURE LITTLE LEARNERS CENT
775 WENDYS
811 SUNRISE PRIMARY CARE
895 CRESCENT CITY DINER
897 COMMUNITY PHARMACY
899 ALDIQUE MAHMOUD MD
 COMMUNITY MEDICAL CENTER
 ELDICK MOUSTAFA MD
904 LEONARDS LANDING LAKE CRESCENT RESO
 R POWELL
913 BANK OF AMERICA
 NATIONS BANK
917 OUTLET BEALLS
919 FAMILY DOLLAR
921 COINOMATIC LAUNDRYMAT
 ISLAND DOCTORS
923 SPANKYS PIZZA & SUB
925 SAVEALOT
926 REITER INSURANCE AGENCY INC
1004 LAKEVIEW MOTEL
1005 CHINAWOK
1110 CARL TAYLOR
 CRAIG DUPOY
 DAVID MCBEE
 DEBORAH HAMON
 DON WERENK
 FRITZ HUBACHER
 JOHN BLISS
 KENNETH LAFOND
 LINDA CASPER
 MARCUS HAMILTON
 MARY MERRITT
 PAUL WITKOWSKI
 RICHARD ROBERTS
 ROBERT BELL
 ROBERT WATSON
 ROGER ROELOFS
 WARREN BROWN



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N SUMMIT ST

2013

(Cont'd)

1110 WILLIAM MAHONEY
1115 WINNDIXIE STORE 196
1125 AMERICAN RESPIRATORY SOLUTIONS
SOUTHEAST SLEEP CONSULTANTS
VITALAIRE HEALTHCARE
YOUR HOME MEDICAL CRESCENT CITY

GROVE AVE 2013

100	CLINT LEONARD
	DURWOOD BUNDERSON
	GARCIA PATTON
	MICHAEL HYSLER
216	TOM WOODS
609	WESLEY THOMPSON
700	VICENTE ESPINO
706	VERNELL JOHNSON
722	TONI MARTIN
724	JESUS TORRES
726	BETTY NEELY
728	FRANKIE ODOM
730	SAMUEL WILLIAMS
740	NATHAN SHARPER
802	DAVID JOHNSON
808	DOMINIQUE HEWITT
810	JOSEPHINE BLOCKER
812	ZANDRA WALKER
844	JOSEPHINE BLOCKER
1100	MATTHEW BAKER
1101	JOHNNIE LEWIS
1114	HARRY BANKS

N SUMMIT ST 2008

403 UNITED STATES POSTAL SERVICE
408 INGE ZANT
428 JOSEPH SANTA
500 MERCANTILE BANK
501 MARISOL BRITO
519 LIL CHAMP FOOD STORES INC
SUBWAY
SUBWAY 18191 HW 2426
521 THE PANTRY INC
604 CRESCENT CITY WOMANS CLUB INC
610 CRESCENT CITY PUBLIC LIBRARY
611 CENTURY 21
CENTURY 21 A 1 WISE REALTY IN A ONE
701 DOLGENCORP INC
DOLLAR GENERAL
725 MOVIE GALLERY
775 WENDYS
811 SUNRISE PRIMARY CARE
897 COMMUNITY MEDICAL CENTER
COMMUNITY PHARMACY
CRESCENT PHARMACEUTICAL INC
899 COMMUNITY MEDICAL CENTER
COMPREHENSIVE ADVANCE MEDICINE INC
913 BANK OF AMERICA
917 BANK OF AMERICA NA
BEALLS OUTLET
919 FAMILY DOLLAR
921 COIN O MAGIC LAUNDROMAT
HULL JOHN F D O
923 JOHN FRANCIS HULL D O PA
LAKESIDE FAMILY PRACTICE
SPANKYS PIZZA & SUB
925 SAVE A LOT
1004 LAKE VIEW MOTEL
1005 QINONG LIN
U CHINA
1110 ALEITHIA GRANA
BETH MCCALL
CLIFFORD OKNEFSKI
DONALD CUMMINGS
DONALD SUKACH
EDGAR LORD
ELIZABETH BEDNARZIK
FRITZ HUBACHER
HELEN HALL
JAMES FISHER
JANET JOHNSON
KENNETH LAFOND
LINDA CASPER
MARCUS HAMILTON



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N SUMMIT ST 2008 (Cont'd)

- 1110 MARGE MCGRATH
 MYRON JURCZYSCYN
 PAUL THEURER
 VIRGINIA KING
 WARREN BROWN
- 1115 WINN DIXIE
 WINN DIXIE PHARMACY 196
- 1125 AMERICAN RESPIRATORY SOLUTIONS INC

GROVE AVE 2008

100 CLINT LEONARD
FRANCES DAWALT
GARCIA PATTON
LAKE CRESCENT RESORT
LEONARDS LNDING LK CRES RESORT
MICHAEL HYSLER
NANCY POE
VIRGIL HARPER
216 CLINT LEONARD
328 ADA PUGH
509 KAREN COOPER
609 TOM MOORE
706 VERNELL JOHNSON
712 GENORA BOGAN
722 ALBERTA MARTIN
724 OCCUPANT UNKNOWN
728 FRANKIE ODOM
730 VERONICA GLOVER
740 NATHAN SHARPER
808 SOPHIA WASHINGTON
810 JOSEPHINE BLOCKER
812 HARRY BANKS
844 JOSEPHINE BLOCKER
1100 MELISSA ROBERTS
1101 JOHNNIE LEWIS
1114 RUBY BANKS

N SUMMIT ST 2003

403	OCCUPANT UNKNOWN UNITED STATES POST OFFICE
408	WILLIAM TRUUST
427	CRESCENT CITY PLAZA RICHARD SMITH
428	JOSEPH SANTA
500	JOHN LANCASTER
501	DANIEL MILLER
519	LILCHAMP FOOD STORES INC
521	LIL CHAMP OCCUPANT UNKNOWN
604	CRESCENT CITY WOMANS CLUB
610	CRESCENT CITY LIBRARY
611	LUIS SANCHEZ TRITON REALTY INC
701	DOLLAR GENERAL STORE
725	MOVIE GALLERY
775	WENDYS OF CRESCENT CITY
895	HUDDLE HOUSE SUNSHINE FOODS INC
897	COMMUNITY PHARMACY ROLA ELDICK THOMAS DRUG STORE INC
899	COMMUNITY MEDICAL CTR ELDICK MOUSTAFA MD MOUSTAFA ELDICK
904	LAKE CRESCENT RESORT LNRDS LNDNG LAKE CRSCNT RSRT
913	BANK OF AMERICA
917	BEALLS OUTLET
919	FAMILY DOLLAR STORES INC
921	ALMA RODRIGUEZ
923	LAKESIDE FAMILY PRACTICE OCCUPANT UNKNOWN SPANKYS PIZZA & SUB STATION
925	SAVE A LOT
926	REITER INSURANCE AGENCY INC
930	WELLER JIM KWON
1004	OCCUPANT UNKNOWN
1100	LAKE CRESCENT MOBILE HOME PARK
1110	BETTY BAKER BETTY BROOKER CLIFFORD OKNEFSKI EDGAR LORD EDWARD PINK PAUL THEURER RICHARD HIAM SCOTT WUNDERLE SMILEY HOME REPAIR VERNE MCFADZEAN



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N SUMMIT ST

2003

(Cont'd)

1110 WARREN BROWN
1115 DIXIE WINN
OCCUPANT UNKNOWN
1125 AIR LIQUIDE HEALTHCARE AMERICA CORP
AMERICAN RESPIRATORY SOLUTIONS
BUTLERS EXPRESS INC
INHOME MEDICAL

GROVE AVE 2003

100	CLINT LEONARD GARCIA PATTON JOHN CRYER ROBERT BONNER ROBERT C BONNER
201	EMMA VARNADOE
214	V LOMELI
216	CLINT LEONARD
328	MYRON PUGH
704	CURTISS WILLIAMS
706	VERNELL JOHNSON
712	YVONNE LANE
722	ALBERTA MARTIN
724	OCCUPANT UNKNOWN
726	EVA GRANT
728	FRANK ODOM
730	WILLIS GLOVER
802	DAVID JOHNSON
810	OCCUPANT UNKNOWN
844	JOSEPHINE BLOCKER
1100	ALDORA ASH
1101	JOHNNIE LEWIS

N SUMMIT ST 1999

403	OCCUPANT UNKNOWN
427	CRESCENT CITY PLAZA
428	C SANTA
500	CITIZENS FIRST NATIONAL BANK
519	HANDY WAY FOOD STORE
604	CRESCENT CITY WOMANS CLUB
610	CRESCENT CITY LIBRARY
611	TRITON REALTY INCORPORATED
895	HUDDLE HOUSE
899	ELDICK MOUSTAFA MD
913	BARNETT BANK BANKING OFFICES
917	BARNETT BANK
919	FAMILY DOLLAR STORES INCORPORATED
921	COIN O MAGIC
923	HULL JOHN DO
	LAKESIDE FAMILY PRACTICE
	SPANKYS PIZZA & SUB STATION
925	MILLERS SUPERVALU FOODS 7250
926	ALLSTATE INSURANCE COMPANIES SALES OFFICES
929	HARDEES OF CRESCENT CITY
930	CRESCENT CITY ANIMAL HEALTH CENTER
	DANIEL & ASSOCIATES INCORPORATED
1004	LAKE VIEW MOTEL
1100	NIXONS NURSERY
1110	BETTY BAKER
	C OKNEFSKI
	EDGAR LORD
	EDWARD PINK
	FLOYD WHIRLEY
	FRANK WAGNER
	GLORIE MORRISON
	HELEN HALL
	JACK SUITER
	LAKE CRESCENT MOBILE HOME PARK INCORPORATED
	MICHAEL RUSSELL
	MURIEL WANLESS
	RICHARD HIAM
	ROBERT BELL
	VALLEN PITTS
	WARREN BROWN
	Y DEVINE
1115	WINN DIXIE NO 196
1125	AMERICAN RESPIRATORY SOLUTION INCORPORATED
	DME RENTALS
	INHOME MEDICAL
	WELAKA PHARMACY BILLING OFFICE

-



GROVE AVE 1999

100	CLINT LEONARD EARL PHELPS KAREN LEORNARD
111	JUAN MENDOSA
214	P MIDDLETON
328	MYRON PUGH
509	KAREN PUGH
704	OCCUPANT UNKNOWN
706	VERNELL JOHNSON
722	OCCUPANT UNKNOWN
724	CALVIN MIDDLEBROOK
726	EVA GRANT
728	E ODOM
730	V GLOVER
736	DAVID JOHNSON
740	OCCUPANT UNKNOWN
742	OCCUPANT UNKNOWN
744	J BLOCKER
802	DAVID JOHNSON
810	OCCUPANT UNKNOWN
826	OCCUPANT UNKNOWN
840	OCCUPANT UNKNOWN
842	DAVID JOHNSON
844	OCCUPANT UNKNOWN
1000	OCCUPANT UNKNOWN
1100	ALDORA ASH

N SUMMIT ST**1995**

403 OCCUPANT UNKNOWNN
 408 HICKS, EDWARD A
 427 GATE GAS PLAZA
 428 SANTA, ALICE
 521 HANDY WAY FOODS
 523 KIPP, GREGORY
 610 CRESCENT CITY LIBRARY
 611 TRITON REALTY
 613 ARNOLDS MOTOR SALES
 897 INHOME INFUSION
 THOMAS DRUG STORE INC
 904 GANTT, ROBERT H
 HOWELL, JOSEPH D
 JACKSON, C A
 LAKE CRESCENT RESORT
 PALONE, EUGENE B
 PATTON, GARCIA
 POWELL, R A
 917 BARNETT BANK
 919 FAMILY DOLLAR STORE INC
 921 COIN O MAGIC
 923 HULL, JOHN
 SPANKYS PIZZA & SUB
 925 MILLERS SUPER MARKET
 926 REITER INSURANCE INC
 929 HARDEES
 930 CRESCENT CITY ANIMAL CTR
 DANIEL & ASSOC INC
 OCCUPANT UNKNOWNN
 932 LAKESIDE FAMILY PRACTICE
 OCCUPANT UNKNOWNN
 1004 LAKE VIEW MOTEL
 1100 BAKER, BETTY
 BELCHER, GAYLORD W
 CHEVRETTE, NANETTE
 CROFT, LONNIE
 HAINES, RAYMOND
 INGLEHART, THOMAS
 LAKE CRESCENT MOBILE HOME PARK
 MIERS, DONNA
 NIXON, ANDREW F
 TEW, M F
 WALTER, H
 WARWICK, SHIRLEY N
 YOUNG, MELVIN C
 1110 AVERA, WILLIAM E
 COWART, ANN
 DAVIS, VIVIAN
 HOLBACH, RAYMOND W
 KNOWLES, EVELYN



-

N SUMMIT ST

1995

(Cont'd)

1110 SIAS, SALLY
1125 IN HOME MEDICAL
SUMMIT SPORTS REHABILITATION
TYLER, CHARLES B

GROVE AVE 1995

0	GRANT, EVA
704	WILLIAMS, C
706	JOHNSON, VERNELL
722	MARTIN, ALBERTA
724	MIDDLEBROOK, CALVIN
726	GRANT, EVA
728	OCCUPANT UNKNOWNN
730	GLOVER, V V
736	JOHNSON, DAVID
740	SHARPER, DIANE C
744	BLOCKER, J
802	OCCUPANT UNKNOWNN
840	SHARPER, NATHAN
842	JOHNSON, DAVID

N SUMMIT ST 1992

427	CRESCENT CITY GATE GATE GAS PLAZA
428	PRESTON, EDWARD
500	CITIZENS FIRST BANK
519	AZTEL INDUSTRIES
523	YMCA
611	TRITON REALTY
613	ARNOLD MOTOR SALES
879	THOMAS DRUG STORE INC
904	LAKE CRESCENT RESORT
916	REITER INSURANCE
917	BARNET BANK PTNM CO
919	FAMIL DOLLAR STORE
921	COIN-O MAGIC
923	HULL JOHN DO
925	AZTEL INDUSTRIES MILLER'S SUPER MARKET #226
929	HARDEE'S
930	CRESCENT ANML HLTH CRESCENT CITY JEWELRY & LOAN
932	HULL, JOHN
1004	LAKE GROVE MOTEL
1100	DUMAS, L GIBSON, JOHN D JR HAINES, RAYMOND INGLEHART, THOMAS LAKE CRESCENT MHP NIXON'S NURSERY YOUNG, MELVIN C
1110	GREENWOOD, JOHN H HICKS, LEWIS C HOLBACH, RAYMOND W PUDROWSKI, JOHN E
1124	TANGERINE TERRACE

GROVE AVE 1992

0	GRANT, EVA
702	JOHNSON, DAVID
724	MIDDLEBROOK, CALVIN
744	BLOCKER, J
1000	FLOYD, PERRY

9.5 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

AMANDA ROMANS

Senior Environmental Scientist

Tetra Tech Inc. - Nashville

EDUCATION

B.S., Environmental Biology, University of North Alabama, 2002

REGISTRATIONS/CERTIFICATIONS

Hazardous Waste Operations and Emergency Response (HAZWOPER) Health and Safety Training, Occupational Safety and Health Administration (OSHA) 29CFR 1910.120, 40-hour, HazMat Training, May 2013.

8-hour HAZWOPER Refresher, March 2014

Asbestos Hazard Emergency Response Act (AHERA) Asbestos Inspector, META, Nashville, TN, 2013

2014, Accredited Alabama Asbestos Inspector

2005, Mold Assessment and Remediation Certificate

QUALIFICATIONS

Ms. Romans has over 8 years of experience in; Phase I Environmental Site Assessments, Property Condition Assessments, National Environmental Protection Act (NEPA) Environmental Assessments, wetlands assessments and delineations, protected species surveys, and cultural and historical reviews; stormwater, wastewater, groundwater and soil sampling; AHERA asbestos inspections; National Pollutant Discharge and Elimination System (NPDES) permitting and compliance; and Superfund Technical Assessment and Response Team (START) projects.

PROFESSIONAL EXPERIENCE

Environmental Site Assessments (Phase I ESAs) and Property Condition Assessments (PCAs)

Bank of America. Ms. Romans has prepared numerous Phase I ESAs for this client for banking center properties throughout the United States. The project included environmental evaluations for the properties, in accordance with the Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, American Society of Testing Materials Designation: E 1527-13 and Bank of America Requirements and Expectations. In addition to ASTM Standards for Phase I Environmental Site Assessments, evaluations of potential asbestos-containing materials (ACMs), potential radon concerns, and potential mold.

Wells Fargo. Ms. Romans has prepared numerous Phase I ESAs for this client for properties throughout the United States. The project included environmental evaluations for the properties, in accordance with the Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, American Society of Testing Materials Designation: E 1527-13 and Wells Fargo Requirements and Expectations. In addition to ASTM Standards for Phase I Environmental Site Assessments, evaluations of potential ACMs, potential lead-based paint, potential radon concerns, and potential mold.

BB&T. Ms. Romans has prepared numerous Phase I ESAs for this client for properties throughout the United States. The project included environmental evaluations for the properties, in accordance with the Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, American Society of Testing Materials Designation: E 1527-13 and Wells Fargo Requirements and Expectations. In addition to ASTM Standards for Phase I Environmental Site Assessments, evaluations of potential ACMs, potential lead-based paint, potential radon concerns, and potential mold.

Capital Funding Group, Inc., Multiple Locations. Ms. Romans has prepared numerous Phase I ESAs for this client for properties throughout the United States. Ms. Romans has assisted with numerous property condition needs assessment (PCNA) reports. The PCNAs included evaluations of the site grounds, structural systems, building envelope, interior building components, mechanical systems, life safety, and code compliance. The PCNA reports also included estimates for the physical needs over a 40-year term (adjusted for inflation), initial deposits, annual deposits, immediate critical repair costs, immediate non-critical repair costs, and replacement reserves. These facilities included skilled nursing facilities and assisted living facilities selected for U.S. Department of Housing and Urban Development (HUD) Multifamily Accelerated Processing (MAP) approval and the reports were prepared in accordance with HUD guidelines.

Baker, Donnellson, Bearman, Caldwell and Berkowitz. Multiple Locations. Projects have included assisting with PCAs, conducting Phase I ESA site visits, and writing reports for multiple skilled nursing facilities, assisted living facilities, and warehouse/commercial facilities.

Rexel, Inc. Projects have included assisting with PCAs and conducting Phase I ESA site visits, and writing reports for multiple commercial/warehouse facilities located throughout the New England area

Central Baptist Church/ Decatur, AL. A comprehensive Asbestos Containing Materials Inspection Report and Phase I Environmental Site Assessment for the renovation of a 125,000 square foot facility to accommodate a growing church and evaluate potential health concerns for future occupants of the facility.

Life Care Centers of America, Inc./Cleveland, Tennessee. Performed Phase I Environmental Site Assessments for five facilities located throughout East Tennessee. The project included environmental evaluations for the properties, in accordance with the Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, American Society of Testing Materials Designation: E 1527-00 and Merrill Lynch Capital's Requirements and Expectations. In addition to ASTM Standards for Phase I Environmental Site Assessments, the presence of suspect asbestos containing materials (ACMs); the need for lead-based paint sampling; and the need for radon sampling were also evaluated.

Environmental and Biological Assessments

Highway 36 Environmental Assessment / Hartselle, AL. Project Manager for Alabama Department of Transportation Environmental Assessment (EA) for the widening and re-alignment of Highway 36 in Hartselle, AL. Conducted and/or assigned all necessary site assessments including wetland delineations/assessments, noise monitoring, public meetings, etc.

Parches Cove Development / Union Grove, AL. Assisted and prepared an Aquatic Species Survey of Bean Rock Creek. The assessment included species identification and individual counting. The assessment was conducted at the request of the Tennessee Valley Authority (TVA) as part of permitting requirements for a residential marina to be constructed for the development.

City of Huntsville / Guntersville, AL. Environmental Assessments including Wetland Assessments and Delineations, Protected Species Surveys, Aquatic Species Surveys, Preliminary Historical Reviews, and TVA Raw Water Intake Permit application for the installation of a new Raw Water Intake Structure, water main, and water treatment plant near the Guntersville Dam.

City of Huntsville / Huntsville, AL. Environmental Information Documents (EID) for State Revolving Fund applications. The EID included an environmental document review including review of soils, geology, topographic maps, aerial photographs, and census data. Coordination with local, state, and federal agencies approval was also conducted.

Breland Homes / Madison, AL. Environmental Assessments for the construction of a residential subdivision including wetlands assessments and delineations, protected species survey, and cultural and historical reviews of the property.

Enfinger Development / Huntsville, AL. Environmental Assessments for the construction of numerous residential subdivisions including wetlands assessments and delineations, protected species surveys, and cultural and historical reviews of the properties.

Various Sewer Improvements / Huntsville, AL. Environmental Assessments for the City of Huntsville for sewer improvements serving the Huntsville area including wetlands assessments and delineations, protected species surveys, and cultural and historical reviews.

Various Clients / Southeast. Projects have included Wetlands Assessments and Delineations for a variety of projects including private, industrial, and residential development. Assisted in a variety of mitigation projects which included permitting, reporting, and compliance monitoring.

Lockheed Martin Corporation / Huntsville, AL. Coordination of a large project for Lockheed Martin including a Phase I Environmental Site Assessment, Regulatory Compliance Assessment, Potential Hazards to Users Assessment, and Wetlands Assessment and Delineation. Performed a Phase I ESA, conducted in accordance with Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, American Society of Testing Materials Designation: E 1527-00, which included a regulatory file review of the Huntsville Lockheed Martin facility and surrounding properties and hazardous material inventory. Performed a technical review of the Regulatory Compliance Assessment of the facility.

Performed a Potential Hazards to Users Assessment to determine what hazards exist on the Lockheed Martin Property. Performed a technical review of the Wetlands Assessment and Delineation conducted on the Lockheed Martin Property.

START

Volunteer Army Ammunition Plant/ Chattanooga, TN. Groundwater sampling of over 200 monitoring wells located on and within the vicinity of the Ammunition Plant. This involved the purging of stagnant water in the monitoring wells and the sampling of fresh groundwater to determine the presence of various contaminants including Trinitrotoluene (TNT).

American Heritage Shutters / Memphis, TN. Groundwater and soil sampling following the Environmental Protection Agency (EPA) guidelines to determine the presence various contaminants from the illegal disposal of hazardous waste directly onto the ground.

South Carolina Train Derailment / Graniteville, SC. Emergency Response Deployment to Graniteville, South Carolina to aid in air monitoring and equipment calibration for the Chlorine Spill that occurred in January 2005.

Anniston Polychlorinated Biphenyls PCB Site / Anniston, AL. Conducted over-site on behalf of EPA to insure the proper disposal of contaminated soil from residential lots and the reconstruction of the lots with uncontaminated soil. The contamination occurred throughout the city due to the improper disposal of PCBs from a well-known manufacturing facility.

Asbestos

Various Projects / Southeastern US. Various limited asbestos assessments for numerous clients. Involved limited sampling of materials to identify positive asbestos containing materials and their condition.

S&M Equipment, Inc./ Red Bay, AL. A comprehensive Asbestos Containing Materials Inspection Report for the demolition of residential homes to facilitate the construction of a major highway. The activities were performed for two residential homes scheduled for demolition activities.

Huntsville Utilities/ Huntsville, AL. A comprehensive Asbestos Containing Materials Inspection Report for Huntsville Utilities. The activities were performed for a warehouse facility owned and operated by the City of Huntsville.

Hastings General Contracting/ Birmingham, AL. A comprehensive Asbestos Containing Materials Inspection Report for the demolition of residential homes to facilitate the construction of a major highway. The activities were performed for 24 residential homes scheduled for demolition activities.

Tennessee Valley Authority

Intern / Muscle Shoals, AL. Various projects including development, organization, and implementation of experimental procedures and data collection for vegetation studies to determine the remediation capabilities of certain plants against arsenic polluted soils. The construction, monitoring, and data collection of constructed wetlands to determine the remediation capabilities of constructed wetlands against animal waste products and other types of waste products.

EMPLOYMENT HISTORY

2012-Present	Tetra Tech EM, Inc. Huntsville, Alabama
2008-2012	AST Consulting and Contracting/AST Environmental Group Decatur, Alabama
2004 – 2008	Tetra Tech EM, Inc. Huntsville, Alabama
2004	ADS Corporation Huntsville, Alabama
2000-2001	Tennessee Valley Authority Muscle Shoals, Alabama

JUDY L. MARTH, CHMM

Senior Environmental Scientist

Tetra Tech, Inc. – Nashville, TN

EDUCATION

B.S., Environmental Science, University of Georgia, 1989

REGISTRATIONS/CERTIFICATIONS

Certified Hazardous Materials Manager (CHMM), Masters Level, No. 12335, 2004

CHMM Re-certification, 2010

Certified Microbial Consultant (CMC), 2003

USEPA Lead Inspector, licensed in Tennessee and Mississippi, 2001

USEPA Lead Assessor, licensed in Tennessee and Mississippi, 2001

AHERA Accredited Asbestos Inspector, 1989

AHERA Accredited Asbestos Inspector Refresher, 2014

AHERA Accredited Asbestos Management Planner, 1989

AHERA Accredited Project Supervisor, 1989

AHERA Accredited Asbestos Project Designer, 2004

AHERA Accredited Asbestos Project Designer Refresher, 2012

State of Tennessee Accredited Asbestos Inspector, 2013

State of Tennessee Accredited Asbestos Project Designer, 2013

Certified Adult First Aid, 2014

Certified Adult CPR, 2014

Hazardous Waste Operations and Emergency Response (HAZWOPER) Health and Safety Training, OSHA 29CFR 1910.120, 40-hour, ATEC, Atlanta, GA, 1991

8-hour HAZWOPER Refresher and Supervisor Course, January 2014

HUD MAP Training, April 18, 2006, St. Louis, Missouri

HUD LEAN Section 232 Lender Underwriting Training, January 2010, Chicago, IL

HUD LEAN Section 232 Lender Underwriting Training, July 2014, Minneapolis, MN

ASTM International, Technical & Professional Training, Property Condition Assessments, ASTM 2018 Standard Guide for Property Condition Assessments: Baseline Property Condition Assessment Process, May 2006.

AREAS OF EXPERTISE

- Client and Project Management
- Scientific Research
- Technical Report Preparation and Review
- Environmental Site Assessments
- Property Condition Assessments
- Microbial Assessments
- Asbestos
- Lead Based Paint

QUALIFICATIONS

Ms. Marth is an environmental scientist with over 25 years of experience in the environmental industry. Since 1989, she has gained experience in client management, project management, environmental site assessments, property condition assessments, seismic evaluations, groundwater and soil sampling, industrial hygiene, AHERA asbestos inspections, AHERA asbestos management plans, AHERA asbestos

abatement designs, radon gas sampling, vapor encroachment screenings, indoor air quality, microbial assessments, spill prevention control and countermeasure (SPCC) plans, and lead-based paint assessments. She has also participated in compliance projects for both environmental and health/safety aspects.

PROFESSIONAL EXPERIENCE

Environmental Site Assessments

- **Regional Bank / Birmingham, AL.** Account Manager for Environmental Site Assessments, Phases I through IV. Assessment activities have included Phase I Environmental Site Assessments (including development of opinions regarding conditions indicative of a release or threatened release), Asbestos Surveys, Lead Based Paint Surveys, Mold Assessments, Waste Disposal, Tank Removal, and Subsurface Assessments throughout the Midwest and southeast. The facilities included industrial, multi-family residential, commercial, manufacturing, residential subdivisions, warehouse, automobile repair, gas stations, and car wash facilities. Projects included over 575 sites across the country.
- **Multinational Banking and Financial Services Corporation / Charlotte, NC.** Account Manager for Environmental Site Assessments, Phases I through IV. Assessment activities have included Phase I Environmental Site Assessments (including development of opinions regarding conditions indicative of a release or threatened release), Waste Disposal, Tank Removal, Subsurface Assessments, Risk Assessments, Electronic Waste Evaluation Services, Indoor Quality Assessments, and Vapor Mitigation Services nationwide. The facilities included bank branches, office buildings, vacant land, residential, and parking lots. Projects included over 330 sites across the country.
- **Regional Bank / Charlotte, NC.** Account Manager for Environmental Site Assessments, Phases I through IV. Assessment activities have included Phase I Environmental Site Assessments (including development of opinions regarding conditions indicative of a release or threatened release), Asbestos Surveys, Lead Based Paint Surveys, Drinking Water Surveys, Mold Assessments, Waste Disposal, Chemical Inventory, Storm Water Management, Underground Storage Tank Compliance, Vapor Intrusion, Geotechnical, Remediation, and Subsurface Assessments throughout the Southeast. The facilities included industrial, office, undeveloped land, medical, multi-family residential, commercial, manufacturing, warehouse, residential subdivisions, automobile repair, gas stations, and car wash facilities. Projects included over 750 sites across the country.
- **Wells Fargo Bank.** Account Manager for due diligence services. Various activities have included Phase I ESAs (including development of opinions regarding conditions indicative of a release or threatened release), Asbestos Surveys, Asbestos Operations and Maintenance Plans, Lead Based Paint Surveys, Mold Assessments, Vapor Encroachment Screenings, underground storage tank (UST) Compliance, and Subsurface Assessments nationwide. The facilities included industrial, commercial, manufacturing, warehouse, automobile repair, self-storage facilities, gas stations, and school facilities. Projects included over 25 sites across the country.
- **Meditrust Corporation / Boston, MA.** National Account Manager for Environmental Site Assessments (Phase Is, IIs and IIIs) and Compliance Audits for Meditrust Corporation, a national major health care lending institution based in Boston. Projects have included over 500 facilities across the United States with assessments and remediation of petroleum and hazardous waste impacted sites involving organics, pesticides and heavy metals. These facilities included skilled nursing homes, hospitals, residential properties, commercial properties, medical office buildings and medical condominium facilities.

- **National Financial Lending Company / Boston, MA.** Project Manager for Environmental Site Assessment, Phases I through IV, for a national financial lending company based out of Boston. Facilities are primarily strip shopping centers and included inspections, building material sample collection for asbestos analysis, soil and groundwater collection to determine existence of potential petroleum contamination and supervision of remedial activities related to confirmed petroleum product contamination of soil and groundwater. Projects included over 400 sites across the country.
- **Midwest Financial Lending Institution / Kansas City, KS.** Project Manager and National Account Manager for Environmental Site Assessments, Phase Is and IIs, for major midwest financial lending institution for over 125 facilities nationwide involving industrial, manufacturing, and commercial properties. Multi-site packages of 10 or more are normally released at one time.

Environmental Site Assessments and Property Condition Assessments

- **FINOVA Capital Corporation / Scottsdale, AZ.** National Account Manager for Environmental Site Assessments (Phase Is, IIs and IIIs), Property Condition Assessments, seismic evaluations, asbestos abatement, hazardous waste inventory and disposal, and auction support services. Projects have included over 90 facilities located throughout the United States with assessments and remediation of petroleum and hazardous waste impacted sites. These facilities included industrial facilities, commercial facilities, resort properties, undeveloped land, office buildings, skilled nursing facilities, warehouse facilities, hospitals, and residential communities. Various assessments also included inspections and building material sample collection for asbestos and lead analysis.
- **Health Care Company / Tennessee.** National Account Manager for 103 Environmental Site Assessments (Phase Is, IIs and IIIs), Property Condition Assessments, seismic evaluations, and tank registrations. The project included 103 facilities located throughout the United States with assessments, asbestos surveys, radon surveys, lead in water surveys, lead paint surveys and remediation of petroleum impacted sites. These facilities included skilled nursing facilities, assisted living facilities, and independent living facilities selected for HUD refinancing.
- **Mortgage Company / Maryland.** National Account Manager for Environmental Site Assessments (Phase Is and IIs), Property Condition Assessments, seismic evaluations, and asbestos Operations and Maintenance (O&M) plans. Projects have included over 750 facilities located throughout the United States with assessments, asbestos surveys, O&M Plan development, and subsurface investigations. These facilities included hospitals, skilled nursing facilities, assisted living facilities, and independent living facilities selected for HUD refinancing.

Tank Management

- **Tennessee.** UST State Trust Fund reimbursement package completion, various UST facilities located throughout the state of Tennessee. Completed reimbursement packages for over 25 sites.
- **Petroleum Company / Nashville, TN.** Senior Project Manager for Limited Subsurface Assessments/Due Diligence for 37 convenience petroleum facilities located in Tennessee, Georgia, Kentucky, and Mississippi. Soil and groundwater samples were collected and analyzed for petroleum constituents. The scope of work was completed in 30 days.
- **Michigan.** Senior Environmental Scientist for SPCC plans for four manufacturing facilities located in Michigan.

Industrial Hygiene

- **Exxon / Memphis, TN.** Project Manager for industrial hygiene employee exposure monitoring during gauging/sampling activities on board the Exxon Kentucky Barge prior to the unloading of petroleum products.
- **Boat Manufacture / Murfreesboro, TN.** Project Manager for industrial hygiene employee exposure monitoring during fiberglass boat manufacturing activities.

Asbestos

- **The Mall at Green Hills / Nashville, TN.** Asbestos surveys, asbestos removal plan design, bid solicitations, bid recommendations, air monitoring coordination, regulatory agency correspondence, and close-out reports. The activities were performed for a three-story department building and various individual tenant spaces in preparation for demolition and renovation activities. The project design included abatement cost estimates, determining material quantities, and removal plan design for architectural finishes, thermal systems, HVAC systems, electrical systems, elevators, roof systems, and structural systems.
- **Various Facilities / Georgia and Tennessee.** Asbestos removal monitoring and air sampling for manufacturing facilities, hospitals, schools, and federal and state governments located in the states of Georgia and Tennessee.
- **State of Tennessee, Department of Finance and Administration / Nashville, TN.** AHERA inspection and management plan development for the State of Tennessee, Department of Finance and Administration in Nashville. Involved complete establishment of the program with residence at the State offices.
- **State of Tennessee, Department of Finance and Administration / Nashville, TN.** AHERA management plan reviews for the State of Tennessee, Department of Finance and Administration, including reviews to ensure regulatory compliance. Project involved over 1,000 management plan reviews by Ms. Marth.
- **Franklin High School / Franklin, TN.** Asbestos removal plan design for Franklin High School that included architectural finishes.
- **Wilson County Board of Education / Tennessee.** Project Manager for annual AHERA compliance programs including six month periodic and three year re-inspections; asbestos removal design for various schools within the county system that included architectural finishes, boiler systems, HVAC systems, plumbing systems, and roof systems.

Microbial Services

- **Residential Property / Savannah, TN.** Project Manager for a mold assessment and remediation project that included pre- and post-remediation air sample collection and analysis for bacteria and fungi. A written mold remediation work plan was also developed for the mold remediation contractor.
- **Apartment Complex / Nashville, TN.** Project Manager for a mold assessment and remediation project that included post-remediation air sample collection and analysis for fungi. A written mold remediation work plan was also developed for the mold remediation contractor.

- **Wilson County Board of Education / Mt. Juliet, TN.** Project Manager for a mold assessment and remediation project that included pre-remediation air sample collection and analysis for bacteria and fungi.
- **Department Store / Various Locations, TN and KY.** Project Manager for mold assessment and remediation projects that included pre- and post-remediation air sample collection and analysis for fungi.
- **High School / Red Boiling Springs, TN.** Project Manager for mold assessment project that included pre-remediation air sample collection and analysis for fungi.

PROFESSIONAL MEMBERSHIPS

Alliance of Hazardous Materials Professionals
Environmental Bankers Association

PRESENTATIONS/PUBLICATIONS

Due Diligence at Dawn Presentation, Environmental Data Resources, Inc. (EDR), Ft. Lauderdale, Florida, presented information regarding historical site usage data research and evaluation, December 1995.

Due Diligence at Dawn Presentation, EDR, Nashville, Tennessee, presented information regarding historical site usage data research and evaluation.

The Dangers of Mold Presentation, Tetra Tech EM Inc. and Marsh, Stites & Harbison, Nashville, Tennessee, presented information regarding mold and related health hazards, assessments, and remedial techniques, November 2003.

Oddities Presentation, Environmental Bankers Association (EBA), San Francisco, California, presented information regarding unusual environmental projects, Newport, Rhode Island, June 2012.

Phase II Investigations and Comparative Data Analysis of Environmental Concerns and Potential Loss Exposures, EBA, San Francisco, California, presented information regarding comparative data analysis for Phase II Investigations, June 2013.

Innovative Remediation Technologies Presentation, EBA, San Francisco, California, presented information regarding innovative remediation technologies for asbestos abatement, June 2013.

ADDITIONAL EXPERIENCE

Asbestos microscopy, multi-media sampling, industrial hygiene, and indoor air quality.

EMPLOYMENT HISTORY

2003 – Present	Senior Environmental Scientist, Tetra Tech, Inc., Nashville, Tennessee
1991 – 2003	National Account Manager, ATC Associates Inc., Nashville, Tennessee
1990 – 1991	Scientist, Law Engineering, Nashville, Tennessee
1989 – 1990	Scientist, Clayton Environmental, Kennesaw, Georgia

9.6 SUPPORTING DOCUMENTATION



Site Screening Report Form

Please Print or Type (See Site Screening Guidance Manual for Instructions)
COMPLETE ENTIRE FORM

DEP Form 62-7612002
From Title Site Screening Report Form
Effective Date March 15, 1995
DEP Application No. _____
(DEP Use Only)

Instructions and definitions that are necessary for completing this form can be obtained from the Site Screening Report Guidance Manual. Information provided on this form shall be in accordance with the directions and provisions of the Site Screening Guidance Manual.

1. Facility Identification

- a. Facility Name: CON-O-MAGIC
- b. Facility Address: 921 N SUMMIT STREET
CRESCENT CITY, FL 32112
- c. Facility Identification Number (if assigned): 549701090

2. Fire or Explosion Hazard:

If a fire or explosion hazard existed at the site, then provide the date that the hazard was reported to the State Warning Point and the local fire department:

 / /

NOTE: DO NOT USE THIS SITE SCREENING REPORT FORM TO REPORT A FIRE OR EXPLOSION HAZARD TO THE DEPARTMENT. If the fire or explosion hazard has not been reported to the State Warning Point at 1-804-413-9911 and the local fire department, then immediately notify these authorities.

3. Documentation of Contamination:

- a. Laboratory used to analyze sample:
ALLIANCE ENVIRONMENTAL CompQAP No. 960215G
- b. Methodology used: EPA Method 601
- c. Sample Media: Soil Groundwater

d. Sample Analysis Results (report highest concentration only):

Sample location	Depth of sample (feet below land surface)	Drycleaning Solvent or breakdown product detected	Concentration (units):
DC-1 BEHIND (WEST OF) THE SITE	25	TETRACHLOROETHYLENE	1.7 mg/L

* Sample taken 10 feet outside of back door as per conversation w/

4. Site Location:

Indicate the latitude and longitude coordinates of the site (accurate to 0.005 minutes):

29-26.600 N ^{36"}

81-30.717 W ^{43"}

Geoffrey Boardall, PE
6/22/98

Method used for determination: Quad Map Differential GPS

5. Well Survey Information:

Provide the following information concerning a drinking water well located within 1 mile of the site, as specified in the site screening guidance manual:

If no drinking water wells exist within 1 mile of the site, check here: _____

a. Name, address, permit number and lat/long of the drinking water well:

REDDY ICE CORP / SPARKLE CLEAR ICE WELL # B + # A

NORTH SUMMIT STREET CRESCENT CITY

Permit Number: 2-107-0289 AUX (2 WELLS)

SWITCH $\left\{ \begin{array}{l} \text{B } \underline{81-30.767} \text{ N} \\ \text{W } \underline{29-26.683} \text{ W} \end{array} \right\} \#B \left. \begin{array}{l} \text{B1-30.767} \\ \text{29-26.683} \end{array} \right\} \#A$

b. Indicate if the well is contaminated:

YES NO (NOT CONFIRMED)

c. Indicate the proximity of the well to the site. (select only one):

Within 500 feet Within 1/2 mile
 Within 1/4 mile Within 1 mile

d. Indicate the type of drinking water well (select only one):

Private Drinking Water Well
If Private Drinking Water Well, then indicate the date the well was constructed, if known: ___/___/___

Public Water Supply Well * WATER USED TO MAKE ICE FOR SALE TO PUBLIC

- e. Indicate the permitted capacity of the well (select only one):
- Less than 100,000 gallons per day
 - More than 100,000 gallons per day but less than 1 million gallons per day ^{*}
 - More than 1 million gallons per day ^{* 69,000 /dy EACH WELL}

f. Indicate the completed interval of the well, if available:

INTERVAL NOT PROVIDED

g. Indicate the aquifer in which the well is completed:

- | | |
|--|--|
| <input type="checkbox"/> Biscayne | <input type="checkbox"/> Intermediate (non-Floridan) |
| <input checked="" type="checkbox"/> Floridan | <input type="checkbox"/> Sand and gravel |
| <input type="checkbox"/> Other _____ | <input type="checkbox"/> Surficial |

6. Contaminant Characteristics

Based on analytical data meeting the requirements in Section 3 of the Site Screening Report Guidance Manual:

a. Has contamination from chlorinated drycleaning solvents been detected at the site during this screening or previous assessment activities?

- YES NO

b. If YES, indicate the sample matrix and the highest concentration of chlorinated solvents detected (attach supporting documentation).

Matrix	Concentration	
<input type="checkbox"/> Soil	_____	milligrams/kilogram
<input checked="" type="checkbox"/> Groundwater	<u>1.7</u>	micrograms/liter

7. Environmental Setting

Indicate if the following features are located within the given proximity of the site.

a. A surface water body, used as a public water supply system, is located within 1/2 mile of the site?

- YES NO

If YES, then indicate the name and location of the surface water body supply system:

b. Is there a surface water body that has been designated as an Outstanding Florida Water Body located within 1/2 mile of the site?

YES NO

If YES, then indicate the name and location of the water body:

c. Is an area of Critical State Concern located within 1/2 mile of the site?

YES NO

If YES, then indicate the area of Critical State Concern:

Big Cypress Swamp Green Swamp
 Florida Keys

d. Is a surface water body located within 1/4 mile of the site?

YES NO

If YES, then indicate the name and location of the closest water body within 1/4 mile of the site:

8. Probable Source of Contamination:

Check all that apply:

a. Leak or spill from:

Solvent or waste solvent storage container
 Machines or stills

b. Discharge or spill to:

Septic tank
 Sewage line
 Dry well
 Directly to ground
 Directly to other surface that has not been rendered impervious to drycleaning solvents

c. Spill during solvent transfer

d. Other (explain)

UNKNOWN

9. Professional Certification (Professional Geologist or Professional Engineer registered in the State of Florida)

I hereby certify that the data and findings of this screening report were conducted in accordance with the Site Screening Report Guidance Manual, are accurate and true to the best of my knowledge and were prepared by me or under my direct supervision.



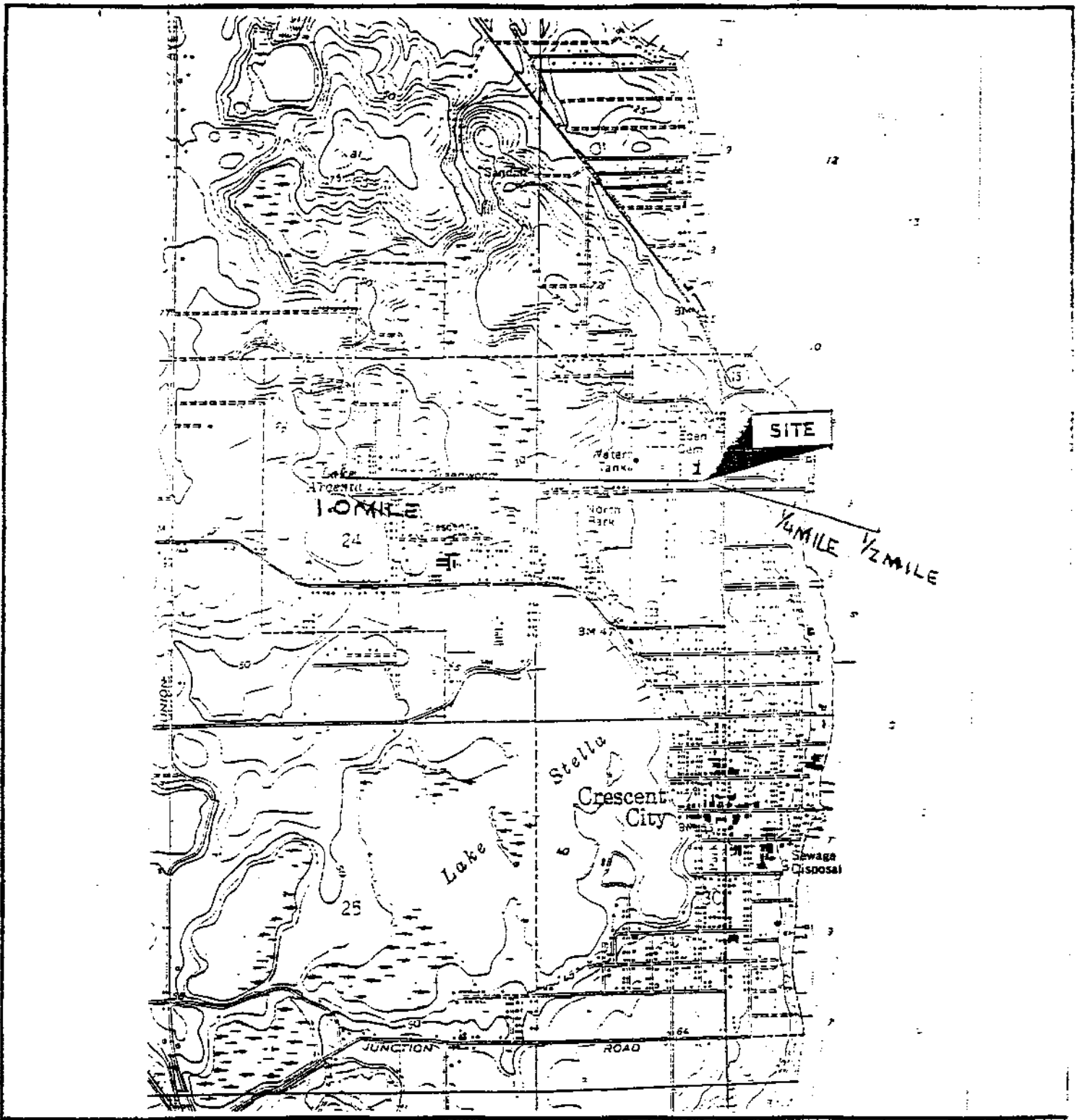
(Seal)
Courtney Beard
Signature
EARTH SYSTEMS
Company

5/4/98
Date
900086G
CompQAP Number

10. Attachments to the Site Screening Report Form:

- a. Area map
- b. Site map
- c. Supporting analytical soil and/or groundwater data

Note: The Site Screening Report Form is one component of the Application Package. In order for the Application Package to be deemed complete, the Site Screening Report Form must accompany a complete Application Form and any Notice Letter for Joint Application Form(s), if applicable.



<p>ATTACHMENT 10a - AREA MAP NOTE 1, 1/2, AND 1/4 MILE RADII SCALE: 1" = 2000 FT.</p>	<p>SITE NAME: CAN O MAGIC ADDRESS: 921 N SUMMIT ST CITY: CRESCENT CITY COUNTY: AYNAH</p>	<p>SITE CENTERED ON MAP LATITUDE <u>29-26.600</u> N LONGITUDE <u>81-30.717</u> W USGS 7.5 TOPO QUAD NAME:</p>
---	---	--



EARTH SYSTEMS

August 28, 1997

Mr. J. Kendrick Tucker
Huey, Guilday & Tucker, P.A.
P.O. Box 1794
Tallahassee, Florida 32302

RE: Store No. 7250
925 North Summit Street
Crescent City, Florida 32112

Dear Mr. Tucker:

Enclosed please find the soil, ground water and asbestos analytical data associated with the environmental investigations at the above referenced property. A summary of the conducted analyses is provided in the following paragraphs.

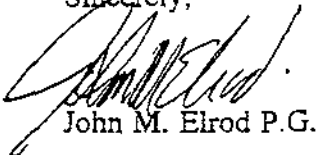
Thirteen asbestos samples were analyzed by polarized light microscopy for asbestos by EMSL. A review of the results, included as an attachment to this letter, did not indicate the presence of any asbestos in the sampled materials.

A soil sample was collected from approximately 7 feet below land surface on July 3, 1997. The soil sample was analyzed by EPA Method 8010 for halogenated volatile organic compounds. The analytical results did not indicate any reportable concentrations of the analyzed parameters.

A temporary well point was installed adjacent west of the dry cleaners on August 14, 1997. The well was installed using a truck mounted drill rig and the solid stem auger method. The well was installed to a depth of 25 feet below land surface. The static water level was 17 feet below land surface. After development, a ground water sample was collected and analyzed by EPA Method 601. The ground water analytical results indicated a concentration of 1.7 µg/L (micrograms per liter) Tetrachloroethene. This compound, also known as Perchloroethene, a common solvent used in the dry cleaning industry, has a primary drinking water standard of 3 µg/L.

It has been a pleasure conducting the study for Miller Enterprises. We look forward to working with you in the future. Should you have any questions or require additional information, please contact me at your convenience.

Sincerely,



John M. Elrod P.G.

JME/ss

cc: Roger Larson, SuperValu
Harry Middleton, Miller Enterprises

AEL, Inc.

Analytical Report

Client: Earth Systems
Project Name:
Project No.: Miller Enter. Dryclean
Address: 528 North First St.
Jacksonville Beach, FL 32250
Attention: John Elrod

Report No.: J970677
Date Sampled: 8/14/97
Date Submitted: 8/14/97
Date Reported: 8/15/97
Project Chemist: Chuck Ged
Page No.: 1 of 3

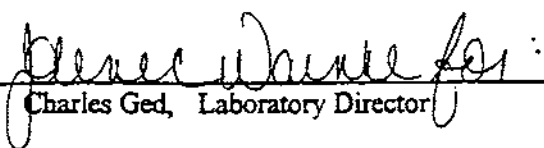
Sample Description

The following water sample was submitted by Earth Systems on 8/14/97 for analysis outlined on the attached Chain of Custody:

Project # Miller Enter. Dryclean

I. DC-1 @ 10:45

Approved by: _____


Charles Ged, Laboratory Director

AEL, Inc.

Quality Assurance Report

Client: Earth Systems
 Project No.: Miller Enter. Dryclean
 Matrix: Water

Report No.: J970677
 Date Sampled: 8/14/97
 Date Submitted: 8/14/97
 Date Reported: 8/15/97

Page No.: 2 of 3

EPA Method 5030/601
 Units: µg/L

Lab Code: 970677-1 970677-mb
 Dilution Factor: 1 1
 Date Analyzed: 8/14/97 8/14/97
 Sample Name: DC-1 Method Blank

Analytes	MRL	DC-1	Blank
Dichlorodifluoromethane	1	U	U
Chloromethane	1	U	U
Vinyl Chloride	1	U	U
Bromomethane	1	U	U
Chloroethane	1	U	U
Trichlorofluoromethane	1	U	U
1,1-Dichloroethene	1	U	U
Methylene Chloride	1	U	U
trans-1,2-Dichloroethene	1	U	U
1,1-Dichloroethane	1	U	U
Chloroform	1	U	U
1,1,1-Trichloroethane	1	U	U
Carbon Tetrachloride	1	U	U
1,2-Dichloroethane	1	U	U
Trichloroethene	1	U	U
1,2-Dichloropropane	1	U	U
Bromodichloromethane	1	U	U
cis-1,3-Dichloropropene	1	U	U
trans-Dichloropropene	1	U	U
1,1,2-Trichloroethane	1	U	U
Tetrachloroethene	1	1.7	U
Dibromochloromethane	1	U	U
Chlorobenzene	1	U	U
Bromoform	1	U	U
1,1,2,2-Tetrachloroethane	1	U	U
1,3-Dichlorobenzene	1	U	U
1,4-Dichlorobenzene	1	U	U
1,2-Dichlorobenzene	1	U	U
	Acceptance Limits	Percent Recovery	Percent Recovery
Surrogates	70-135	79	95

U Not detected above the MRL
 MRL Method Reporting Limit

AEL, Inc.

Quality Assurance Report

Client: Earth Systems
 Project No.: Miller Enter. Dryclean
 Matrix: Water

Report No.: J970677
 Date Sampled: 8/14/97
 Date Submitted: 8/14/97
 Date Reported: 8/15/97

Page No.: 3 of 3

EPA Method 5030/601/602
 Units: µg/L

Matrix Spike/Matrix Spike Duplicate Summary

Lab Code : 970677-1ms
 Date Analyzed: 8/14/97

Analyte	Spike Level		Sample Result	Spike Result		% Recovery		Acceptance limits	% RPD
	MS	MSD		MS	MSD	MS	MSD		
1,1-Dichloroethene	50	50	U	44.5	46.7	89	93	28-167	4
Trichloroethene	50	50	U	46.1	50.3	82	101	35-147	19
Tetrachloroethene	50	50	U	47.1	51.5	94	103	26-162	9
Surrogates									
Bromochloromethane	50	50		47.2	50.4	94	101	70-135	7

Laboratory Control Sample Summary

Lab Code : 970677-lcs
 Date Analyzed: 8/14/97

Analyte	True Value	Result	Percent Recovery	Acceptance Limits
1,1-Dichloroethene	50	40.9	82	28-167
Trichloroethene	50	46.2	97	35-146
Tetrachloroethene	50	46.9	94	26-162
Surrogates				
Bromochlormethane	50	47.2	94	70-135

Site Screening Report Form

Please Print or Type (See Site Screening Guidance Manual for Instructions)
COMPLETE ENTIRE FORM

DEP Form 62-781.900(1)
Form Title: <u>Site Screening Report and Questionnaire Form</u>
Effective Date: _____
DEP Application No: _____

(FDEP) Use Only)

Instructions and definitions that are necessary for completing this form can be obtained from the Site Screening Report Guidance Manual. Information provided on this form shall be in accordance with the directions and provisions of the Site Screening Guidance Manual.

1. Fire or Explosion Hazard:

If a fire or explosion hazard existed at the site, then provide the date that the hazard was reported to the State Warning Point and the local fire department:

Date _____

NOTE: DO NOT USE THIS SITE SCREENING REPORT FORM TO REPORT A FIRE AND EXPLOSION HAZARD TO THE DEPARTMENT. If the fire or explosion hazard has not been reported to the State Warning Point at 1-904-413-9911 and the local fire department, then immediately notify these authorities.

2. Documentation of Contamination

a. Laboratory used to analyze sample:

ALLIANCE ENVIRONMENTAL CompQAP No. 960215G

b. Methodology used: EPA Method 601

c. Sample Media Soil Groundwater

d. Sample Analysis Results (report highest concentration only):

Sample location	Depth of sample (feet below land surface)	Drycleaning solvent detected	Concentration (units):
DC-1 WEST (BEHIND) OF THE FACILITY	25	TETRACHLOROETHYLENE	1.7 (ug/L)

3. Site Location

Indicate the latitude and longitude coordinates of the site (accurate to 0.005 minutes):

81° 29' 26" 36" N
81° 30' 43" W

Method used for determination Quad Map Differential GPS **Bureau of Waste Cleanup**

4. Well Survey Information:

Provide the following information concerning drinking water wells located within 1 mile of the site, as specified in the site screening guidance manual:

a. Name, address, permit number and lat/long of the drinking water well:

REDDY ICE CORP / SPARKLE CLEAR ICE WELL # B
NORTH SUMMIT STREET CRESCENT CITY

Permit Number 2-107-0289AUX

81 30 46 N

29 26 40 W

b. Indicate if the well is contaminated:

YES

NO

c. Indicate the proximity of the well to the site. (select only one):

Within 500 feet

Within 1/2 mile

Within 1/4 mile

Within 1 mile

d. Provide information based on type of drinking water well (select only one):

Private Drinking Water Well

If Private Drinking Water Well, then indicate the date the well was constructed, if known: _____

Public Water Supply Well WATER IS USED TO MAKE ICE

e. Information based on the permitted capacity of well (select only one):

Less than 100,000 gallons per day

More than 100,000 gallons per day but less than 1 million gallons day

More than 1 million gallons per day

f. Provide the completed interval of the well

INTERVAL NOT PROVIDED IN RECORDS
COMPLETED IN THE FLORIDIAN AQUIFER. TOTAL DEPTH
= 246 FT

g. Provide the information based on the aquifer that the well is completed in:

Biscayne

Intermediate (non-Floridan)

Floridan

Sand and gravel

Other

Surficial

5. Environmental Setting:

Indicate if the following features are located within the given proximity of the site.

- a. A surface water body, used as a public water supply system, is located 1/2 mile of the site?

YES NO

If YES, then indicate the name and location of the closest system within 1/2 mile of the site:

- b. Is there a surface water body that has been designated as an Outstanding Florida Water Body located within 1/2 mile of the site?

YES NO

If YES, then indicate the name and location of the water body:

- c. Is an area of Critical State Concern located within 1/2 mile of the site:

YES NO

If YES, then indicate the area of Critical State Concern:

- Apalachicola Bay Green Swamp
 Big Cypress Swamp Florida Keys

- d. Is a surface water body located within 1/4 mile of the site?

YES NO

If YES, then indicate the name and location of the closest water body within 1/4 mile of the site:

6. Source of Contamination

Check all that apply:

1. Leak from solvent or waste solvent storage container
2. Discharge or spill to:
 - Septic tank
 - Sewage line
 - Dry well
 - Directly to ground
 - Directly to other surface that has not been rendered impervious to drycleaning solvents
3. Spill during solvent transfer
4. Leak or spill from machines or stills
5. Other (explain)

UNKNOWN

7. Professional Certification (Professional Geologist or Professional Engineer registered in the State of Florida):

I hereby certify that the data and findings of this screening report were conducted in accordance with the Site Screening Report Guidance Manual, are accurate and true to the best of my knowledge and was prepared by me or under my direct supervision.

(Seal)

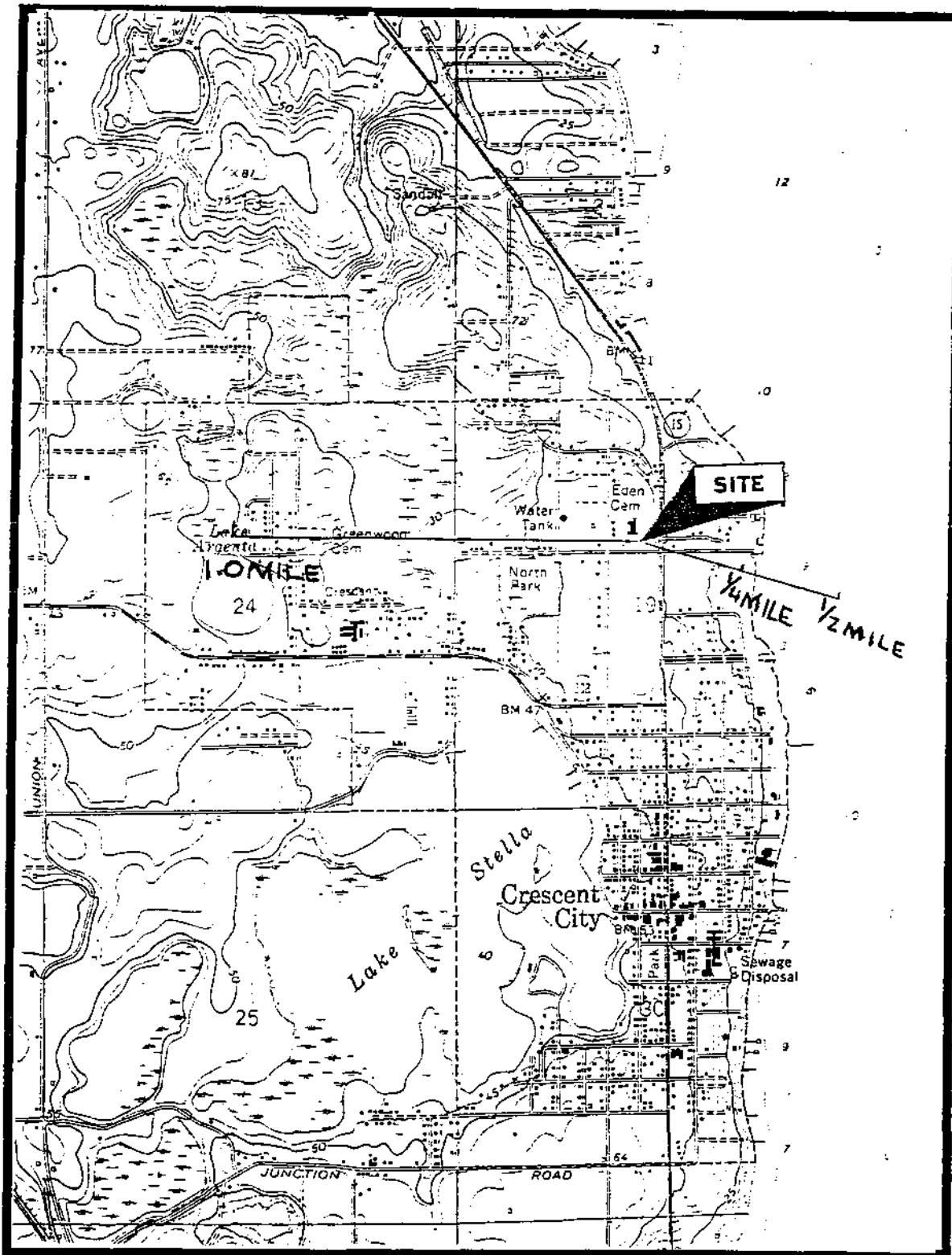
Geoffrey Beardall
Signature
EARTH SYSTEMS GROUP, INC
Company

2/12/98
Date
9000B6G
CompQAP Number

8. Attachments to the Site Screening Report Form:

- Area Map
- Site Map
- Supporting analytical soil and/or groundwater data

Note: The Site Screening Report Form is one component of the Application Package. In order for the Application Package to be deemed complete, the Site Screening Report Form must accompany a complete Application Form and any Notice Letter for Joint Application Form(s), if applicable.



ATTACHMENT 1 - AREA MAP

NOTE 1, 1/2, AND 1/4 MILE RADII

SCALE: 1" = 2000 FT

SITE NAME COIN-O-MAGIC

ADDRESS: 921 N SUMMIT ST

CITY: CRESCENT CITY

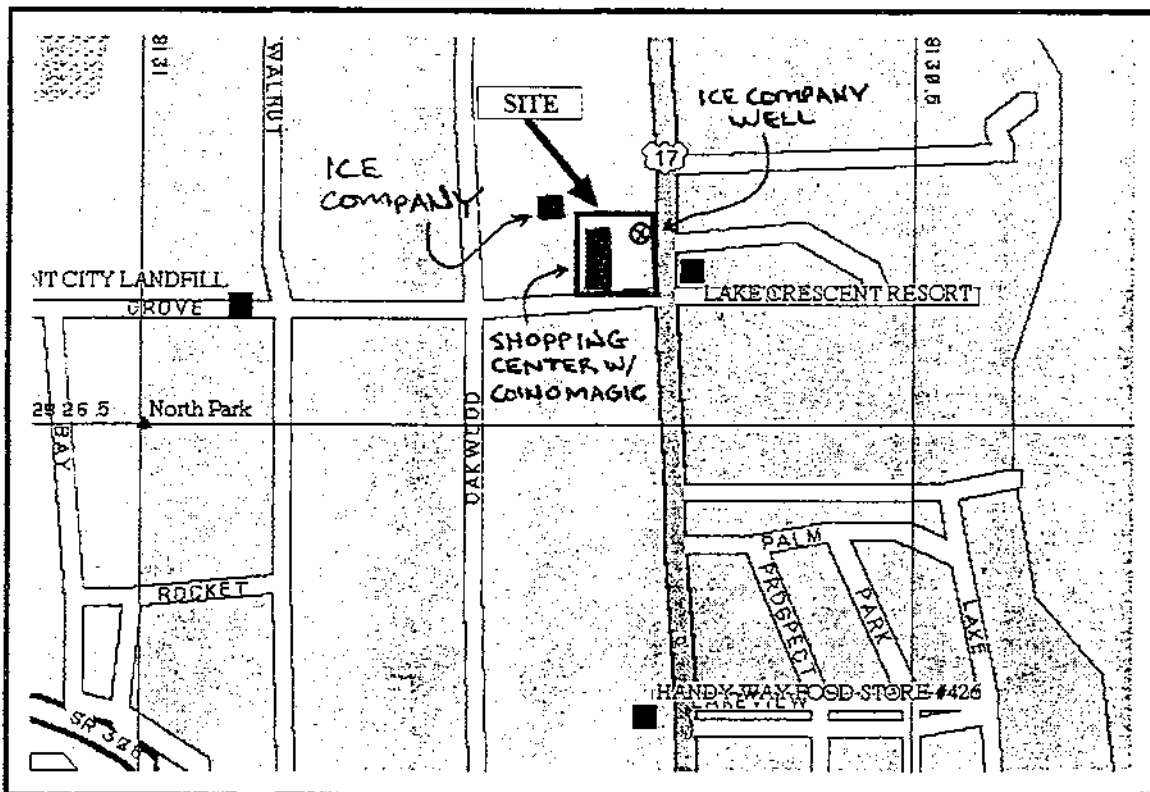
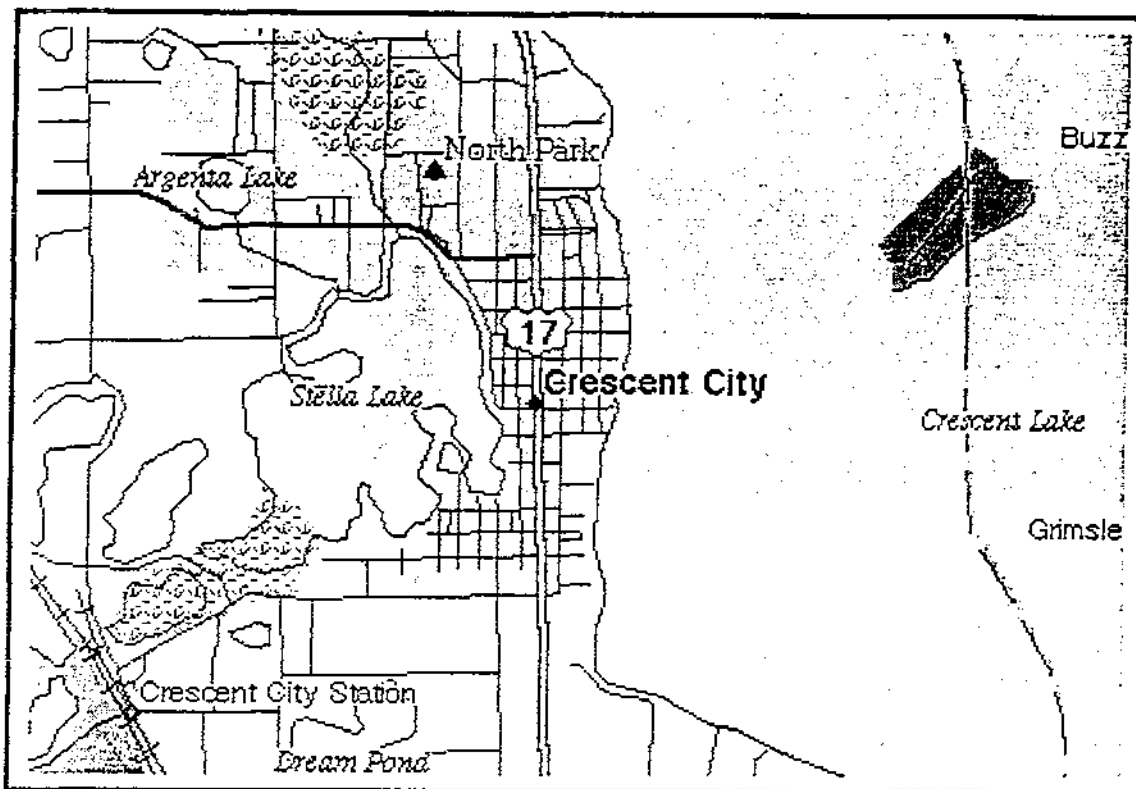
COUNTY: PUTNAM

SITE-CENTERED ON MAP

LATITUDE 29° 26' 36" N

LONGITUDE 81° 30' 43" W

USGS 7.5 TOPO QUAD NAME:
CRESCENT CITY



ATTACHMENT 2

SITE MAP

SCALE: 1" = 660 FT

SITE NAME CONO-MAGIC

ADDRESS: 421 N. SUMMIT ST

CITY: CRESCENT CITY

COUNTY: PUTNAM

SITE CENTERED ON MAP

LATITUDE $29^{\circ} 26' 36''$ N

LONGITUDE $81^{\circ} 30' 43''$ W

MAP IS NOT FOR SURVEY PURPOSES

AEL, Inc.

Quality Assurance Report

Client: Earth Systems
 Project No.: Miller Enter. Dryclean
 Matrix: Water

Report No.: J970677
 Date Sampled: 8/14/97
 Date Submitted: 8/14/97
 Date Reported: 8/15/97

Page No.: 2 of 3

EPA Method 5030/601

Units: µg/L

Lab Code: 970677-1 970677-mb
 Dilution Factor: 1 1
 Date Analyzed: 8/14/97 8/14/97
 Sample Name: DC-1 Method

Analytes	MRL	DC-1	Blank
Dichlorodifluoromethane	1	U	U
Chloromethane	1	U	U
Vinyl Chloride	1	U	U
Bromomethane	1	U	U
Chloroethane	1	U	U
Trichlorofluoromethane	1	U	U
1,1-Dichloroethene	1	U	U
Methylene Chloride	1	U	U
trans-1,2-Dichloroethene	1	U	U
1,1-Dichloroethane	1	U	U
Chloroform	1	U	U
1,1,1-Trichloroethane	1	U	U
Carbon Tetrachloride	1	U	U
1,2-Dichloroethane	1	U	U
Trichloroethene	1	U	U
1,2-Dichloropropane	1	U	U
Bromodichloromethane	1	U	U
cis-1,3-Dichloropropene	1	U	U
trans-Dichloropropene	1	U	U
1,1,2-Trichloroethane	1	U	U
Tetrachloroethene	1	1.7	U
Dibromochloromethane	1	U	U
Chlorobenzene	1	U	U
Bromoform	1	U	U
1,1,2,2-Tetrachloroethane	1	U	U
1,3-Dichlorobenzene	1	U	U
1,4-Dichlorobenzene	1	U	U
1,2-Dichlorobenzene	1	U	U
	Acceptance	Percent	Percent
Surrogates	Limits	Recovery	Recovery
Bromochloromethane	70-135	79	95

U Not detected above the MRL
 MRL Method Reporting Limit



EARTH SYSTEMS

August 28, 1997

Mr. J. Kendrick Tucker
Huey, Guilday & Tucker, P.A.
P.O. Box 1794
Tallahassee, Florida 32302

RE: Store No. 7250
925 North Summit Street
Crescent City, Florida 32112

Dear Mr. Tucker:

Enclosed please find the soil, ground water and asbestos analytical data associated with the environmental investigations at the above referenced property. A summary of the conducted analyses is provided in the following paragraphs.

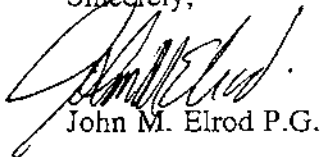
Thirteen asbestos samples were analyzed by polarized light microscopy for asbestos by EMSL. A review of the results, included as an attachment to this letter, did not indicate the present of any asbestos in the sampled materials.

A soil sample was collected from approximately 7 feet below land surface on July 3, 1997. The soil sample was analyzed by EPA Method 8010 for halogenated volatile organic compounds. The analytical results did not indicate any reportable concentrations of the analyzed parameters.

A temporary well point was installed adjacent west of the dry cleaners on August 14, 1997. The well was installed using a truck mounted drill rig and the solid stem auger method. The well was installed to a depth of 25 feet below land surface. The static water level was 17 feet below land surface. After development, a ground water sample was collected and analyzed by EPA Method 601. The ground water analytical results indicated a concentration of 1.7 $\mu\text{g/L}$ (micrograms per liter) Tetrachloroethene. This compound, also known as Perchloroethene, a common solvent used in the dry cleaning industry, has a primary drinking water standard of 3 $\mu\text{g/L}$.

It has been a pleasure conducting the study for Miller Enterprises. We look forward to working with you in the future. Should you have any questions or require additional information, please contact me at your convenience.

Sincerely,



John M. Elrod P.G.

JME/ss

cc: Roger Larson, SuperValu
Harry Middleton, Miller Enterprises

Bureau of Waste Cleanup

APR 16 1998

**Hazardous Waste
Cleanup Section**

AEL, Inc.

Analytical Report

Client: Earth Systems
Project Name:
Project No.: Miller Enter. Dryclean
Address: 528 North First St.
Jacksonville Beach, FL 32250
Attention: John Elrod

Report No.: J970677
Date Sampled: 8/14/97
Date Submitted: 8/14/97
Date Reported: 8/15/97
Project Chemist: Chuck Ged
Page No.: 1 of 3

Sample Description

The following water sample was submitted by Earth Systems on 8/14/97 for analysis outlined on the attached Chain of Custody:

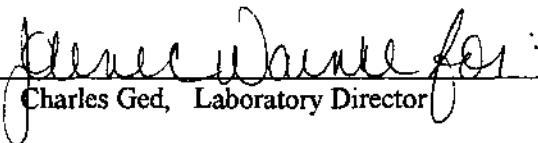
Project # Miller Enter. Dryclean

1. DC-1 @ 10:45

Bureau of Waste Cleanup

APR 16 1998
Hazardous Waste
Cleanup Section

Approved by: _____


Charles Ged, Laboratory Director

AEL, Inc.

Quality Assurance Report

Client: Earth Systems
 Project No.: Miller Enter. Dryclean
 Matrix: Water

Report No.: J970677
 Date Sampled: 8/14/97
 Date Submitted: 8/14/97
 Date Reported: 8/15/97

Page No.: 3 of 3

EPA Method 5030/601/602

Units: µg/L

Matrix Spike/Matrix Spike Duplicate Summary

Lab Code : 970677-1ms
 Date Analyzed: 8/14/97

Analyte	Spike Level		Sample Result	Spike Result		% Recovery		Acceptance limits	% RPD
	MS	MSD		MS	MSD	MS	MSD		
1,1-Dichloroethene	50	50	U	44.5	46.7	89	93	28-167	4
Trichloroethene	50	50	U	46.1	50.3	82	101	35-147	19
Tetrachloroethene	50	50	U	47.1	51.5	94	103	26-162	9
Surrogates									
Bromochloromethane	50	50		47.2	50.4	94	101	70-135	7

Laboratory Control Sample Summary

Lab Code : 970677-1cs
 Date Analyzed: 8/14/97

Analyte	True Value	Result	Percent Recovery	Acceptance Limits
1,1-Dichloroethene	50	40.9	82	28-167
Trichloroethene	50	46.2	97	35-146
Tetrachloroethene	50	46.9	94	26-162
Surrogates				
Bromochlormethane	50	47.2	94	70-135

U Not detected above the MRL



ALLIANCE
ENVIRONMENTAL
LABORATORIES, INC.

8409 LAUREL FAIR CIRCLE, SUITE 100, TAMPA, FL 33610 • (813) 626-0101 Fax (813) 626-0746
8936 WESTERN WAY, SUITE 7, JACKSONVILLE, FL 32256 • (904) 363-9350 Fax (904) 363-9354

CHAIN OF CUSTODY RECORD

JOB NUMBER
970677

CLIENT NAME: EARTH SYSTEMS	PROJECT NAME: Miller Ent. DryClean	PRESERVATIVE 4-90ml Ice	CONTAINER SIZE AND TYPE	LAB USE
ADDRESS: 528 N. 1st Street	P. O. NUMBER / PROJECT NUMBER			
PHONE: _____ FAX: _____	PROJECT LOCATION: Crescent City			
CONTACT: J. Elrod	SAMPLED BY: J. Elrod			
TURN AROUND TIME or RESULTS DUE BY: <input type="checkbox"/> STANDARD <input type="checkbox"/> VERBAL <input checked="" type="checkbox"/> RUSH <input type="checkbox"/> FAX <input type="checkbox"/> OTHER _____ <input type="checkbox"/> HARD COPY _____	SPECIAL INSTRUCTIONS:	EPA 601		

SAMPLE ID	SAMPLE DESCRIPTION	SAMPLING		MATRIX	NO. OF CONTAIN.
		DATE	TIME		
DC-1	Groundwater	08-14-97	10:45	GW	4

* GW—Groundwater SW—Surface Water DW—Drinking Water WW—Wastewater SO—Solid/Soil SL—Sludge HW—Hazardous Waste A—Air

FIELD PARAMETERS / COMMENTS:	TRANS. NO.	TRANSFERS RELINQUISHED BY:	ACCEPTED BY:	DATE	TIME
	1	J. Elrod	<i>[Signature]</i>	08-14-97	1223
	2				
	3				
CONTAINERS/SEALS INTACT: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	ON ICE / 4°C <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	SHIPPED VIA Client			



EARTH SYSTEMS

August 28, 1997

Mr. J. Kendrick Tucker
Huey, Guilday & Tucker, P.A.
P.O. Box 1794
Tallahassee, Florida 32302

RE: Store No. 7250
925 North Summit Street
Crescent City, Florida 32112

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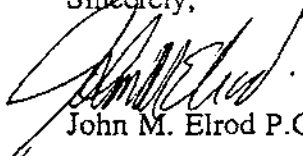
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A temporary well point was installed adjacent west of the dry cleaners on August 14, 1997. The well was installed using a truck mounted drill rig and the solid stem auger method. The well was installed to a depth of 25 feet below land surface. The static water level was 17 feet below land surface. After development, a ground water sample was collected and analyzed by EPA Method 601. The ground water analytical results indicated a concentration of 1.7 $\mu\text{g/L}$ (micrograms per liter) Tetrachloroethene. This compound, also known as Perchloroethene, a common solvent used in the dry cleaning industry, has a primary drinking water standard of 3 $\mu\text{g/L}$.

It has been a pleasure conducting the study for Miller Enterprises. We look forward to working with you in the future. Should you have any questions or require additional information, please contact me at your convenience.

Sincerely,


John M. Elrod P.G.

Bureau of Waste Cleanup

JME/ss

cc: Roger Larson, SuperValu
Harry Middleton, Miller Enterprises

APR 16 1998
Hazardous Waste
Cleanup Section

AEL, Inc.

Analytical Report

Client: Earth Systems
Project Name:
Project No.: Miller Enter. Dryclean
Address: 528 North First St.
Jacksonville Beach, FL 32250
Attention: John Elrod

Report No.: J970677
Date Sampled: 8/14/97
Date Submitted: 8/14/97
Date Reported: 8/15/97
Project Chemist: Chuck Ged
Page No.: 1 of 3

Sample Description

The following water sample was submitted by Earth Systems on 8/14/97 for analysis outlined on the attached Chain of Custody:

Project # Miller Enter. Dryclean

1. DC-1 @ 10:45

Bureau of Waste Cleanup

APR 16 1998

**Hazardous Waste
Cleanup Section**

Approved by: _____

Charles Ged
Charles Ged, Laboratory Director

AEL, Inc.

Quality Assurance Report

Client: Earth Systems
 Project No.: Miller Enter. Dryclean
 Matrix: Water

Report No.: J970677
 Date Sampled: 8/14/97
 Date Submitted: 8/14/97
 Date Reported: 8/15/97

Page No.: 2 of 3

EPA Method 5030/601

Units: µg/L

Lab Code: 970677-1 970677-mb
 Dilution Factor: 1 1
 Date Analyzed: 8/14/97 8/14/97
 Sample Name: DC-1 Method Blank

Analytes	MRL	DC-1	Method Blank
Dichlorodifluoromethane	1	U	U
Chloromethane	1	U	U
Vinyl Chloride	1	U	U
Bromomethane	1	U	U
Chloroethane	1	U	U
Trichlorofluoromethane	1	U	U
1,1-Dichloroethene	1	U	U
Methylene Chloride	1	U	U
<i>trans</i> -1,2-Dichloroethene	1	U	U
1,1-Dichloroethane	1	U	U
Chloroform	1	U	U
1,1,1-Trichloroethane	1	U	U
Carbon Tetrachloride	1	U	U
1,2-Dichloroethane	1	U	U
Trichloroethene	1	U	U
1,2-Dichloropropane	1	U	U
Bromodichloromethane	1	U	U
<i>cis</i> -1,3-Dichloropropene	1	U	U
<i>trans</i> -Dichloropropene	1	U	U
1,1,2-Trichloroethane	1	U	U
Tetrachloroethene	1	1.7	U
Dibromochloromethane	1	U	U
Chlorobenzene	1	U	U
Bromoform	1	U	U
1,1,2,2-Tetrachloroethane	1	U	U
1,3-Dichlorobenzene	1	U	U
1,4-Dichlorobenzene	1	U	U
1,2-Dichlorobenzene	1	U	U
Surrogates	Acceptance Limits	Percent Recovery	Percent Recovery
Bromochloromethane	70-135	79	95

U Not detected above the MRL
 MRL Method Reporting Limit

AEL, Inc.

Quality Assurance Report

Client: Earth Systems
 Project No.: Miller Enter. Dryclean
 Matrix: Water

Report No.: J970677
 Date Sampled: 8/14/97
 Date Submitted: 8/14/97
 Date Reported: 8/15/97

Page No.: 3 of 3

EPA Method 5030/601/602
 Units: µg/L

Matrix Spike/Matrix Spike Duplicate Summary

Lab Code : 970677-1ms
 Date Analyzed: 8/14/97

Analyte	Spike Level		Sample Result	Spike Result		% Recovery		Acceptance limits	% RPD
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1,1-Dichloroethene	50	50	U	44.5	46.7	89	93	28-167	4
Trichloroethene	50	50	U	46.1	50.3	82	101	35-147	19
Tetrachloroethene	50	50	U	47.1	51.5	94	103	26-162	9
Surrogates									
Bromochloromethane	50	50		47.2	50.4	94	101	70-135	7

Laboratory Control Sample Summary

Lab Code : 970677-lcs
 Date Analyzed: 8/14/97

Analyte	True Value	Result	Percent Recovery	Acceptance Limits
1,1-Dichloroethene	50	40.9	82	28-167
Trichloroethene	50	46.2	97	35-146
Tetrachloroethene	50	46.9	94	26-162
Surrogates				
Bromochloromethane	50	47.2	94	70-135

U Not detected above the MRL.



CHAIN OF CUSTODY RECORD

JOB NUMBER
970677

ALLIANCE ENVIRONMENTAL LABORATORIES, INC. 8409 LAUREL FAIR CIRCLE, SUITE 100, TAMPA, FL 33610 • (813) 626-0101 Fax (813) 626-0746
8936 WESTERN WAY, SUITE 7, JACKSONVILLE, FL 32256 • (904) 363-9350 Fax (904) 363-9354

CLIENT NAME:
EARTH SYSTEMS

ADDRESS:
528 N. 1st Street

Jacksonville Beach FL 32250

PHONE: _____ FAX: _____

CONTACT:
J. Elrod

PROJECT NAME:
Miller Ent. Dry Clean

P. O. NUMBER / PROJECT NUMBER _____

PROJECT LOCATION:
Crescent City

SAMPLED BY:
J Elrod

PRESERVATIVE
4-40ml Ice

CONTAINER SIZE AND TYPE

ANALYSES REQUESTED
EPA 601

LAB USE

TURN AROUND TIME or RESULTS DUE BY:

STANDARD VERBAL _____

RUSH _____ FAX _____

OTHER _____ HARD COPY _____

SPECIAL INSTRUCTIONS:

SAMPLE ID	SAMPLE DESCRIPTION	SAMPLING		MATRIX	NO. OF CONTAIN.													
		DATE	TIME															
DC-1	Groundwater	08-14-97	10:45	GW	4													

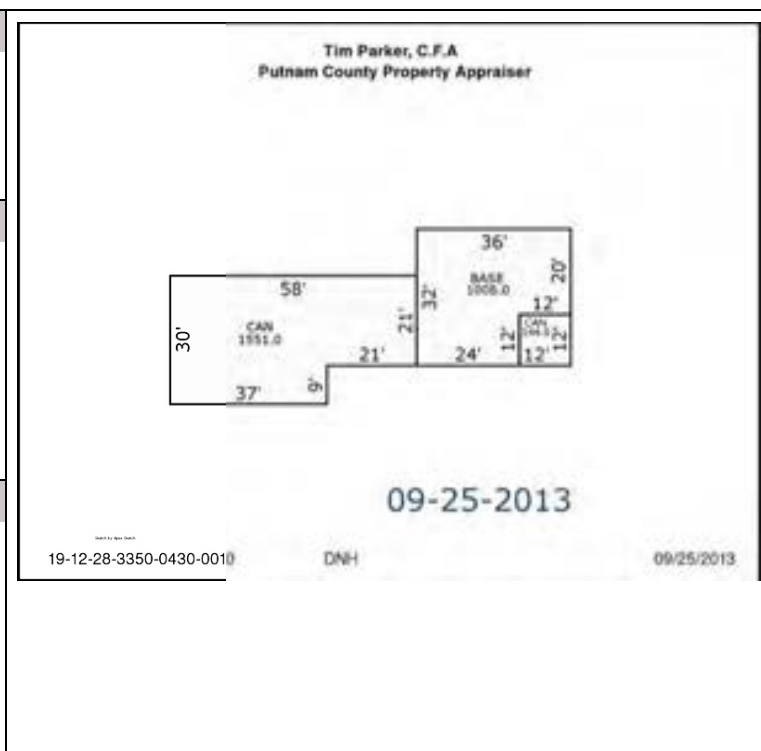
* GW—Groundwater SW—Surface Water DW—Drinking Water WW—Wastewater SO—Solid/Soil SL—Sludge HW—Hazardous Waste A—Air

FIELD PARAMETERS / COMMENTS:	TRANS. NO.	TRANSFERS RELINQUISHED BY:	ACCEPTED BY:	DATE	TIME
		1	J. Elrod	<i>[Signature]</i>	08-14-97
	2				
	3				
CONTAINERS/SEALS INTACT <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	ON ICE / 4°C <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	SHIPPED VIA <i>Client</i>			

Parcel Owner Mailing
 19-12-28-3350-0430-0010
 PEOPLES BANK OF CRESCENT CITY
 CORPORATE REAL EST NC1-001-03-81
 101 N TRYON ST
 CHARLOTTE NC 28255

911 Description
 913 NORTH SUMMIT ST, CRESCENT CITY
 GROVE LOTS MB2 P30 PT OF GROVE
 LOT 43 OR314 P699

Parcel Sales Data							
Book	Page	Instrument	Month	Year	QSCD	Price	
0520	0177	GOE	Feb	1988	02	\$100	
0314	0699	CWD	Nov	1974		\$100	
0312	0086	WD	Sep	1974		\$6,000	



Orig Parcel	Line	Code	Length	Width	Sq Ft	Rate	Value
	1						
	2						
	3						
	4						
	5						
	6						
	7						
	8						
	9						

Exemption	Count	Max Value	Min Value	Applied To

Improvement Value	Land Value	Market Value	Just Value CU	CU Value	Market Adjusted	Use Code	Improvements	Location	Total Acres	Zoning	FLUM
\$76,965	\$80,150	\$157,115	\$0	\$0	\$157,115	23	1	City of Crescent City	0.92	GC-1	CC

Extra Features				
Line	Code	Description	Value	
1	1	Walks	168	
2	3	Asphalt Paving	4,200	
3	1	Walks	60	
4	3	Asphalt Paving	600	
5				
6				
7				
8				
9				
Total 5,028				

Parcel Value Breakdown			
Taxing District	Assessed Limited	Minus(-) Exemptions	Taxable Value
County	\$146,201	\$0	\$146,201
School	\$157,115	\$0	\$157,115
Other	\$146,201	\$0	\$146,201

Primary Improvement					
Desc	Class	Type	Base Rate	Adj Base Rate	Base Sq Ft
Banks	H	0	78.37	104.31	1008
			Dep Rate 1.25	Elf Yr Built 1975	Oth Dep 0.00
			Yr Built 1975	Dep Rep Cost 71,937	Adj Dep Cost 71,937
			Tag	MFG	Length
			Model	Width	Lot #

Improvement Area & Additions				
Desc	% Rate	Rate	Sq Ft	Cost
BASE	100	104.31	1008	105,144
CAN	20	20.86	144	3,004
CAN	20	20.86	1551	32,354
Total Replacement Cost 140,502				

Land Lines														
Line	Code	Depth Chart	Depth In Feet	Corner Factor	Depth Factor	Cond	Adjustment	Unit Price	Adj Unit Price	Units	Just Value	CU Unit Price		
1	76	0	200	100%	100%	100%	100%	2.00	2.00	40075.00	80,150			
2														
3														
4														
5														
6														
Total											80,150	0	0	80,150

NOTICE: This is an interim Putnam County file. Property assessment information is subject to change until it is certified in October.



Department of Environmental Protection

Lawton Chiles
Governor

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Virginia B. Wetherell
Secretary

July 13, 1998

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

Mr. Gary F. McKinnon
Coin-O-Magic
210 Azalea Circle
Palatka, Florida 32177

**Subject: Coin-O-Magic
921 North Summit Street
Crescent City, Florida 32112
DEP Facility ID 549701090**

Dear Mr. McKinnon:

The Department has completed its review of the application package submitted in accordance with Chapter 62-781, Florida Administrative Code (F.A.C.). The Department has determined that the referenced site is eligible for state-administered cleanup under the Drycleaning solvent Cleanup Program.

Pursuant to Section 376.3078(5), Florida Statutes (F.S.), the site has received a score of 77. A priority list of eligible sites will be maintained by the Department, based on an ordering of scored sites such that the highest scored sites are of the highest priority for rehabilitation. Scored sites are incorporated into this list on a quarterly basis with all sites previously on the list being adjusted accordingly.

Section 376.3078, F.S., provides that cleanup of this incident be absorbed at the expense of the Hazardous Waste Management Trust Fund, minus a deductible payable by the applicant(s). The deductible for this facility, pursuant to 376.3078(3)(d), is \$5,000 and will be payable upon notice from the Department. Also, participation in the Program is contingent upon continual compliance with the conditions of eligibility set forth in Section 376.3078(3), F.S.

Persons whose substantial interests are affected by this Order of Eligibility have a right, pursuant to Sections 120.569 and 120.57, F.S., to petition for an administrative determination (hearing). The Petition must conform to the requirements of Chapters 62-103 and 28-5, F.A.C., and must be filed (received with the Department's Office of General Counsel, 3900 Common-

Mr. Gary McKinnon

Page Two

July 13, 1998

wealth Boulevard, Tallahassee, Florida 32399-3000, within twenty-one (21) calendar days of receipt of this Notice. Failure to file a petition within the twenty-one (21) calendar days constitutes a waiver of any right such persons have to an administrative determination (hearing) pursuant to Sections 120.569 and, 120.57, F.S.

The petition shall contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department's Facility Identification Number and county in which the project is proposed; (b) A statement of how and when each petitioner received notice of the Department's action or proposed action; (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action; (d) A statement of the material facts disputed by petitioner if any; (e) A statement of how each petitioners contends warrant reversal or modification of the Department's action or proposed action; (f) A statement of which rules or statutes petitioner contends warrant reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above, as set forth in Chapters 62-103 and 28-5 F.A.C., and must be filed (received) with the Department's Office of General Counsel, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000, within twenty-one (21) calendar days of receipt of this Notice. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Sections 120.569 and 120.5, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to rule 22I-6, F.A.C.

This Order of Eligibility is final and effective on the date of receipt of this Order unless a petition is filed in accordance with the preceding paragraph. Upon the timely filing of such petition, this Order will not be effective until further order of the Department. Please be advised that mediation of administrative disputes arising from or relating to this Order of Eligibility is not available (Section 120.573, F.S.); when requested the Department will continue to meet and discuss disputed issues with parties adversely affected by this Order.

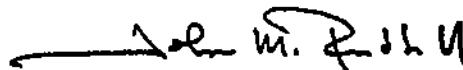
Mr. Gary McKinnon
Page Three
July 13, 1998

When the Order is final, any party to the Order has the right to seek judicial review of the Order pursuant to Section 120.68, F.S., by filing a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000; and by filing a copy of the Notice of Appeal, accompanied by the applicable filing fees, with the appropriate District Court of Appeal. The Notice of Appeal must be received by the Department Clerk within thirty (30) days from the date this Order becomes final.

The DEP Facility Number for this site is referenced in the subject line of this letter. Please use this identification on all future correspondence with the Department.

The questions you may have on the technical aspects of this Order of Eligibility should be directed to Mr. William Burns at 850/488-0190. Contact with Mr. Burns does not constitute a petition for administrative determination.

Sincerely,



John M. Ruddell, Director
Division of Waste Management

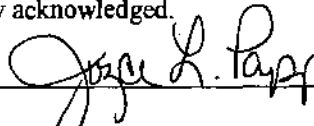
JMR/wbb

cc: Harry Middleton, Circle Investments, Ltd.
Neil Hornick, Northeast District
Geoffrey Beardall, P.G.

FILING AND ACKNOWLEDGMENT:

FILED, on this date, pursuant to §120.52, Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

Clerk



13 JUL 98

Date

Department of Environmental Protection
Routing and Transmittal Slip

Name	MS	Name	MS
1. Doug Jones <i>5/7/98</i>		5.	
2. John Ruddell		6.	
3.		7.	
4.		8.	

Remarks:

Attached is the application file and order of **ELIGIBILITY**

for Drycleaning Facility # 549701090

This facility is:

in operation and has not been recently inspected

in operation and was inspected on _____ by the District / Local Program

no longer in operation (closed: _____)

From: Charles Ziegmont *CZ*

Date:

7/6/98

Phone: 413-0065

Z 333 662 143

US Postal Service

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Street & Number Court - B - Magic	
Post Office, State, & ZIP Code 210 Unfiled Cir	
Postage Retail	\$
Certified Fee	32177
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Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date Mailed 14 Jul 98	

PS Form 3800, April 1995

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1. If you want this receipt postmarked, stick the gummed stub to the right of the return address leaving the receipt attached, and present the article at a post office service window or hand it to your rural carrier (no extra charge).

2. If you do not want this receipt postmarked, stick the gummed stub to the right of the return address of the article, date, detach, and retain the receipt, and mail the article.

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5. Enter fees for the services requested in the appropriate spaces on the front of this receipt. If return receipt is requested, check the applicable blocks in item 1 of Form 3811.

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102595-97 B 0145

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

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- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

GARY F. MCKINNON
COIN - O - MAGIC
210 AZALEA CIR
PALATKA, FL 32177

4a. Article Number

2 333 662 143

4b. Service Type

- | | |
|---|---|
| <input type="checkbox"/> Registered | <input checked="" type="checkbox"/> Certified |
| <input type="checkbox"/> Express Mail | <input type="checkbox"/> Insured |
| <input type="checkbox"/> Return Receipt for Merchandise | <input type="checkbox"/> COD |

7. Date of Delivery

7-16-98

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8. Addressee's Address (Only if requested and fee is paid)

6. Signature (Addressee or Agent)

X- [Handwritten Signature]

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DC Solvent Cleanup Program, MS#4520
Dept. of Environmental Protection
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Bureau of Waste Cleanup

JUL 20 1998

Hazardous Waste
Cleanup Section



COIN-O-MAGIC
FAC ID# 64970499

**9.7 LIMITED PHASE II ENVIRONMENTAL SITE
ASSESSMENT REPORT**

**LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT
LAKE GROVE
913 NORTH SUMMIT STREET
CRESCENT CITY, FLORIDA 32112
MAIL CODE ID: FL8-095
PROPERTY ID: FL8-095
TETRA TECH PROJECT NO. 103P2210150**



Prepared for

Bank of America, N.A.
525 North Tryon Street
NC1-023-09-01
Charlotte, North Carolina 28255

Report Date: March 3, 2015

Prepared by



Tetra Tech, Inc.
712 Melrose Avenue
Nashville, Tennessee 37211

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APPENDICES

APPENDIX A FIGURES

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 TABLE 1: SOIL GAS BORING SUMMARY AND ANALYTICAL
 RESULTS

APPENDIX C LABORATORY ANALYTICAL REPORT

EXECUTIVE SUMMARY

Tetra Tech, Inc. (Tetra Tech) was engaged by Bank of America, N.A. (BANA) to complete a Limited Phase II Environmental Site Assessment (ESA) for the property located at 913 North Summit Street, Crescent City, Florida (the Site).

The Site is an approximate 0.92-acre parcel of land improved with an approximate 1,008-square foot one-story commercial bank building constructed in 1975. The remainder of the Site consists of covered automated teller machine (ATM)/drive-through lanes, paved parking, grassed areas, and landscaped areas. Based on review of historical documentation, the Site was agricultural land (orchards) prior to the development of the current building.

The Coin-O-Magic dry cleaning facility, located at 921 North Summit Street, is located approximately 170-feet to the northwest of the Site, in an adjacent shopping center. There is known contamination associated with the facility. A soil sample collected at the facility in 1997 identified groundwater contamination of 1.7 micrograms/Liter ($\mu\text{g/L}$) of tetrachloroethylene (PCE). Information regarding additional assessment or the extent of the impact was not available. Based on the known contamination associated with the facility, limited information regarding soil and groundwater impact, and proximity to the Site, the facility is considered an off-Site recognized environmental condition (REC).

On February 3, 2015, Tetra Tech completed three soil gas borings (SV-1, SV-2, and SV-3) at the Site. Tetra Tech collected one 30-minute soil gas sample from each soil boring location. The soil gas samples were submitted for laboratory analysis for Volatile Organic Compounds (VOCs) by U.S. Environmental Protection Agency (EPA) Method TO-15.

The soil gas analytical results were evaluated using the U.S. EPA Office of Solid Waste and Emergency Response (OSWER) vapor intrusion guidance. The soil gas analytical results were compared to the Target Shallow Soil Gas Concentration Corresponding to Target Indoor Air Concentration Where the Soil Gas to Indoor Air Attenuation Factor = 0.1, found in *Table 2b: Question 4 Generic Screening Levels and Summary Sheet, Risk = 1×10^{-5}* , of the U.S. EPA OSWER *Draft Guidance for Evaluating the Vapor Intrusion to Indoor Air Pathway from Groundwater and Soils (Subsurface Vapor Intrusion Guidance)* dated, November 2002.

Multiple VOC constituents were detected above the laboratory reporting limit (RL); however, the VOCs with corresponding EPA OSWER General Screening Levels were below those screening levels.

Based on the results of this assessment, no further assessment is recommended at this time.

SECTION 1 INTRODUCTION

Tetra Tech was engaged by Bank of America, N.A. (BANA) to complete a Limited Phase II Environmental Site Assessment (Phase II ESA) for the Lake Grove facility herein referred to as the “Site,” located in Crescent City, Florida (see Site Location Map and Soil Boring Location Map in Appendix A). The Limited Phase II ESA was recommended based on the findings of the Phase I ESA completed for the Site by Tetra Tech in November 2014. The primary objective of the Limited Phase II ESA was to disclose to Bank of America that subsurface contamination does or does not exist in the sample locations at the facility.

1.1 SITE DESCRIPTION AND BACKGROUND

The Site is an approximate 0.92-acre parcel of land improved with an approximate 1,008-square foot one-story commercial bank building constructed in 1975. The remainder of the Site consists of covered automated teller machine (ATM)/drive-through lanes, paved parking, grassed areas, and landscaped areas. Based on review of historical documentation, the Site was agricultural land (orchards) prior to the development of the current building.

In November 2014, Tetra Tech completed a Phase I ESA of the Site located at 913 North Summit Street, Crescent City, Florida. The Phase I ESA reported the following recognized environmental condition (REC):

- The Coin-O-Magic drycleaning facility, located at 921 North Summit Street, is located approximately 170-feet to the northwest of the Site, in an adjacent shopping center. There is known contamination associated with the facility. A soil sample collected at the facility in 1997 identified groundwater contamination of 1.7 micrograms/Liter ($\mu\text{g/L}$) of tetrachloroethylene (PCE). Information regarding additional assessment or the extent of the impact was not available. Based on the known contamination associated with the facility, limited information regarding soil and groundwater impact, and proximity to the Site, the facility is considered an off-Site recognized environmental condition (REC).

1.2 CURRENT LAND USE

The Site and vicinity are located in an area of residential, medical, and light commercial facilities. The use of the adjacent properties is summarized in the table below.

ADJACENT USES

North	Retail shopping center including Family Dollar, Beall's Outlet, Laundromat, Island Doctors, and Save-A-Lot grocery store
East	Undeveloped land with North Summit Street followed by Crescent City Animal Clinic and Reiter Insurance Agency beyond
South	Grove Avenue followed by Community Pharmacy and Medical Center and Crescent Lake Apartments
West	An asphalt parking lot followed by residential homes

SECTION 2 PHYSICAL SETTING

The following sections relay the physical setting of the Site based on observations during the field activities and readily available resources.

2.1 TOPOGRAPHY

According to the USGS 7.5-minute series Crescent City, Florida Topographic Quadrangle Map, the Site is approximately 50 feet above mean sea level (MSL) and is relatively flat with no significant sloping (see Figure 1 in Appendix A). Storm water flows via sheet flow toward adjacent roadways and storm water drains located in the parking area of the shopping center adjacent to the north.

2.2 SOILS AND GEOLOGY

According to the U.S. Department of Agriculture, Natural Resources Conservation Service's Web Soil Survey (websoilsurvey.nrcs.usda.gov), the soils on the Site are primarily of the Candler fine sand. The Candler series consists of excessively drained soils that formed from eolian deposits and/or sandy loamy marine deposits on knolls and ridges of marine terraces. The Site is located within an area of undifferentiated sediments of the Pleistocene/Holocene age. Undifferentiated sediments consist of varying thicknesses of siliciclastics, organics, and freshwater carbonates.

2.3 GROUNDWATER AND HYDROGEOLOGY

Based on surface topography, as interpreted from the USGS topographic quadrangle map, the groundwater in the immediate area of the Site is assumed to flow to the east towards the Crescent Lake. The actual groundwater flow direction may be locally influenced by factors such as surface topography, underground structures, oil and gas extraction, seasonal fluctuations, soil and bedrock geology, water wells, and other factors. Determination of the groundwater conditions at the Site is beyond the scope of this study.

SECTION 3

LIMITED PHASE II ESA METHODS

The following sections discuss the field activities conducted as a part of this Limited Phase II ESA.

3.1 SCOPE OF WORK

A proposal was prepared by Tetra Tech, which outlined the scope-of-work (SOW) for the Limited Phase II ESA activities at the Site and was submitted to BANA on January 9, 2015. On January 14, 2015, Tetra Tech received authorization from BANA to implement the Limited Phase II ESA activities. The proposal presents the SOW, including field methodology, analytical goals, and Quality Assurance (QA)/Quality Control (QC) process, which were followed during the field activities performed on February 3, 2015. A site specific Health and Safety Plan was developed for the Site prior to any work being executed.

3.2 UTILITIES CLEARANCE

Tetra Tech pre-marked drilling locations and notified Sunshine State One Call to identify and locate Site utilities. The Sunshine State One Call ticket number issued for the Site was 030500057.

3.3 LIMITED SUBSURFACE ACTIVITIES

Tetra Tech mobilized to the Site on February 3, 2015, to complete the activities as outlined in the Limited Phase II ESA proposal.

3.3.1 SOIL BORING SUMMARY

A stainless steel hand auger was utilized to drive through the grassy ground cover at the Site to core into the native soil to a depth of approximately five (5) feet below grade. One 1-Liter soil gas sample was collected from each location over a 30-minute time period. A dedicated soil gas probe with sampling tubing was used to collect one soil gas sample from each location. During the installation of each probe, hydrated bentonite was used to seal around the probe at the ground surface to prevent ambient air intrusion. In addition, to prevent ambient air infiltration, the inner soil vapor pathway from the probe tip to the surface was also continuously sealed (i.e., the sampling tube was attached to the probe tip via a friction fit adaptor).

In accordance with the U.S. EPA guidance document, the sampling tubes were small in diameter (1/8-inch inside diameter) and made of teflon, which would not react or interact with the suspect site contaminants. In

addition, to avoid any cross-contamination, non-reusable (sample-dedicated) sampling tubing was discarded after the collection of each sample.

Tetra Tech applied the U.S. EPA recommended purging or sampling rate of no more than 0.2 liters per minute (L/min) to limit stripping, prevent ambient air from diluting soil vapor samples, and to reduce the variability of purging rates. The low flow purge rate increased the likelihood that representative samples were collected.

To prevent the photodegradation of halogenated VOCs, soil vapor samples were collected in a 1-Liter Summa canister, which is a gas tight and opaque/dark container. A regulator was attached to each summa canister to allow for a consistent intake of air over the course of 30 minutes.

The sample locations are presented in Figure 2 in Appendix A. Table 1 in Appendix B provides a summary of boring depths.

3.3.2 SOIL GAS ANALYTICAL SAMPLING

The soil gas samples were submitted to Eurofins Air Toxics, Inc. (Air Toxics), of Folsom, California, for laboratory analysis of VOCs by EPA Method TO-15. The QA/QC methods followed by Air Toxics are outlined in the laboratory analytical report included in Appendix C.

3.3.3 INVESTIGATION DERIVED WASTE

During Tetra Tech's assessment, soil cuttings were used to backfill the borings. No investigation derived waste was generated.

SECTION 4 RESULTS

The following is a summary of the results of the activities associated with the Limited Phase II ESA.

4.1 SOIL GAS ANALYTICAL RESULTS

The soil gas samples were submitted to Air Toxics for laboratory analysis. Air Toxics reported the data in an analytical report, dated February 18, 2015, which is presented in Appendix C.

According to the City of Crescent City, the Site is zoned as General Commercial (GC). The soil gas analytical results were evaluated using the U.S. EPA Office of Solid Waste and Emergency Response (OSWER) vapor intrusion guidance. The soil gas analytical results were compared to the Target Shallow Soil Gas Concentration Corresponding to Target Indoor Air Concentration Where the Soil Gas to Indoor Air Attenuation Factor = 0.1, found in *Table 2b: Question 4 Generic Screening Levels and Summary Sheet, Risk = 1×10^{-5}* , of the U.S. EPA OSWER *Draft Guidance for Evaluating the Vapor Intrusion to Indoor Air Pathway from Groundwater and Soils (Subsurface Vapor Intrusion Guidance)* dated, November 2002.

4.2.1 SOIL GAS DATA

Multiple VOC constituents were detected above the laboratory reporting limit (RL); however, the VOCs with corresponding EPA OSWER General Screening Levels were below those screening levels. Table 1 in Appendix B summarizes the soil gas analytical results for the detected chemicals only as compared to the regulatory limits.

SECTION 5 CONCLUSIONS

Based on the results of this assessment, no further assessment is recommended at this time.

This report was prepared in accordance with generally accepted environmental practices and procedures, the project scope of work, and the terms and conditions in the agreement. This report does not discuss areas of the structure not included in the scope of work and therefore not assessed. The assessment provided here is a professional opinion; no other warranty is expressed or implied.

SECTION 6 LIMITATIONS

The observations described in this report were made under the conditions stated therein. The conclusions presented in the report were based solely upon the services described therein, and not on scientific tasks or procedures beyond the scope of described services or the time and budgetary constraints imposed by the BANA. The work described in this report was carried out in accordance with the Terms and Conditions in our contract.

In preparing this report, Tetra Tech has relied on certain information provided by state and local officials and other parties referenced therein, and on information contained in the files of state and/or local agencies available to Tetra Tech at the time of the Site assessment. Although there may have been some degree of overlap in the information provided by these various sources, Tetra Tech did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this Site assessment.

It is Tetra Tech's understanding that the purpose of this report is to assess the physical characteristics of the Site with respect to the presence on the Site of hazardous material or oil. This stated purpose has been a significant factor in determining the scope and level of services provided for in the agreement. Should the purpose for which the report is to be used or the proposed use of the Site(s) change, this report is no longer valid and use of this report by BANA or others without Tetra Tech's review and written authorization shall be at the user's sole risk.

This Report was prepared for the exclusive use of the BANA. No other party is entitled to rely on the conclusions, observations, specifications, or data contained therein without the express written consent of Tetra Tech.

This report was performed using the degree of care and skill ordinarily exercised, under similar circumstances, by Professional Consultants practicing in this or similar localities. No other warranty or guarantee, expressed or implied, is made as to the conclusion and professional advice included in this report.

The interpretations and conclusions contained within this report are based upon the result of independent laboratory tests and analysis intended to detect the presence and/or concentration of specific chemical constituents in samples retrieved from the subject site. Such testing and analysis has been conducted by an

independent certified testing laboratory. Tetra Tech has no control over such testing and analysis, and disclaims any responsibility for any errors or omissions arising there from.

Chemical analyses have been performed for specific constituents during the course of this Site assessment, as described in the text. However, it should be noted that additional chemical constituents not searched for during the current study may be present in soil and/or groundwater at the Site.

Information pertaining to actual subsurface conditions exists only at the described sample locations. It is possible that subsurface conditions may vary from those indicated. The conclusions and recommendations contained in this report are based in part, where noted, upon the data obtained from a limited number of soil samples obtained from widely spaced subsurface explorations. The nature and extent of variations between these explorations may not become evident until further exploration. If variations or other latent conditions then appear evident, it will be necessary to reevaluate the conclusions and recommendations of this report.

The conclusions and recommendations contained in this report are based in part, where noted, upon various types of chemical data and are contingent upon their validity. These data have been reviewed and interpretations made in the report. As indicated within the report, some of these data may be preliminary screening level data and should be confirmed with quantitative analyses if more specific information is necessary. Moreover, it should be noted that variations in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal water table fluctuations, past disposal practices, the passage of time, and other factors. Should additional chemical data become available in the future, these data should be reviewed, and the conclusions and recommendations presented herein modified accordingly.

The observations and conclusions described in this report are based solely on the Scope of Services provided pursuant to the agreement. Tetra Tech has not performed any additional observations, investigations, studies, or testing not specifically stated therein. Tetra Tech shall not be liable for the existence of any condition, the discovery of which required the performance of services not authorized under the agreement.

The passage of time may result in significant changes in technology, economic conditions, or Site variations that would render the report inaccurate. Accordingly, neither BANA, nor any other party, shall rely on the information or conclusions contained in this report after six months from its date of submission without the express written consent of Tetra Tech. Reliance on the report after such period of time shall be at the user's sole risk.

The services provided by Tetra Tech do not include legal advice. Legal counsel should be consulted regarding interpretation of applicable and relevant federal, state, and local statutes and regulations and other legal matters.

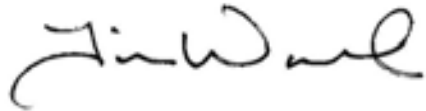
SECTION 7 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

This document was prepared under our direction or supervision to a standard designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on our knowledge of the conditions of the Site that is the subject of this document and our inquiries of the person or persons who actually planned, managed, and/or performed the investigative activities described herein, this document is true, accurate and complete, and all relevant site-specific data of which we are aware are presented in this document.

Sincerely,

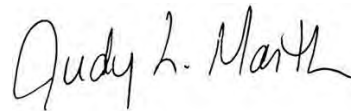
Tetra Tech, Inc.

Prepared by:



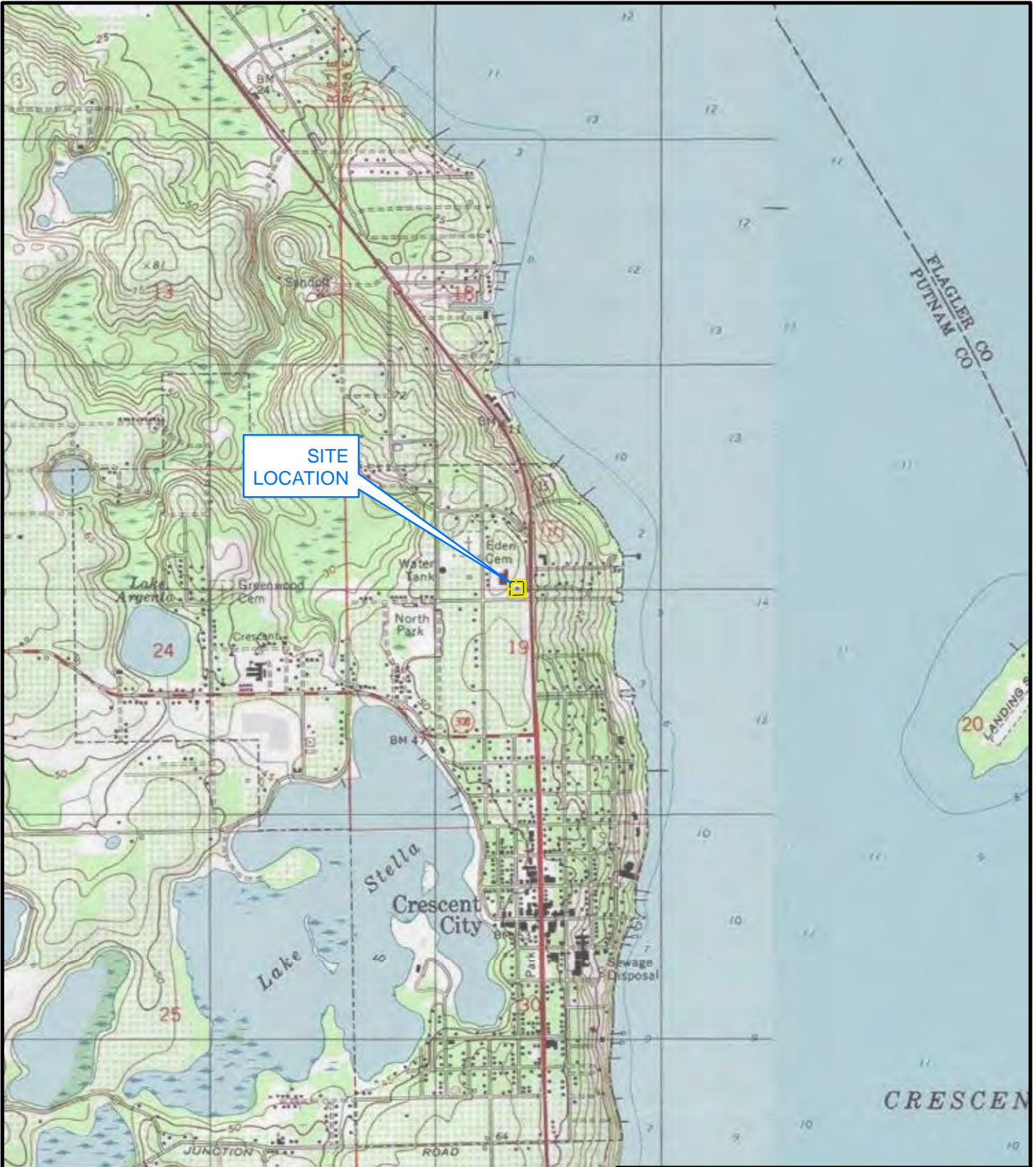
Tim D. Ward
Environmental Scientist


Reviewed by:

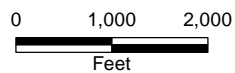
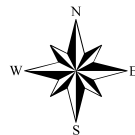


Judy L. Marth, CHMM
Senior Environmental Scientist

APPENDIX A
FIGURES



 Property Boundary







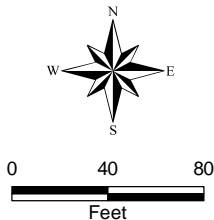
LAKE GROVE
913 NORTH SUMMIT STREET
CRESCENT CITY, FLORIDA

FIGURE 1
SITE LOCATION MAP





-  Property Boundary
-  Pole Mounted Transformer
-  Dumpster
-  Proposed Soil Vapor Location



SOURCE: MODIFIED FROM BING MAPS
HYBRID IMAGERY, 2010-2011.

LAKE GROVE
913 NORTH SUMMIT STREET
CRESCENT CITY, FLORIDA

FIGURE 2
SOIL GAS BORING LOCATION MAP



APPENDIX B
TABLE

TABLE 1: SOIL GAS BORING SUMMARY AND ANALYTICAL RESULTS

Soil Boring ID		SV-1	SV-2	SV-3	Regulatory Limits ¹
Sample Depth (ft)		5.0	5.0	5.0	EPA OSWER Target Shallow Soil Gas
Chemicals of Concern($\mu\text{g}/\text{m}^3$) ²					
VOCs by TO-15	Freon 11	280	190	340	----
	Acetone	170	180	290	3,500
	Chloroform	7.3	4.8	8.2	110
	Toluene	25	22	21	4,000
	Tetrachloroethene	59	48	48	810
	Ethyl Benzene	11	8.3	14	220
	m,p-Xylene	57	48	48	70,000
	o-Xylene	19	16	16	70,000
	Styrene	5.0	4.2	ND	10,000
	Propylbenzene	6.1	ND	5.6	1,400
	4-Ethyltoluene	18	16	17	----
	1,2,4-Trimethylbenzene	16	14	15	60

Notes:

- Regulatory values obtained from *Table 2b: Question 4 Generic Screening Levels and Summary Sheet, Risk 10-5* of the EPA OSWER Draft *Guidance for Evaluating the Vapor Intrusion to Indoor Air Pathway from Groundwater and Soils (Subsurface Vapor Intrusion Guidance)*, dated November 2002.
- Only the chemicals detected above the laboratory reporting limit are presented in this table.

Acronyms:

- EPA U.S. Environmental Protection Agency
- ft Feet
- ID Identification
- μ/m^3 Micrograms per cubic meter
- ND Not detected above RL
- OSWER Office of Solid Waste and Emergency Response
- VOCs Volatile organic compounds
- Regulatory limits not established

APPENDIX C
LABORATORY ANALYTICAL REPORT

2/18/2015

Mr. Tim Ward
Tetra Tech EM, Inc.
712 Melrose Avenue

Nashville TN 37211

Project Name: SOIL GAS Assessment Bank of America

Project #: 103P2210150

Workorder #: 1502183

Dear Mr. Tim Ward

The following report includes the data for the above referenced project for sample(s) received on 2/11/2015 at Air Toxics Ltd.

The data and associated QC analyzed by TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Ausha Scott at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Ausha Scott
Project Manager

WORK ORDER #: 1502183

Work Order Summary

CLIENT: Mr. Tim Ward
Tetra Tech EM, Inc.
712 Melrose Avenue
Nashville, TN 37211

BILL TO: Accounts Payable
Tetra Tech EM, Inc.
1 South Wacker Drive
Suite 3700
Chicago, IL 60606

PHONE: 615-254-4559

P.O. # 103P0977142

FAX:

PROJECT # 103P2210150 SOIL GAS Assessment

DATE RECEIVED: 02/11/2015

CONTACT: Bank of America
Ausha Scott

DATE COMPLETED: 02/18/2015

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	SV-3	TO-15	0 psi	14.8 psi
02A	SV-2	TO-15	0.4 psi	15 psi
03A	SV-1	TO-15	0 psi	14.8 psi
04A	Lab Blank	TO-15	NA	NA
05A	CCV	TO-15	NA	NA
06A	LCS	TO-15	NA	NA
06AA	LCSD	TO-15	NA	NA

CERTIFIED BY: _____



Technical Director

DATE: 02/18/15 _____

Certification numbers: AZ Licensure AZ0775, NJ NELAP - CA016, NY NELAP - 11291,
TX NELAP - T104704343-14-7, UT NELAP CA009332014-5, VA NELAP - 460197, WA NELAP - C935
Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2014, Expiration date: 10/17/2015.

Eurofins Air Toxics Inc.. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
EPA Method TO-15
Tetra Tech EM, Inc.
Workorder# 1502183

Three 1 Liter Summa Canister samples were received on February 11, 2015. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

Despite the use of flow controllers for sample collection, the final canister vacuums for samples SV-3, SV-2 and SV-1 were measured at ambient pressure. These ambient pressure readings were confirmed by the laboratory upon sample receipt.

Analytical Notes

The reported result for 4-Ethyltoluene in samples SV-3, SV-2 and SV-1 may be biased high due to co-elution with a non target compound with similar characteristic ions. Both the primary and secondary ion for 4-Ethyltoluene exhibited potential interference.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: SV-3

Lab ID#: 1502183-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 11	1.0	61	5.6	340
Acetone	10	120	24	290
Chloroform	1.0	1.7	4.9	8.2
Toluene	1.0	5.5	3.8	21
Tetrachloroethene	1.0	7.1	6.8	48
Ethyl Benzene	1.0	3.2	4.4	14
m,p-Xylene	1.0	11	4.4	48
o-Xylene	1.0	3.7	4.4	16
Propylbenzene	1.0	1.1	4.9	5.6
4-Ethyltoluene	1.0	3.4	4.9	17
1,2,4-Trimethylbenzene	1.0	3.0	4.9	15

Client Sample ID: SV-2

Lab ID#: 1502183-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 11	0.98	34	5.5	190
Acetone	9.8	78	23	180
Chloroform	0.98	0.98	4.8	4.8
Toluene	0.98	5.8	3.7	22
Tetrachloroethene	0.98	7.1	6.7	48
Ethyl Benzene	0.98	1.9	4.3	8.3
m,p-Xylene	0.98	11	4.3	48
o-Xylene	0.98	3.8	4.3	16
Styrene	0.98	0.99	4.2	4.2
4-Ethyltoluene	0.98	3.2	4.8	16
1,2,4-Trimethylbenzene	0.98	2.8	4.8	14

Client Sample ID: SV-1

Lab ID#: 1502183-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 11	1.0	50	5.6	280

**Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN**

Client Sample ID: SV-1

Lab ID#: 1502183-03A

Acetone	10	72	24	170
Chloroform	1.0	1.5	4.9	7.3
Toluene	1.0	6.7	3.8	25
Tetrachloroethene	1.0	8.7	6.8	59
Ethyl Benzene	1.0	2.6	4.4	11
m,p-Xylene	1.0	13	4.4	57
o-Xylene	1.0	4.5	4.4	19
Styrene	1.0	1.2	4.3	5.0
Propylbenzene	1.0	1.2	4.9	6.1
4-Ethyltoluene	1.0	3.7	4.9	18
1,2,4-Trimethylbenzene	1.0	3.2	4.9	16



Air Toxics

Client Sample ID: SV-3

Lab ID#: 1502183-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	j021216	Date of Collection:	2/3/15 12:51:00 PM
Dil. Factor:	2.01	Date of Analysis:	2/12/15 08:14 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.0	Not Detected	5.0	Not Detected
Freon 114	1.0	Not Detected	7.0	Not Detected
Chloromethane	10	Not Detected	21	Not Detected
Vinyl Chloride	1.0	Not Detected	2.6	Not Detected
1,3-Butadiene	1.0	Not Detected	2.2	Not Detected
Bromomethane	10	Not Detected	39	Not Detected
Chloroethane	4.0	Not Detected	11	Not Detected
Freon 11	1.0	61	5.6	340
Ethanol	4.0	Not Detected	7.6	Not Detected
Freon 113	1.0	Not Detected	7.7	Not Detected
1,1-Dichloroethene	1.0	Not Detected	4.0	Not Detected
Acetone	10	120	24	290
2-Propanol	4.0	Not Detected	9.9	Not Detected
Carbon Disulfide	4.0	Not Detected	12	Not Detected
3-Chloropropene	4.0	Not Detected	12	Not Detected
Methylene Chloride	10	Not Detected	35	Not Detected
Methyl tert-butyl ether	1.0	Not Detected	3.6	Not Detected
trans-1,2-Dichloroethene	1.0	Not Detected	4.0	Not Detected
Hexane	1.0	Not Detected	3.5	Not Detected
1,1-Dichloroethane	1.0	Not Detected	4.1	Not Detected
2-Butanone (Methyl Ethyl Ketone)	4.0	Not Detected	12	Not Detected
cis-1,2-Dichloroethene	1.0	Not Detected	4.0	Not Detected
Tetrahydrofuran	1.0	Not Detected	3.0	Not Detected
Chloroform	1.0	1.7	4.9	8.2
1,1,1-Trichloroethane	1.0	Not Detected	5.5	Not Detected
Cyclohexane	1.0	Not Detected	3.4	Not Detected
Carbon Tetrachloride	1.0	Not Detected	6.3	Not Detected
2,2,4-Trimethylpentane	1.0	Not Detected	4.7	Not Detected
Benzene	1.0	Not Detected	3.2	Not Detected
1,2-Dichloroethane	1.0	Not Detected	4.1	Not Detected
Heptane	1.0	Not Detected	4.1	Not Detected
Trichloroethene	1.0	Not Detected	5.4	Not Detected
1,2-Dichloropropane	1.0	Not Detected	4.6	Not Detected
1,4-Dioxane	4.0	Not Detected	14	Not Detected
Bromodichloromethane	1.0	Not Detected	6.7	Not Detected
cis-1,3-Dichloropropene	1.0	Not Detected	4.6	Not Detected
4-Methyl-2-pentanone	1.0	Not Detected	4.1	Not Detected
Toluene	1.0	5.5	3.8	21
trans-1,3-Dichloropropene	1.0	Not Detected	4.6	Not Detected
1,1,2-Trichloroethane	1.0	Not Detected	5.5	Not Detected
Tetrachloroethene	1.0	7.1	6.8	48
2-Hexanone	4.0	Not Detected	16	Not Detected



Air Toxics

Client Sample ID: SV-3

Lab ID#: 1502183-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	j021216	Date of Collection:	2/3/15 12:51:00 PM
Dil. Factor:	2.01	Date of Analysis:	2/12/15 08:14 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.0	Not Detected	8.6	Not Detected
1,2-Dibromoethane (EDB)	1.0	Not Detected	7.7	Not Detected
Chlorobenzene	1.0	Not Detected	4.6	Not Detected
Ethyl Benzene	1.0	3.2	4.4	14
m,p-Xylene	1.0	11	4.4	48
o-Xylene	1.0	3.7	4.4	16
Styrene	1.0	Not Detected	4.3	Not Detected
Bromoform	1.0	Not Detected	10	Not Detected
Cumene	1.0	Not Detected	4.9	Not Detected
1,1,2,2-Tetrachloroethane	1.0	Not Detected	6.9	Not Detected
Propylbenzene	1.0	1.1	4.9	5.6
4-Ethyltoluene	1.0	3.4	4.9	17
1,3,5-Trimethylbenzene	1.0	Not Detected	4.9	Not Detected
1,2,4-Trimethylbenzene	1.0	3.0	4.9	15
1,3-Dichlorobenzene	1.0	Not Detected	6.0	Not Detected
1,4-Dichlorobenzene	1.0	Not Detected	6.0	Not Detected
alpha-Chlorotoluene	1.0	Not Detected	5.2	Not Detected
1,2-Dichlorobenzene	1.0	Not Detected	6.0	Not Detected
1,2,4-Trichlorobenzene	4.0	Not Detected	30	Not Detected
Hexachlorobutadiene	4.0	Not Detected	43	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	93	70-130
1,2-Dichloroethane-d4	106	70-130
4-Bromofluorobenzene	95	70-130



Air Toxics

Client Sample ID: SV-2

Lab ID#: 1502183-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	j021217	Date of Collection:	2/3/15 12:52:00 PM
Dil. Factor:	1.97	Date of Analysis:	2/12/15 08:46 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.98	Not Detected	4.9	Not Detected
Freon 114	0.98	Not Detected	6.9	Not Detected
Chloromethane	9.8	Not Detected	20	Not Detected
Vinyl Chloride	0.98	Not Detected	2.5	Not Detected
1,3-Butadiene	0.98	Not Detected	2.2	Not Detected
Bromomethane	9.8	Not Detected	38	Not Detected
Chloroethane	3.9	Not Detected	10	Not Detected
Freon 11	0.98	34	5.5	190
Ethanol	3.9	Not Detected	7.4	Not Detected
Freon 113	0.98	Not Detected	7.5	Not Detected
1,1-Dichloroethene	0.98	Not Detected	3.9	Not Detected
Acetone	9.8	78	23	180
2-Propanol	3.9	Not Detected	9.7	Not Detected
Carbon Disulfide	3.9	Not Detected	12	Not Detected
3-Chloropropene	3.9	Not Detected	12	Not Detected
Methylene Chloride	9.8	Not Detected	34	Not Detected
Methyl tert-butyl ether	0.98	Not Detected	3.6	Not Detected
trans-1,2-Dichloroethene	0.98	Not Detected	3.9	Not Detected
Hexane	0.98	Not Detected	3.5	Not Detected
1,1-Dichloroethane	0.98	Not Detected	4.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.9	Not Detected	12	Not Detected
cis-1,2-Dichloroethene	0.98	Not Detected	3.9	Not Detected
Tetrahydrofuran	0.98	Not Detected	2.9	Not Detected
Chloroform	0.98	0.98	4.8	4.8
1,1,1-Trichloroethane	0.98	Not Detected	5.4	Not Detected
Cyclohexane	0.98	Not Detected	3.4	Not Detected
Carbon Tetrachloride	0.98	Not Detected	6.2	Not Detected
2,2,4-Trimethylpentane	0.98	Not Detected	4.6	Not Detected
Benzene	0.98	Not Detected	3.1	Not Detected
1,2-Dichloroethane	0.98	Not Detected	4.0	Not Detected
Heptane	0.98	Not Detected	4.0	Not Detected
Trichloroethene	0.98	Not Detected	5.3	Not Detected
1,2-Dichloropropane	0.98	Not Detected	4.6	Not Detected
1,4-Dioxane	3.9	Not Detected	14	Not Detected
Bromodichloromethane	0.98	Not Detected	6.6	Not Detected
cis-1,3-Dichloropropene	0.98	Not Detected	4.5	Not Detected
4-Methyl-2-pentanone	0.98	Not Detected	4.0	Not Detected
Toluene	0.98	5.8	3.7	22
trans-1,3-Dichloropropene	0.98	Not Detected	4.5	Not Detected
1,1,2-Trichloroethane	0.98	Not Detected	5.4	Not Detected
Tetrachloroethene	0.98	7.1	6.7	48
2-Hexanone	3.9	Not Detected	16	Not Detected



Air Toxics

Client Sample ID: SV-2

Lab ID#: 1502183-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	j021217	Date of Collection:	2/3/15 12:52:00 PM
Dil. Factor:	1.97	Date of Analysis:	2/12/15 08:46 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.98	Not Detected	8.4	Not Detected
1,2-Dibromoethane (EDB)	0.98	Not Detected	7.6	Not Detected
Chlorobenzene	0.98	Not Detected	4.5	Not Detected
Ethyl Benzene	0.98	1.9	4.3	8.3
m,p-Xylene	0.98	11	4.3	48
o-Xylene	0.98	3.8	4.3	16
Styrene	0.98	0.99	4.2	4.2
Bromoform	0.98	Not Detected	10	Not Detected
Cumene	0.98	Not Detected	4.8	Not Detected
1,1,2,2-Tetrachloroethane	0.98	Not Detected	6.8	Not Detected
Propylbenzene	0.98	Not Detected	4.8	Not Detected
4-Ethyltoluene	0.98	3.2	4.8	16
1,3,5-Trimethylbenzene	0.98	Not Detected	4.8	Not Detected
1,2,4-Trimethylbenzene	0.98	2.8	4.8	14
1,3-Dichlorobenzene	0.98	Not Detected	5.9	Not Detected
1,4-Dichlorobenzene	0.98	Not Detected	5.9	Not Detected
alpha-Chlorotoluene	0.98	Not Detected	5.1	Not Detected
1,2-Dichlorobenzene	0.98	Not Detected	5.9	Not Detected
1,2,4-Trichlorobenzene	3.9	Not Detected	29	Not Detected
Hexachlorobutadiene	3.9	Not Detected	42	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	98	70-130



Air Toxics

Client Sample ID: SV-1

Lab ID#: 1502183-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	j021218	Date of Collection:	2/3/15 12:53:00 PM
Dil. Factor:	2.01	Date of Analysis:	2/12/15 09:18 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	1.0	Not Detected	5.0	Not Detected
Freon 114	1.0	Not Detected	7.0	Not Detected
Chloromethane	10	Not Detected	21	Not Detected
Vinyl Chloride	1.0	Not Detected	2.6	Not Detected
1,3-Butadiene	1.0	Not Detected	2.2	Not Detected
Bromomethane	10	Not Detected	39	Not Detected
Chloroethane	4.0	Not Detected	11	Not Detected
Freon 11	1.0	50	5.6	280
Ethanol	4.0	Not Detected	7.6	Not Detected
Freon 113	1.0	Not Detected	7.7	Not Detected
1,1-Dichloroethene	1.0	Not Detected	4.0	Not Detected
Acetone	10	72	24	170
2-Propanol	4.0	Not Detected	9.9	Not Detected
Carbon Disulfide	4.0	Not Detected	12	Not Detected
3-Chloropropene	4.0	Not Detected	12	Not Detected
Methylene Chloride	10	Not Detected	35	Not Detected
Methyl tert-butyl ether	1.0	Not Detected	3.6	Not Detected
trans-1,2-Dichloroethene	1.0	Not Detected	4.0	Not Detected
Hexane	1.0	Not Detected	3.5	Not Detected
1,1-Dichloroethane	1.0	Not Detected	4.1	Not Detected
2-Butanone (Methyl Ethyl Ketone)	4.0	Not Detected	12	Not Detected
cis-1,2-Dichloroethene	1.0	Not Detected	4.0	Not Detected
Tetrahydrofuran	1.0	Not Detected	3.0	Not Detected
Chloroform	1.0	1.5	4.9	7.3
1,1,1-Trichloroethane	1.0	Not Detected	5.5	Not Detected
Cyclohexane	1.0	Not Detected	3.4	Not Detected
Carbon Tetrachloride	1.0	Not Detected	6.3	Not Detected
2,2,4-Trimethylpentane	1.0	Not Detected	4.7	Not Detected
Benzene	1.0	Not Detected	3.2	Not Detected
1,2-Dichloroethane	1.0	Not Detected	4.1	Not Detected
Heptane	1.0	Not Detected	4.1	Not Detected
Trichloroethene	1.0	Not Detected	5.4	Not Detected
1,2-Dichloropropane	1.0	Not Detected	4.6	Not Detected
1,4-Dioxane	4.0	Not Detected	14	Not Detected
Bromodichloromethane	1.0	Not Detected	6.7	Not Detected
cis-1,3-Dichloropropene	1.0	Not Detected	4.6	Not Detected
4-Methyl-2-pentanone	1.0	Not Detected	4.1	Not Detected
Toluene	1.0	6.7	3.8	25
trans-1,3-Dichloropropene	1.0	Not Detected	4.6	Not Detected
1,1,2-Trichloroethane	1.0	Not Detected	5.5	Not Detected
Tetrachloroethene	1.0	8.7	6.8	59
2-Hexanone	4.0	Not Detected	16	Not Detected



Air Toxics

Client Sample ID: SV-1

Lab ID#: 1502183-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	j021218	Date of Collection:	2/3/15 12:53:00 PM
Dil. Factor:	2.01	Date of Analysis:	2/12/15 09:18 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	1.0	Not Detected	8.6	Not Detected
1,2-Dibromoethane (EDB)	1.0	Not Detected	7.7	Not Detected
Chlorobenzene	1.0	Not Detected	4.6	Not Detected
Ethyl Benzene	1.0	2.6	4.4	11
m,p-Xylene	1.0	13	4.4	57
o-Xylene	1.0	4.5	4.4	19
Styrene	1.0	1.2	4.3	5.0
Bromoform	1.0	Not Detected	10	Not Detected
Cumene	1.0	Not Detected	4.9	Not Detected
1,1,2,2-Tetrachloroethane	1.0	Not Detected	6.9	Not Detected
Propylbenzene	1.0	1.2	4.9	6.1
4-Ethyltoluene	1.0	3.7	4.9	18
1,3,5-Trimethylbenzene	1.0	Not Detected	4.9	Not Detected
1,2,4-Trimethylbenzene	1.0	3.2	4.9	16
1,3-Dichlorobenzene	1.0	Not Detected	6.0	Not Detected
1,4-Dichlorobenzene	1.0	Not Detected	6.0	Not Detected
alpha-Chlorotoluene	1.0	Not Detected	5.2	Not Detected
1,2-Dichlorobenzene	1.0	Not Detected	6.0	Not Detected
1,2,4-Trichlorobenzene	4.0	Not Detected	30	Not Detected
Hexachlorobutadiene	4.0	Not Detected	43	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	101	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1502183-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	j021208	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	2/12/15 01:20 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	5.0	Not Detected	19	Not Detected
Chloroethane	2.0	Not Detected	5.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	5.0	Not Detected	12	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
Carbon Disulfide	2.0	Not Detected	6.2	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected
Methylene Chloride	5.0	Not Detected	17	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.0	Not Detected	5.9	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected

Client Sample ID: Lab Blank

Lab ID#: 1502183-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	j021208	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	2/12/15 01:20 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	95	70-130



Air Toxics

Client Sample ID: CCV

Lab ID#: 1502183-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	j021202	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 2/12/15 09:47 AM

Compound	%Recovery
Freon 12	107
Freon 114	108
Chloromethane	111
Vinyl Chloride	103
1,3-Butadiene	101
Bromomethane	108
Chloroethane	102
Freon 11	105
Ethanol	93
Freon 113	101
1,1-Dichloroethene	102
Acetone	105
2-Propanol	107
Carbon Disulfide	105
3-Chloropropene	100
Methylene Chloride	99
Methyl tert-butyl ether	100
trans-1,2-Dichloroethene	99
Hexane	101
1,1-Dichloroethane	102
2-Butanone (Methyl Ethyl Ketone)	100
cis-1,2-Dichloroethene	106
Tetrahydrofuran	99
Chloroform	99
1,1,1-Trichloroethane	102
Cyclohexane	100
Carbon Tetrachloride	98
2,2,4-Trimethylpentane	93
Benzene	105
1,2-Dichloroethane	105
Heptane	103
Trichloroethene	106
1,2-Dichloropropane	102
1,4-Dioxane	107
Bromodichloromethane	102
cis-1,3-Dichloropropene	107
4-Methyl-2-pentanone	101
Toluene	102
trans-1,3-Dichloropropene	107
1,1,2-Trichloroethane	105
Tetrachloroethene	101
2-Hexanone	111



Air Toxics

Client Sample ID: CCV

Lab ID#: 1502183-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	j021202	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 2/12/15 09:47 AM

Compound	%Recovery
Dibromochloromethane	103
1,2-Dibromoethane (EDB)	106
Chlorobenzene	96
Ethyl Benzene	100
m,p-Xylene	97
o-Xylene	101
Styrene	104
Bromoform	102
Cumene	97
1,1,2,2-Tetrachloroethane	93
Propylbenzene	98
4-Ethyltoluene	95
1,3,5-Trimethylbenzene	90
1,2,4-Trimethylbenzene	92
1,3-Dichlorobenzene	98
1,4-Dichlorobenzene	99
alpha-Chlorotoluene	112
1,2-Dichlorobenzene	98
1,2,4-Trichlorobenzene	104
Hexachlorobutadiene	98

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	100	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1502183-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	j021203	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 2/12/15 10:12 AM

Compound	%Recovery	Method Limits
Freon 12	113	70-130
Freon 114	116	70-130
Chloromethane	112	70-130
Vinyl Chloride	106	70-130
1,3-Butadiene	102	70-130
Bromomethane	110	70-130
Chloroethane	106	70-130
Freon 11	109	70-130
Ethanol	102	70-130
Freon 113	103	70-130
1,1-Dichloroethene	103	70-130
Acetone	102	70-130
2-Propanol	114	70-130
Carbon Disulfide	92	70-130
3-Chloropropene	98	70-130
Methylene Chloride	101	70-130
Methyl tert-butyl ether	98	70-130
trans-1,2-Dichloroethene	87	70-130
Hexane	103	70-130
1,1-Dichloroethane	102	70-130
2-Butanone (Methyl Ethyl Ketone)	103	70-130
cis-1,2-Dichloroethene	114	70-130
Tetrahydrofuran	100	70-130
Chloroform	100	70-130
1,1,1-Trichloroethane	102	70-130
Cyclohexane	103	70-130
Carbon Tetrachloride	99	70-130
2,2,4-Trimethylpentane	93	70-130
Benzene	103	70-130
1,2-Dichloroethane	100	70-130
Heptane	103	70-130
Trichloroethene	99	70-130
1,2-Dichloropropane	100	70-130
1,4-Dioxane	104	70-130
Bromodichloromethane	105	70-130
cis-1,3-Dichloropropene	98	70-130
4-Methyl-2-pentanone	98	70-130
Toluene	99	70-130
trans-1,3-Dichloropropene	104	70-130
1,1,2-Trichloroethane	105	70-130
Tetrachloroethene	100	70-130
2-Hexanone	109	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1502183-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	j021203	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 2/12/15 10:12 AM

Compound	%Recovery	Method Limits
Dibromochloromethane	103	70-130
1,2-Dibromoethane (EDB)	103	70-130
Chlorobenzene	94	70-130
Ethyl Benzene	97	70-130
m,p-Xylene	94	70-130
o-Xylene	102	70-130
Styrene	103	70-130
Bromoform	102	70-130
Cumene	96	70-130
1,1,2,2-Tetrachloroethane	99	70-130
Propylbenzene	98	70-130
4-Ethyltoluene	95	70-130
1,3,5-Trimethylbenzene	89	70-130
1,2,4-Trimethylbenzene	89	70-130
1,3-Dichlorobenzene	97	70-130
1,4-Dichlorobenzene	95	70-130
alpha-Chlorotoluene	114	70-130
1,2-Dichlorobenzene	96	70-130
1,2,4-Trichlorobenzene	98	70-130
Hexachlorobutadiene	95	70-130

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	99	70-130
4-Bromofluorobenzene	98	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1502183-06AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	j021204	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 2/12/15 10:37 AM

Compound	%Recovery	Method Limits
Freon 12	116	70-130
Freon 114	119	70-130
Chloromethane	116	70-130
Vinyl Chloride	108	70-130
1,3-Butadiene	104	70-130
Bromomethane	114	70-130
Chloroethane	112	70-130
Freon 11	113	70-130
Ethanol	102	70-130
Freon 113	104	70-130
1,1-Dichloroethene	104	70-130
Acetone	104	70-130
2-Propanol	116	70-130
Carbon Disulfide	97	70-130
3-Chloropropene	101	70-130
Methylene Chloride	101	70-130
Methyl tert-butyl ether	102	70-130
trans-1,2-Dichloroethene	88	70-130
Hexane	105	70-130
1,1-Dichloroethane	104	70-130
2-Butanone (Methyl Ethyl Ketone)	103	70-130
cis-1,2-Dichloroethene	115	70-130
Tetrahydrofuran	102	70-130
Chloroform	102	70-130
1,1,1-Trichloroethane	106	70-130
Cyclohexane	105	70-130
Carbon Tetrachloride	103	70-130
2,2,4-Trimethylpentane	95	70-130
Benzene	106	70-130
1,2-Dichloroethane	103	70-130
Heptane	104	70-130
Trichloroethene	103	70-130
1,2-Dichloropropane	104	70-130
1,4-Dioxane	105	70-130
Bromodichloromethane	106	70-130
cis-1,3-Dichloropropene	100	70-130
4-Methyl-2-pentanone	102	70-130
Toluene	102	70-130
trans-1,3-Dichloropropene	106	70-130
1,1,2-Trichloroethane	108	70-130
Tetrachloroethene	101	70-130
2-Hexanone	114	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1502183-06AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	j021204	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 2/12/15 10:37 AM

Compound	%Recovery	Method Limits
Dibromochloromethane	105	70-130
1,2-Dibromoethane (EDB)	106	70-130
Chlorobenzene	98	70-130
Ethyl Benzene	103	70-130
m,p-Xylene	104	70-130
o-Xylene	104	70-130
Styrene	105	70-130
Bromoform	104	70-130
Cumene	99	70-130
1,1,2,2-Tetrachloroethane	102	70-130
Propylbenzene	102	70-130
4-Ethyltoluene	98	70-130
1,3,5-Trimethylbenzene	91	70-130
1,2,4-Trimethylbenzene	94	70-130
1,3-Dichlorobenzene	100	70-130
1,4-Dichlorobenzene	98	70-130
alpha-Chlorotoluene	118	70-130
1,2-Dichlorobenzene	99	70-130
1,2,4-Trichlorobenzene	101	70-130
Hexachlorobutadiene	100	70-130

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	103	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	103	70-130

