

PINELLAS COUNTY BROWNFIELDS REDEVELOPMENT PROGRAM

APPLICATION FOR COUNTY INITIATED BROWNFIELDS DESIGNATIONS

This application is to be completed by County staff that is serving as the applicant for a County Initiated Brownfields Designation in accordance with the Florida Brownfields Redevelopment Act, Sections 376.77-376.84, and Florida Statutes. It is important to complete all applicable sections and attach all necessary information. It is required that a Brownfields Preapplication Meeting be held before submitting this application. If you have any questions concerning completion of this application or wish to schedule a Preapplication Meeting, please call (727) 464-7332 and ask to speak to the County Brownfields Coordinator.

***Please submit an original and thirteen copies of the application and supporting documentation.**

PROPERTY INFORMATION

Property or Area Name _____

Address _____

City _____ State _____ Zip Code _____

Property Size (acres/square feet) _____ Parcel Number(s) _____

19-30-15-99288-007-0190

Attach property location map and legal description of property.

PROPERTY DESCRIPTION

Briefly describe property (vacant land, unoccupied, etc.)

Zoning

Future Land Use Designation _____

Is property located within one or more of the following? (Check all that apply)

____ EPA Brownfields Assessment Pilot Area

____ Community Redevelopment Area

____ Enterprise Zone

____ Empowerment Zone

Located within one-half mile of an existing major street? ☐ Yes ☐ No
 Public street access? ☐ Yes ☐ No
 Existing public water and sewer distribution lines? ☐ Yes ☐ No
 Outside floodplain area? ☐ Yes ☐ No (If No) 100 Yr. 25 Yr.

Describe all outstanding property taxes due on the property

COUNTY APPLICANT INFORMATION

Department Name and Contact _____

Address _____

City _____ State _____ Zip Code _____

Phone _____ Fax _____ E-Mail _____

Interest in Property

CURRENT PROPERTY OWNER (S) (if different from applicant)

Name _____

Address _____

City _____ State _____ Zip Code _____

Phone _____ Fax _____ E-Mail _____

Legal Status of the Current Property Owner(s): ☐ County Owned Program

☐ Individual/Sole Proprietorship ☐ General Partnership ☐ State

☐ Limited Liability Company ☐ Limited Partnership ☐ State

☐ Florida Corporation

☐ Out-of-State Corporation State of Incorporation _____

If the County is not the property owner and property owner(s) within the proposed area are requesting that the County Initiate the Brownfields Designation, provide a request letter from the Property Owner(s).

ENVIRONMENTAL STATUS

Brief description of the nature and geographical extent of contamination by hazardous substances and/or pollutants, if known:

Brief description of any previous or current remedial action: _____

Attach Phase I or Phase II Environmental Reports or environmental summary information if available.

Has a person responsible for Brownfields site rehabilitation been identified that is willing to enter into a Brownfield Site Rehabilitation Agreement with the Florida Department of Environmental Protection (or authorized designee)? _____ Yes _____ No _____ NA (persons responsible to be identified over time for County designated Brownfields area.)

If yes please provide the person responsible for Brownfields site rehabilitation contact information below:

Name _____

Address _____

City _____ State _____ Zip Code _____

Phone _____ Fax _____ E-Mail _____

DESIGNATION CRITERIA

The following information addresses Brownfields designation criteria as outlined in the Florida Brownfields Redevelopment Act required for projects where the County initiates the Brownfields area designation process.

ECONOMIC PRODUCTIVITY

Does the proposed Brownfields area warrant economic development and have a reasonable potential for such activities?

REASONABLY FOCUSED APPROACH/GEOGRAPHIC AREA

Does the proposed area to be designated represent a reasonable focused approach and an area that is not overly large in geographic coverage?

PRIVATE SECTOR INVESTMENT

Does the proposed area have potential for private sector redevelopment, rehabilitation and investment?

OTHER USES

Does the proposed area contain sites or parts of sites suitable for limited recreational open space, cultural, or historical preservation purposes?

PUBLIC HEARING DOCUMENTATION

If the Brownfields area is located outside of a community redevelopment area, enterprise zones, empowerment zones, closed military bases, or designated Brownfields pilot area, attach the results of at least one public hearing (advertised and held in accordance with the Brownfields Redevelopment Act) in the area to be designated to provide an opportunity for public input on the size of the area, the objectives

for rehabilitation, job opportunities and economic developments anticipated, neighborhood residents considerations, and other relevant local concerns must be provided prior to the approval of the application. Public Hearing documentation may be provided after application is submitted but will be required prior to application approval by the BOCC.

Date of Public Hearing _____

Location of Public Hearing _____

SERVICES TO BE PROVIDED

Have you had a Brownfields Preapplication Meeting? ____ Yes ____ No (It is required that applicants have a Preapplication Meeting. Please call (727) 464-7332 for more information.

In order to better assist you, please check the type of County designation you are requesting and the type of assistance/incentives that are will be sought through this designation (check all that apply):

Type of Designation: _____ Several parcels _____ Single parcel

Type of Assistance/Incentives:

_____ Regulatory Assistance (aid for meeting government agency permitting requirements)

_____ Technical Assistance (aid in obtaining grants, loans, etc.)

_____ Grants (gap financing for Brownfields remediation)

_____ Loans (remediation loan funds)

_____ Tax Credits/Exemptions due to Brownfield Area Designation

_____ Job Creation Credits due to Brownfield Area Designation

_____ Job Training Grants due to Brownfield Area Designation

_____ Other:

What are the County goals with respect to the property (i.e., sale, redevelopment, business expansion, etc.)?

The contents of this application shall be considered public records of the County. The undersigned affirms that the information contained in this application is true and accurate.

Applicant:

Signature

Date

Print/Type Name

For Office Use Only

Application Received by: _____

Date: _____

Application Completeness Review Completed by: _____

_____ Application Complete _____ Application Incomplete (Specify reason[s] below):

Applicant Contacted on: _____

Date Information Received to Complete Application (if applicable): _____

Signature of Reviewer: _____ Date: _____

BOCC HEARING DATE FOR DESIGNATION OF SITE AS A BROWNFIELDS AREA: _____



August 16, 2019

Mr. Steven Luce
Director of Entitlements
Eisenhower Property Group
111 South Armenia Avenue
Suite 201
Tampa, Florida 33609

ECS Project No. 55-2310-A

Reference: **Phase II Environmental Site Assessment**
Baypoint Golf Club
9399 Commodore Drive
Seminole, Pinellas County, Florida

Dear Mr. Luce:

ECS Florida, LLC (ECS) is pleased to present the results of our Phase II Environmental Site Assessment (ESA) for the above-referenced property (subject property). The work was performed in accordance with ECS Proposal No.: 55-2152, authorized on April 11, 2019, and a scope extension authorized via email on July 23, 2019. If there are any questions or comments regarding this report, or if there is a need for further information, please contact us.

Respectfully submitted,

ECS FLORIDA, LLC

Scott Lakey
Senior Environmental Project Manager

Lee Bienkowki, PhD, P.G.
Principal Geologist



PHASE II ENVIRONMENTAL SITE ASSESSMENT REPORT

**BAYPOINT GOLF CLUB
9399 COMMODORE DRIVE
SEMINOLE, PINELLAS COUNTY, FLORIDA**

ECS PROJECT NO. 55-2310-A

Prepared for:

**Eisenhower Property Group
111 South Armenia Avenue, Suite 201
Tampa, Florida 33609**

August 16, 2019

**Phase II Environmental Site Assessment
Baypoint Golf Club
9399 Commodore Drive
Seminole, Florida**

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
INTRODUCTION	3
Project Understanding and Objectives	3
Soil Sampling and Laboratory Analytical Results	3
Groundwater Sampling and Results	4
Leachability Soil Evaluation and Results	5
Pond Sediment and Surface Water Sampling and Results	6
Quality Assurance for Field Sampling	7
SUMMARY, CONCLUSIONS AND RECOMMENDATIONS	7
Conclusions	8
Recommendations	9
QUALIFICATIONS AND LIMITATIONS	10
APPENDICES	
I Figures	
1. Subject Property Boundary Map	
2. Discrete Soil Sampling Location & Analytical Map	
3. Groundwater Sampling Location & Analytical Map (6/4/2019)	
4. Groundwater Sampling Location Map (6/18/2019)	
5. Composite Soil Sampling Location & Analytical Map	
6. Pond Sediment Sampling Location & Analytical Map	
7. Pond Surface Water Sampling Location & Analytical Map	
II Tables	
1. Sample Detection Summary for Analyses of Soil Samples Collected May 1, 2019	
2. Groundwater Analytical Summary	
3. Composite Soil & Sediment Analytical Summary	
4. Surface Water Analytical Summary	
III Soil Laboratory Analytical Data and Chain of Custody	
IV Groundwater Laboratory Analytical Data and Chain of Custody	

Introduction

ECS was requested by Eisenhower Property Group (“Eisenhower”) to complete Phase II Environmental Site Assessment (ESA) sampling to evaluate the presence and extent of impacts originating from historical pesticides and herbicides application at Baypoint Golf Club located at 9399 Commodore Drive in Seminole, Pinellas County, Florida (“subject property”). This Phase II documents our assessment activities conducted to date. The property is located as shown in **Figure 1**.

Project Understanding and Objectives

We understand that you intend to acquire the subject property to develop it into a residential community or stormwater management facility. As such, the objective of our assessment activities was intended to assist you make an informed business decision for acquiring the subject property and to evaluate possible closure pathways during redevelopment scenarios.

Soil Sampling and Laboratory Analytical Results

On May 1, 2019, ECS mobilized to the subject property, following client authorization, to conduct soil assessment activities intended to evaluate the extent of potential contamination in areas likely to have been impacted by the application of herbicides and/or pesticides. The ECS field representative advanced twelve (12) shallow soil borings (SS-1 through SS-12) from ground surface to approximately 2 feet below land surface (bls) throughout the property using a decontaminated 3.25-inch diameter stainless-steel hand auger (HA). The soil borings were distributed across the property in locations believed to represent the highest application potential for pesticides and/or herbicides, as follows:

- 3 soil borings in the tee boxes;
- 4 soil borings in greens;
- 4 soil borings in the fairways; and,
- 1 soil boring near the chemical storage shed

Discrete soil samples were collected from the 0-6” and 6”-2’ bls depth intervals, placed in laboratory-supplied sample containers with teflon-lined lids, placed on ice immediately following sample collection, and submitted under chain-of-custody protocol to a State of Florida approved, NELAC certified laboratory for expedited analyses for the following EPA Methods:

- Total arsenic via EPA method 6010C;
- Organophosphate pesticides via EPA method 8141;
- Chlorinated herbicides via EPA method 8151A; and,
- Organochlorine pesticides via EPA method 8081B

Soil samples collected from 6”-2’ bls depth interval were held pending results from 0-6” depth interval.

Based on laboratory results, arsenic and dieldrin were identified above their respective Florida Department of Environmental Protection (FDEP) soil cleanup target levels (SCTLs) for

residential direct exposure limits at SS-1, SS-3, SS-4, SS-5, and SS-8 within the 0-6" depth interval. Residential arsenic exceedances were reported for SS-2 and SS-12 within the 0-6" depth interval. Residential dieldrin exceedances were reported for SS-11 within the 0-6" depth interval. A residential SCTL exceedance for chlordane was reported at SS-5 within the 0-6" depth interval. Commercial direct exposure SCTLs were exceeded in SS-6 and SS-9 for dieldrin and arsenic, respectively within the 0-6" depth interval. Leachability based on groundwater criteria SCTLs were exceeded in SS-2/SS-10 and SS-5 for dieldrin and arsenic, respectively, within the 0-6" depth interval. These quantitative exceedance limits are described per Table II of Chapter 62-777, Florida Administrative Code (FAC). The remaining analyzed parameters were below their respective SCTLs.

Arsenic concentrations ranged from 0.65 (at SS-11) to 25.7 (at SS-9) milligrams per Kilogram (mg/Kg) and dieldrin concentrations ranged from 0.0029 (at SS-2) to 1.1 (at SS-6) mg/Kg in the 0-6" depth interval.

Based on the results from the 0-6" depth interval, selected soil samples from the 6"-24" depth interval were analyzed at boring locations where the 0-6" depth interval sample exceeded SCTLs. The results of these analyses revealed arsenic concentrations ranging from 0.75 to 16.5 mg/Kg and dieldrin concentrations ranging from 0.12 to 0.36 mg/Kg.

The discrete soil sampling analytical results are summarized in **Table 1** and displayed in **Figure 2**. **Appendix III** includes a copy of the soil laboratory analytical data and corresponding chain of custody.

Groundwater Sampling and Results

Based on the widespread soil impacts identified in the vadose zone, it was suspected that potential contaminant leaching may have impacted groundwater quality in the shallow aquifer. On June 3, 2019, ECS remobilized to the subject property and installed eight (8) temporary monitoring wells (TMWs).

The TMWs were constructed with a ten (10) foot by 2-inch diameter schedule 40 PVC well screen with a 0.006-inch slot size pre-packed with 30/65 fine sand and Schedule 40, 2-inch diameter PVC riser. The TMWs were installed to a terminal depth ranging between twelve (12) to eighteen (18) ft. bls. in order to bracket the site specific, variable water table. The annulus was packed using 20/30 graded free-flowing coarse silica sand that extended approximately one foot above the top of the screen and sealed with approximately one (1) bag of 30/65 graded fine silica sand. The wells had an approximately two (2) feet of riser "stickup" with a water-tight lockable well cap. Following installation, the TMWs were properly developed with a peristaltic pump to remove suspended sediments from inside the well and pull in water which better represented the geochemical properties of the underlying formation.

On June 4, 2019, ECS returned to the subject property following a suitable "rest" period, to collect groundwater samples from TMWs-1 through TMWs-8. Groundwater samples were collected after purging a minimum of three (3) well volumes using a peristaltic pump, and stabilization parameters were recorded during purging to assure that groundwater quality had stabilized prior to collecting the samples. Turbidity was observed to be less than 26.3 nephelometric turbidity units (NTUs) in all of the temporary monitoring wells prior to collecting

the groundwater samples.

All eight (8) TMW groundwater samples were collected in laboratory-supplied pre-preserved sample containers with teflon-lined lids, placed on ice immediately following collection, and submitted under chain-of-custody protocol to a State of Florida-approved, NELAC certified laboratory for expedited analyses. In addition to total, unfiltered samples, new, decontaminated 0.45-micron field filters were used to also collect dissolved groundwater samples. The groundwater samples were submitted for laboratory analysis of total and dissolved arsenic and dieldrin via EPA Methods 6010C and 8081, respectively. Since other tested constituents were not detected in soil samples, no additional parameters were analyzed in groundwater. The groundwater results are summarized in **Table 2** and displayed in **Figure 3**.

The laboratory analytical results, for both the total and filtered samples, reported no analyte concentrations above the laboratory method detection limits (MDL) or their respective state groundwater cleanup target levels (GCTLs), with the exception of dieldrin, which potentially exceeded its GCTL in all of the TMWs sampled. The MDL achieved by the analytical laboratory for dieldrin was 0.017 micrograms per liter (ug/L), which exceeds the GCTL criteria for dieldrin. As a result, it was recommended to recollect both the total and filtered groundwater samples for analysis at a laboratory where a MDL lower than the GCTL limit could be achieved.

On June 18, 2019, ECS remobilized to the subject property to resample TMWs-1 through TMWs-8 for total and filtered dieldrin. Sampling methodology was consistent with the prior groundwater sampling event. Turbidity was observed to be less than 5.04 NTUs in all of the temporary monitoring wells prior to collecting this round of groundwater samples. The samples were collected in laboratory-supplied pre-preserved sample containers with teflon-lined lids, placed on ice immediately following collection, and submitted under chain-of-custody protocol to a State of Florida approved, NELAC certified laboratory, Jupiter Environmental Laboratories, Inc. (JEL : certification # - E86546) for expedited analysis for dieldrin via EPA Method 8081.

The June 18, 2019 groundwater analytical results with respect to a dieldrin MDL concentration of 0.000550 ug/L, which is less than the GCTL (0.002 ug/L), therefore ECS is able to accurately assess the dieldrin concentrations in the subsurface at the TMW locations. The laboratory results reported total dieldrin exceedances in groundwater samples collected at TMW-1, TMW-2, and TMWs-4 through TMWs-6. The analysis of the filtered samples did not reveal dieldrin concentrations above MDLs or GCTLs. The groundwater results are summarized in **Table 2** and displayed in **Figure 4**.

Leachability Soil Evaluation and Results

On July 29, 2019, ECS remobilized to the subject property following additional client authorization, to conduct composite soil assessment activities intended to evaluate soil leachability, for the purpose of planning soil management during redevelopment of the subject property.

ECS field representative(s) advanced twelve (12) shallow soil borings (SB-1 through SB-12) from the ground surface to approximately 4 feet bls throughout the property. The soil borings were distributed across the property in four (4) areas (Area-1 through Area-4) for soil management purposes. Three (3) soil borings were advanced in each area within the 0-6", 6"-2',

and 2'-4' depth intervals via a decontaminated HA. From each area, three (3) discrete soil samples were collected and composited with respect to the depth intervals specified above, totaling twelve (12) composite soil samples.

All twelve (12) composited soil samples (CS-1 through CS-4) were placed in laboratory-supplied sample containers with teflon-lined lids, placed on ice immediately following sample collection, and submitted under chain-of-custody protocol to a State of Florida approved, NELAC certified laboratory for expedited analyses for arsenic and dieldrin via EPA Methods 6010C and 8081B, respectively. Composite samples from each depth interval were analyzed via EPA Methods 6010 and 8081 for total arsenic and dieldrin respectively, and via Synthetic Precipitation Leaching Procedure (SPLP) to evaluate leachability potential.

The laboratory soil analytical results for the twelve (12) composite soil samples reported no contaminant concentrations in excess of surface water criteria for all analytes, except dieldrin within the 0-6" depth interval from Areas 1 through 4. The composite soil sample analytical results are summarized in **Table 3** and depicted in **Figure 5**.

Pond Sediment and Surface Water Sampling and Results

On July 29, 2019 ECS also collected sediment and surface water samples to evaluate potential impacts to the ponds.

The sediment samples (SE-1 through SE-5) were collected from the upper six (6) inches of sediment on the bottom of the ponds using a decontaminated scoop tool, as recommended in FDEP-SOP-001/01 FS 4000. All five (5) sediment samples were collected in laboratory-supplied sample containers with teflon-lined lids, placed on ice immediately following sample collection, and submitted under chain-of-custody protocol to a State of Florida approved, NELAC certified laboratory for expedited analyses for arsenic and dieldrin via EPA Methods 6010C and 8081B, respectively. In addition, each sediment sample was analyzed for SPLP for both arsenic and dieldrin, in order to evaluate the potential for sediment to act as a contaminant source.

The surface water samples (SW-1 through SW-5) were collected following the procedures recommended in FDEP-SOP-001/01 FS 2100, by submerging the unopened sample container, opening the container and allowing the water to be naturally displaced into the container until nearly full, and then closing the container prior to removing it from the water. The surface waters were collected in laboratory-supplied sample containers with teflon-lined lids, placed on ice immediately following sample collection, and submitted under chain-of-custody protocol to a State of Florida approved, NELAC certified laboratory for expedited analyses for total and lab filtered arsenic and dieldrin via EPA Methods 6010C and 8081B, respectively.

The July 29, 2019 sediment and surface water laboratory analytical results reported no exceedances for arsenic or dieldrin with respect to the regulatory surface water criteria limits. The sediment and surface water analytical results are summarized in **Tables 3** and **4**, and depicted in **Figures 6** and **7**, respectively.

Quality Assurance for Field Sampling

ECS followed Florida Department of Environmental Protection (FDEP) Quality Assurance requirements for Field Sampling Activities (DEP-SOP 001/01, dated March 1, 2014, as amended). These requirements included procedures described on series FD 1000 for field documentation; series FS 1000 for general sampling requirements; series FS 3000 for soil sampling. Sample containers were new and unused and provided by the analytical laboratory under Chain-of-Custody in compliance with FC 1300.

Summary, Conclusions and Recommendations

Soil

Discrete Soil Sampling

- Arsenic was detected above the Residential SCTL in 7 out of 12 soil samples and above the Commercial/Industrial SCTL in 1 out of 12 soil samples. Arsenic concentrations ranged from 0.65 to 25.7 mg/Kg in the 0"-6" depth interval, and 0.75 to 16.5 mg/Kg in the 6"-2' depth interval.
- Dieldrin was detected above the direct exposure SCTL for residential properties in 6 out of 12 soil samples. Dieldrin concentrations ranged from 0.0029 to 1.1 mg/Kg in the 0-6" range and 0.12 to 0.36 mg/Kg in the 6"-2' range.
- No other tested parameters were identified at concentrations above their respective direct exposure SCTLs in the soil samples analyzed.

Composite Soil Sampling

- Arsenic concentrations were reported below the FDEP surface water criteria limit, although arsenic was reported above its residential SCTL and is an identified contaminant in the vadose zone. Therefore, the soils in all four (4) sampling areas in the 0-6" depth interval should not be utilized for onsite redevelopment activities. Areas 1 and 3 also had arsenic exceedances within their 2'-4' depth intervals. All of the depth intervals within sample Area 2 reported arsenic impacts above SCTLs.
- Leachability evaluation of soils revealed arsenic is not an analyte of concern with respect to subsurface leaching potential in all four (4) areas sampled. However, a potential dieldrin leachate mobility concern in 4 out of the 12 soil samples collected at the four (4) composite sampling areas within the 0-6" depth interval. SPLP dieldrin concentrations ranged from 0.013 to 0.068 micrograms per liter (ug/L) in the 0-6" depth interval. The analytical results from the remaining sampled depth intervals did not report concentrations above the laboratory MDL of 0.0016 ug/L, nor did they exceed the GCTL of 0.002 ug/L.

Groundwater Evaluation

- Arsenic was reported below its GCTL as per Table I of Chapter 62-777, F.A.C in all temporary monitoring wells (TMWs) sampled during the initial groundwater sampling event.
- Total dieldrin was reported above its GCTL as per Table I of Chapter 62-777, F.A.C in two (2) out of eight (8) monitoring wells during the first sampling event, but appeared below the GCTL during analysis of the filtered sample. The second sampling event revealed total dieldrin concentrations above the GCTL in 5 of the 8 samples, but reported dieldrin below its GCTL after the filtered samples were analyzed. The secondary, filtered groundwater samples report dieldrin concentration below both the laboratory MDL and GCTL in all eight (8) TMWs sampled.

Pond Sediment & Surface Water Sampling

- Arsenic and Dieldrin concentrations were both reported below their respective FDEP surface water criteria limits; therefore, the likelihood for the sediment to act as a source of surface water contamination via leaching is unlikely.
- The surface water samples collected for arsenic and dieldrin analyses reported concentrations below their respective surface water criteria target limits (SWCTLs) for both total and filtered samples.

Conclusions

Based on the results of this Phase II ESA, widespread impacts of arsenic and dieldrin are present in the shallow soils of the subject property. Our leachability evaluation of soils at the subject property suggest a potential for arsenic leaching into groundwater; however, results of our groundwater assessment did not reveal arsenic concentrations above GCTLs at any of the locations sampled.

Conversely, our leachability evaluation of soil does not suggest a high likelihood for soil dieldrin to leach into groundwater at concentrations exceeding GCTLs, except within the upper six (6)-inches of soil. However, groundwater samples collected from temporary monitoring wells revealed several locations where total dieldrin concentrations exceeded GCTLs during two (2) separate sampling events. Once filtered, the dieldrin concentrations in groundwater did not exceed GCTLs at any locations sampled during either event.

Leachability evaluation of soils for the purpose of pond planning suggest that a dieldrin leachability risk for surface water exists within the upper six (6) inches of soil, where the SWCTL was exceeded in all four (4) of the composite sampling areas during SPLP testing. However, leachability testing within the lower two (2) depth intervals did not show a SWCTL leachability risk, therefore a dieldrin soil leaching concern presents itself only if the upper six (6)-inches of soil is disturbed and deposited below the water table during onsite redevelopment.

Evaluation of pond quality via surface water and sediment sampling did not reveal impact to the ponds from dieldrin or arsenic. Surface water samples collected from each pond did not reveal

arsenic or dieldrin concentrations above SWCTLs. Further, leachability testing of pond sediment did not reveal a likelihood of pond sediment to act as a contaminant source at concentrations which would exceed SWCTLs.

Dieldrin concentrations in groundwater were reported below GCTLs when filtered. Currently, the State of Florida technical policy for filtering groundwater samples allows for usage of filters only for screening samples collected for analyses for metals to adjust for elevated turbidity. Although it currently only applies for metals, it is possible that dieldrin-bearing suspended solids within groundwater samples are elevating the groundwater dieldrin concentrations under the same mechanism as metals, and filtering is correcting this process.

ECS has been in correspondence with the FDEP Division of Waste Management regarding this potential. FDEP has suggested a controlled evaluation should be performed which would determine whether the filter material is filtering dieldrin-adsorbed solids as thought, or whether dissolved dieldrin is adsorbing directly to the filter material.

Recommendations

ECS recommends further testing to determine whether filtering is removing dieldrin-adsorbed solids from the sample as thought, or whether dissolved dieldrin is adsorbing directly to the filter material. If this testing suggests that the filtering is removing dieldrin-adsorbed sediment, then a variance should be requested from FDEP to use filtered data for dieldrin at the subject property.

Additional recommendations are dependent on the development scenario for the subject property, and are summarized below:

Open Space/Park & Stormwater Management Area

Below are potential strategies for soil handling if an open space/park & stormwater management area is maintained and public has access to the property. ECS will need to understand plans and the potential exposure scenario for the residents or public access as this will help define a plan for soil management and pathway for regulatory closure.

- Collect additional soil samples to complete full statistical analysis across the property as a means to calculate an alternative SCTL (i.e. open space/park criteria) for FDEP's approval;
- A final wet pond layout plan should be determined, which would affect the management of soils on-site during construction to assure that soils which pose a leachability risk are not inappropriately placed.
- Based on the statistical analysis, targeted source removal and/or blending may be necessary to statistically lower site-wide concentrations; and/or,
- Depending on risk tolerance/cost, complete/partial removal of on-site soils and replacement of clean fill could be an option.

Residential

Below are potential strategies for soil handling, should residential homes be constructed on the property. ECS will need to understand property development plans to further strategize soil management and regulatory closure.

- Delineate soil and (if necessary) groundwater impacts along the property boundary to evaluate possible offsite impact;
- Targeted source removal and/or blending may be necessary to reduce concentrations below the applicable Residential SCTL;
- Depending on risk tolerance/cost, complete removal of the upper two feet of soil and replacement with clean fill could be an option

Considerations for Redevelopment and ultimate approvals from the FDEP include the following:

- Clear understanding of closure pathways with the FDEP including types of conditions that will remain following redevelopment (i.e. deed restriction, engineering controls, etc.)
- Submittal and approval of Site Assessment Report
- Submittal and approval of Soil Management Plan indicating how soil will be handled during redevelopment
- Submittal of Dewatering Plan (if applicable) during installation of utilities, etc.
- Preparation of an Engineering Control Plan (i.e. two feet clean soil cap, concrete, asphalt) including how these will be maintained in the long term.
- Preparation of Declaration of Restrictive Covenant which is typically prepared by Counsel
- Understanding of how utility corridors will be handled including who will ultimately be responsible for maintenance – could require a site-specific exposure risk assessment for utility workers

Qualifications and Limitations

The conclusions presented within this report are based upon a reasonable level of investigation within normal bounds and standards of professional practice for a site in this particular geographic and geologic setting. The findings of this investigation are not intended to serve as an audit of health and safety or compliance issues pertaining to improvements or activities onsite. While every effort was made to sample in representative and suspect locations, we are not able to guarantee or warrant that all impacted soil and groundwater will be discovered. This assessment is not considered to be a complete assessment of soil and groundwater contamination at the subject property. Unknown conditions may exist in areas of the site not tested as part of this investigation. ECS is not responsible or liable for the discovery and elimination of hazards that may potentially cause damage, accidents, or injuries.

All observations and conclusions pertaining to environmental conditions at the subject property are necessarily limited to the conditions observed, and or materials reviewed at the time this study was undertaken. No other warranty, expressed or implied, is made with regard to the conclusions presented within this report. This report is provided for the exclusive use of Eisenhower Property Group. This report is not intended to be used or relied upon in connection with other projects or by other unidentified third parties without the written consent of ECS. The use of this report by any undesignated third party or parties will be at such party's sole risk and

Phase II Environmental Site Assessment
Baypoint Golf Club
August 16, 2019
ECS Project No.: 55-2310-A

ECS disclaims liability for any such third party use or reliance. ECS has not completed or used any form of predetermined language to report the conclusions of this work and it is our understanding that ECS will not be required to do so in any manner.

DRAFT

APPENDIX I

Figures



SCALE: Not to Scale
SOURCE: Google Earth

SUBJECT PROPERTY BOUNDARY MAP



Phase II Environmental Site Assessment
Baypoint Golf Course
9399 Commodore Drive
Seminole, Florida



Eisenhower Property Group
ECS Project No. 55-2310-A
August 2019
Figure 1



SCALE: Not to Scale
SOURCE: Google Earth

DISCRETE SOIL SAMPLING LOCATION & ANALYTICAL RESULTS MAP



Phase II Environmental Site Assessment
Baypointe Golf Course
9399 Commodore Drive
Seminole, Florida



Eisenhower Property Group
ECS Project No. 55-2310-A
July 2019
Figure 2



SCALE: Not to Scale
SOURCE: Google Earth

GROUNDWATER SAMPLING LOCATION & ANALYTICAL RESULTS MAP (06/04/2019)



Environmental Assessment
Baypointe Golf Course
9399 Commodore Drive
Seminole, Florida



Eisenhower Property Group
ECS Project No. 55-2310-A
August 2019
Figure 3



SCALE: Not to Scale **GROUNDWATER SAMPLING LOCATIONS & ANALYTICAL RESULTS MAP (06/18/2019)** **↑N**
 SOURCE: Google Earth

Phase II Environmental Site Assessment Baypointe Golf Course 9399 Commodore Drive Seminole, Florida		Eisenhower Property Group ECS Project No. 55-2310-A August 2019 Figure 4
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SCALE: Not to Scale
SOURCE: Google Earth

COMPOSITE SOIL SAMPLING LOCATION & ANALYTICAL RESULTS MAP



Phase II Environmental Site Assessment
Baypoint Golf Course
9399 Commodore Drive
Seminole, Florida



Eisenhower Property Group
ECS Project No. 55-2310-A
August 2019
Figure 5



SCALE: Not to Scale
SOURCE: Google Earth

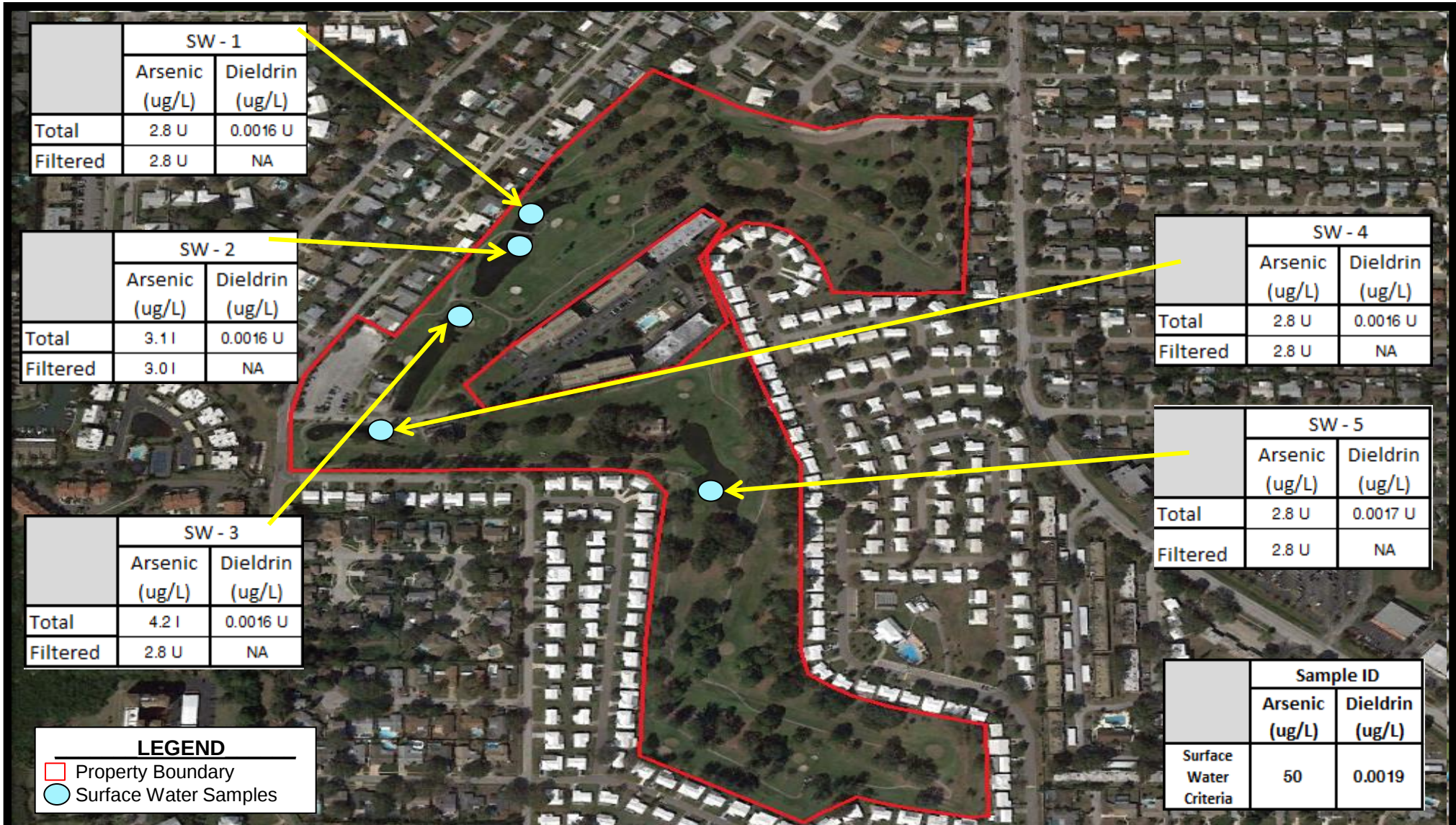
POND SEDIMENT SAMPLING LOCATION & ANALYTICAL RESULTS MAP



Phase II Environmental Site Assessment
Baypoint Golf Course
9399 Commodore Drive
Seminole, Florida



Eisenhower Property Group
ECS Project No. 55-2310-A
August 2019
Figure 6



SCALE: Not to Scale
SOURCE: Google Earth

POND SURFACE WATER SAMPLING LOCATION & ANALYTICAL RESULTS MAP



Phase II Environmental Site Assessment
Baypoint Golf Course
9399 Commodore Drive
Seminole, Florida



Eisenhower Property Group
ECS Project No. 55-2310-A
August 2019
Figure 7

APPENDIX II

Tables

Baypoint Golf Club
Phase II Environmental Site Assessment
Seminole, Florida

Proj No.: 55-2309

TABLE 1: Sample Detection Summary for Analyses of Soil Samples Collected May 1, 2019																												
Analyte	Units	Soil Cleanup Target Levels			Inactive Baypointe Golf Course Samples (Greens/ Fairways/ Tee Box Areas)																							
		Commercial/ Industrial Direct Exposure Limit	Residential Direct Exposure Limit	Leachability Based on Groundwater Criteria	SS-1 at 0-0.5 foot BLS	SS-1 at 0.5-2 foot BLS	SS-2 at 0-0.5 foot BLS	SS-2 at 0.5-2 foot BLS	SS-3 at 0-0.5 foot BLS	SS-3 at 0.5-2 foot BLS	SS-4 at 0-0.5 foot BLS	SS-4 at 0.5-2 foot BLS	SS-5 at 0-0.5 foot BLS	SS-5 at 0.5-2 foot BLS	SS-6 at 0-0.5 foot BLS	SS-6 at 0.5-2 foot BLS	SS-7 at 0-0.5 foot BLS	SS-7 at 0.5-2 foot BLS	SS-8 at 0-0.5 foot BLS	SS-8 at 0.5-2 foot BLS	SS-9 at 0-0.5 foot BLS	SS-9 at 0.5-2 foot BLS	SS-10 at 0-0.5 foot BLS	SS-10 at 0.5-2 foot BLS	SS-11 at 0-0.5 foot BLS	SS-11 at 0.5-2 foot BLS	SS-12 at 0-0.5 foot BLS	SS-12 at 0.5-2 foot BLS
EPA 8081B																												
Aldrin	mg/kg	0.3	0.06	0.2	0.016						0.0079		0.042		0.038				0.018				0.0028					
Dieldrin		0.3	0.06	0.002	0.27		0.0029		0.036		0.082		0.39		1.1		0.078		0.23				0.024		0.25			
Chlordane (tech)		14	2.8	9.6					2.6				10															
Chlordane - Alpha		N/A	N/A	N/A	0.069				0.35		0.0079		1.9		0.16		0.078		0.046				0.14					
Chlordane - Gamma		N/A	N/A	N/A	0.060				0.45		0.0065		2.2		0.093		0.075		0.033				0.14					
			N/A	N/A	N/A																							
EPA 6010D																												
Arsenic	mg/kg	12	2.1	10	4.19		7.42		6.99		4.68		9.90						3.12		25.7		1.5		0.648		3.02	
Barium		130,000	120	1,600	7.45		7.13		4.96		18.3		7.17				0.702		19.2		16.6		4.0		10.9		4.82	
Notes: mg/kg - milligrams per kilogram U= Indicates that the compound was analyzed for, but not detected I= The reported value is between the laboratory method detection limit (MDL) and the practical quantitation limit (PQL) NA-The compound was not analyzed BLS = below land surface *** = Leachability values may be derived using SPLP Test to calculate site-specific SCTLs or may be determined using TCLP in the event oily wastes are present Bold = Above Soil Cleanup Target Levels																												

BAYPOINT GOLF COURSE

Phase II ESA

ECS Project #: 55-2499

ADDRESS : 9399 Commodore Dr, Seminole, Pinellas Co., FL

TABLE 2 - GROUNDWATER ANALYTICAL SUMMARY

Sample		Laboratory Analyses	
Sample ID	Date Sampled	Dieldrin	Arsenic
		EPA 8081B (ug/L)	EPA 6010D (ug/L)
TMW-1	6/4/2019	0.030 I	8.00 U
	6/18/2019	0.0066	*
TMW-1 DISSOLVED	6/4/2019	0.017 U	8.00 U
	6/18/2019	0.000550 U	*
TMW-2	6/4/2019	0.017 U	8.00 U
	6/18/2019	0.0047	*
TMW-2 DISSOLVED	6/4/2019	0.017 U	8.00 U
	6/18/2019	0.000550 U	*
TMW-3	6/4/2019	0.017 U	8.00 U
	6/18/2019	0.000550 U	*
TMW-3 DISSOLVED	6/4/2019	0.017 U	8.00 U
	6/18/2019	0.000550 U	*
TMW-4	6/4/2019	0.017 U	8.00 U
	6/18/2019	0.0061	*
TMW-4 DISSOLVED	6/4/2019	0.017 U	8.00 U
	6/18/2019	0.0110 U	*
TMW-5	6/4/2019	0.017 U	8.00 U
	6/18/2019	0.0057	*
TMW-5 DISSOLVED	6/4/2019	0.017 U	8.00 U
	6/18/2019	0.000550 U	*
TMW-6	6/4/2019	0.050	8.00 U
	6/18/2019	0.041	*
TMW-6 DISSOLVED	6/4/2019	0.017 U	8.00 U
	6/18/2019	0.000550 U	*
TMW-7	6/4/2019	0.017 U	8.00 U
	6/18/2019	0.0110 U	*
TMW-7 DISSOLVED	6/4/2019	0.017 U	8.00 U
	6/18/2019	0.0110 U	*
TMW-8	6/4/2019	0.017 U	8.00 U
	6/18/2019	0.000550 U	*
TMW-8 DISSOLVED	6/4/2019	0.017 U	8.00 U
	6/18/2019	0.0110 U	*
Groundwater Clean-Up Target Level (ug/L)		0.002	10

Notes:

GCTLs = Groundwater Cleanup Target Levels specified in Table I of Chapter 62-777, F.A.C. 4/17/2005

Red indicates concentration exceeds GCTL

I = Estimated value, between laboratory reporting limit and method detection limit

U = Indicates that the compound was analyzed for but not detected above the method detection limit (MDL).

* = Not analyzed

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TABLE 3: COMPOSITE SOIL & SEDIMENT ANALYTICAL SUMMARY									
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See notes at end of table

Sample				Laboratory Analyses				Comments
Boring No.	Date Collected	Depth to Water (ft)	Sample Interval (fbIs)	Arsenic SW-846 6010		Dieldrin EPA 8081		
				Soil (mg/kg)	SPLP (ug/L)	Soil (mg/kg)	SPLP (ug/L)	
CS-1	7/29/2019	4	0-0.5	3.2	8.2 I	0.0025	0.016 I	
			0.5-2	0.51	2.8 U	0.00020 U	0.0016 U	
			2-4	2.2	9.5 I	0.00020 U	0.0016 U	
0-0.5			4.4	26	0.0056	0.068		
0.5-2			8.4	31	0.00022 U	0.0016 U		
2-4			7.0	23	0.00023 U	0.0016 U		
0-0.5			5.4	21	0.0022	0.021		
0.5-2			1.8	6.7 I	0.00023 U	0.0016 U		
2-4			2.5	8.5 I	0.00024 U	0.0016 U		
0-0.5		2.2	17	0.0011	0.013 I			
0.5-2		0.57	6.4 I	0.00022 U	0.0016 U			
2-4		0.41	3.8 I	0.00023 U	0.0016 U			
SE - 1	NA	NA	0.22	4.3 I	0.00028 U	0.0016 U		
SE - 2			0.2	2.8 U	0.00028 U	0.0016 U		
SE - 3			1.2	4.2 I	0.00033 U	0.0016 U		
SE - 4			1.2	8.7 I	0.00027 U	0.0016 U		
SE - 5			0.21	2.8 U	0.00023 U	0.0016 U		
Direct Exposure Residential (mg/kg)				2.1		0.06		
Direct Exposure Commercial/Industrial (mg/kg)				12		0.3		
Leachability Based on Surface Water Criteria (ug/L)					50		0.0019	

Notes:
mg/kg – milligrams per kilogram
ug/L – micrograms per liter
U = Indicates that the compound was analyzed for, but not detected
I = The reported value is between the laboratory method detection limit (MDL) and the practical quantitation limit (PQL)
NA = Not available
* = As provided in Chapter 62-520, F.A.C.
Bold = Above Soil Cleanup Target Levels
Bold = Above Leachability Based on Surface Water Criteria

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TABLE 4: SURFACE WATER ANALYTICAL SUMMARY									
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See notes at end of table

Sample				Laboratory Analyses				Comments
Boring No.	Date Collected	Depth to Water (ft)	Sample Interval (fbls)	Arsenic	Dieldrin			
				SW-846 6010	EPA 8081			
				Soil (mg/kg)	SPLP (ug/L)	Soil (mg/kg)	SPLP (ug/L)	
CS-1	7/29/2019	4	0-0.5	3.2	8.2 l	0.0025	0.016 l	
			0.5-2	0.51	2.8 U	0.00020 U	0.0016 U	
			2-4	2.2	9.5 l	0.00020 U	0.0016 U	
0-0.5			4.4	26	0.0056	0.068		
0.5-2			8.4	31	0.00022 U	0.0016 U		
2-4			7.0	23	0.00023 U	0.0016 U		
CS-3			0-0.5	5.4	21	0.0022	0.021	
			0.5-2	1.8	6.7 l	0.00023 U	0.0016 U	
			2-4	2.5	8.5 l	0.00024 U	0.0016 U	
CS-4		0-0.5	2.2	17	0.0011	0.013 l		
		0.5-2	0.57	6.4 l	0.00022 U	0.0016 U		
		2-4	0.41	3.8 l	0.00023 U	0.0016 U		
SE - 1	NA	NA	0.22	4.3 l	0.00028 U	0.0016 U		
SE - 2			0.2	2.8 U	0.00028 U	0.0016 U		
SE - 3			1.2	4.2 l	0.00033 U	0.0016 U		
SE - 4			1.2	8.7 l	0.00027 U	0.0016 U		
SE - 5			0.21	2.8 U	0.00023 U	0.0016 U		
Direct Exposure Residential (mg/kg)				2.1		0.06		
Direct Exposure Commercial/Industrial (mg/kg)				12		0.3		
Leachability Based on Surface Water Criteria (ug/L)					50		0.0019	

Notes:
mg/kg – milligrams per kilogram
ug/L – micrograms per liter
U = Indicates that the compound was analyzed for, but not detected
I = The reported value is between the laboratory method detection limit (MDL) and the practical quantitation limit (PQL)
NA = Not available
* = As provided in Chapter 62-520, F.A.C.
Bold = Above Soil Cleanup Target Levels
Bold = Above Leachability Based on Surface Water Criteria

Appendix III

Soil Laboratory Analytical Data and Chain of Custody



ENCO Laboratories

Accurate. Timely. Responsive. Innovative.

10775 Central Port Drive

Orlando FL, 32824

Phone: 407.826.5314 FAX: 407.850.6945

Friday, May 10, 2019

ECS Florida, LLC (EN108)

Attn: Mitchell Collins

4524 N. 56th Street

Tampa, FL 33610

RE: Laboratory Results for

Project Number: 55:2310, Project Name/Desc: Baypoint Gulf Course

ENCO Workorder(s): AC03344

Dear Mitchell Collins,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Thursday, May 2, 2019.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

The analytical results contained in this report are in compliance with NELAC standards, except as noted in the project narrative if applicable. This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Unless otherwise noted, all analyses were performed at DRAFT REPORT. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

DRAFT REPORT

DATA SUBJECT TO CHANGE

Enclosure(s)

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: SS-1-0.5		Lab ID: AC03344-01		Sampled: 05/01/19 08:11		Received: 05/02/19 08:00
<u>Parameter</u>	<u>Preparation</u>	<u>Hold Date/Time(s)</u>		<u>Prep Date/Time(s)</u>		<u>Analysis Date/Time(s)</u>
EPA 6010C	EPA 3050B	10/28/19		05/07/19 08:43		05/08/19 13:41
EPA 8081B	EPA 3550C	05/15/19	06/15/19	05/06/19	10:45	05/07/19 12:23
EPA 8151A	EPA 3550C	05/15/19	06/12/19	05/03/19	10:30	05/06/19 16:47
EPA 8270E	EPA 3550C_MS	05/15/19	06/17/19	05/08/19	21:21	05/09/19 17:16
Client ID: SS-2-0.5		Lab ID: AC03344-03		Sampled: 05/01/19 08:23		Received: 05/02/19 08:00
<u>Parameter</u>	<u>Preparation</u>	<u>Hold Date/Time(s)</u>		<u>Prep Date/Time(s)</u>		<u>Analysis Date/Time(s)</u>
EPA 6010C	EPA 3050B	10/28/19		05/07/19 08:43		05/08/19 13:43
EPA 8081B	EPA 3550C	05/15/19	06/15/19	05/06/19	10:45	05/07/19 12:35
EPA 8151A	EPA 3550C	05/15/19	06/12/19	05/03/19	10:30	05/06/19 17:12
EPA 8270E	EPA 3550C_MS	05/15/19	06/17/19	05/08/19	21:21	05/09/19 15:04
Client ID: SS-3-0.5		Lab ID: AC03344-05		Sampled: 05/01/19 08:40		Received: 05/02/19 08:00
<u>Parameter</u>	<u>Preparation</u>	<u>Hold Date/Time(s)</u>		<u>Prep Date/Time(s)</u>		<u>Analysis Date/Time(s)</u>
EPA 6010C	EPA 3050B	10/28/19		05/07/19 08:43		05/08/19 13:50
EPA 8081B	EPA 3550C	05/15/19	06/15/19	05/06/19	10:45	05/07/19 12:47
EPA 8151A	EPA 3550C	05/15/19	06/12/19	05/03/19	10:30	05/06/19 17:37
EPA 8270E	EPA 3550C_MS	05/15/19	06/17/19	05/08/19	21:21	05/09/19 17:50
Client ID: SS-3-0.5		Lab ID: AC03344-05RE1		Sampled: 05/01/19 08:40		Received: 05/02/19 08:00
<u>Parameter</u>	<u>Preparation</u>	<u>Hold Date/Time(s)</u>		<u>Prep Date/Time(s)</u>		<u>Analysis Date/Time(s)</u>
EPA 8081B	EPA 3550C	05/15/19	06/15/19	05/06/19	10:45	05/07/19 14:24
Client ID: SS-4-0.5		Lab ID: AC03344-07		Sampled: 05/01/19 08:50		Received: 05/02/19 08:00
<u>Parameter</u>	<u>Preparation</u>	<u>Hold Date/Time(s)</u>		<u>Prep Date/Time(s)</u>		<u>Analysis Date/Time(s)</u>
EPA 6010C	EPA 3050B	10/28/19		05/08/19 09:19		05/09/19 11:59
EPA 8081B	EPA 3550C	05/15/19	06/15/19	05/06/19	10:45	05/07/19 12:59
EPA 8151A	EPA 3550C	05/15/19	06/12/19	05/03/19	10:30	05/06/19 18:03
Client ID: SS-5-0.5		Lab ID: AC03344-09		Sampled: 05/01/19 09:03		Received: 05/02/19 08:00
<u>Parameter</u>	<u>Preparation</u>	<u>Hold Date/Time(s)</u>		<u>Prep Date/Time(s)</u>		<u>Analysis Date/Time(s)</u>
EPA 6010C	EPA 3050B	10/28/19		05/08/19 09:19		05/09/19 12:01
EPA 8081B	EPA 3550C	05/15/19	06/15/19	05/06/19	10:45	05/07/19 13:11
EPA 8151A	EPA 3550C	05/15/19	06/12/19	05/03/19	10:30	05/06/19 18:28
EPA 8270E	EPA 3550C_MS	05/15/19	06/12/19	05/03/19	09:32	05/09/19 08:22
Client ID: SS-5-0.5		Lab ID: AC03344-09RE1		Sampled: 05/01/19 09:03		Received: 05/02/19 08:00
<u>Parameter</u>	<u>Preparation</u>	<u>Hold Date/Time(s)</u>		<u>Prep Date/Time(s)</u>		<u>Analysis Date/Time(s)</u>
EPA 8081B	EPA 3550C	05/15/19	06/15/19	05/06/19	10:45	05/07/19 14:36
Client ID: SS-6-0.5		Lab ID: AC03344-11		Sampled: 05/01/19 09:15		Received: 05/02/19 08:00
<u>Parameter</u>	<u>Preparation</u>	<u>Hold Date/Time(s)</u>		<u>Prep Date/Time(s)</u>		<u>Analysis Date/Time(s)</u>
EPA 6010C	EPA 3050B	10/28/19		05/08/19 09:19		05/09/19 12:03
EPA 8081B	EPA 3550C	05/15/19	06/15/19	05/06/19	10:45	05/07/19 13:23
EPA 8151A	EPA 3550C	05/15/19	06/12/19	05/03/19	10:30	05/06/19 18:53
EPA 8270E	EPA 3550C_MS	05/15/19	06/12/19	05/03/19	09:32	05/09/19 08:55
Client ID: SS-6-0.5		Lab ID: AC03344-11RE1		Sampled: 05/01/19 09:15		Received: 05/02/19 08:00
<u>Parameter</u>	<u>Preparation</u>	<u>Hold Date/Time(s)</u>		<u>Prep Date/Time(s)</u>		<u>Analysis Date/Time(s)</u>
EPA 8081B	EPA 3550C	05/15/19	06/15/19	05/06/19	10:45	05/07/19 14:48

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: SS-7-0.5		Lab ID: AC03344-13		Sampled: 05/01/19 09:35		Received: 05/02/19 08:00
<u>Parameter</u>	<u>Preparation</u>	<u>Hold Date/Time(s)</u>		<u>Prep Date/Time(s)</u>		<u>Analysis Date/Time(s)</u>
EPA 6010C	EPA 3050B	10/28/19		05/08/19 09:19		05/09/19 12:05
EPA 8081B	EPA 3550C	05/15/19	06/15/19	05/06/19	10:45	05/07/19 13:36
EPA 8151A	EPA 3550C	05/15/19	06/12/19	05/03/19	10:30	05/06/19 19:18
EPA 8270E	EPA 3550C_MS	05/15/19	06/12/19	05/03/19	09:32	05/09/19 09:29
Client ID: SS-8-0.5		Lab ID: AC03344-15		Sampled: 05/01/19 09:48		Received: 05/02/19 08:00
<u>Parameter</u>	<u>Preparation</u>	<u>Hold Date/Time(s)</u>		<u>Prep Date/Time(s)</u>		<u>Analysis Date/Time(s)</u>
EPA 6010C	EPA 3050B	10/28/19		05/08/19 09:19		05/09/19 12:07
EPA 8081B	EPA 3550C	05/15/19	06/15/19	05/06/19	10:45	05/07/19 13:48
EPA 8151A	EPA 3550C	05/15/19	06/12/19	05/03/19	10:30	05/06/19 19:43
EPA 8270E	EPA 3550C_MS	05/15/19	06/12/19	05/03/19	09:32	05/09/19 10:03
Client ID: SS-9-0.5		Lab ID: AC03344-17		Sampled: 05/01/19 10:00		Received: 05/02/19 08:00
<u>Parameter</u>	<u>Preparation</u>	<u>Hold Date/Time(s)</u>		<u>Prep Date/Time(s)</u>		<u>Analysis Date/Time(s)</u>
EPA 6010C	EPA 3050B	10/28/19		05/08/19 09:19		05/09/19 12:09
EPA 8081B	EPA 3550C	05/15/19	06/16/19	05/07/19	12:30	05/08/19 15:30
EPA 8151A	EPA 3550C	05/15/19	06/12/19	05/03/19	10:30	05/06/19 20:09
EPA 8270E	EPA 3550C_MS	05/15/19	06/12/19	05/03/19	09:32	05/09/19 10:36
Client ID: SS-10-0.5		Lab ID: AC03344-19		Sampled: 05/01/19 10:08		Received: 05/02/19 08:00
<u>Parameter</u>	<u>Preparation</u>	<u>Hold Date/Time(s)</u>		<u>Prep Date/Time(s)</u>		<u>Analysis Date/Time(s)</u>
EPA 6010C	EPA 3050B	10/28/19		05/08/19 09:19		05/09/19 12:11
EPA 8081B	EPA 3550C	05/15/19	06/16/19	05/07/19	12:30	05/08/19 15:42
EPA 8151A	EPA 3550C	05/15/19	06/12/19	05/03/19	10:30	05/06/19 20:34
EPA 8270E	EPA 3550C_MS	05/15/19	06/12/19	05/03/19	09:32	05/09/19 11:10
Client ID: SS-11-0.5		Lab ID: AC03344-21		Sampled: 05/01/19 10:28		Received: 05/02/19 08:00
<u>Parameter</u>	<u>Preparation</u>	<u>Hold Date/Time(s)</u>		<u>Prep Date/Time(s)</u>		<u>Analysis Date/Time(s)</u>
EPA 6010C	EPA 3050B	10/28/19		05/08/19 09:19		05/09/19 12:13
EPA 8081B	EPA 3550C	05/15/19	06/16/19	05/07/19	12:30	05/08/19 15:55
EPA 8151A	EPA 3550C	05/15/19	06/12/19	05/03/19	10:30	05/06/19 20:59
EPA 8270E	EPA 3550C_MS	05/15/19	06/12/19	05/03/19	09:32	05/09/19 11:43
Client ID: SS-12-0.5		Lab ID: AC03344-23		Sampled: 05/01/19 10:38		Received: 05/02/19 08:00
<u>Parameter</u>	<u>Preparation</u>	<u>Hold Date/Time(s)</u>		<u>Prep Date/Time(s)</u>		<u>Analysis Date/Time(s)</u>
EPA 6010C	EPA 3050B	10/28/19		05/08/19 09:19		05/09/19 12:19
EPA 8081B	EPA 3550C	05/15/19	06/16/19	05/07/19	12:30	05/08/19 16:07
EPA 8151A	EPA 3550C	05/15/19	06/12/19	05/03/19	10:30	05/06/19 21:24
EPA 8270E	EPA 3550C_MS	05/15/19	06/12/19	05/03/19	09:32	05/09/19 12:16

SAMPLE DETECTION SUMMARY

Client ID: SS-1-0.5 Lab ID: AC03344-01							
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Aldrin	0.016		0.0013	0.0044	mg/kg dry	EPA 8081B	
Arsenic - Total	4.19		0.667	0.741	mg/kg dry	EPA 6010C	
Barium - Total	7.45		0.208	0.741	mg/kg dry	EPA 6010C	
Chlordane-alpha	0.069		0.0017	0.0044	mg/kg dry	EPA 8081B	
Chlordane-gamma	0.060		0.0020	0.0044	mg/kg dry	EPA 8081B	
Dieldrin	0.27		0.0012	0.0044	mg/kg dry	EPA 8081B	
Client ID: SS-2-0.5 Lab ID: AC03344-03							
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Arsenic - Total	7.42		0.723	0.803	mg/kg dry	EPA 6010C	
Barium - Total	7.13		0.225	0.803	mg/kg dry	EPA 6010C	
Dieldrin	0.0029	I	0.00098	0.0037	mg/kg dry	EPA 8081B	
Client ID: SS-3-0.5 Lab ID: AC03344-05							
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Arsenic - Total	6.99		0.783	0.870	mg/kg dry	EPA 6010C	
Barium - Total	4.96		0.244	0.870	mg/kg dry	EPA 6010C	
Dieldrin	0.036		0.00096	0.0036	mg/kg dry	EPA 8081B	
Client ID: SS-3-0.5 Lab ID: AC03344-05RE1							
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chlordane (tech)	2.6		0.076	0.35	mg/kg dry	EPA 8081B	
Chlordane-alpha	0.35		0.0070	0.018	mg/kg dry	EPA 8081B	
Chlordane-gamma	0.45		0.0082	0.018	mg/kg dry	EPA 8081B	
Client ID: SS-4-0.5 Lab ID: AC03344-07							
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Aldrin	0.0079		0.0011	0.0036	mg/kg dry	EPA 8081B	
Arsenic - Total	4.68		0.680	0.755	mg/kg dry	EPA 6010C	
Barium - Total	18.3		0.211	0.755	mg/kg dry	EPA 6010C	
Chlordane-alpha	0.0079		0.0014	0.0036	mg/kg dry	EPA 8081B	
Chlordane-gamma	0.0065		0.0017	0.0036	mg/kg dry	EPA 8081B	
Dieldrin	0.082		0.00096	0.0036	mg/kg dry	EPA 8081B	
Client ID: SS-5-0.5 Lab ID: AC03344-09							
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Aldrin	0.042		0.0011	0.0036	mg/kg dry	EPA 8081B	
Arsenic - Total	9.90		0.614	0.682	mg/kg dry	EPA 6010C	
Barium - Total	7.17		0.191	0.682	mg/kg dry	EPA 6010C	
Client ID: SS-5-0.5 Lab ID: AC03344-09RE1							
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chlordane (tech)	10		0.38	1.7	mg/kg dry	EPA 8081B	
Chlordane-alpha	1.9		0.035	0.089	mg/kg dry	EPA 8081B	
Chlordane-gamma	2.2		0.040	0.089	mg/kg dry	EPA 8081B	
Dieldrin	0.39		0.024	0.089	mg/kg dry	EPA 8081B	
Client ID: SS-6-0.5 Lab ID: AC03344-11							
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Aldrin	0.038		0.0014	0.0046	mg/kg dry	EPA 8081B	
Arsenic - Total	20.2		0.807	0.896	mg/kg dry	EPA 6010C	
Barium - Total	27.8		0.251	0.896	mg/kg dry	EPA 6010C	
Chlordane-alpha	0.16		0.0018	0.0046	mg/kg dry	EPA 8081B	
Chlordane-gamma	0.093		0.0021	0.0046	mg/kg dry	EPA 8081B	
Client ID: SS-6-0.5 Lab ID: AC03344-11RE1							
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Dieldrin	1.1		0.012	0.046	mg/kg dry	EPA 8081B	
Client ID: SS-7-0.5 Lab ID: AC03344-13							
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Barium - Total	0.702		0.173	0.618	mg/kg dry	EPA 6010C	
Chlordane-alpha	0.078		0.0014	0.0035	mg/kg dry	EPA 8081B	
Chlordane-gamma	0.075		0.0016	0.0035	mg/kg dry	EPA 8081B	
Dieldrin	0.078		0.00094	0.0035	mg/kg dry	EPA 8081B	

SAMPLE DETECTION SUMMARY

Client ID: SS-8-0.5		Lab ID: AC03344-15					
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Aldrin	0.018		0.0011	0.0035	mg/kg dry	EPA 8081B	
Arsenic - Total	3.82		0.743	0.826	mg/kg dry	EPA 6010C	
Barium - Total	19.2		0.231	0.826	mg/kg dry	EPA 6010C	
Chlordane-alpha	0.046		0.0014	0.0035	mg/kg dry	EPA 8081B	
Chlordane-gamma	0.033		0.0016	0.0035	mg/kg dry	EPA 8081B	
Dieldrin	0.23		0.00094	0.0035	mg/kg dry	EPA 8081B	
Client ID: SS-9-0.5		Lab ID: AC03344-17					
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Arsenic - Total	25.7		0.725	0.805	mg/kg dry	EPA 6010C	
Barium - Total	16.6		0.225	0.805	mg/kg dry	EPA 6010C	
Client ID: SS-10-0.5		Lab ID: AC03344-19					
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Aldrin	0.0028	I	0.0011	0.0036	mg/kg dry	EPA 8081B	
Arsenic - Total	1.49		0.627	0.697	mg/kg dry	EPA 6010C	
Barium - Total	4.01		0.195	0.697	mg/kg dry	EPA 6010C	
Chlordane-alpha	0.14		0.0014	0.0036	mg/kg dry	EPA 8081B	
Chlordane-gamma	0.14		0.0016	0.0036	mg/kg dry	EPA 8081B	
Dieldrin	0.024		0.00095	0.0036	mg/kg dry	EPA 8081B	
Client ID: SS-11-0.5		Lab ID: AC03344-21					
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Arsenic - Total	0.648		0.512	0.568	mg/kg dry	EPA 6010C	
Barium - Total	10.9		0.159	0.568	mg/kg dry	EPA 6010C	
Dieldrin	0.25		0.0010	0.0039	mg/kg dry	EPA 8081B	
Client ID: SS-12-0.5		Lab ID: AC03344-23					
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Arsenic - Total	3.02		0.707	0.786	mg/kg dry	EPA 6010C	
Barium - Total	4.82		0.220	0.786	mg/kg dry	EPA 6010C	

ANALYTICAL RESULTS

Description: SS-1-0.5

Lab Sample ID: AC03344-01

Received: 05/02/19 08:00

Matrix: Soil

Sampled: 05/01/19 08:11

Work Order: AC03344

Project: Baypoint Gulf Course

Sampled By: Mitchell Collins

% Solids: 77.54

Semivolatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Azinphos-methyl [86-50-0]^	0.072	U	mg/kg dry	4	0.072	0.088	9E08053	EPA 8270E	05/09/19 17:16	jfi	QL-02, QV-01
Bolstar [35400-43-2]^	0.077	U	mg/kg dry	4	0.077	0.088	9E08053	EPA 8270E	05/09/19 17:16	jfi	QL-02
Chlorpyrifos [2921-88-2]^	0.052	U	mg/kg dry	4	0.052	0.088	9E08053	EPA 8270E	05/09/19 17:16	jfi	QL-02
Coumaphos [56-72-4]^	0.067	U	mg/kg dry	4	0.067	0.088	9E08053	EPA 8270E	05/09/19 17:16	jfi	
Demeton [8065-48-3]^	0.057	U	mg/kg dry	4	0.057	0.088	9E08053	EPA 8270E	05/09/19 17:16	jfi	QL-02, QV-01
Diazinon [333-41-5]^	0.057	U	mg/kg dry	4	0.057	0.088	9E08053	EPA 8270E	05/09/19 17:16	jfi	QL-02
Dichlorofenthion [97-17-6]^	0.046	U	mg/kg dry	4	0.046	0.088	9E08053	EPA 8270E	05/09/19 17:16	jfi	
Dichlorvos [62-73-7]^	0.072	U	mg/kg dry	4	0.072	0.088	9E08053	EPA 8270E	05/09/19 17:16	jfi	QL-02
Dimethoate [60-51-5]^	0.057	U	mg/kg dry	4	0.057	0.088	9E08053	EPA 8270E	05/09/19 17:16	jfi	QV-01
Disulfoton [298-04-4]^	0.057	U	mg/kg dry	4	0.057	0.088	9E08053	EPA 8270E	05/09/19 17:16	jfi	QL-02
EPN [2104-64-5]^	0.047	U	mg/kg dry	4	0.047	0.088	9E08053	EPA 8270E	05/09/19 17:16	jfi	QL-02, QV-01
Ethion [563-12-2]^	0.057	U	mg/kg dry	4	0.057	0.088	9E08053	EPA 8270E	05/09/19 17:16	jfi	
Ethoprop [13194-48-4]^	0.052	U	mg/kg dry	4	0.052	0.088	9E08053	EPA 8270E	05/09/19 17:16	jfi	QL-02
Ethyl Parathion [56-38-2]^	0.051	U	mg/kg dry	4	0.051	0.088	9E08053	EPA 8270E	05/09/19 17:16	jfi	QV-01
Fensulfothion [115-90-2]^	0.041	U	mg/kg dry	4	0.041	0.088	9E08053	EPA 8270E	05/09/19 17:16	jfi	
Fenthion [55-38-9]^	0.052	U	mg/kg dry	4	0.052	0.088	9E08053	EPA 8270E	05/09/19 17:16	jfi	
Malathion [121-75-5]^	0.057	U	mg/kg dry	4	0.057	0.088	9E08053	EPA 8270E	05/09/19 17:16	jfi	
Merphos [150-50-5]^	0.062	U	mg/kg dry	4	0.062	0.088	9E08053	EPA 8270E	05/09/19 17:16	jfi	
Methyl parathion [298-00-0]^	0.057	U	mg/kg dry	4	0.057	0.088	9E08053	EPA 8270E	05/09/19 17:16	jfi	QL-02
Mevinphos [7786-34-7]^	0.057	U	mg/kg dry	4	0.057	0.088	9E08053	EPA 8270E	05/09/19 17:16	jfi	QL-02, QV-01
Monocrotophos [6923-22-4]^	0.083	U	mg/kg dry	4	0.083	0.088	9E08053	EPA 8270E	05/09/19 17:16	jfi	QV-01
Naled [300-76-5]^	0.017	U	mg/kg dry	4	0.017	0.17	9E08053	EPA 8270E	05/09/19 17:16	jfi	
Phorate [298-02-2]^	0.052	U	mg/kg dry	4	0.052	0.088	9E08053	EPA 8270E	05/09/19 17:16	jfi	
Ronnel [299-84-3]^	0.052	U	mg/kg dry	4	0.052	0.088	9E08053	EPA 8270E	05/09/19 17:16	jfi	
Stirophos (Tetrachlorvinphos) [22248-79-9]^	0.062	U	mg/kg dry	4	0.062	0.088	9E08053	EPA 8270E	05/09/19 17:16	jfi	
Sulfotep [3689-24-5]^	0.042	U	mg/kg dry	4	0.042	0.088	9E08053	EPA 8270E	05/09/19 17:16	jfi	
TEPP [107-49-3]^	0.036	U	mg/kg dry	4	0.036	0.17	9E08053	EPA 8270E	05/09/19 17:16	jfi	
Tokuthion (Prothiofos) [34643-46-4]^	0.062	U	mg/kg dry	4	0.062	0.088	9E08053	EPA 8270E	05/09/19 17:16	jfi	QL-02
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>	
Tributyl Phosphate	0.077	4	0.0879	88 %	33-127	9E08053	EPA 8270E	05/09/19 17:16	jfi		
Triphenyl phosphate	0.046	4	0.0879	53 %	34-158	9E08053	EPA 8270E	05/09/19 17:16	jfi		

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8]^	0.0021	U	mg/kg dry	2	0.0021	0.0044	9E06021	EPA 8081B	05/07/19 12:23	JJB	
4,4'-DDE [72-55-9]^	0.0017	U	mg/kg dry	2	0.0017	0.0044	9E06021	EPA 8081B	05/07/19 12:23	JJB	
4,4'-DDT [50-29-3]^	0.0017	U	mg/kg dry	2	0.0017	0.0044	9E06021	EPA 8081B	05/07/19 12:23	JJB	
Aldrin [309-00-2]^	0.016		mg/kg dry	2	0.0013	0.0044	9E06021	EPA 8081B	05/07/19 12:23	JJB	
alpha-BHC [319-84-6]^	0.0014	U	mg/kg dry	2	0.0014	0.0044	9E06021	EPA 8081B	05/07/19 12:23	JJB	
beta-BHC [319-85-7]^	0.0031	U	mg/kg dry	2	0.0031	0.0044	9E06021	EPA 8081B	05/07/19 12:23	JJB	
Chlordane (tech) [12789-03-6]^	0.019	U	mg/kg dry	2	0.019	0.085	9E06021	EPA 8081B	05/07/19 12:23	JJB	
Chlordane-alpha [5103-71-9]^	0.069		mg/kg dry	2	0.0017	0.0044	9E06021	EPA 8081B	05/07/19 12:23	JJB	
Chlordane-gamma [5103-74-2]^	0.060		mg/kg dry	2	0.0020	0.0044	9E06021	EPA 8081B	05/07/19 12:23	JJB	

ANALYTICAL RESULTS

Description: SS-1-0.5

Lab Sample ID: AC03344-01

Received: 05/02/19 08:00

Matrix: Soil

Sampled: 05/01/19 08:11

Work Order: AC03344

Project: Baypoint Gulf Course

Sampled By: Mitchell Collins

% Solids: 77.54

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
delta-BHC [319-86-8]^	0.0016	U	mg/kg dry	2	0.0016	0.0044	9E06021	EPA 8081B	05/07/19 12:23	JJB	
Dieldrin [60-57-1]^	0.27		mg/kg dry	2	0.0012	0.0044	9E06021	EPA 8081B	05/07/19 12:23	JJB	
Endosulfan I [959-98-8]^	0.0010	U	mg/kg dry	2	0.0010	0.0044	9E06021	EPA 8081B	05/07/19 12:23	JJB	
Endosulfan II [33213-65-9]^	0.0022	U	mg/kg dry	2	0.0022	0.0044	9E06021	EPA 8081B	05/07/19 12:23	JJB	
Endosulfan sulfate [1031-07-8]^	0.0015	U	mg/kg dry	2	0.0015	0.0044	9E06021	EPA 8081B	05/07/19 12:23	JJB	
Endrin [72-20-8]^	0.0019	U	mg/kg dry	2	0.0019	0.0044	9E06021	EPA 8081B	05/07/19 12:23	JJB	
Endrin aldehyde [7421-93-4]^	0.0036	U	mg/kg dry	2	0.0036	0.0044	9E06021	EPA 8081B	05/07/19 12:23	JJB	
Endrin ketone [53494-70-5]^	0.0015	U	mg/kg dry	2	0.0015	0.0044	9E06021	EPA 8081B	05/07/19 12:23	JJB	
gamma-BHC [58-89-9]^	0.0015	U	mg/kg dry	2	0.0015	0.0044	9E06021	EPA 8081B	05/07/19 12:23	JJB	
Heptachlor [76-44-8]^	0.0017	U	mg/kg dry	2	0.0017	0.0044	9E06021	EPA 8081B	05/07/19 12:23	JJB	
Heptachlor epoxide [1024-57-3]^	0.0019	U	mg/kg dry	2	0.0019	0.0044	9E06021	EPA 8081B	05/07/19 12:23	JJB	
Isodrin [465-73-6]^	0.0016	U	mg/kg dry	2	0.0016	0.0044	9E06021	EPA 8081B	05/07/19 12:23	JJB	
Methoxychlor [72-43-5]^	0.0024	U	mg/kg dry	2	0.0024	0.0044	9E06021	EPA 8081B	05/07/19 12:23	JJB	
Mirex [2385-85-5]^	0.0028	U	mg/kg dry	2	0.0028	0.0044	9E06021	EPA 8081B	05/07/19 12:23	JJB	
Toxaphene [8001-35-2]^	0.044	U	mg/kg dry	2	0.044	0.085	9E06021	EPA 8081B	05/07/19 12:23	JJB	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
2,4,5,6-TCMX	0.029	2	0.0431	68 %	20-137	9E06021	EPA 8081B	05/07/19 12:23	JJB	
Decachlorobiphenyl	0.037	2	0.0431	86 %	13-183	9E06021	EPA 8081B	05/07/19 12:23	JJB	

Chlorinated Herbicides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
2,4,5-T [93-76-5]^	0.0034	U	mg/kg dry	1	0.0034	0.013	9E03001	EPA 8151A	05/06/19 16:47	RGG	
2,4,5-TP (Silvex) [93-72-1]^	0.0061	U	mg/kg dry	1	0.0061	0.013	9E03001	EPA 8151A	05/06/19 16:47	RGG	
2,4-D [94-75-7]^	0.013	U	mg/kg dry	1	0.013	0.013	9E03001	EPA 8151A	05/06/19 16:47	RGG	
2,4-DB [94-82-6]^	0.013	U	mg/kg dry	1	0.013	0.013	9E03001	EPA 8151A	05/06/19 16:47	RGG	
3,5-DCBA [51-365-5]^	0.0062	U	mg/kg dry	1	0.0062	0.013	9E03001	EPA 8151A	05/06/19 16:47	RGG	
4-Nitrophenol [100-02-7]^	0.013	U	mg/kg dry	1	0.013	0.013	9E03001	EPA 8151A	05/06/19 16:47	RGG	
Acifluorfen [50594-66-6]^	0.0092	U	mg/kg dry	1	0.0092	0.013	9E03001	EPA 8151A	05/06/19 16:47	RGG	
Bentazon [25057-89-0]^	0.0058	U	mg/kg dry	1	0.0058	0.013	9E03001	EPA 8151A	05/06/19 16:47	RGG	
Chloramben [133-90-4]^	0.0050	U	mg/kg dry	1	0.0050	0.013	9E03001	EPA 8151A	05/06/19 16:47	RGG	QV-01
Dacthal [1861-32-1]^	0.0031	U	mg/kg dry	1	0.0031	0.013	9E03001	EPA 8151A	05/06/19 16:47	RGG	
Dalapon [75-99-0]^	0.0064	U	mg/kg dry	1	0.0064	0.013	9E03001	EPA 8151A	05/06/19 16:47	RGG	
Dicamba [1918-00-9]^	0.0054	U	mg/kg dry	1	0.0054	0.013	9E03001	EPA 8151A	05/06/19 16:47	RGG	
Dichlorprop [120-36-5]^	0.0044	U	mg/kg dry	1	0.0044	0.013	9E03001	EPA 8151A	05/06/19 16:47	RGG	
Dinoseb [88-85-7]^	0.0054	U	mg/kg dry	1	0.0054	0.013	9E03001	EPA 8151A	05/06/19 16:47	RGG	
MCPA [94-74-6]^	0.97	U	mg/kg dry	1	0.97	1.3	9E03001	EPA 8151A	05/06/19 16:47	RGG	
MCPP [7085-19-0]^	0.99	U	mg/kg dry	1	0.99	1.3	9E03001	EPA 8151A	05/06/19 16:47	RGG	
Pentachlorophenol [87-86-5]^	0.0032	U	mg/kg dry	1	0.0032	0.013	9E03001	EPA 8151A	05/06/19 16:47	RGG	
Picloram [1918-02-1]^	0.0034	U	mg/kg dry	1	0.0034	0.013	9E03001	EPA 8151A	05/06/19 16:47	RGG	QV-01

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
2,4-DCAA	0.026	1	0.0519	50 %	16-169	9E03001	EPA 8151A	05/06/19 16:47	RGG	



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ANALYTICAL RESULTS

Description: SS-1-0.5

Lab Sample ID: AC03344-01

Received: 05/02/19 08:00

Matrix: Soil

Sampled: 05/01/19 08:11

Work Order: AC03344

Project: Baypoint Gulf Course

Sampled By: Mitchell Collins

% Solids: 77.54

Metals by EPA 6000/7000 Series Methods

^ - ENCO Jacksonville certified analyte [NELAC E82277]

<u>Analyte [CAS Number]</u>	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
Arsenic [7440-38-2]^	4.19		mg/kg dry	1	0.667	0.741	9E07001	EPA 6010C	05/08/19 13:41	ACV	
Barium [7440-39-3]^	7.45		mg/kg dry	1	0.208	0.741	9E07001	EPA 6010C	05/08/19 13:41	ACV	

ANALYTICAL RESULTS

Description: SS-2-0.5

Lab Sample ID: AC03344-03

Received: 05/02/19 08:00

Matrix: Soil

Sampled: 05/01/19 08:23

Work Order: AC03344

Project: Baypoint Gulf Course

Sampled By: Mitchell Collins

% Solids: 91.59

Semivolatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Azinphos-methyl [86-50-0]^	0.061	U	mg/kg dry	4	0.061	0.074	9E08053	EPA 8270E	05/09/19 15:04	jfi	QL-02, QV-01
Bolstar [35400-43-2]^	0.066	U	mg/kg dry	4	0.066	0.074	9E08053	EPA 8270E	05/09/19 15:04	jfi	QL-02
Chlorpyrifos [2921-88-2]^	0.044	U	mg/kg dry	4	0.044	0.074	9E08053	EPA 8270E	05/09/19 15:04	jfi	QL-02
Coumaphos [56-72-4]^	0.057	U	mg/kg dry	4	0.057	0.074	9E08053	EPA 8270E	05/09/19 15:04	jfi	QM-07
Demeton [8065-48-3]^	0.048	U	mg/kg dry	4	0.048	0.074	9E08053	EPA 8270E	05/09/19 15:04	jfi	QL-02, QV-01
Diazinon [333-41-5]^	0.048	U	mg/kg dry	4	0.048	0.074	9E08053	EPA 8270E	05/09/19 15:04	jfi	QL-02
Dichlorofenthion [97-17-6]^	0.039	U	mg/kg dry	4	0.039	0.074	9E08053	EPA 8270E	05/09/19 15:04	jfi	
Dichlorvos [62-73-7]^	0.061	U	mg/kg dry	4	0.061	0.074	9E08053	EPA 8270E	05/09/19 15:04	jfi	QL-02
Dimethoate [60-51-5]^	0.048	U	mg/kg dry	4	0.048	0.074	9E08053	EPA 8270E	05/09/19 15:04	jfi	QV-01
Disulfoton [298-04-4]^	0.048	U	mg/kg dry	4	0.048	0.074	9E08053	EPA 8270E	05/09/19 15:04	jfi	QL-02
EPN [2104-64-5]^	0.040	U	mg/kg dry	4	0.040	0.074	9E08053	EPA 8270E	05/09/19 15:04	jfi	QL-02, QV-01
Ethion [563-12-2]^	0.048	U	mg/kg dry	4	0.048	0.074	9E08053	EPA 8270E	05/09/19 15:04	jfi	
Ethoprop [13194-48-4]^	0.044	U	mg/kg dry	4	0.044	0.074	9E08053	EPA 8270E	05/09/19 15:04	jfi	QL-02
Ethyl Parathion [56-38-2]^	0.043	U	mg/kg dry	4	0.043	0.074	9E08053	EPA 8270E	05/09/19 15:04	jfi	QV-01
Fensulfothion [115-90-2]^	0.035	U	mg/kg dry	4	0.035	0.074	9E08053	EPA 8270E	05/09/19 15:04	jfi	
Fenthion [55-38-9]^	0.044	U	mg/kg dry	4	0.044	0.074	9E08053	EPA 8270E	05/09/19 15:04	jfi	
Malathion [121-75-5]^	0.048	U	mg/kg dry	4	0.048	0.074	9E08053	EPA 8270E	05/09/19 15:04	jfi	
Merphos [150-50-5]^	0.052	U	mg/kg dry	4	0.052	0.074	9E08053	EPA 8270E	05/09/19 15:04	jfi	
Methyl parathion [298-00-0]^	0.048	U	mg/kg dry	4	0.048	0.074	9E08053	EPA 8270E	05/09/19 15:04	jfi	QL-02
Mevinphos [7786-34-7]^	0.048	U	mg/kg dry	4	0.048	0.074	9E08053	EPA 8270E	05/09/19 15:04	jfi	QL-02, QV-01
Monocrotophos [6923-22-4]^	0.070	U	mg/kg dry	4	0.070	0.074	9E08053	EPA 8270E	05/09/19 15:04	jfi	QV-01
Naled [300-76-5]^	0.014	U	mg/kg dry	4	0.014	0.14	9E08053	EPA 8270E	05/09/19 15:04	jfi	QM-07
Phorate [298-02-2]^	0.044	U	mg/kg dry	4	0.044	0.074	9E08053	EPA 8270E	05/09/19 15:04	jfi	
Ronnel [299-84-3]^	0.044	U	mg/kg dry	4	0.044	0.074	9E08053	EPA 8270E	05/09/19 15:04	jfi	
Stirophos (Tetrachlorvinphos) [22248-79-9]^	0.052	U	mg/kg dry	4	0.052	0.074	9E08053	EPA 8270E	05/09/19 15:04	jfi	QM-07
Sulfotep [3689-24-5]^	0.035	U	mg/kg dry	4	0.035	0.074	9E08053	EPA 8270E	05/09/19 15:04	jfi	
TEPP [107-49-3]^	0.031	U	mg/kg dry	4	0.031	0.14	9E08053	EPA 8270E	05/09/19 15:04	jfi	QM-07
Tokuthion (Prothiofos) [34643-46-4]^	0.052	U	mg/kg dry	4	0.052	0.074	9E08053	EPA 8270E	05/09/19 15:04	jfi	QL-02
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>	
Tributyl Phosphate	0.069	4	0.0734	95 %	33-127	9E08053	EPA 8270E	05/09/19 15:04	jfi		
Triphenyl phosphate	0.039	4	0.0734	54 %	34-158	9E08053	EPA 8270E	05/09/19 15:04	jfi		

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8]^	0.0017	U	mg/kg dry	2	0.0017	0.0037	9E06021	EPA 8081B	05/07/19 12:35	JJB	
4,4'-DDE [72-55-9]^	0.0014	U	mg/kg dry	2	0.0014	0.0037	9E06021	EPA 8081B	05/07/19 12:35	JJB	
4,4'-DDT [50-29-3]^	0.0014	U	mg/kg dry	2	0.0014	0.0037	9E06021	EPA 8081B	05/07/19 12:35	JJB	
Aldrin [309-00-2]^	0.0011	U	mg/kg dry	2	0.0011	0.0037	9E06021	EPA 8081B	05/07/19 12:35	JJB	
alpha-BHC [319-84-6]^	0.0012	U	mg/kg dry	2	0.0012	0.0037	9E06021	EPA 8081B	05/07/19 12:35	JJB	
beta-BHC [319-85-7]^	0.0026	U	mg/kg dry	2	0.0026	0.0037	9E06021	EPA 8081B	05/07/19 12:35	JJB	
Chlordane (tech) [12789-03-6]^	0.016	U	mg/kg dry	2	0.016	0.072	9E06021	EPA 8081B	05/07/19 12:35	JJB	
Chlordane-alpha [5103-71-9]^	0.0014	U	mg/kg dry	2	0.0014	0.0037	9E06021	EPA 8081B	05/07/19 12:35	JJB	
Chlordane-gamma [5103-74-2]^	0.0017	U	mg/kg dry	2	0.0017	0.0037	9E06021	EPA 8081B	05/07/19 12:35	JJB	

ANALYTICAL RESULTS

Description: SS-2-0.5

Lab Sample ID: AC03344-03

Received: 05/02/19 08:00

Matrix: Soil

Sampled: 05/01/19 08:23

Work Order: AC03344

Project: Baypoint Gulf Course

Sampled By: Mitchell Collins

% Solids: 91.59

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
delta-BHC [319-86-8]^	0.0014	U	mg/kg dry	2	0.0014	0.0037	9E06021	EPA 8081B	05/07/19 12:35	JJB	
Dieldrin [60-57-1]^	0.0029	I	mg/kg dry	2	0.00098	0.0037	9E06021	EPA 8081B	05/07/19 12:35	JJB	
Endosulfan I [959-98-8]^	0.00087	U	mg/kg dry	2	0.00087	0.0037	9E06021	EPA 8081B	05/07/19 12:35	JJB	
Endosulfan II [33213-65-9]^	0.0019	U	mg/kg dry	2	0.0019	0.0037	9E06021	EPA 8081B	05/07/19 12:35	JJB	
Endosulfan sulfate [1031-07-8]^	0.0013	U	mg/kg dry	2	0.0013	0.0037	9E06021	EPA 8081B	05/07/19 12:35	JJB	
Endrin [72-20-8]^	0.0016	U	mg/kg dry	2	0.0016	0.0037	9E06021	EPA 8081B	05/07/19 12:35	JJB	
Endrin aldehyde [7421-93-4]^	0.0031	U	mg/kg dry	2	0.0031	0.0037	9E06021	EPA 8081B	05/07/19 12:35	JJB	
Endrin ketone [53494-70-5]^	0.0013	U	mg/kg dry	2	0.0013	0.0037	9E06021	EPA 8081B	05/07/19 12:35	JJB	
gamma-BHC [58-89-9]^	0.0013	U	mg/kg dry	2	0.0013	0.0037	9E06021	EPA 8081B	05/07/19 12:35	JJB	
Heptachlor [76-44-8]^	0.0014	U	mg/kg dry	2	0.0014	0.0037	9E06021	EPA 8081B	05/07/19 12:35	JJB	
Heptachlor epoxide [1024-57-3]^	0.0016	U	mg/kg dry	2	0.0016	0.0037	9E06021	EPA 8081B	05/07/19 12:35	JJB	
Isodrin [465-73-6]^	0.0014	U	mg/kg dry	2	0.0014	0.0037	9E06021	EPA 8081B	05/07/19 12:35	JJB	
Methoxychlor [72-43-5]^	0.0021	U	mg/kg dry	2	0.0021	0.0037	9E06021	EPA 8081B	05/07/19 12:35	JJB	
Mirex [2385-85-5]^	0.0024	U	mg/kg dry	2	0.0024	0.0037	9E06021	EPA 8081B	05/07/19 12:35	JJB	
Toxaphene [8001-35-2]^	0.037	U	mg/kg dry	2	0.037	0.072	9E06021	EPA 8081B	05/07/19 12:35	JJB	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
2,4,5,6-TCMX	0.026	2	0.0365	72 %	20-137	9E06021	EPA 8081B	05/07/19 12:35	JJB	
Decachlorobiphenyl	0.027	2	0.0365	74 %	13-183	9E06021	EPA 8081B	05/07/19 12:35	JJB	

Chlorinated Herbicides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
2,4,5-T [93-76-5]^	0.0028	U	mg/kg dry	1	0.0028	0.011	9E03001	EPA 8151A	05/06/19 17:12	RGG	
2,4,5-TP (Silvex) [93-72-1]^	0.0051	U	mg/kg dry	1	0.0051	0.011	9E03001	EPA 8151A	05/06/19 17:12	RGG	
2,4-D [94-75-7]^	0.011	U	mg/kg dry	1	0.011	0.011	9E03001	EPA 8151A	05/06/19 17:12	RGG	
2,4-DB [94-82-6]^	0.011	U	mg/kg dry	1	0.011	0.011	9E03001	EPA 8151A	05/06/19 17:12	RGG	
3,5-DCBA [51-365-5]^	0.0052	U	mg/kg dry	1	0.0052	0.011	9E03001	EPA 8151A	05/06/19 17:12	RGG	
4-Nitrophenol [100-02-7]^	0.011	U	mg/kg dry	1	0.011	0.011	9E03001	EPA 8151A	05/06/19 17:12	RGG	
Acifluorfen [50594-66-6]^	0.0078	U	mg/kg dry	1	0.0078	0.011	9E03001	EPA 8151A	05/06/19 17:12	RGG	
Bentazon [25057-89-0]^	0.0049	U	mg/kg dry	1	0.0049	0.011	9E03001	EPA 8151A	05/06/19 17:12	RGG	
Chloramben [133-90-4]^	0.0043	U	mg/kg dry	1	0.0043	0.011	9E03001	EPA 8151A	05/06/19 17:12	RGG	QV-01
Dacthal [1861-32-1]^	0.0026	U	mg/kg dry	1	0.0026	0.011	9E03001	EPA 8151A	05/06/19 17:12	RGG	
Dalapon [75-99-0]^	0.0055	U	mg/kg dry	1	0.0055	0.011	9E03001	EPA 8151A	05/06/19 17:12	RGG	
Dicamba [1918-00-9]^	0.0046	U	mg/kg dry	1	0.0046	0.011	9E03001	EPA 8151A	05/06/19 17:12	RGG	
Dichlorprop [120-36-5]^	0.0037	U	mg/kg dry	1	0.0037	0.011	9E03001	EPA 8151A	05/06/19 17:12	RGG	
Dinoseb [88-85-7]^	0.0046	U	mg/kg dry	1	0.0046	0.011	9E03001	EPA 8151A	05/06/19 17:12	RGG	
MCPA [94-74-6]^	0.82	U	mg/kg dry	1	0.82	1.1	9E03001	EPA 8151A	05/06/19 17:12	RGG	
MCPP [7085-19-0]^	0.84	U	mg/kg dry	1	0.84	1.1	9E03001	EPA 8151A	05/06/19 17:12	RGG	
Pentachlorophenol [87-86-5]^	0.0027	U	mg/kg dry	1	0.0027	0.011	9E03001	EPA 8151A	05/06/19 17:12	RGG	
Picloram [1918-02-1]^	0.0028	U	mg/kg dry	1	0.0028	0.011	9E03001	EPA 8151A	05/06/19 17:12	RGG	QV-01

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
2,4-DCAA	0.022	1	0.0437	52 %	16-169	9E03001	EPA 8151A	05/06/19 17:12	RGG	



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ANALYTICAL RESULTS

Description: SS-2-0.5

Lab Sample ID: AC03344-03

Received: 05/02/19 08:00

Matrix: Soil

Sampled: 05/01/19 08:23

Work Order: AC03344

Project: Baypoint Gulf Course

Sampled By: Mitchell Collins

% Solids: 91.59

Metals by EPA 6000/7000 Series Methods

^ - ENCO Jacksonville certified analyte [NELAC E82277]

<u>Analyte [CAS Number]</u>	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
Arsenic [7440-38-2]^	7.42		mg/kg dry	1	0.723	0.803	9E07001	EPA 6010C	05/08/19 13:43	ACV	
Barium [7440-39-3]^	7.13		mg/kg dry	1	0.225	0.803	9E07001	EPA 6010C	05/08/19 13:43	ACV	

ANALYTICAL RESULTS

Description: SS-3-0.5

Lab Sample ID: AC03344-05

Received: 05/02/19 08:00

Matrix: Soil

Sampled: 05/01/19 08:40

Work Order: AC03344

Project: Baypoint Gulf Course

Sampled By: Mitchell Collins

% Solids: 94.19

Semivolatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Azinphos-methyl [86-50-0]^	0.059	U	mg/kg dry	4	0.059	0.072	9E08053	EPA 8270E	05/09/19 17:50	jfi	QL-02, QV-01
Bolstar [35400-43-2]^	0.064	U	mg/kg dry	4	0.064	0.072	9E08053	EPA 8270E	05/09/19 17:50	jfi	QL-02
Chlorpyrifos [2921-88-2]^	0.042	U	mg/kg dry	4	0.042	0.072	9E08053	EPA 8270E	05/09/19 17:50	jfi	QL-02
Coumaphos [56-72-4]^	0.055	U	mg/kg dry	4	0.055	0.072	9E08053	EPA 8270E	05/09/19 17:50	jfi	
Demeton [8065-48-3]^	0.047	U	mg/kg dry	4	0.047	0.072	9E08053	EPA 8270E	05/09/19 17:50	jfi	QL-02, QV-01
Diazinon [333-41-5]^	0.047	U	mg/kg dry	4	0.047	0.072	9E08053	EPA 8270E	05/09/19 17:50	jfi	QL-02
Dichlorofenthion [97-17-6]^	0.038	U	mg/kg dry	4	0.038	0.072	9E08053	EPA 8270E	05/09/19 17:50	jfi	
Dichlorvos [62-73-7]^	0.059	U	mg/kg dry	4	0.059	0.072	9E08053	EPA 8270E	05/09/19 17:50	jfi	QL-02
Dimethoate [60-51-5]^	0.047	U	mg/kg dry	4	0.047	0.072	9E08053	EPA 8270E	05/09/19 17:50	jfi	QV-01
Disulfoton [298-04-4]^	0.047	U	mg/kg dry	4	0.047	0.072	9E08053	EPA 8270E	05/09/19 17:50	jfi	QL-02
EPN [2104-64-5]^	0.039	U	mg/kg dry	4	0.039	0.072	9E08053	EPA 8270E	05/09/19 17:50	jfi	QL-02, QV-01
Ethion [563-12-2]^	0.047	U	mg/kg dry	4	0.047	0.072	9E08053	EPA 8270E	05/09/19 17:50	jfi	
Ethoprop [13194-48-4]^	0.042	U	mg/kg dry	4	0.042	0.072	9E08053	EPA 8270E	05/09/19 17:50	jfi	QL-02
Ethyl Parathion [56-38-2]^	0.042	U	mg/kg dry	4	0.042	0.072	9E08053	EPA 8270E	05/09/19 17:50	jfi	QV-01
Fensulfothion [115-90-2]^	0.034	U	mg/kg dry	4	0.034	0.072	9E08053	EPA 8270E	05/09/19 17:50	jfi	
Fenthion [55-38-9]^	0.042	U	mg/kg dry	4	0.042	0.072	9E08053	EPA 8270E	05/09/19 17:50	jfi	
Malathion [121-75-5]^	0.047	U	mg/kg dry	4	0.047	0.072	9E08053	EPA 8270E	05/09/19 17:50	jfi	
Merphos [150-50-5]^	0.051	U	mg/kg dry	4	0.051	0.072	9E08053	EPA 8270E	05/09/19 17:50	jfi	
Methyl parathion [298-00-0]^	0.047	U	mg/kg dry	4	0.047	0.072	9E08053	EPA 8270E	05/09/19 17:50	jfi	QL-02
Mevinphos [7786-34-7]^	0.047	U	mg/kg dry	4	0.047	0.072	9E08053	EPA 8270E	05/09/19 17:50	jfi	QL-02, QV-01
Monocrotophos [6923-22-4]^	0.068	U	mg/kg dry	4	0.068	0.072	9E08053	EPA 8270E	05/09/19 17:50	jfi	QV-01
Naled [300-76-5]^	0.014	U	mg/kg dry	4	0.014	0.14	9E08053	EPA 8270E	05/09/19 17:50	jfi	
Phorate [298-02-2]^	0.042	U	mg/kg dry	4	0.042	0.072	9E08053	EPA 8270E	05/09/19 17:50	jfi	
Ronnel [299-84-3]^	0.042	U	mg/kg dry	4	0.042	0.072	9E08053	EPA 8270E	05/09/19 17:50	jfi	
Stirophos (Tetrachlorvinphos) [22248-79-9]^	0.051	U	mg/kg dry	4	0.051	0.072	9E08053	EPA 8270E	05/09/19 17:50	jfi	
Sulfotep [3689-24-5]^	0.034	U	mg/kg dry	4	0.034	0.072	9E08053	EPA 8270E	05/09/19 17:50	jfi	
TEPP [107-49-3]^	0.030	U	mg/kg dry	4	0.030	0.14	9E08053	EPA 8270E	05/09/19 17:50	jfi	
Tokuthion (Prothiofos) [34643-46-4]^	0.051	U	mg/kg dry	4	0.051	0.072	9E08053	EPA 8270E	05/09/19 17:50	jfi	QL-02
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>	
Tributyl Phosphate	0.072	4	0.0721	99 %	33-127	9E08053	EPA 8270E	05/09/19 17:50	jfi		
Triphenyl phosphate	0.038	4	0.0721	52 %	34-158	9E08053	EPA 8270E	05/09/19 17:50	jfi		

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8]^	0.0017	U	mg/kg dry	2	0.0017	0.0036	9E06021	EPA 8081B	05/07/19 12:47	JJB	
4,4'-DDE [72-55-9]^	0.0014	U	mg/kg dry	2	0.0014	0.0036	9E06021	EPA 8081B	05/07/19 12:47	JJB	
4,4'-DDT [50-29-3]^	0.0014	U	mg/kg dry	2	0.0014	0.0036	9E06021	EPA 8081B	05/07/19 12:47	JJB	
Aldrin [309-00-2]^	0.0011	U	mg/kg dry	2	0.0011	0.0036	9E06021	EPA 8081B	05/07/19 12:47	JJB	
alpha-BHC [319-84-6]^	0.0012	U	mg/kg dry	2	0.0012	0.0036	9E06021	EPA 8081B	05/07/19 12:47	JJB	
beta-BHC [319-85-7]^	0.0025	U	mg/kg dry	2	0.0025	0.0036	9E06021	EPA 8081B	05/07/19 12:47	JJB	
Chlordane (tech) [12789-03-6]^	2.6		mg/kg dry	10	0.076	0.35	9E06021	EPA 8081B	05/07/19 14:24	JJB	
Chlordane-alpha [5103-71-9]^	0.35		mg/kg dry	10	0.0070	0.018	9E06021	EPA 8081B	05/07/19 14:24	JJB	
Chlordane-gamma [5103-74-2]^	0.45		mg/kg dry	10	0.0082	0.018	9E06021	EPA 8081B	05/07/19 14:24	JJB	

ANALYTICAL RESULTS

Description: SS-3-0.5

Lab Sample ID: AC03344-05

Received: 05/02/19 08:00

Matrix: Soil

Sampled: 05/01/19 08:40

Work Order: AC03344

Project: Baypoint Gulf Course

Sampled By: Mitchell Collins

% Solids: 94.19

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
delta-BHC [319-86-8]^	0.0013	U	mg/kg dry	2	0.0013	0.0036	9E06021	EPA 8081B	05/07/19 12:47	JJB	
Dieldrin [60-57-1]^	0.036		mg/kg dry	2	0.00096	0.0036	9E06021	EPA 8081B	05/07/19 12:47	JJB	
Endosulfan I [959-98-8]^	0.00085	U	mg/kg dry	2	0.00085	0.0036	9E06021	EPA 8081B	05/07/19 12:47	JJB	
Endosulfan II [33213-65-9]^	0.0018	U	mg/kg dry	2	0.0018	0.0036	9E06021	EPA 8081B	05/07/19 12:47	JJB	
Endosulfan sulfate [1031-07-8]^	0.0013	U	mg/kg dry	2	0.0013	0.0036	9E06021	EPA 8081B	05/07/19 12:47	JJB	
Endrin [72-20-8]^	0.0016	U	mg/kg dry	2	0.0016	0.0036	9E06021	EPA 8081B	05/07/19 12:47	JJB	
Endrin aldehyde [7421-93-4]^	0.0030	U	mg/kg dry	2	0.0030	0.0036	9E06021	EPA 8081B	05/07/19 12:47	JJB	
Endrin ketone [53494-70-5]^	0.0013	U	mg/kg dry	2	0.0013	0.0036	9E06021	EPA 8081B	05/07/19 12:47	JJB	
gamma-BHC [58-89-9]^	0.0013	U	mg/kg dry	2	0.0013	0.0036	9E06021	EPA 8081B	05/07/19 12:47	JJB	
Heptachlor [76-44-8]^	0.0014	U	mg/kg dry	2	0.0014	0.0036	9E06021	EPA 8081B	05/07/19 12:47	JJB	
Heptachlor epoxide [1024-57-3]^	0.0016	U	mg/kg dry	2	0.0016	0.0036	9E06021	EPA 8081B	05/07/19 12:47	JJB	
Isodrin [465-73-6]^	0.0013	U	mg/kg dry	2	0.0013	0.0036	9E06021	EPA 8081B	05/07/19 12:47	JJB	
Methoxychlor [72-43-5]^	0.0020	U	mg/kg dry	2	0.0020	0.0036	9E06021	EPA 8081B	05/07/19 12:47	JJB	
Mirex [2385-85-5]^	0.0023	U	mg/kg dry	2	0.0023	0.0036	9E06021	EPA 8081B	05/07/19 12:47	JJB	
Toxaphene [8001-35-2]^	0.036	U	mg/kg dry	2	0.036	0.070	9E06021	EPA 8081B	05/07/19 12:47	JJB	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
2,4,5,6-TCMX	0.023	2	0.0349	66 %	20-137	9E06021	EPA 8081B	05/07/19 12:47	JJB	
Decachlorobiphenyl	0.026	2	0.0349	74 %	13-183	9E06021	EPA 8081B	05/07/19 12:47	JJB	

Chlorinated Herbicides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
2,4,5-T [93-76-5]^	0.0028	U	mg/kg dry	1	0.0028	0.011	9E03001	EPA 8151A	05/06/19 17:37	RGG	
2,4,5-TP (Silvex) [93-72-1]^	0.0050	U	mg/kg dry	1	0.0050	0.011	9E03001	EPA 8151A	05/06/19 17:37	RGG	
2,4-D [94-75-7]^	0.011	U	mg/kg dry	1	0.011	0.011	9E03001	EPA 8151A	05/06/19 17:37	RGG	
2,4-DB [94-82-6]^	0.010	U	mg/kg dry	1	0.010	0.011	9E03001	EPA 8151A	05/06/19 17:37	RGG	
3,5-DCBA [51-365-5]^	0.0051	U	mg/kg dry	1	0.0051	0.011	9E03001	EPA 8151A	05/06/19 17:37	RGG	
4-Nitrophenol [100-02-7]^	0.010	U	mg/kg dry	1	0.010	0.011	9E03001	EPA 8151A	05/06/19 17:37	RGG	
Acifluorfen [50594-66-6]^	0.0075	U	mg/kg dry	1	0.0075	0.011	9E03001	EPA 8151A	05/06/19 17:37	RGG	
Bentazon [25057-89-0]^	0.0048	U	mg/kg dry	1	0.0048	0.011	9E03001	EPA 8151A	05/06/19 17:37	RGG	
Chloramben [133-90-4]^	0.0041	U	mg/kg dry	1	0.0041	0.011	9E03001	EPA 8151A	05/06/19 17:37	RGG	QV-01
Dacthal [1861-32-1]^	0.0025	U	mg/kg dry	1	0.0025	0.011	9E03001	EPA 8151A	05/06/19 17:37	RGG	
Dalapon [75-99-0]^	0.0053	U	mg/kg dry	1	0.0053	0.011	9E03001	EPA 8151A	05/06/19 17:37	RGG	
Dicamba [1918-00-9]^	0.0045	U	mg/kg dry	1	0.0045	0.011	9E03001	EPA 8151A	05/06/19 17:37	RGG	
Dichlorprop [120-36-5]^	0.0036	U	mg/kg dry	1	0.0036	0.011	9E03001	EPA 8151A	05/06/19 17:37	RGG	
Dinoseb [88-85-7]^	0.0045	U	mg/kg dry	1	0.0045	0.011	9E03001	EPA 8151A	05/06/19 17:37	RGG	
MCPA [94-74-6]^	0.80	U	mg/kg dry	1	0.80	1.1	9E03001	EPA 8151A	05/06/19 17:37	RGG	
MCPP [7085-19-0]^	0.82	U	mg/kg dry	1	0.82	1.1	9E03001	EPA 8151A	05/06/19 17:37	RGG	
Pentachlorophenol [87-86-5]^	0.0027	U	mg/kg dry	1	0.0027	0.011	9E03001	EPA 8151A	05/06/19 17:37	RGG	
Picloram [1918-02-1]^	0.0028	U	mg/kg dry	1	0.0028	0.011	9E03001	EPA 8151A	05/06/19 17:37	RGG	QV-01

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
2,4-DCAA	0.027	1	0.0426	64 %	16-169	9E03001	EPA 8151A	05/06/19 17:37	RGG	



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ANALYTICAL RESULTS

Description: SS-3-0.5

Lab Sample ID: AC03344-05

Received: 05/02/19 08:00

Matrix: Soil

Sampled: 05/01/19 08:40

Work Order: AC03344

Project: Baypoint Gulf Course

Sampled By: Mitchell Collins

% Solids: 94.19

Metals by EPA 6000/7000 Series Methods

^ - ENCO Jacksonville certified analyte [NELAC E82277]

<u>Analyte [CAS Number]</u>	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
Arsenic [7440-38-2]^	6.99		mg/kg dry	1	0.783	0.870	9E07001	EPA 6010C	05/08/19 13:50	ACV	
Barium [7440-39-3]^	4.96		mg/kg dry	1	0.244	0.870	9E07001	EPA 6010C	05/08/19 13:50	ACV	

ANALYTICAL RESULTS

Description: SS-4-0.5

Lab Sample ID: AC03344-07

Received: 05/02/19 08:00

Matrix: Soil

Sampled: 05/01/19 08:50

Work Order: AC03344

Project: Baypoint Gulf Course

Sampled By: Mitchell Collins

% Solids: 93.27

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8]^	0.0017	U	mg/kg dry	2	0.0017	0.0036	9E06021	EPA 8081B	05/07/19 12:59	JJB	
4,4'-DDE [72-55-9]^	0.0014	U	mg/kg dry	2	0.0014	0.0036	9E06021	EPA 8081B	05/07/19 12:59	JJB	
4,4'-DDT [50-29-3]^	0.0014	U	mg/kg dry	2	0.0014	0.0036	9E06021	EPA 8081B	05/07/19 12:59	JJB	
Aldrin [309-00-2]^	0.0079		mg/kg dry	2	0.0011	0.0036	9E06021	EPA 8081B	05/07/19 12:59	JJB	
alpha-BHC [319-84-6]^	0.0012	U	mg/kg dry	2	0.0012	0.0036	9E06021	EPA 8081B	05/07/19 12:59	JJB	
beta-BHC [319-85-7]^	0.0026	U	mg/kg dry	2	0.0026	0.0036	9E06021	EPA 8081B	05/07/19 12:59	JJB	
Chlordane (tech) [12789-03-6]^	0.015	U	mg/kg dry	2	0.015	0.071	9E06021	EPA 8081B	05/07/19 12:59	JJB	
Chlordane-alpha [5103-71-9]^	0.0079		mg/kg dry	2	0.0014	0.0036	9E06021	EPA 8081B	05/07/19 12:59	JJB	
Chlordane-gamma [5103-74-2]^	0.0065		mg/kg dry	2	0.0017	0.0036	9E06021	EPA 8081B	05/07/19 12:59	JJB	
delta-BHC [319-86-8]^	0.0013	U	mg/kg dry	2	0.0013	0.0036	9E06021	EPA 8081B	05/07/19 12:59	JJB	
Dieldrin [60-57-1]^	0.082		mg/kg dry	2	0.00096	0.0036	9E06021	EPA 8081B	05/07/19 12:59	JJB	
Endosulfan I [959-98-8]^	0.00086	U	mg/kg dry	2	0.00086	0.0036	9E06021	EPA 8081B	05/07/19 12:59	JJB	
Endosulfan II [33213-65-9]^	0.0019	U	mg/kg dry	2	0.0019	0.0036	9E06021	EPA 8081B	05/07/19 12:59	JJB	
Endosulfan sulfate [1031-07-8]^	0.0013	U	mg/kg dry	2	0.0013	0.0036	9E06021	EPA 8081B	05/07/19 12:59	JJB	
Endrin [72-20-8]^	0.0016	U	mg/kg dry	2	0.0016	0.0036	9E06021	EPA 8081B	05/07/19 12:59	JJB	
Endrin aldehyde [7421-93-4]^	0.0030	U	mg/kg dry	2	0.0030	0.0036	9E06021	EPA 8081B	05/07/19 12:59	JJB	
Endrin ketone [53494-70-5]^	0.0013	U	mg/kg dry	2	0.0013	0.0036	9E06021	EPA 8081B	05/07/19 12:59	JJB	
gamma-BHC [58-89-9]^	0.0013	U	mg/kg dry	2	0.0013	0.0036	9E06021	EPA 8081B	05/07/19 12:59	JJB	
Heptachlor [76-44-8]^	0.0014	U	mg/kg dry	2	0.0014	0.0036	9E06021	EPA 8081B	05/07/19 12:59	JJB	
Heptachlor epoxide [1024-57-3]^	0.0016	U	mg/kg dry	2	0.0016	0.0036	9E06021	EPA 8081B	05/07/19 12:59	JJB	
Isodrin [465-73-6]^	0.0013	U	mg/kg dry	2	0.0013	0.0036	9E06021	EPA 8081B	05/07/19 12:59	JJB	
Methoxychlor [72-43-5]^	0.0020	U	mg/kg dry	2	0.0020	0.0036	9E06021	EPA 8081B	05/07/19 12:59	JJB	
Mirex [2385-85-5]^	0.0024	U	mg/kg dry	2	0.0024	0.0036	9E06021	EPA 8081B	05/07/19 12:59	JJB	
Toxaphene [8001-35-2]^	0.036	U	mg/kg dry	2	0.036	0.071	9E06021	EPA 8081B	05/07/19 12:59	JJB	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
2,4,5,6-TCMX	0.017	2	0.0361	48 %	20-137	9E06021	EPA 8081B	05/07/19 12:59	JJB	
Decachlorobiphenyl	0.022	2	0.0361	62 %	13-183	9E06021	EPA 8081B	05/07/19 12:59	JJB	

Chlorinated Herbicides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
2,4,5-T [93-76-5]^	0.0028	U	mg/kg dry	1	0.0028	0.011	9E03001	EPA 8151A	05/06/19 18:03	RGG	
2,4,5-TP (Silvex) [93-72-1]^	0.0050	U	mg/kg dry	1	0.0050	0.011	9E03001	EPA 8151A	05/06/19 18:03	RGG	
2,4-D [94-75-7]^	0.011	U	mg/kg dry	1	0.011	0.011	9E03001	EPA 8151A	05/06/19 18:03	RGG	
2,4-DB [94-82-6]^	0.011	U	mg/kg dry	1	0.011	0.011	9E03001	EPA 8151A	05/06/19 18:03	RGG	
3,5-DCBA [51-365-5]^	0.0051	U	mg/kg dry	1	0.0051	0.011	9E03001	EPA 8151A	05/06/19 18:03	RGG	
4-Nitrophenol [100-02-7]^	0.010	U	mg/kg dry	1	0.010	0.011	9E03001	EPA 8151A	05/06/19 18:03	RGG	
Acifluorfen [50594-66-6]^	0.0076	U	mg/kg dry	1	0.0076	0.011	9E03001	EPA 8151A	05/06/19 18:03	RGG	
Bentazon [25057-89-0]^	0.0048	U	mg/kg dry	1	0.0048	0.011	9E03001	EPA 8151A	05/06/19 18:03	RGG	
Chloramben [133-90-4]^	0.0042	U	mg/kg dry	1	0.0042	0.011	9E03001	EPA 8151A	05/06/19 18:03	RGG	QV-01
Dacthal [1861-32-1]^	0.0026	U	mg/kg dry	1	0.0026	0.011	9E03001	EPA 8151A	05/06/19 18:03	RGG	
Dalapon [75-99-0]^	0.0054	U	mg/kg dry	1	0.0054	0.011	9E03001	EPA 8151A	05/06/19 18:03	RGG	
Dicamba [1918-00-9]^	0.0045	U	mg/kg dry	1	0.0045	0.011	9E03001	EPA 8151A	05/06/19 18:03	RGG	
Dichlorprop [120-36-5]^	0.0036	U	mg/kg dry	1	0.0036	0.011	9E03001	EPA 8151A	05/06/19 18:03	RGG	
Dinoseb [88-85-7]^	0.0045	U	mg/kg dry	1	0.0045	0.011	9E03001	EPA 8151A	05/06/19 18:03	RGG	
MCPA [94-74-6]^	0.80	U	mg/kg dry	1	0.80	1.1	9E03001	EPA 8151A	05/06/19 18:03	RGG	
MCPP [7085-19-0]^	0.83	U	mg/kg dry	1	0.83	1.1	9E03001	EPA 8151A	05/06/19 18:03	RGG	

ANALYTICAL RESULTS

Description: SS-4-0.5

Lab Sample ID: AC03344-07

Received: 05/02/19 08:00

Matrix: Soil

Sampled: 05/01/19 08:50

Work Order: AC03344

Project: Baypoint Gulf Course

Sampled By: Mitchell Collins

% Solids: 93.27

Chlorinated Herbicides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

<u>Analyte [CAS Number]</u>	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
Pentachlorophenol [87-86-5]^	0.0027	U	mg/kg dry	1	0.0027	0.011	9E03001	EPA 8151A	05/06/19 18:03	RGG	
Picloram [1918-02-1]^	0.0028	U	mg/kg dry	1	0.0028	0.011	9E03001	EPA 8151A	05/06/19 18:03	RGG	QV-01

<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
2,4-DCAA	0.031	1	0.0430	73 %	16-169	9E03001	EPA 8151A	05/06/19 18:03	RGG	

Metals by EPA 6000/7000 Series Methods

^ - ENCO Jacksonville certified analyte [NELAC E82277]

<u>Analyte [CAS Number]</u>	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
Arsenic [7440-38-2]^	4.68		mg/kg dry	1	0.680	0.755	9E08001	EPA 6010C	05/09/19 11:59	ACV	
Barium [7440-39-3]^	18.3		mg/kg dry	1	0.211	0.755	9E08001	EPA 6010C	05/09/19 11:59	ACV	

ANALYTICAL RESULTS

Description: SS-5-0.5

Lab Sample ID: AC03344-09

Received: 05/02/19 08:00

Matrix: Soil

Sampled: 05/01/19 09:03

Work Order: AC03344

Project: Baypoint Gulf Course

Sampled By: Mitchell Collins

% Solids: 95.17

Semivolatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Azinphos-methyl [86-50-0]^	0.059	U	mg/kg dry	4	0.059	0.071	9E03006	EPA 8270E	05/09/19 08:22	jfi	QV-01
Bolstar [35400-43-2]^	0.063	U	mg/kg dry	4	0.063	0.071	9E03006	EPA 8270E	05/09/19 08:22	jfi	
Chlorpyrifos [2921-88-2]^	0.042	U	mg/kg dry	4	0.042	0.071	9E03006	EPA 8270E	05/09/19 08:22	jfi	
Coumaphos [56-72-4]^	0.055	U	mg/kg dry	4	0.055	0.071	9E03006	EPA 8270E	05/09/19 08:22	jfi	
Demeton [8065-48-3]^	0.046	U	mg/kg dry	4	0.046	0.071	9E03006	EPA 8270E	05/09/19 08:22	jfi	QV-01
Diazinon [333-41-5]^	0.046	U	mg/kg dry	4	0.046	0.071	9E03006	EPA 8270E	05/09/19 08:22	jfi	
Dichlorofenthion [97-17-6]^	0.037	U	mg/kg dry	4	0.037	0.071	9E03006	EPA 8270E	05/09/19 08:22	jfi	
Dichlorvos [62-73-7]^	0.059	U	mg/kg dry	4	0.059	0.071	9E03006	EPA 8270E	05/09/19 08:22	jfi	
Dimethoate [60-51-5]^	0.046	U	mg/kg dry	4	0.046	0.071	9E03006	EPA 8270E	05/09/19 08:22	jfi	QV-01
Disulfoton [298-04-4]^	0.046	U	mg/kg dry	4	0.046	0.071	9E03006	EPA 8270E	05/09/19 08:22	jfi	
EPN [2104-64-5]^	0.038	U	mg/kg dry	4	0.038	0.071	9E03006	EPA 8270E	05/09/19 08:22	jfi	QV-01
Ethion [563-12-2]^	0.046	U	mg/kg dry	4	0.046	0.071	9E03006	EPA 8270E	05/09/19 08:22	jfi	
Ethoprop [13194-48-4]^	0.042	U	mg/kg dry	4	0.042	0.071	9E03006	EPA 8270E	05/09/19 08:22	jfi	
Ethyl Parathion [56-38-2]^	0.042	U	mg/kg dry	4	0.042	0.071	9E03006	EPA 8270E	05/09/19 08:22	jfi	QV-01
Fensulfthion [115-90-2]^	0.033	U	mg/kg dry	4	0.033	0.071	9E03006	EPA 8270E	05/09/19 08:22	jfi	
Fenthion [55-38-9]^	0.042	U	mg/kg dry	4	0.042	0.071	9E03006	EPA 8270E	05/09/19 08:22	jfi	
Malathion [121-75-5]^	0.046	U	mg/kg dry	4	0.046	0.071	9E03006	EPA 8270E	05/09/19 08:22	jfi	
Merphos [150-50-5]^	0.050	U	mg/kg dry	4	0.050	0.071	9E03006	EPA 8270E	05/09/19 08:22	jfi	
Methyl parathion [298-00-0]^	0.046	U	mg/kg dry	4	0.046	0.071	9E03006	EPA 8270E	05/09/19 08:22	jfi	
Mevinphos [7786-34-7]^	0.046	U	mg/kg dry	4	0.046	0.071	9E03006	EPA 8270E	05/09/19 08:22	jfi	QV-01
Monocrotophos [6923-22-4]^	0.067	U	mg/kg dry	4	0.067	0.071	9E03006	EPA 8270E	05/09/19 08:22	jfi	QV-01
Naled [300-76-5]^	0.013	U	mg/kg dry	4	0.013	0.14	9E03006	EPA 8270E	05/09/19 08:22	jfi	
Phorate [298-02-2]^	0.042	U	mg/kg dry	4	0.042	0.071	9E03006	EPA 8270E	05/09/19 08:22	jfi	
Ronnel [299-84-3]^	0.042	U	mg/kg dry	4	0.042	0.071	9E03006	EPA 8270E	05/09/19 08:22	jfi	
Stirophos (Tetrachlorvinphos) [22248-79-9]^	0.050	U	mg/kg dry	4	0.050	0.071	9E03006	EPA 8270E	05/09/19 08:22	jfi	
Sulfotep [3689-24-5]^	0.034	U	mg/kg dry	4	0.034	0.071	9E03006	EPA 8270E	05/09/19 08:22	jfi	
TEPP [107-49-3]^	0.029	U	mg/kg dry	4	0.029	0.14	9E03006	EPA 8270E	05/09/19 08:22	jfi	
Tokuthion (Prothiofos) [34643-46-4]^	0.050	U	mg/kg dry	4	0.050	0.071	9E03006	EPA 8270E	05/09/19 08:22	jfi	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
Tributyl Phosphate	0.063	4	0.0704	90 %	33-127	9E03006	EPA 8270E	05/09/19 08:22	jfi	
Triphenyl phosphate	0.038	4	0.0704	55 %	34-158	9E03006	EPA 8270E	05/09/19 08:22	jfi	

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8]^	0.0017	U	mg/kg dry	2	0.0017	0.0036	9E06021	EPA 8081B	05/07/19 13:11	JJB	
4,4'-DDE [72-55-9]^	0.0014	U	mg/kg dry	2	0.0014	0.0036	9E06021	EPA 8081B	05/07/19 13:11	JJB	
4,4'-DDT [50-29-3]^	0.0014	U	mg/kg dry	2	0.0014	0.0036	9E06021	EPA 8081B	05/07/19 13:11	JJB	
Aldrin [309-00-2]^	0.042		mg/kg dry	2	0.0011	0.0036	9E06021	EPA 8081B	05/07/19 13:11	JJB	
alpha-BHC [319-84-6]^	0.0012	U	mg/kg dry	2	0.0012	0.0036	9E06021	EPA 8081B	05/07/19 13:11	JJB	
beta-BHC [319-85-7]^	0.0025	U	mg/kg dry	2	0.0025	0.0036	9E06021	EPA 8081B	05/07/19 13:11	JJB	
Chlordane (tech) [12789-03-6]^	10		mg/kg dry	50	0.38	1.7	9E06021	EPA 8081B	05/07/19 14:36	JJB	
Chlordane-alpha [5103-71-9]^	1.9		mg/kg dry	50	0.035	0.089	9E06021	EPA 8081B	05/07/19 14:36	JJB	
Chlordane-gamma [5103-74-2]^	2.2		mg/kg dry	50	0.040	0.089	9E06021	EPA 8081B	05/07/19 14:36	JJB	
delta-BHC [319-86-8]^	0.0013	U	mg/kg dry	2	0.0013	0.0036	9E06021	EPA 8081B	05/07/19 13:11	JJB	
Dieldrin [60-57-1]^	0.39		mg/kg dry	50	0.024	0.089	9E06021	EPA 8081B	05/07/19 14:36	JJB	

ANALYTICAL RESULTS

Description: SS-5-0.5

Lab Sample ID: AC03344-09

Received: 05/02/19 08:00

Matrix: Soil

Sampled: 05/01/19 09:03

Work Order: AC03344

Project: Baypoint Gulf Course

Sampled By: Mitchell Collins

% Solids: 95.17

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Endosulfan I [959-98-8]^	0.00084	U	mg/kg dry	2	0.00084	0.0036	9E06021	EPA 8081B	05/07/19 13:11	JJB	
Endosulfan II [33213-65-9]^	0.0018	U	mg/kg dry	2	0.0018	0.0036	9E06021	EPA 8081B	05/07/19 13:11	JJB	
Endosulfan sulfate [1031-07-8]^	0.0013	U	mg/kg dry	2	0.0013	0.0036	9E06021	EPA 8081B	05/07/19 13:11	JJB	
Endrin [72-20-8]^	0.0016	U	mg/kg dry	2	0.0016	0.0036	9E06021	EPA 8081B	05/07/19 13:11	JJB	
Endrin aldehyde [7421-93-4]^	0.0029	U	mg/kg dry	2	0.0029	0.0036	9E06021	EPA 8081B	05/07/19 13:11	JJB	
Endrin ketone [53494-70-5]^	0.0013	U	mg/kg dry	2	0.0013	0.0036	9E06021	EPA 8081B	05/07/19 13:11	JJB	
gamma-BHC [58-89-9]^	0.0013	U	mg/kg dry	2	0.0013	0.0036	9E06021	EPA 8081B	05/07/19 13:11	JJB	
Heptachlor [76-44-8]^	0.0014	U	mg/kg dry	2	0.0014	0.0036	9E06021	EPA 8081B	05/07/19 13:11	JJB	
Heptachlor epoxide [1024-57-3]^	0.0016	U	mg/kg dry	2	0.0016	0.0036	9E06021	EPA 8081B	05/07/19 13:11	JJB	
Isodrin [465-73-6]^	0.0013	U	mg/kg dry	2	0.0013	0.0036	9E06021	EPA 8081B	05/07/19 13:11	JJB	
Methoxychlor [72-43-5]^	0.0020	U	mg/kg dry	2	0.0020	0.0036	9E06021	EPA 8081B	05/07/19 13:11	JJB	
Mirex [2385-85-5]^	0.0023	U	mg/kg dry	2	0.0023	0.0036	9E06021	EPA 8081B	05/07/19 13:11	JJB	
Toxaphene [8001-35-2]^	0.036	U	mg/kg dry	2	0.036	0.069	9E06021	EPA 8081B	05/07/19 13:11	JJB	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
2,4,5,6-TCMX	0.030	2	0.0351	86 %	20-137	9E06021	EPA 8081B	05/07/19 13:11	JJB	
Decachlorobiphenyl	0.030	2	0.0351	86 %	13-183	9E06021	EPA 8081B	05/07/19 13:11	JJB	

Chlorinated Herbicides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
2,4,5-T [93-76-5]^	0.0027	U	mg/kg dry	1	0.0027	0.011	9E03001	EPA 8151A	05/06/19 18:28	RGG	
2,4,5-TP (Silvex) [93-72-1]^	0.0049	U	mg/kg dry	1	0.0049	0.011	9E03001	EPA 8151A	05/06/19 18:28	RGG	
2,4-D [94-75-7]^	0.010	U	mg/kg dry	1	0.010	0.011	9E03001	EPA 8151A	05/06/19 18:28	RGG	
2,4-DB [94-82-6]^	0.010	U	mg/kg dry	1	0.010	0.011	9E03001	EPA 8151A	05/06/19 18:28	RGG	
3,5-DCBA [51-365-5]^	0.0050	U	mg/kg dry	1	0.0050	0.011	9E03001	EPA 8151A	05/06/19 18:28	RGG	
4-Nitrophenol [100-02-7]^	0.010	U	mg/kg dry	1	0.010	0.011	9E03001	EPA 8151A	05/06/19 18:28	RGG	
Acifluorfen [50594-66-6]^	0.0075	U	mg/kg dry	1	0.0075	0.011	9E03001	EPA 8151A	05/06/19 18:28	RGG	
Bentazon [25057-89-0]^	0.0047	U	mg/kg dry	1	0.0047	0.011	9E03001	EPA 8151A	05/06/19 18:28	RGG	
Chloramben [133-90-4]^	0.0041	U	mg/kg dry	1	0.0041	0.011	9E03001	EPA 8151A	05/06/19 18:28	RGG	QV-01
Dacthal [1861-32-1]^	0.0025	U	mg/kg dry	1	0.0025	0.011	9E03001	EPA 8151A	05/06/19 18:28	RGG	
Dalapon [75-99-0]^	0.0053	U	mg/kg dry	1	0.0053	0.011	9E03001	EPA 8151A	05/06/19 18:28	RGG	
Dicamba [1918-00-9]^	0.0044	U	mg/kg dry	1	0.0044	0.011	9E03001	EPA 8151A	05/06/19 18:28	RGG	
Dichlorprop [120-36-5]^	0.0036	U	mg/kg dry	1	0.0036	0.011	9E03001	EPA 8151A	05/06/19 18:28	RGG	
Dinoseb [88-85-7]^	0.0044	U	mg/kg dry	1	0.0044	0.011	9E03001	EPA 8151A	05/06/19 18:28	RGG	
MCPA [94-74-6]^	0.79	U	mg/kg dry	1	0.79	1.1	9E03001	EPA 8151A	05/06/19 18:28	RGG	
MCPP [7085-19-0]^	0.81	U	mg/kg dry	1	0.81	1.1	9E03001	EPA 8151A	05/06/19 18:28	RGG	
Pentachlorophenol [87-86-5]^	0.0026	U	mg/kg dry	1	0.0026	0.011	9E03001	EPA 8151A	05/06/19 18:28	RGG	
Picloram [1918-02-1]^	0.0027	U	mg/kg dry	1	0.0027	0.011	9E03001	EPA 8151A	05/06/19 18:28	RGG	QV-01

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
2,4-DCAA	0.030	1	0.0422	70 %	16-169	9E03001	EPA 8151A	05/06/19 18:28	RGG	



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ANALYTICAL RESULTS

Description: SS-5-0.5

Lab Sample ID: AC03344-09

Received: 05/02/19 08:00

Matrix: Soil

Sampled: 05/01/19 09:03

Work Order: AC03344

Project: Baypoint Gulf Course

Sampled By: Mitchell Collins

% Solids: 95.17

Metals by EPA 6000/7000 Series Methods

^ - ENCO Jacksonville certified analyte [NELAC E82277]

<u>Analyte [CAS Number]</u>	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
Arsenic [7440-38-2]^	9.90		mg/kg dry	1	0.614	0.682	9E08001	EPA 6010C	05/09/19 12:01	ACV	
Barium [7440-39-3]^	7.17		mg/kg dry	1	0.191	0.682	9E08001	EPA 6010C	05/09/19 12:01	ACV	

ANALYTICAL RESULTS

Description: SS-6-0.5

Lab Sample ID: AC03344-11

Received: 05/02/19 08:00

Matrix: Soil

Sampled: 05/01/19 09:15

Work Order: AC03344

Project: Baypoint Gulf Course

Sampled By: Mitchell Collins

% Solids: 73.40

Semivolatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Azinphos-methyl [86-50-0]^	0.076	U	mg/kg dry	4	0.076	0.093	9E03006	EPA 8270E	05/09/19 08:55	jfi	QV-01
Bolstar [35400-43-2]^	0.082	U	mg/kg dry	4	0.082	0.093	9E03006	EPA 8270E	05/09/19 08:55	jfi	
Chlorpyrifos [2921-88-2]^	0.054	U	mg/kg dry	4	0.054	0.093	9E03006	EPA 8270E	05/09/19 08:55	jfi	
Coumaphos [56-72-4]^	0.071	U	mg/kg dry	4	0.071	0.093	9E03006	EPA 8270E	05/09/19 08:55	jfi	
Demeton [8065-48-3]^	0.060	U	mg/kg dry	4	0.060	0.093	9E03006	EPA 8270E	05/09/19 08:55	jfi	QV-01
Diazinon [333-41-5]^	0.060	U	mg/kg dry	4	0.060	0.093	9E03006	EPA 8270E	05/09/19 08:55	jfi	
Dichlorofenthion [97-17-6]^	0.048	U	mg/kg dry	4	0.048	0.093	9E03006	EPA 8270E	05/09/19 08:55	jfi	
Dichlorvos [62-73-7]^	0.076	U	mg/kg dry	4	0.076	0.093	9E03006	EPA 8270E	05/09/19 08:55	jfi	
Dimethoate [60-51-5]^	0.060	U	mg/kg dry	4	0.060	0.093	9E03006	EPA 8270E	05/09/19 08:55	jfi	QV-01
Disulfoton [298-04-4]^	0.060	U	mg/kg dry	4	0.060	0.093	9E03006	EPA 8270E	05/09/19 08:55	jfi	
EPN [2104-64-5]^	0.050	U	mg/kg dry	4	0.050	0.093	9E03006	EPA 8270E	05/09/19 08:55	jfi	QV-01
Ethion [563-12-2]^	0.060	U	mg/kg dry	4	0.060	0.093	9E03006	EPA 8270E	05/09/19 08:55	jfi	
Ethoprop [13194-48-4]^	0.054	U	mg/kg dry	4	0.054	0.093	9E03006	EPA 8270E	05/09/19 08:55	jfi	
Ethyl Parathion [56-38-2]^	0.054	U	mg/kg dry	4	0.054	0.093	9E03006	EPA 8270E	05/09/19 08:55	jfi	QV-01
Fensulfothion [115-90-2]^	0.043	U	mg/kg dry	4	0.043	0.093	9E03006	EPA 8270E	05/09/19 08:55	jfi	
Fenthion [55-38-9]^	0.054	U	mg/kg dry	4	0.054	0.093	9E03006	EPA 8270E	05/09/19 08:55	jfi	
Malathion [121-75-5]^	0.060	U	mg/kg dry	4	0.060	0.093	9E03006	EPA 8270E	05/09/19 08:55	jfi	
Merphos [150-50-5]^	0.065	U	mg/kg dry	4	0.065	0.093	9E03006	EPA 8270E	05/09/19 08:55	jfi	
Methyl parathion [298-00-0]^	0.060	U	mg/kg dry	4	0.060	0.093	9E03006	EPA 8270E	05/09/19 08:55	jfi	
Mevinphos [7786-34-7]^	0.060	U	mg/kg dry	4	0.060	0.093	9E03006	EPA 8270E	05/09/19 08:55	jfi	QV-01
Monocrotophos [6923-22-4]^	0.087	U	mg/kg dry	4	0.087	0.093	9E03006	EPA 8270E	05/09/19 08:55	jfi	QV-01
Naled [300-76-5]^	0.017	U	mg/kg dry	4	0.017	0.18	9E03006	EPA 8270E	05/09/19 08:55	jfi	
Phorate [298-02-2]^	0.054	U	mg/kg dry	4	0.054	0.093	9E03006	EPA 8270E	05/09/19 08:55	jfi	
Ronnel [299-84-3]^	0.054	U	mg/kg dry	4	0.054	0.093	9E03006	EPA 8270E	05/09/19 08:55	jfi	
Stirophos (Tetrachlorvinphos) [22248-79-9]^	0.065	U	mg/kg dry	4	0.065	0.093	9E03006	EPA 8270E	05/09/19 08:55	jfi	
Sulfotep [3689-24-5]^	0.044	U	mg/kg dry	4	0.044	0.093	9E03006	EPA 8270E	05/09/19 08:55	jfi	
TEPP [107-49-3]^	0.038	U	mg/kg dry	4	0.038	0.18	9E03006	EPA 8270E	05/09/19 08:55	jfi	
Tokuthion (Prothiofos) [34643-46-4]^	0.065	U	mg/kg dry	4	0.065	0.093	9E03006	EPA 8270E	05/09/19 08:55	jfi	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
Tributyl Phosphate	0.082	4	0.0907	91 %	33-127	9E03006	EPA 8270E	05/09/19 08:55	jfi	
Triphenyl phosphate	0.053	4	0.0907	59 %	34-158	9E03006	EPA 8270E	05/09/19 08:55	jfi	

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8]^	0.0022	U	mg/kg dry	2	0.0022	0.0046	9E06021	EPA 8081B	05/07/19 13:23	JJB	
4,4'-DDE [72-55-9]^	0.0018	U	mg/kg dry	2	0.0018	0.0046	9E06021	EPA 8081B	05/07/19 13:23	JJB	
4,4'-DDT [50-29-3]^	0.0018	U	mg/kg dry	2	0.0018	0.0046	9E06021	EPA 8081B	05/07/19 13:23	JJB	
Aldrin [309-00-2]^	0.038		mg/kg dry	2	0.0014	0.0046	9E06021	EPA 8081B	05/07/19 13:23	JJB	
alpha-BHC [319-84-6]^	0.0015	U	mg/kg dry	2	0.0015	0.0046	9E06021	EPA 8081B	05/07/19 13:23	JJB	
beta-BHC [319-85-7]^	0.0033	U	mg/kg dry	2	0.0033	0.0046	9E06021	EPA 8081B	05/07/19 13:23	JJB	
Chlordane (tech) [12789-03-6]^	0.020	U	mg/kg dry	2	0.020	0.090	9E06021	EPA 8081B	05/07/19 13:23	JJB	
Chlordane-alpha [5103-71-9]^	0.16		mg/kg dry	2	0.0018	0.0046	9E06021	EPA 8081B	05/07/19 13:23	JJB	
Chlordane-gamma [5103-74-2]^	0.093		mg/kg dry	2	0.0021	0.0046	9E06021	EPA 8081B	05/07/19 13:23	JJB	
delta-BHC [319-86-8]^	0.0017	U	mg/kg dry	2	0.0017	0.0046	9E06021	EPA 8081B	05/07/19 13:23	JJB	
Dieldrin [60-57-1]^	1.1		mg/kg dry	20	0.012	0.046	9E06021	EPA 8081B	05/07/19 14:48	JJB	

ANALYTICAL RESULTS

Description: SS-6-0.5

Lab Sample ID: AC03344-11

Received: 05/02/19 08:00

Matrix: Soil

Sampled: 05/01/19 09:15

Work Order: AC03344

Project: Baypoint Gulf Course

Sampled By: Mitchell Collins

% Solids: 73.40

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Endosulfan I [959-98-8]^	0.0011	U	mg/kg dry	2	0.0011	0.0046	9E06021	EPA 8081B	05/07/19 13:23	JJB	
Endosulfan II [33213-65-9]^	0.0024	U	mg/kg dry	2	0.0024	0.0046	9E06021	EPA 8081B	05/07/19 13:23	JJB	
Endosulfan sulfate [1031-07-8]^	0.0016	U	mg/kg dry	2	0.0016	0.0046	9E06021	EPA 8081B	05/07/19 13:23	JJB	
Endrin [72-20-8]^	0.0020	U	mg/kg dry	2	0.0020	0.0046	9E06021	EPA 8081B	05/07/19 13:23	JJB	
Endrin aldehyde [7421-93-4]^	0.0038	U	mg/kg dry	2	0.0038	0.0046	9E06021	EPA 8081B	05/07/19 13:23	JJB	
Endrin ketone [53494-70-5]^	0.0016	U	mg/kg dry	2	0.0016	0.0046	9E06021	EPA 8081B	05/07/19 13:23	JJB	
gamma-BHC [58-89-9]^	0.0016	U	mg/kg dry	2	0.0016	0.0046	9E06021	EPA 8081B	05/07/19 13:23	JJB	
Heptachlor [76-44-8]^	0.0018	U	mg/kg dry	2	0.0018	0.0046	9E06021	EPA 8081B	05/07/19 13:23	JJB	
Heptachlor epoxide [1024-57-3]^	0.0020	U	mg/kg dry	2	0.0020	0.0046	9E06021	EPA 8081B	05/07/19 13:23	JJB	
Isodrin [465-73-6]^	0.0017	U	mg/kg dry	2	0.0017	0.0046	9E06021	EPA 8081B	05/07/19 13:23	JJB	
Methoxychlor [72-43-5]^	0.0026	U	mg/kg dry	2	0.0026	0.0046	9E06021	EPA 8081B	05/07/19 13:23	JJB	
Mirex [2385-85-5]^	0.0030	U	mg/kg dry	2	0.0030	0.0046	9E06021	EPA 8081B	05/07/19 13:23	JJB	
Toxaphene [8001-35-2]^	0.046	U	mg/kg dry	2	0.046	0.090	9E06021	EPA 8081B	05/07/19 13:23	JJB	
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>	
2,4,5,6-TCMX	0.023	2	0.0451	50 %	20-137	9E06021	EPA 8081B	05/07/19 13:23	JJB		
Decachlorobiphenyl	0.030	2	0.0451	66 %	13-183	9E06021	EPA 8081B	05/07/19 13:23	JJB		

Chlorinated Herbicides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
2,4,5-T [93-76-5]^	0.0035	U	mg/kg dry	1	0.0035	0.014	9E03001	EPA 8151A	05/06/19 18:53	RGG	
2,4,5-TP (Silvex) [93-72-1]^	0.0064	U	mg/kg dry	1	0.0064	0.014	9E03001	EPA 8151A	05/06/19 18:53	RGG	
2,4-D [94-75-7]^	0.013	U	mg/kg dry	1	0.013	0.014	9E03001	EPA 8151A	05/06/19 18:53	RGG	
2,4-DB [94-82-6]^	0.013	U	mg/kg dry	1	0.013	0.014	9E03001	EPA 8151A	05/06/19 18:53	RGG	
3,5-DCBA [51-365-5]^	0.0065	U	mg/kg dry	1	0.0065	0.014	9E03001	EPA 8151A	05/06/19 18:53	RGG	
4-Nitrophenol [100-02-7]^	0.013	U	mg/kg dry	1	0.013	0.014	9E03001	EPA 8151A	05/06/19 18:53	RGG	
Acifluorfen [50594-66-6]^	0.0097	U	mg/kg dry	1	0.0097	0.014	9E03001	EPA 8151A	05/06/19 18:53	RGG	
Bentazon [25057-89-0]^	0.0061	U	mg/kg dry	1	0.0061	0.014	9E03001	EPA 8151A	05/06/19 18:53	RGG	
Chloramben [133-90-4]^	0.0053	U	mg/kg dry	1	0.0053	0.014	9E03001	EPA 8151A	05/06/19 18:53	RGG	QV-01
Dacthal [1861-32-1]^	0.0033	U	mg/kg dry	1	0.0033	0.014	9E03001	EPA 8151A	05/06/19 18:53	RGG	
Dalapon [75-99-0]^	0.0068	U	mg/kg dry	1	0.0068	0.014	9E03001	EPA 8151A	05/06/19 18:53	RGG	
Dicamba [1918-00-9]^	0.0057	U	mg/kg dry	1	0.0057	0.014	9E03001	EPA 8151A	05/06/19 18:53	RGG	
Dichlorprop [120-36-5]^	0.0046	U	mg/kg dry	1	0.0046	0.014	9E03001	EPA 8151A	05/06/19 18:53	RGG	
Dinoseb [88-85-7]^	0.0057	U	mg/kg dry	1	0.0057	0.014	9E03001	EPA 8151A	05/06/19 18:53	RGG	
MCPA [94-74-6]^	1.0	U	mg/kg dry	1	1.0	1.4	9E03001	EPA 8151A	05/06/19 18:53	RGG	
MCPP [7085-19-0]^	1.0	U	mg/kg dry	1	1.0	1.4	9E03001	EPA 8151A	05/06/19 18:53	RGG	
Pentachlorophenol [87-86-5]^	0.0034	U	mg/kg dry	1	0.0034	0.014	9E03001	EPA 8151A	05/06/19 18:53	RGG	
Picloram [1918-02-1]^	0.0035	U	mg/kg dry	1	0.0035	0.014	9E03001	EPA 8151A	05/06/19 18:53	RGG	QV-01
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>	
2,4-DCAA	0.033	1	0.0545	60 %	16-169	9E03001	EPA 8151A	05/06/19 18:53	RGG		



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ANALYTICAL RESULTS

Description: SS-6-0.5

Lab Sample ID: AC03344-11

Received: 05/02/19 08:00

Matrix: Soil

Sampled: 05/01/19 09:15

Work Order: AC03344

Project: Baypoint Gulf Course

Sampled By: Mitchell Collins

% Solids: 73.40

Metals by EPA 6000/7000 Series Methods

^ - ENCO Jacksonville certified analyte [NELAC E82277]

<u>Analyte [CAS Number]</u>	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
Arsenic [7440-38-2]^	20.2		mg/kg dry	1	0.807	0.896	9E08001	EPA 6010C	05/09/19 12:03	ACV	
Barium [7440-39-3]^	27.8		mg/kg dry	1	0.251	0.896	9E08001	EPA 6010C	05/09/19 12:03	ACV	

ANALYTICAL RESULTS

Description: SS-7-0.5

Lab Sample ID: AC03344-13

Received: 05/02/19 08:00

Matrix: Soil

Sampled: 05/01/19 09:35

Work Order: AC03344

Project: Baypoint Gulf Course

Sampled By: Mitchell Collins

% Solids: 96.25

Semivolatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Azinphos-methyl [86-50-0]^	0.058	U	mg/kg dry	4	0.058	0.071	9E03006	EPA 8270E	05/09/19 09:29	jfi	QV-01
Bolstar [35400-43-2]^	0.062	U	mg/kg dry	4	0.062	0.071	9E03006	EPA 8270E	05/09/19 09:29	jfi	
Chlorpyrifos [2921-88-2]^	0.042	U	mg/kg dry	4	0.042	0.071	9E03006	EPA 8270E	05/09/19 09:29	jfi	
Coumaphos [56-72-4]^	0.054	U	mg/kg dry	4	0.054	0.071	9E03006	EPA 8270E	05/09/19 09:29	jfi	
Demeton [8065-48-3]^	0.046	U	mg/kg dry	4	0.046	0.071	9E03006	EPA 8270E	05/09/19 09:29	jfi	QV-01
Diazinon [333-41-5]^	0.046	U	mg/kg dry	4	0.046	0.071	9E03006	EPA 8270E	05/09/19 09:29	jfi	
Dichlorofenthion [97-17-6]^	0.037	U	mg/kg dry	4	0.037	0.071	9E03006	EPA 8270E	05/09/19 09:29	jfi	
Dichlorvos [62-73-7]^	0.058	U	mg/kg dry	4	0.058	0.071	9E03006	EPA 8270E	05/09/19 09:29	jfi	
Dimethoate [60-51-5]^	0.046	U	mg/kg dry	4	0.046	0.071	9E03006	EPA 8270E	05/09/19 09:29	jfi	QV-01
Disulfoton [298-04-4]^	0.046	U	mg/kg dry	4	0.046	0.071	9E03006	EPA 8270E	05/09/19 09:29	jfi	
EPN [2104-64-5]^	0.038	U	mg/kg dry	4	0.038	0.071	9E03006	EPA 8270E	05/09/19 09:29	jfi	QV-01
Ethion [563-12-2]^	0.046	U	mg/kg dry	4	0.046	0.071	9E03006	EPA 8270E	05/09/19 09:29	jfi	
Ethoprop [13194-48-4]^	0.042	U	mg/kg dry	4	0.042	0.071	9E03006	EPA 8270E	05/09/19 09:29	jfi	
Ethyl Parathion [56-38-2]^	0.041	U	mg/kg dry	4	0.041	0.071	9E03006	EPA 8270E	05/09/19 09:29	jfi	QV-01
Fensulfthion [115-90-2]^	0.033	U	mg/kg dry	4	0.033	0.071	9E03006	EPA 8270E	05/09/19 09:29	jfi	
Fenthion [55-38-9]^	0.042	U	mg/kg dry	4	0.042	0.071	9E03006	EPA 8270E	05/09/19 09:29	jfi	
Malathion [121-75-5]^	0.046	U	mg/kg dry	4	0.046	0.071	9E03006	EPA 8270E	05/09/19 09:29	jfi	
Merphos [150-50-5]^	0.050	U	mg/kg dry	4	0.050	0.071	9E03006	EPA 8270E	05/09/19 09:29	jfi	
Methyl parathion [298-00-0]^	0.046	U	mg/kg dry	4	0.046	0.071	9E03006	EPA 8270E	05/09/19 09:29	jfi	
Mevinphos [7786-34-7]^	0.046	U	mg/kg dry	4	0.046	0.071	9E03006	EPA 8270E	05/09/19 09:29	jfi	QV-01
Monocrotophos [6923-22-4]^	0.066	U	mg/kg dry	4	0.066	0.071	9E03006	EPA 8270E	05/09/19 09:29	jfi	QV-01
Naled [300-76-5]^	0.013	U	mg/kg dry	4	0.013	0.14	9E03006	EPA 8270E	05/09/19 09:29	jfi	
Phorate [298-02-2]^	0.042	U	mg/kg dry	4	0.042	0.071	9E03006	EPA 8270E	05/09/19 09:29	jfi	
Ronnel [299-84-3]^	0.042	U	mg/kg dry	4	0.042	0.071	9E03006	EPA 8270E	05/09/19 09:29	jfi	
Stirophos (Tetrachlorvinphos) [22248-79-9]^	0.050	U	mg/kg dry	4	0.050	0.071	9E03006	EPA 8270E	05/09/19 09:29	jfi	
Sulfotep [3689-24-5]^	0.034	U	mg/kg dry	4	0.034	0.071	9E03006	EPA 8270E	05/09/19 09:29	jfi	
TEPP [107-49-3]^	0.029	U	mg/kg dry	4	0.029	0.14	9E03006	EPA 8270E	05/09/19 09:29	jfi	
Tokuthion (Prothiofos) [34643-46-4]^	0.050	U	mg/kg dry	4	0.050	0.071	9E03006	EPA 8270E	05/09/19 09:29	jfi	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
Tributyl Phosphate	0.063	4	0.0687	92 %	33-127	9E03006	EPA 8270E	05/09/19 09:29	jfi	
Triphenyl phosphate	0.034	4	0.0687	50 %	34-158	9E03006	EPA 8270E	05/09/19 09:29	jfi	

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8]^	0.0017	U	mg/kg dry	2	0.0017	0.0035	9E06021	EPA 8081B	05/07/19 13:36	JJB	
4,4'-DDE [72-55-9]^	0.0014	U	mg/kg dry	2	0.0014	0.0035	9E06021	EPA 8081B	05/07/19 13:36	JJB	
4,4'-DDT [50-29-3]^	0.0014	U	mg/kg dry	2	0.0014	0.0035	9E06021	EPA 8081B	05/07/19 13:36	JJB	
Aldrin [309-00-2]^	0.0011	U	mg/kg dry	2	0.0011	0.0035	9E06021	EPA 8081B	05/07/19 13:36	JJB	
alpha-BHC [319-84-6]^	0.0012	U	mg/kg dry	2	0.0012	0.0035	9E06021	EPA 8081B	05/07/19 13:36	JJB	
beta-BHC [319-85-7]^	0.0025	U	mg/kg dry	2	0.0025	0.0035	9E06021	EPA 8081B	05/07/19 13:36	JJB	
Chlordane (tech) [12789-03-6]^	0.015	U	mg/kg dry	2	0.015	0.069	9E06021	EPA 8081B	05/07/19 13:36	JJB	
Chlordane-alpha [5103-71-9]^	0.078		mg/kg dry	2	0.0014	0.0035	9E06021	EPA 8081B	05/07/19 13:36	JJB	
Chlordane-gamma [5103-74-2]^	0.075		mg/kg dry	2	0.0016	0.0035	9E06021	EPA 8081B	05/07/19 13:36	JJB	
delta-BHC [319-86-8]^	0.0013	U	mg/kg dry	2	0.0013	0.0035	9E06021	EPA 8081B	05/07/19 13:36	JJB	
Dieldrin [60-57-1]^	0.078		mg/kg dry	2	0.00094	0.0035	9E06021	EPA 8081B	05/07/19 13:36	JJB	

ANALYTICAL RESULTS

Description: SS-7-0.5

Lab Sample ID: AC03344-13

Received: 05/02/19 08:00

Matrix: Soil

Sampled: 05/01/19 09:35

Work Order: AC03344

Project: Baypoint Gulf Course

Sampled By: Mitchell Collins

% Solids: 96.25

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Endosulfan I [959-98-8]^	0.00083	U	mg/kg dry	2	0.00083	0.0035	9E06021	EPA 8081B	05/07/19 13:36	JJB	
Endosulfan II [33213-65-9]^	0.0018	U	mg/kg dry	2	0.0018	0.0035	9E06021	EPA 8081B	05/07/19 13:36	JJB	
Endosulfan sulfate [1031-07-8]^	0.0012	U	mg/kg dry	2	0.0012	0.0035	9E06021	EPA 8081B	05/07/19 13:36	JJB	
Endrin [72-20-8]^	0.0015	U	mg/kg dry	2	0.0015	0.0035	9E06021	EPA 8081B	05/07/19 13:36	JJB	
Endrin aldehyde [7421-93-4]^	0.0029	U	mg/kg dry	2	0.0029	0.0035	9E06021	EPA 8081B	05/07/19 13:36	JJB	
Endrin ketone [53494-70-5]^	0.0012	U	mg/kg dry	2	0.0012	0.0035	9E06021	EPA 8081B	05/07/19 13:36	JJB	
gamma-BHC [58-89-9]^	0.0012	U	mg/kg dry	2	0.0012	0.0035	9E06021	EPA 8081B	05/07/19 13:36	JJB	
Heptachlor [76-44-8]^	0.0014	U	mg/kg dry	2	0.0014	0.0035	9E06021	EPA 8081B	05/07/19 13:36	JJB	
Heptachlor epoxide [1024-57-3]^	0.0015	U	mg/kg dry	2	0.0015	0.0035	9E06021	EPA 8081B	05/07/19 13:36	JJB	
Isodrin [465-73-6]^	0.0013	U	mg/kg dry	2	0.0013	0.0035	9E06021	EPA 8081B	05/07/19 13:36	JJB	
Methoxychlor [72-43-5]^	0.0020	U	mg/kg dry	2	0.0020	0.0035	9E06021	EPA 8081B	05/07/19 13:36	JJB	
Mirex [2385-85-5]^	0.0023	U	mg/kg dry	2	0.0023	0.0035	9E06021	EPA 8081B	05/07/19 13:36	JJB	
Toxaphene [8001-35-2]^	0.035	U	mg/kg dry	2	0.035	0.069	9E06021	EPA 8081B	05/07/19 13:36	JJB	
Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes	
2,4,5,6-TCMX	0.017	2	0.0346	50 %	20-137	9E06021	EPA 8081B	05/07/19 13:36	JJB		
Decachlorobiphenyl	0.038	2	0.0346	110 %	13-183	9E06021	EPA 8081B	05/07/19 13:36	JJB		

Chlorinated Herbicides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
2,4,5-T [93-76-5]^	0.0027	U	mg/kg dry	1	0.0027	0.010	9E03001	EPA 8151A	05/06/19 19:18	RGG	
2,4,5-TP (Silvex) [93-72-1]^	0.0049	U	mg/kg dry	1	0.0049	0.010	9E03001	EPA 8151A	05/06/19 19:18	RGG	
2,4-D [94-75-7]^	0.010	U	mg/kg dry	1	0.010	0.010	9E03001	EPA 8151A	05/06/19 19:18	RGG	
2,4-DB [94-82-6]^	0.010	U	mg/kg dry	1	0.010	0.010	9E03001	EPA 8151A	05/06/19 19:18	RGG	
3,5-DCBA [51-365-5]^	0.0050	U	mg/kg dry	1	0.0050	0.010	9E03001	EPA 8151A	05/06/19 19:18	RGG	
4-Nitrophenol [100-02-7]^	0.010	U	mg/kg dry	1	0.010	0.010	9E03001	EPA 8151A	05/06/19 19:18	RGG	
Acifluorfen [50594-66-6]^	0.0074	U	mg/kg dry	1	0.0074	0.010	9E03001	EPA 8151A	05/06/19 19:18	RGG	
Bentazon [25057-89-0]^	0.0047	U	mg/kg dry	1	0.0047	0.010	9E03001	EPA 8151A	05/06/19 19:18	RGG	
Chloramben [133-90-4]^	0.0041	U	mg/kg dry	1	0.0041	0.010	9E03001	EPA 8151A	05/06/19 19:18	RGG	QV-01
Dacthal [1861-32-1]^	0.0025	U	mg/kg dry	1	0.0025	0.010	9E03001	EPA 8151A	05/06/19 19:18	RGG	
Dalapon [75-99-0]^	0.0052	U	mg/kg dry	1	0.0052	0.010	9E03001	EPA 8151A	05/06/19 19:18	RGG	
Dicamba [1918-00-9]^	0.0044	U	mg/kg dry	1	0.0044	0.010	9E03001	EPA 8151A	05/06/19 19:18	RGG	
Dichlorprop [120-36-5]^	0.0035	U	mg/kg dry	1	0.0035	0.010	9E03001	EPA 8151A	05/06/19 19:18	RGG	
Dinoseb [88-85-7]^	0.0044	U	mg/kg dry	1	0.0044	0.010	9E03001	EPA 8151A	05/06/19 19:18	RGG	
MCPA [94-74-6]^	0.78	U	mg/kg dry	1	0.78	1.0	9E03001	EPA 8151A	05/06/19 19:18	RGG	
MCPP [7085-19-0]^	0.80	U	mg/kg dry	1	0.80	1.0	9E03001	EPA 8151A	05/06/19 19:18	RGG	
Pentachlorophenol [87-86-5]^	0.0026	U	mg/kg dry	1	0.0026	0.010	9E03001	EPA 8151A	05/06/19 19:18	RGG	
Picloram [1918-02-1]^	0.0027	U	mg/kg dry	1	0.0027	0.010	9E03001	EPA 8151A	05/06/19 19:18	RGG	QV-01
Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes	
2,4-DCAA	0.025	1	0.0419	60 %	16-169	9E03001	EPA 8151A	05/06/19 19:18	RGG		



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ANALYTICAL RESULTS

Description: SS-7-0.5

Lab Sample ID: AC03344-13

Received: 05/02/19 08:00

Matrix: Soil

Sampled: 05/01/19 09:35

Work Order: AC03344

Project: Baypoint Gulf Course

Sampled By: Mitchell Collins

% Solids: 96.25

Metals by EPA 6000/7000 Series Methods

^ - ENCO Jacksonville certified analyte [NELAC E82277]

<u>Analyte [CAS Number]</u>	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
Arsenic [7440-38-2]^	0.557	U	mg/kg dry	1	0.557	0.618	9E08001	EPA 6010C	05/09/19 12:05	ACV	
Barium [7440-39-3]^	0.702		mg/kg dry	1	0.173	0.618	9E08001	EPA 6010C	05/09/19 12:05	ACV	

ANALYTICAL RESULTS

Description: SS-8-0.5

Lab Sample ID: AC03344-15

Received: 05/02/19 08:00

Matrix: Soil

Sampled: 05/01/19 09:48

Work Order: AC03344

Project: Baypoint Gulf Course

Sampled By: Mitchell Collins

% Solids: 96.12

Semivolatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Azinphos-methyl [86-50-0]^	0.058	U	mg/kg dry	4	0.058	0.071	9E03006	EPA 8270E	05/09/19 10:03	jfi	QV-01
Bolstar [35400-43-2]^	0.062	U	mg/kg dry	4	0.062	0.071	9E03006	EPA 8270E	05/09/19 10:03	jfi	
Chlorpyrifos [2921-88-2]^	0.042	U	mg/kg dry	4	0.042	0.071	9E03006	EPA 8270E	05/09/19 10:03	jfi	
Coumaphos [56-72-4]^	0.054	U	mg/kg dry	4	0.054	0.071	9E03006	EPA 8270E	05/09/19 10:03	jfi	
Demeton [8065-48-3]^	0.046	U	mg/kg dry	4	0.046	0.071	9E03006	EPA 8270E	05/09/19 10:03	jfi	QV-01
Diazinon [333-41-5]^	0.046	U	mg/kg dry	4	0.046	0.071	9E03006	EPA 8270E	05/09/19 10:03	jfi	
Dichlorofenthion [97-17-6]^	0.037	U	mg/kg dry	4	0.037	0.071	9E03006	EPA 8270E	05/09/19 10:03	jfi	
Dichlorvos [62-73-7]^	0.058	U	mg/kg dry	4	0.058	0.071	9E03006	EPA 8270E	05/09/19 10:03	jfi	
Dimethoate [60-51-5]^	0.046	U	mg/kg dry	4	0.046	0.071	9E03006	EPA 8270E	05/09/19 10:03	jfi	QV-01
Disulfoton [298-04-4]^	0.046	U	mg/kg dry	4	0.046	0.071	9E03006	EPA 8270E	05/09/19 10:03	jfi	
EPN [2104-64-5]^	0.038	U	mg/kg dry	4	0.038	0.071	9E03006	EPA 8270E	05/09/19 10:03	jfi	QV-01
Ethion [563-12-2]^	0.046	U	mg/kg dry	4	0.046	0.071	9E03006	EPA 8270E	05/09/19 10:03	jfi	
Ethoprop [13194-48-4]^	0.042	U	mg/kg dry	4	0.042	0.071	9E03006	EPA 8270E	05/09/19 10:03	jfi	
Ethyl Parathion [56-38-2]^	0.041	U	mg/kg dry	4	0.041	0.071	9E03006	EPA 8270E	05/09/19 10:03	jfi	QV-01
Fensulfthion [115-90-2]^	0.033	U	mg/kg dry	4	0.033	0.071	9E03006	EPA 8270E	05/09/19 10:03	jfi	
Fenthion [55-38-9]^	0.042	U	mg/kg dry	4	0.042	0.071	9E03006	EPA 8270E	05/09/19 10:03	jfi	
Malathion [121-75-5]^	0.046	U	mg/kg dry	4	0.046	0.071	9E03006	EPA 8270E	05/09/19 10:03	jfi	
Merphos [150-50-5]^	0.050	U	mg/kg dry	4	0.050	0.071	9E03006	EPA 8270E	05/09/19 10:03	jfi	
Methyl parathion [298-00-0]^	0.046	U	mg/kg dry	4	0.046	0.071	9E03006	EPA 8270E	05/09/19 10:03	jfi	
Mevinphos [7786-34-7]^	0.046	U	mg/kg dry	4	0.046	0.071	9E03006	EPA 8270E	05/09/19 10:03	jfi	QV-01
Monocrotophos [6923-22-4]^	0.067	U	mg/kg dry	4	0.067	0.071	9E03006	EPA 8270E	05/09/19 10:03	jfi	QV-01
Naled [300-76-5]^	0.013	U	mg/kg dry	4	0.013	0.14	9E03006	EPA 8270E	05/09/19 10:03	jfi	
Phorate [298-02-2]^	0.042	U	mg/kg dry	4	0.042	0.071	9E03006	EPA 8270E	05/09/19 10:03	jfi	
Ronnel [299-84-3]^	0.042	U	mg/kg dry	4	0.042	0.071	9E03006	EPA 8270E	05/09/19 10:03	jfi	
Stirophos (Tetrachlorvinphos) [22248-79-9]^	0.050	U	mg/kg dry	4	0.050	0.071	9E03006	EPA 8270E	05/09/19 10:03	jfi	
Sulfotep [3689-24-5]^	0.034	U	mg/kg dry	4	0.034	0.071	9E03006	EPA 8270E	05/09/19 10:03	jfi	
TEPP [107-49-3]^	0.029	U	mg/kg dry	4	0.029	0.14	9E03006	EPA 8270E	05/09/19 10:03	jfi	
Tokuthion (Prothiofos) [34643-46-4]^	0.050	U	mg/kg dry	4	0.050	0.071	9E03006	EPA 8270E	05/09/19 10:03	jfi	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
Tributyl Phosphate	0.071	4	0.0688	104 %	33-127	9E03006	EPA 8270E	05/09/19 10:03	jfi	
Triphenyl phosphate	0.042	4	0.0688	61 %	34-158	9E03006	EPA 8270E	05/09/19 10:03	jfi	

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8]^	0.0017	U	mg/kg dry	2	0.0017	0.0035	9E06021	EPA 8081B	05/07/19 13:48	JJB	
4,4'-DDE [72-55-9]^	0.0014	U	mg/kg dry	2	0.0014	0.0035	9E06021	EPA 8081B	05/07/19 13:48	JJB	
4,4'-DDT [50-29-3]^	0.0014	U	mg/kg dry	2	0.0014	0.0035	9E06021	EPA 8081B	05/07/19 13:48	JJB	
Aldrin [309-00-2]^	0.018		mg/kg dry	2	0.0011	0.0035	9E06021	EPA 8081B	05/07/19 13:48	JJB	
alpha-BHC [319-84-6]^	0.0012	U	mg/kg dry	2	0.0012	0.0035	9E06021	EPA 8081B	05/07/19 13:48	JJB	
beta-BHC [319-85-7]^	0.0025	U	mg/kg dry	2	0.0025	0.0035	9E06021	EPA 8081B	05/07/19 13:48	JJB	
Chlordane (tech) [12789-03-6]^	0.015	U	mg/kg dry	2	0.015	0.069	9E06021	EPA 8081B	05/07/19 13:48	JJB	
Chlordane-alpha [5103-71-9]^	0.046		mg/kg dry	2	0.0014	0.0035	9E06021	EPA 8081B	05/07/19 13:48	JJB	
Chlordane-gamma [5103-74-2]^	0.033		mg/kg dry	2	0.0016	0.0035	9E06021	EPA 8081B	05/07/19 13:48	JJB	
delta-BHC [319-86-8]^	0.0013	U	mg/kg dry	2	0.0013	0.0035	9E06021	EPA 8081B	05/07/19 13:48	JJB	
Dieldrin [60-57-1]^	0.23		mg/kg dry	2	0.00094	0.0035	9E06021	EPA 8081B	05/07/19 13:48	JJB	

ANALYTICAL RESULTS

Description: SS-8-0.5

Lab Sample ID: AC03344-15

Received: 05/02/19 08:00

Matrix: Soil

Sampled: 05/01/19 09:48

Work Order: AC03344

Project: Baypoint Gulf Course

Sampled By: Mitchell Collins

% Solids: 96.12

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Endosulfan I [959-98-8]^	0.00083	U	mg/kg dry	2	0.00083	0.0035	9E06021	EPA 8081B	05/07/19 13:48	JJB	
Endosulfan II [33213-65-9]^	0.0018	U	mg/kg dry	2	0.0018	0.0035	9E06021	EPA 8081B	05/07/19 13:48	JJB	
Endosulfan sulfate [1031-07-8]^	0.0012	U	mg/kg dry	2	0.0012	0.0035	9E06021	EPA 8081B	05/07/19 13:48	JJB	
Endrin [72-20-8]^	0.0015	U	mg/kg dry	2	0.0015	0.0035	9E06021	EPA 8081B	05/07/19 13:48	JJB	
Endrin aldehyde [7421-93-4]^	0.0029	U	mg/kg dry	2	0.0029	0.0035	9E06021	EPA 8081B	05/07/19 13:48	JJB	
Endrin ketone [53494-70-5]^	0.0012	U	mg/kg dry	2	0.0012	0.0035	9E06021	EPA 8081B	05/07/19 13:48	JJB	
gamma-BHC [58-89-9]^	0.0012	U	mg/kg dry	2	0.0012	0.0035	9E06021	EPA 8081B	05/07/19 13:48	JJB	
Heptachlor [76-44-8]^	0.0014	U	mg/kg dry	2	0.0014	0.0035	9E06021	EPA 8081B	05/07/19 13:48	JJB	
Heptachlor epoxide [1024-57-3]^	0.0015	U	mg/kg dry	2	0.0015	0.0035	9E06021	EPA 8081B	05/07/19 13:48	JJB	
Isodrin [465-73-6]^	0.0013	U	mg/kg dry	2	0.0013	0.0035	9E06021	EPA 8081B	05/07/19 13:48	JJB	
Methoxychlor [72-43-5]^	0.0020	U	mg/kg dry	2	0.0020	0.0035	9E06021	EPA 8081B	05/07/19 13:48	JJB	
Mirex [2385-85-5]^	0.0023	U	mg/kg dry	2	0.0023	0.0035	9E06021	EPA 8081B	05/07/19 13:48	JJB	
Toxaphene [8001-35-2]^	0.035	U	mg/kg dry	2	0.035	0.069	9E06021	EPA 8081B	05/07/19 13:48	JJB	
Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes	
2,4,5,6-TCMX	0.027	2	0.0343	80 %	20-137	9E06021	EPA 8081B	05/07/19 13:48	JJB		
Decachlorobiphenyl	0.023	2	0.0343	68 %	13-183	9E06021	EPA 8081B	05/07/19 13:48	JJB		

Chlorinated Herbicides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
2,4,5-T [93-76-5]^	0.0027	U	mg/kg dry	1	0.0027	0.010	9E03001	EPA 8151A	05/06/19 19:43	RGG	
2,4,5-TP (Silvex) [93-72-1]^	0.0049	U	mg/kg dry	1	0.0049	0.010	9E03001	EPA 8151A	05/06/19 19:43	RGG	
2,4-D [94-75-7]^	0.010	U	mg/kg dry	1	0.010	0.010	9E03001	EPA 8151A	05/06/19 19:43	RGG	
2,4-DB [94-82-6]^	0.010	U	mg/kg dry	1	0.010	0.010	9E03001	EPA 8151A	05/06/19 19:43	RGG	
3,5-DCBA [51-365-5]^	0.0050	U	mg/kg dry	1	0.0050	0.010	9E03001	EPA 8151A	05/06/19 19:43	RGG	
4-Nitrophenol [100-02-7]^	0.010	U	mg/kg dry	1	0.010	0.010	9E03001	EPA 8151A	05/06/19 19:43	RGG	
Acifluorfen [50594-66-6]^	0.0074	U	mg/kg dry	1	0.0074	0.010	9E03001	EPA 8151A	05/06/19 19:43	RGG	
Bentazon [25057-89-0]^	0.0047	U	mg/kg dry	1	0.0047	0.010	9E03001	EPA 8151A	05/06/19 19:43	RGG	
Chloramben [133-90-4]^	0.0041	U	mg/kg dry	1	0.0041	0.010	9E03001	EPA 8151A	05/06/19 19:43	RGG	QV-01
Dacthal [1861-32-1]^	0.0025	U	mg/kg dry	1	0.0025	0.010	9E03001	EPA 8151A	05/06/19 19:43	RGG	
Dalapon [75-99-0]^	0.0052	U	mg/kg dry	1	0.0052	0.010	9E03001	EPA 8151A	05/06/19 19:43	RGG	
Dicamba [1918-00-9]^	0.0044	U	mg/kg dry	1	0.0044	0.010	9E03001	EPA 8151A	05/06/19 19:43	RGG	
Dichlorprop [120-36-5]^	0.0035	U	mg/kg dry	1	0.0035	0.010	9E03001	EPA 8151A	05/06/19 19:43	RGG	
Dinoseb [88-85-7]^	0.0044	U	mg/kg dry	1	0.0044	0.010	9E03001	EPA 8151A	05/06/19 19:43	RGG	
MCPA [94-74-6]^	0.78	U	mg/kg dry	1	0.78	1.0	9E03001	EPA 8151A	05/06/19 19:43	RGG	
MCPP [7085-19-0]^	0.80	U	mg/kg dry	1	0.80	1.0	9E03001	EPA 8151A	05/06/19 19:43	RGG	
Pentachlorophenol [87-86-5]^	0.0026	U	mg/kg dry	1	0.0026	0.010	9E03001	EPA 8151A	05/06/19 19:43	RGG	
Picloram [1918-02-1]^	0.0027	U	mg/kg dry	1	0.0027	0.010	9E03001	EPA 8151A	05/06/19 19:43	RGG	QV-01
Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes	
2,4-DCAA	0.027	1	0.0414	64 %	16-169	9E03001	EPA 8151A	05/06/19 19:43	RGG		



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ANALYTICAL RESULTS

Description: SS-8-0.5

Lab Sample ID: AC03344-15

Received: 05/02/19 08:00

Matrix: Soil

Sampled: 05/01/19 09:48

Work Order: AC03344

Project: Baypoint Gulf Course

Sampled By: Mitchell Collins

% Solids: 96.12

Metals by EPA 6000/7000 Series Methods

^ - ENCO Jacksonville certified analyte [NELAC E82277]

<u>Analyte [CAS Number]</u>	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
Arsenic [7440-38-2]^	3.82		mg/kg dry	1	0.743	0.826	9E08001	EPA 6010C	05/09/19 12:07	ACV	
Barium [7440-39-3]^	19.2		mg/kg dry	1	0.231	0.826	9E08001	EPA 6010C	05/09/19 12:07	ACV	

ANALYTICAL RESULTS

Description: SS-9-0.5

Lab Sample ID: AC03344-17

Received: 05/02/19 08:00

Matrix: Soil

Sampled: 05/01/19 10:00

Work Order: AC03344

Project: Baypoint Gulf Course

Sampled By: Mitchell Collins

% Solids: 74.83

Semivolatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Azinphos-methyl [86-50-0]^	0.075	U	mg/kg dry	4	0.075	0.091	9E03006	EPA 8270E	05/09/19 10:36	jfi	QV-01
Bolstar [35400-43-2]^	0.080	U	mg/kg dry	4	0.080	0.091	9E03006	EPA 8270E	05/09/19 10:36	jfi	
Chlorpyrifos [2921-88-2]^	0.053	U	mg/kg dry	4	0.053	0.091	9E03006	EPA 8270E	05/09/19 10:36	jfi	
Coumaphos [56-72-4]^	0.069	U	mg/kg dry	4	0.069	0.091	9E03006	EPA 8270E	05/09/19 10:36	jfi	
Demeton [8065-48-3]^	0.059	U	mg/kg dry	4	0.059	0.091	9E03006	EPA 8270E	05/09/19 10:36	jfi	QV-01
Diazinon [333-41-5]^	0.059	U	mg/kg dry	4	0.059	0.091	9E03006	EPA 8270E	05/09/19 10:36	jfi	
Dichlorofenthion [97-17-6]^	0.048	U	mg/kg dry	4	0.048	0.091	9E03006	EPA 8270E	05/09/19 10:36	jfi	
Dichlorvos [62-73-7]^	0.075	U	mg/kg dry	4	0.075	0.091	9E03006	EPA 8270E	05/09/19 10:36	jfi	
Dimethoate [60-51-5]^	0.059	U	mg/kg dry	4	0.059	0.091	9E03006	EPA 8270E	05/09/19 10:36	jfi	QV-01
Disulfoton [298-04-4]^	0.059	U	mg/kg dry	4	0.059	0.091	9E03006	EPA 8270E	05/09/19 10:36	jfi	
EPN [2104-64-5]^	0.049	U	mg/kg dry	4	0.049	0.091	9E03006	EPA 8270E	05/09/19 10:36	jfi	QV-01
Ethion [563-12-2]^	0.059	U	mg/kg dry	4	0.059	0.091	9E03006	EPA 8270E	05/09/19 10:36	jfi	
Ethoprop [13194-48-4]^	0.053	U	mg/kg dry	4	0.053	0.091	9E03006	EPA 8270E	05/09/19 10:36	jfi	
Ethyl Parathion [56-38-2]^	0.053	U	mg/kg dry	4	0.053	0.091	9E03006	EPA 8270E	05/09/19 10:36	jfi	QV-01
Fensulfthion [115-90-2]^	0.042	U	mg/kg dry	4	0.042	0.091	9E03006	EPA 8270E	05/09/19 10:36	jfi	
Fenthion [55-38-9]^	0.053	U	mg/kg dry	4	0.053	0.091	9E03006	EPA 8270E	05/09/19 10:36	jfi	
Malathion [121-75-5]^	0.059	U	mg/kg dry	4	0.059	0.091	9E03006	EPA 8270E	05/09/19 10:36	jfi	
Merphos [150-50-5]^	0.064	U	mg/kg dry	4	0.064	0.091	9E03006	EPA 8270E	05/09/19 10:36	jfi	
Methyl parathion [298-00-0]^	0.059	U	mg/kg dry	4	0.059	0.091	9E03006	EPA 8270E	05/09/19 10:36	jfi	
Mevinphos [7786-34-7]^	0.059	U	mg/kg dry	4	0.059	0.091	9E03006	EPA 8270E	05/09/19 10:36	jfi	QV-01
Monocrotophos [6923-22-4]^	0.086	U	mg/kg dry	4	0.086	0.091	9E03006	EPA 8270E	05/09/19 10:36	jfi	QV-01
Naled [300-76-5]^	0.017	U	mg/kg dry	4	0.017	0.18	9E03006	EPA 8270E	05/09/19 10:36	jfi	
Phorate [298-02-2]^	0.053	U	mg/kg dry	4	0.053	0.091	9E03006	EPA 8270E	05/09/19 10:36	jfi	
Ronnel [299-84-3]^	0.053	U	mg/kg dry	4	0.053	0.091	9E03006	EPA 8270E	05/09/19 10:36	jfi	
Stirophos (Tetrachlorvinphos) [22248-79-9]^	0.064	U	mg/kg dry	4	0.064	0.091	9E03006	EPA 8270E	05/09/19 10:36	jfi	
Sulfotep [3689-24-5]^	0.043	U	mg/kg dry	4	0.043	0.091	9E03006	EPA 8270E	05/09/19 10:36	jfi	
TEPP [107-49-3]^	0.037	U	mg/kg dry	4	0.037	0.18	9E03006	EPA 8270E	05/09/19 10:36	jfi	
Tokuthion (Prothiofos) [34643-46-4]^	0.064	U	mg/kg dry	4	0.064	0.091	9E03006	EPA 8270E	05/09/19 10:36	jfi	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
Tributyl Phosphate	0.068	4	0.0892	76 %	33-127	9E03006	EPA 8270E	05/09/19 10:36	jfi	
Triphenyl phosphate	0.038	4	0.0892	43 %	34-158	9E03006	EPA 8270E	05/09/19 10:36	jfi	

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8]^	0.0021	U	mg/kg dry	2	0.0021	0.0045	9E07003	EPA 8081B	05/08/19 15:30	JJB	
4,4'-DDE [72-55-9]^	0.0017	U	mg/kg dry	2	0.0017	0.0045	9E07003	EPA 8081B	05/08/19 15:30	JJB	
4,4'-DDT [50-29-3]^	0.0018	U	mg/kg dry	2	0.0018	0.0045	9E07003	EPA 8081B	05/08/19 15:30	JJB	
Aldrin [309-00-2]^	0.0014	U	mg/kg dry	2	0.0014	0.0045	9E07003	EPA 8081B	05/08/19 15:30	JJB	
alpha-BHC [319-84-6]^	0.0015	U	mg/kg dry	2	0.0015	0.0045	9E07003	EPA 8081B	05/08/19 15:30	JJB	
beta-BHC [319-85-7]^	0.0032	U	mg/kg dry	2	0.0032	0.0045	9E07003	EPA 8081B	05/08/19 15:30	JJB	
Chlordane (tech) [12789-03-6]^	0.019	U	mg/kg dry	2	0.019	0.088	9E07003	EPA 8081B	05/08/19 15:30	JJB	
Chlordane-alpha [5103-71-9]^	0.0018	U	mg/kg dry	2	0.0018	0.0045	9E07003	EPA 8081B	05/08/19 15:30	JJB	
Chlordane-gamma [5103-74-2]^	0.0021	U	mg/kg dry	2	0.0021	0.0045	9E07003	EPA 8081B	05/08/19 15:30	JJB	
delta-BHC [319-86-8]^	0.0017	U	mg/kg dry	2	0.0017	0.0045	9E07003	EPA 8081B	05/08/19 15:30	JJB	
Dieldrin [60-57-1]^	0.0012	U	mg/kg dry	2	0.0012	0.0045	9E07003	EPA 8081B	05/08/19 15:30	JJB	

ANALYTICAL RESULTS

Description: SS-9-0.5

Lab Sample ID: AC03344-17

Received: 05/02/19 08:00

Matrix: Soil

Sampled: 05/01/19 10:00

Work Order: AC03344

Project: Baypoint Gulf Course

Sampled By: Mitchell Collins

% Solids: 74.83

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Endosulfan I [959-98-8]^	0.0011	U	mg/kg dry	2	0.0011	0.0045	9E07003	EPA 8081B	05/08/19 15:30	JJB	
Endosulfan II [33213-65-9]^	0.0023	U	mg/kg dry	2	0.0023	0.0045	9E07003	EPA 8081B	05/08/19 15:30	JJB	
Endosulfan sulfate [1031-07-8]^	0.0016	U	mg/kg dry	2	0.0016	0.0045	9E07003	EPA 8081B	05/08/19 15:30	JJB	
Endrin [72-20-8]^	0.0020	U	mg/kg dry	2	0.0020	0.0045	9E07003	EPA 8081B	05/08/19 15:30	JJB	
Endrin aldehyde [7421-93-4]^	0.0037	U	mg/kg dry	2	0.0037	0.0045	9E07003	EPA 8081B	05/08/19 15:30	JJB	
Endrin ketone [53494-70-5]^	0.0016	U	mg/kg dry	2	0.0016	0.0045	9E07003	EPA 8081B	05/08/19 15:30	JJB	
gamma-BHC [58-89-9]^	0.0016	U	mg/kg dry	2	0.0016	0.0045	9E07003	EPA 8081B	05/08/19 15:30	JJB	
Heptachlor [76-44-8]^	0.0018	U	mg/kg dry	2	0.0018	0.0045	9E07003	EPA 8081B	05/08/19 15:30	JJB	
Heptachlor epoxide [1024-57-3]^	0.0020	U	mg/kg dry	2	0.0020	0.0045	9E07003	EPA 8081B	05/08/19 15:30	JJB	
Isodrin [465-73-6]^	0.0017	U	mg/kg dry	2	0.0017	0.0045	9E07003	EPA 8081B	05/08/19 15:30	JJB	
Methoxychlor [72-43-5]^	0.0025	U	mg/kg dry	2	0.0025	0.0045	9E07003	EPA 8081B	05/08/19 15:30	JJB	
Mirex [2385-85-5]^	0.0029	U	mg/kg dry	2	0.0029	0.0045	9E07003	EPA 8081B	05/08/19 15:30	JJB	
Toxaphene [8001-35-2]^	0.045	U	mg/kg dry	2	0.045	0.088	9E07003	EPA 8081B	05/08/19 15:30	JJB	
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>	
2,4,5,6-TCMX	0.023	2	0.0448	52 %	20-137	9E07003	EPA 8081B	05/08/19 15:30	JJB		
Decachlorobiphenyl	0.026	2	0.0448	58 %	13-183	9E07003	EPA 8081B	05/08/19 15:30	JJB		

Chlorinated Herbicides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
2,4,5-T [93-76-5]^	0.0035	U	mg/kg dry	1	0.0035	0.013	9E03001	EPA 8151A	05/06/19 20:09	RGG	
2,4,5-TP (Silvex) [93-72-1]^	0.0063	U	mg/kg dry	1	0.0063	0.013	9E03001	EPA 8151A	05/06/19 20:09	RGG	
2,4-D [94-75-7]^	0.013	U	mg/kg dry	1	0.013	0.013	9E03001	EPA 8151A	05/06/19 20:09	RGG	
2,4-DB [94-82-6]^	0.013	U	mg/kg dry	1	0.013	0.013	9E03001	EPA 8151A	05/06/19 20:09	RGG	
3,5-DCBA [51-365-5]^	0.0064	U	mg/kg dry	1	0.0064	0.013	9E03001	EPA 8151A	05/06/19 20:09	RGG	
4-Nitrophenol [100-02-7]^	0.013	U	mg/kg dry	1	0.013	0.013	9E03001	EPA 8151A	05/06/19 20:09	RGG	
Acifluorfen [50594-66-6]^	0.0095	U	mg/kg dry	1	0.0095	0.013	9E03001	EPA 8151A	05/06/19 20:09	RGG	
Bentazon [25057-89-0]^	0.0060	U	mg/kg dry	1	0.0060	0.013	9E03001	EPA 8151A	05/06/19 20:09	RGG	
Chloramben [133-90-4]^	0.0052	U	mg/kg dry	1	0.0052	0.013	9E03001	EPA 8151A	05/06/19 20:09	RGG	QV-01
Dacthal [1861-32-1]^	0.0032	U	mg/kg dry	1	0.0032	0.013	9E03001	EPA 8151A	05/06/19 20:09	RGG	
Dalapon [75-99-0]^	0.0067	U	mg/kg dry	1	0.0067	0.013	9E03001	EPA 8151A	05/06/19 20:09	RGG	
Dicamba [1918-00-9]^	0.0056	U	mg/kg dry	1	0.0056	0.013	9E03001	EPA 8151A	05/06/19 20:09	RGG	
Dichlorprop [120-36-5]^	0.0045	U	mg/kg dry	1	0.0045	0.013	9E03001	EPA 8151A	05/06/19 20:09	RGG	
Dinoseb [88-85-7]^	0.0056	U	mg/kg dry	1	0.0056	0.013	9E03001	EPA 8151A	05/06/19 20:09	RGG	
MCPA [94-74-6]^	1.0	U	mg/kg dry	1	1.0	1.3	9E03001	EPA 8151A	05/06/19 20:09	RGG	
MCPP [7085-19-0]^	1.0	U	mg/kg dry	1	1.0	1.3	9E03001	EPA 8151A	05/06/19 20:09	RGG	
Pentachlorophenol [87-86-5]^	0.0033	U	mg/kg dry	1	0.0033	0.013	9E03001	EPA 8151A	05/06/19 20:09	RGG	
Picloram [1918-02-1]^	0.0035	U	mg/kg dry	1	0.0035	0.013	9E03001	EPA 8151A	05/06/19 20:09	RGG	QV-01
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>	
2,4-DCAA	0.030	1	0.0537	56 %	16-169	9E03001	EPA 8151A	05/06/19 20:09	RGG		



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ANALYTICAL RESULTS

Description: SS-9-0.5

Lab Sample ID: AC03344-17

Received: 05/02/19 08:00

Matrix: Soil

Sampled: 05/01/19 10:00

Work Order: AC03344

Project: Baypoint Gulf Course

Sampled By: Mitchell Collins

% Solids: 74.83

Metals by EPA 6000/7000 Series Methods

^ - ENCO Jacksonville certified analyte [NELAC E82277]

<u>Analyte [CAS Number]</u>	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
Arsenic [7440-38-2]^	25.7		mg/kg dry	1	0.725	0.805	9E08001	EPA 6010C	05/09/19 12:09	ACV	
Barium [7440-39-3]^	16.6		mg/kg dry	1	0.225	0.805	9E08001	EPA 6010C	05/09/19 12:09	ACV	

ANALYTICAL RESULTS

Description: SS-10-0.5

Lab Sample ID: AC03344-19

Received: 05/02/19 08:00

Matrix: Soil

Sampled: 05/01/19 10:08

Work Order: AC03344

Project: Baypoint Gulf Course

Sampled By: Mitchell Collins

% Solids: 94.39

Semivolatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Azinphos-methyl [86-50-0]^	0.059	U	mg/kg dry	4	0.059	0.072	9E03006	EPA 8270E	05/09/19 11:10	jfi	QV-01
Bolstar [35400-43-2]^	0.064	U	mg/kg dry	4	0.064	0.072	9E03006	EPA 8270E	05/09/19 11:10	jfi	
Chlorpyrifos [2921-88-2]^	0.042	U	mg/kg dry	4	0.042	0.072	9E03006	EPA 8270E	05/09/19 11:10	jfi	
Coumaphos [56-72-4]^	0.055	U	mg/kg dry	4	0.055	0.072	9E03006	EPA 8270E	05/09/19 11:10	jfi	
Demeton [8065-48-3]^	0.047	U	mg/kg dry	4	0.047	0.072	9E03006	EPA 8270E	05/09/19 11:10	jfi	QV-01
Diazinon [333-41-5]^	0.047	U	mg/kg dry	4	0.047	0.072	9E03006	EPA 8270E	05/09/19 11:10	jfi	
Dichlorofenthion [97-17-6]^	0.038	U	mg/kg dry	4	0.038	0.072	9E03006	EPA 8270E	05/09/19 11:10	jfi	
Dichlorvos [62-73-7]^	0.059	U	mg/kg dry	4	0.059	0.072	9E03006	EPA 8270E	05/09/19 11:10	jfi	
Dimethoate [60-51-5]^	0.047	U	mg/kg dry	4	0.047	0.072	9E03006	EPA 8270E	05/09/19 11:10	jfi	QV-01
Disulfoton [298-04-4]^	0.047	U	mg/kg dry	4	0.047	0.072	9E03006	EPA 8270E	05/09/19 11:10	jfi	
EPN [2104-64-5]^	0.039	U	mg/kg dry	4	0.039	0.072	9E03006	EPA 8270E	05/09/19 11:10	jfi	QV-01
Ethion [563-12-2]^	0.047	U	mg/kg dry	4	0.047	0.072	9E03006	EPA 8270E	05/09/19 11:10	jfi	
Ethoprop [13194-48-4]^	0.042	U	mg/kg dry	4	0.042	0.072	9E03006	EPA 8270E	05/09/19 11:10	jfi	
Ethyl Parathion [56-38-2]^	0.042	U	mg/kg dry	4	0.042	0.072	9E03006	EPA 8270E	05/09/19 11:10	jfi	QV-01
Fensulfthion [115-90-2]^	0.033	U	mg/kg dry	4	0.033	0.072	9E03006	EPA 8270E	05/09/19 11:10	jfi	
Fenthion [55-38-9]^	0.042	U	mg/kg dry	4	0.042	0.072	9E03006	EPA 8270E	05/09/19 11:10	jfi	
Malathion [121-75-5]^	0.047	U	mg/kg dry	4	0.047	0.072	9E03006	EPA 8270E	05/09/19 11:10	jfi	
Merphos [150-50-5]^	0.051	U	mg/kg dry	4	0.051	0.072	9E03006	EPA 8270E	05/09/19 11:10	jfi	
Methyl parathion [298-00-0]^	0.047	U	mg/kg dry	4	0.047	0.072	9E03006	EPA 8270E	05/09/19 11:10	jfi	
Mevinphos [7786-34-7]^	0.047	U	mg/kg dry	4	0.047	0.072	9E03006	EPA 8270E	05/09/19 11:10	jfi	QV-01
Monocrotophos [6923-22-4]^	0.068	U	mg/kg dry	4	0.068	0.072	9E03006	EPA 8270E	05/09/19 11:10	jfi	QV-01
Naled [300-76-5]^	0.014	U	mg/kg dry	4	0.014	0.14	9E03006	EPA 8270E	05/09/19 11:10	jfi	
Phorate [298-02-2]^	0.042	U	mg/kg dry	4	0.042	0.072	9E03006	EPA 8270E	05/09/19 11:10	jfi	
Ronnel [299-84-3]^	0.042	U	mg/kg dry	4	0.042	0.072	9E03006	EPA 8270E	05/09/19 11:10	jfi	
Stirophos (Tetrachlorvinphos) [22248-79-9]^	0.051	U	mg/kg dry	4	0.051	0.072	9E03006	EPA 8270E	05/09/19 11:10	jfi	
Sulfotep [3689-24-5]^	0.034	U	mg/kg dry	4	0.034	0.072	9E03006	EPA 8270E	05/09/19 11:10	jfi	
TEPP [107-49-3]^	0.030	U	mg/kg dry	4	0.030	0.14	9E03006	EPA 8270E	05/09/19 11:10	jfi	
Tokuthion (Prothiofos) [34643-46-4]^	0.051	U	mg/kg dry	4	0.051	0.072	9E03006	EPA 8270E	05/09/19 11:10	jfi	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
Tributyl Phosphate	0.070	4	0.0712	99 %	33-127	9E03006	EPA 8270E	05/09/19 11:10	jfi	
Triphenyl phosphate	0.040	4	0.0712	57 %	34-158	9E03006	EPA 8270E	05/09/19 11:10	jfi	

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8]^	0.0017	U	mg/kg dry	2	0.0017	0.0036	9E07003	EPA 8081B	05/08/19 15:42	JJB	
4,4'-DDE [72-55-9]^	0.0014	U	mg/kg dry	2	0.0014	0.0036	9E07003	EPA 8081B	05/08/19 15:42	JJB	
4,4'-DDT [50-29-3]^	0.0014	U	mg/kg dry	2	0.0014	0.0036	9E07003	EPA 8081B	05/08/19 15:42	JJB	
Aldrin [309-00-2]^	0.0028	I	mg/kg dry	2	0.0011	0.0036	9E07003	EPA 8081B	05/08/19 15:42	JJB	
alpha-BHC [319-84-6]^	0.0012	U	mg/kg dry	2	0.0012	0.0036	9E07003	EPA 8081B	05/08/19 15:42	JJB	
beta-BHC [319-85-7]^	0.0025	U	mg/kg dry	2	0.0025	0.0036	9E07003	EPA 8081B	05/08/19 15:42	JJB	
Chlordane (tech) [12789-03-6]^	0.015	U	mg/kg dry	2	0.015	0.070	9E07003	EPA 8081B	05/08/19 15:42	JJB	
Chlordane-alpha [5103-71-9]^	0.14		mg/kg dry	2	0.0014	0.0036	9E07003	EPA 8081B	05/08/19 15:42	JJB	
Chlordane-gamma [5103-74-2]^	0.14		mg/kg dry	2	0.0016	0.0036	9E07003	EPA 8081B	05/08/19 15:42	JJB	
delta-BHC [319-86-8]^	0.0013	U	mg/kg dry	2	0.0013	0.0036	9E07003	EPA 8081B	05/08/19 15:42	JJB	
Dieldrin [60-57-1]^	0.024		mg/kg dry	2	0.00095	0.0036	9E07003	EPA 8081B	05/08/19 15:42	JJB	

ANALYTICAL RESULTS

Description: SS-10-0.5

Lab Sample ID: AC03344-19

Received: 05/02/19 08:00

Matrix: Soil

Sampled: 05/01/19 10:08

Work Order: AC03344

Project: Baypoint Gulf Course

Sampled By: Mitchell Collins

% Solids: 94.39

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Endosulfan I [959-98-8]^	0.00085	U	mg/kg dry	2	0.00085	0.0036	9E07003	EPA 8081B	05/08/19 15:42	JJB	
Endosulfan II [33213-65-9]^	0.0018	U	mg/kg dry	2	0.0018	0.0036	9E07003	EPA 8081B	05/08/19 15:42	JJB	
Endosulfan sulfate [1031-07-8]^	0.0013	U	mg/kg dry	2	0.0013	0.0036	9E07003	EPA 8081B	05/08/19 15:42	JJB	
Endrin [72-20-8]^	0.0016	U	mg/kg dry	2	0.0016	0.0036	9E07003	EPA 8081B	05/08/19 15:42	JJB	
Endrin aldehyde [7421-93-4]^	0.0030	U	mg/kg dry	2	0.0030	0.0036	9E07003	EPA 8081B	05/08/19 15:42	JJB	
Endrin ketone [53494-70-5]^	0.0013	U	mg/kg dry	2	0.0013	0.0036	9E07003	EPA 8081B	05/08/19 15:42	JJB	
gamma-BHC [58-89-9]^	0.0013	U	mg/kg dry	2	0.0013	0.0036	9E07003	EPA 8081B	05/08/19 15:42	JJB	
Heptachlor [76-44-8]^	0.0014	U	mg/kg dry	2	0.0014	0.0036	9E07003	EPA 8081B	05/08/19 15:42	JJB	
Heptachlor epoxide [1024-57-3]^	0.0016	U	mg/kg dry	2	0.0016	0.0036	9E07003	EPA 8081B	05/08/19 15:42	JJB	
Isodrin [465-73-6]^	0.0013	U	mg/kg dry	2	0.0013	0.0036	9E07003	EPA 8081B	05/08/19 15:42	JJB	
Methoxychlor [72-43-5]^	0.0020	U	mg/kg dry	2	0.0020	0.0036	9E07003	EPA 8081B	05/08/19 15:42	JJB	
Mirex [2385-85-5]^	0.0023	U	mg/kg dry	2	0.0023	0.0036	9E07003	EPA 8081B	05/08/19 15:42	JJB	
Toxaphene [8001-35-2]^	0.036	U	mg/kg dry	2	0.036	0.070	9E07003	EPA 8081B	05/08/19 15:42	JJB	
Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes	
2,4,5,6-TCMX	0.019	2	0.0354	54 %	20-137	9E07003	EPA 8081B	05/08/19 15:42	JJB		
Decachlorobiphenyl	0.025	2	0.0354	70 %	13-183	9E07003	EPA 8081B	05/08/19 15:42	JJB		

Chlorinated Herbicides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
2,4,5-T [93-76-5]^	0.0028	U	mg/kg dry	1	0.0028	0.011	9E03001	EPA 8151A	05/06/19 20:34	RGG	
2,4,5-TP (Silvex) [93-72-1]^	0.0050	U	mg/kg dry	1	0.0050	0.011	9E03001	EPA 8151A	05/06/19 20:34	RGG	
2,4-D [94-75-7]^	0.010	U	mg/kg dry	1	0.010	0.011	9E03001	EPA 8151A	05/06/19 20:34	RGG	
2,4-DB [94-82-6]^	0.010	U	mg/kg dry	1	0.010	0.011	9E03001	EPA 8151A	05/06/19 20:34	RGG	
3,5-DCBA [51-365-5]^	0.0051	U	mg/kg dry	1	0.0051	0.011	9E03001	EPA 8151A	05/06/19 20:34	RGG	
4-Nitrophenol [100-02-7]^	0.010	U	mg/kg dry	1	0.010	0.011	9E03001	EPA 8151A	05/06/19 20:34	RGG	
Acifluorfen [50594-66-6]^	0.0075	U	mg/kg dry	1	0.0075	0.011	9E03001	EPA 8151A	05/06/19 20:34	RGG	
Bentazon [25057-89-0]^	0.0048	U	mg/kg dry	1	0.0048	0.011	9E03001	EPA 8151A	05/06/19 20:34	RGG	
Chloramben [133-90-4]^	0.0041	U	mg/kg dry	1	0.0041	0.011	9E03001	EPA 8151A	05/06/19 20:34	RGG	QV-01
Dacthal [1861-32-1]^	0.0025	U	mg/kg dry	1	0.0025	0.011	9E03001	EPA 8151A	05/06/19 20:34	RGG	
Dalapon [75-99-0]^	0.0053	U	mg/kg dry	1	0.0053	0.011	9E03001	EPA 8151A	05/06/19 20:34	RGG	
Dicamba [1918-00-9]^	0.0044	U	mg/kg dry	1	0.0044	0.011	9E03001	EPA 8151A	05/06/19 20:34	RGG	
Dichlorprop [120-36-5]^	0.0036	U	mg/kg dry	1	0.0036	0.011	9E03001	EPA 8151A	05/06/19 20:34	RGG	
Dinoseb [88-85-7]^	0.0044	U	mg/kg dry	1	0.0044	0.011	9E03001	EPA 8151A	05/06/19 20:34	RGG	
MCPA [94-74-6]^	0.79	U	mg/kg dry	1	0.79	1.1	9E03001	EPA 8151A	05/06/19 20:34	RGG	
MCPP [7085-19-0]^	0.82	U	mg/kg dry	1	0.82	1.1	9E03001	EPA 8151A	05/06/19 20:34	RGG	
Pentachlorophenol [87-86-5]^	0.0026	U	mg/kg dry	1	0.0026	0.011	9E03001	EPA 8151A	05/06/19 20:34	RGG	
Picloram [1918-02-1]^	0.0028	U	mg/kg dry	1	0.0028	0.011	9E03001	EPA 8151A	05/06/19 20:34	RGG	QV-01
Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes	
2,4-DCAA	0.029	1	0.0423	68 %	16-169	9E03001	EPA 8151A	05/06/19 20:34	RGG		



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ANALYTICAL RESULTS

Description: SS-10-0.5

Lab Sample ID: AC03344-19

Received: 05/02/19 08:00

Matrix: Soil

Sampled: 05/01/19 10:08

Work Order: AC03344

Project: Baypoint Gulf Course

Sampled By: Mitchell Collins

% Solids: 94.39

Metals by EPA 6000/7000 Series Methods

^ - ENCO Jacksonville certified analyte [NELAC E82277]

<u>Analyte [CAS Number]</u>	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
Arsenic [7440-38-2]^	1.49		mg/kg dry	1	0.627	0.697	9E08001	EPA 6010C	05/09/19 12:11	ACV	
Barium [7440-39-3]^	4.01		mg/kg dry	1	0.195	0.697	9E08001	EPA 6010C	05/09/19 12:11	ACV	

ANALYTICAL RESULTS

Description: SS-11-0.5

Lab Sample ID: AC03344-21

Received: 05/02/19 08:00

Matrix: Soil

Sampled: 05/01/19 10:28

Work Order: AC03344

Project: Baypoint Gulf Course

Sampled By: Mitchell Collins

% Solids: 87.97

Semivolatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Azinphos-methyl [86-50-0]^	0.064	U	mg/kg dry	4	0.064	0.077	9E03006	EPA 8270E	05/09/19 11:43	jfi	QV-01
Bolstar [35400-43-2]^	0.068	U	mg/kg dry	4	0.068	0.077	9E03006	EPA 8270E	05/09/19 11:43	jfi	
Chlorpyrifos [2921-88-2]^	0.045	U	mg/kg dry	4	0.045	0.077	9E03006	EPA 8270E	05/09/19 11:43	jfi	
Coumaphos [56-72-4]^	0.059	U	mg/kg dry	4	0.059	0.077	9E03006	EPA 8270E	05/09/19 11:43	jfi	
Demeton [8065-48-3]^	0.050	U	mg/kg dry	4	0.050	0.077	9E03006	EPA 8270E	05/09/19 11:43	jfi	QV-01
Diazinon [333-41-5]^	0.050	U	mg/kg dry	4	0.050	0.077	9E03006	EPA 8270E	05/09/19 11:43	jfi	
Dichlorofenthion [97-17-6]^	0.040	U	mg/kg dry	4	0.040	0.077	9E03006	EPA 8270E	05/09/19 11:43	jfi	
Dichlorvos [62-73-7]^	0.064	U	mg/kg dry	4	0.064	0.077	9E03006	EPA 8270E	05/09/19 11:43	jfi	
Dimethoate [60-51-5]^	0.050	U	mg/kg dry	4	0.050	0.077	9E03006	EPA 8270E	05/09/19 11:43	jfi	QV-01
Disulfoton [298-04-4]^	0.050	U	mg/kg dry	4	0.050	0.077	9E03006	EPA 8270E	05/09/19 11:43	jfi	
EPN [2104-64-5]^	0.041	U	mg/kg dry	4	0.041	0.077	9E03006	EPA 8270E	05/09/19 11:43	jfi	QV-01
Ethion [563-12-2]^	0.050	U	mg/kg dry	4	0.050	0.077	9E03006	EPA 8270E	05/09/19 11:43	jfi	
Ethoprop [13194-48-4]^	0.045	U	mg/kg dry	4	0.045	0.077	9E03006	EPA 8270E	05/09/19 11:43	jfi	
Ethyl Parathion [56-38-2]^	0.045	U	mg/kg dry	4	0.045	0.077	9E03006	EPA 8270E	05/09/19 11:43	jfi	QV-01
Fensulfthion [115-90-2]^	0.036	U	mg/kg dry	4	0.036	0.077	9E03006	EPA 8270E	05/09/19 11:43	jfi	
Fenthion [55-38-9]^	0.045	U	mg/kg dry	4	0.045	0.077	9E03006	EPA 8270E	05/09/19 11:43	jfi	
Malathion [121-75-5]^	0.050	U	mg/kg dry	4	0.050	0.077	9E03006	EPA 8270E	05/09/19 11:43	jfi	
Merphos [150-50-5]^	0.055	U	mg/kg dry	4	0.055	0.077	9E03006	EPA 8270E	05/09/19 11:43	jfi	
Methyl parathion [298-00-0]^	0.050	U	mg/kg dry	4	0.050	0.077	9E03006	EPA 8270E	05/09/19 11:43	jfi	
Mevinphos [7786-34-7]^	0.050	U	mg/kg dry	4	0.050	0.077	9E03006	EPA 8270E	05/09/19 11:43	jfi	QV-01
Monocrotophos [6923-22-4]^	0.073	U	mg/kg dry	4	0.073	0.077	9E03006	EPA 8270E	05/09/19 11:43	jfi	QV-01
Naled [300-76-5]^	0.015	U	mg/kg dry	4	0.015	0.15	9E03006	EPA 8270E	05/09/19 11:43	jfi	
Phorate [298-02-2]^	0.045	U	mg/kg dry	4	0.045	0.077	9E03006	EPA 8270E	05/09/19 11:43	jfi	
Ronnel [299-84-3]^	0.045	U	mg/kg dry	4	0.045	0.077	9E03006	EPA 8270E	05/09/19 11:43	jfi	
Stirophos (Tetrachlorvinphos) [22248-79-9]^	0.055	U	mg/kg dry	4	0.055	0.077	9E03006	EPA 8270E	05/09/19 11:43	jfi	
Sulfotep [3689-24-5]^	0.037	U	mg/kg dry	4	0.037	0.077	9E03006	EPA 8270E	05/09/19 11:43	jfi	
TEPP [107-49-3]^	0.032	U	mg/kg dry	4	0.032	0.15	9E03006	EPA 8270E	05/09/19 11:43	jfi	
Tokuthion (Prothiofos) [34643-46-4]^	0.055	U	mg/kg dry	4	0.055	0.077	9E03006	EPA 8270E	05/09/19 11:43	jfi	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
Tributyl Phosphate	0.061	4	0.0754	81 %	33-127	9E03006	EPA 8270E	05/09/19 11:43	jfi	
Triphenyl phosphate	0.027	4	0.0754	36 %	34-158	9E03006	EPA 8270E	05/09/19 11:43	jfi	

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8]^	0.0018	U	mg/kg dry	2	0.0018	0.0039	9E07003	EPA 8081B	05/08/19 15:55	JJB	
4,4'-DDE [72-55-9]^	0.0015	U	mg/kg dry	2	0.0015	0.0039	9E07003	EPA 8081B	05/08/19 15:55	JJB	
4,4'-DDT [50-29-3]^	0.0015	U	mg/kg dry	2	0.0015	0.0039	9E07003	EPA 8081B	05/08/19 15:55	JJB	
Aldrin [309-00-2]^	0.0012	U	mg/kg dry	2	0.0012	0.0039	9E07003	EPA 8081B	05/08/19 15:55	JJB	
alpha-BHC [319-84-6]^	0.0013	U	mg/kg dry	2	0.0013	0.0039	9E07003	EPA 8081B	05/08/19 15:55	JJB	
beta-BHC [319-85-7]^	0.0027	U	mg/kg dry	2	0.0027	0.0039	9E07003	EPA 8081B	05/08/19 15:55	JJB	
Chlordane (tech) [12789-03-6]^	0.016	U	mg/kg dry	2	0.016	0.075	9E07003	EPA 8081B	05/08/19 15:55	JJB	
Chlordane-alpha [5103-71-9]^	0.0015	U	mg/kg dry	2	0.0015	0.0039	9E07003	EPA 8081B	05/08/19 15:55	JJB	
Chlordane-gamma [5103-74-2]^	0.0018	U	mg/kg dry	2	0.0018	0.0039	9E07003	EPA 8081B	05/08/19 15:55	JJB	
delta-BHC [319-86-8]^	0.0014	U	mg/kg dry	2	0.0014	0.0039	9E07003	EPA 8081B	05/08/19 15:55	JJB	
Dieldrin [60-57-1]^	0.25		mg/kg dry	2	0.0010	0.0039	9E07003	EPA 8081B	05/08/19 15:55	JJB	

ANALYTICAL RESULTS

Description: SS-11-0.5

Lab Sample ID: AC03344-21

Received: 05/02/19 08:00

Matrix: Soil

Sampled: 05/01/19 10:28

Work Order: AC03344

Project: Baypoint Gulf Course

Sampled By: Mitchell Collins

% Solids: 87.97

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Endosulfan I [959-98-8]^	0.00091	U	mg/kg dry	2	0.00091	0.0039	9E07003	EPA 8081B	05/08/19 15:55	JJB	
Endosulfan II [33213-65-9]^	0.0020	U	mg/kg dry	2	0.0020	0.0039	9E07003	EPA 8081B	05/08/19 15:55	JJB	
Endosulfan sulfate [1031-07-8]^	0.0014	U	mg/kg dry	2	0.0014	0.0039	9E07003	EPA 8081B	05/08/19 15:55	JJB	
Endrin [72-20-8]^	0.0017	U	mg/kg dry	2	0.0017	0.0039	9E07003	EPA 8081B	05/08/19 15:55	JJB	
Endrin aldehyde [7421-93-4]^	0.0032	U	mg/kg dry	2	0.0032	0.0039	9E07003	EPA 8081B	05/08/19 15:55	JJB	
Endrin ketone [53494-70-5]^	0.0014	U	mg/kg dry	2	0.0014	0.0039	9E07003	EPA 8081B	05/08/19 15:55	JJB	
gamma-BHC [58-89-9]^	0.0014	U	mg/kg dry	2	0.0014	0.0039	9E07003	EPA 8081B	05/08/19 15:55	JJB	
Heptachlor [76-44-8]^	0.0015	U	mg/kg dry	2	0.0015	0.0039	9E07003	EPA 8081B	05/08/19 15:55	JJB	
Heptachlor epoxide [1024-57-3]^	0.0017	U	mg/kg dry	2	0.0017	0.0039	9E07003	EPA 8081B	05/08/19 15:55	JJB	
Isodrin [465-73-6]^	0.0014	U	mg/kg dry	2	0.0014	0.0039	9E07003	EPA 8081B	05/08/19 15:55	JJB	
Methoxychlor [72-43-5]^	0.0021	U	mg/kg dry	2	0.0021	0.0039	9E07003	EPA 8081B	05/08/19 15:55	JJB	
Mirex [2385-85-5]^	0.0025	U	mg/kg dry	2	0.0025	0.0039	9E07003	EPA 8081B	05/08/19 15:55	JJB	
Toxaphene [8001-35-2]^	0.039	U	mg/kg dry	2	0.039	0.075	9E07003	EPA 8081B	05/08/19 15:55	JJB	
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>	
2,4,5,6-TCMX	0.012	2	0.0381	32 %	20-137	9E07003	EPA 8081B	05/08/19 15:55	JJB		
Decachlorobiphenyl	0.030	2	0.0381	78 %	13-183	9E07003	EPA 8081B	05/08/19 15:55	JJB		

Chlorinated Herbicides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
2,4,5-T [93-76-5]^	0.0030	U	mg/kg dry	1	0.0030	0.011	9E03001	EPA 8151A	05/06/19 20:59	RGG	
2,4,5-TP (Silvex) [93-72-1]^	0.0053	U	mg/kg dry	1	0.0053	0.011	9E03001	EPA 8151A	05/06/19 20:59	RGG	
2,4-D [94-75-7]^	0.011	U	mg/kg dry	1	0.011	0.011	9E03001	EPA 8151A	05/06/19 20:59	RGG	
2,4-DB [94-82-6]^	0.011	U	mg/kg dry	1	0.011	0.011	9E03001	EPA 8151A	05/06/19 20:59	RGG	
3,5-DCBA [51-365-5]^	0.0055	U	mg/kg dry	1	0.0055	0.011	9E03001	EPA 8151A	05/06/19 20:59	RGG	
4-Nitrophenol [100-02-7]^	0.011	U	mg/kg dry	1	0.011	0.011	9E03001	EPA 8151A	05/06/19 20:59	RGG	
Acifluorfen [50594-66-6]^	0.0081	U	mg/kg dry	1	0.0081	0.011	9E03001	EPA 8151A	05/06/19 20:59	RGG	
Bentazon [25057-89-0]^	0.0051	U	mg/kg dry	1	0.0051	0.011	9E03001	EPA 8151A	05/06/19 20:59	RGG	
Chloramben [133-90-4]^	0.0044	U	mg/kg dry	1	0.0044	0.011	9E03001	EPA 8151A	05/06/19 20:59	RGG	QV-01
Dacthal [1861-32-1]^	0.0027	U	mg/kg dry	1	0.0027	0.011	9E03001	EPA 8151A	05/06/19 20:59	RGG	
Dalapon [75-99-0]^	0.0057	U	mg/kg dry	1	0.0057	0.011	9E03001	EPA 8151A	05/06/19 20:59	RGG	
Dicamba [1918-00-9]^	0.0048	U	mg/kg dry	1	0.0048	0.011	9E03001	EPA 8151A	05/06/19 20:59	RGG	
Dichlorprop [120-36-5]^	0.0039	U	mg/kg dry	1	0.0039	0.011	9E03001	EPA 8151A	05/06/19 20:59	RGG	
Dinoseb [88-85-7]^	0.0048	U	mg/kg dry	1	0.0048	0.011	9E03001	EPA 8151A	05/06/19 20:59	RGG	
MCPA [94-74-6]^	0.85	U	mg/kg dry	1	0.85	1.1	9E03001	EPA 8151A	05/06/19 20:59	RGG	
MCPP [7085-19-0]^	0.88	U	mg/kg dry	1	0.88	1.1	9E03001	EPA 8151A	05/06/19 20:59	RGG	
Pentachlorophenol [87-86-5]^	0.0028	U	mg/kg dry	1	0.0028	0.011	9E03001	EPA 8151A	05/06/19 20:59	RGG	
Picloram [1918-02-1]^	0.0030	U	mg/kg dry	1	0.0030	0.011	9E03001	EPA 8151A	05/06/19 20:59	RGG	QV-01
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>	
2,4-DCAA	0.028	1	0.0454	61 %	16-169	9E03001	EPA 8151A	05/06/19 20:59	RGG		



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ANALYTICAL RESULTS

Description: SS-11-0.5

Lab Sample ID: AC03344-21

Received: 05/02/19 08:00

Matrix: Soil

Sampled: 05/01/19 10:28

Work Order: AC03344

Project: Baypoint Gulf Course

Sampled By: Mitchell Collins

% Solids: 87.97

Metals by EPA 6000/7000 Series Methods

^ - ENCO Jacksonville certified analyte [NELAC E82277]

<u>Analyte [CAS Number]</u>	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
Arsenic [7440-38-2]^	0.648		mg/kg dry	1	0.512	0.568	9E08001	EPA 6010C	05/09/19 12:13	ACV	
Barium [7440-39-3]^	10.9		mg/kg dry	1	0.159	0.568	9E08001	EPA 6010C	05/09/19 12:13	ACV	

ANALYTICAL RESULTS

Description: SS-12-0.5

Lab Sample ID: AC03344-23

Received: 05/02/19 08:00

Matrix: Soil

Sampled: 05/01/19 10:38

Work Order: AC03344

Project: Baypoint Gulf Course

Sampled By: Mitchell Collins

% Solids: 86.01

Semivolatile Organic Compounds by GCMS

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Azinphos-methyl [86-50-0]^	0.065	U	mg/kg dry	4	0.065	0.079	9E03006	EPA 8270E	05/09/19 12:16	jfi	QV-01
Bolstar [35400-43-2]^	0.070	U	mg/kg dry	4	0.070	0.079	9E03006	EPA 8270E	05/09/19 12:16	jfi	
Chlorpyrifos [2921-88-2]^	0.047	U	mg/kg dry	4	0.047	0.079	9E03006	EPA 8270E	05/09/19 12:16	jfi	
Coumaphos [56-72-4]^	0.060	U	mg/kg dry	4	0.060	0.079	9E03006	EPA 8270E	05/09/19 12:16	jfi	
Demeton [8065-48-3]^	0.051	U	mg/kg dry	4	0.051	0.079	9E03006	EPA 8270E	05/09/19 12:16	jfi	QV-01
Diazinon [333-41-5]^	0.051	U	mg/kg dry	4	0.051	0.079	9E03006	EPA 8270E	05/09/19 12:16	jfi	
Dichlorofenthion [97-17-6]^	0.041	U	mg/kg dry	4	0.041	0.079	9E03006	EPA 8270E	05/09/19 12:16	jfi	
Dichlorvos [62-73-7]^	0.065	U	mg/kg dry	4	0.065	0.079	9E03006	EPA 8270E	05/09/19 12:16	jfi	
Dimethoate [60-51-5]^	0.051	U	mg/kg dry	4	0.051	0.079	9E03006	EPA 8270E	05/09/19 12:16	jfi	QV-01
Disulfoton [298-04-4]^	0.051	U	mg/kg dry	4	0.051	0.079	9E03006	EPA 8270E	05/09/19 12:16	jfi	
EPN [2104-64-5]^	0.042	U	mg/kg dry	4	0.042	0.079	9E03006	EPA 8270E	05/09/19 12:16	jfi	QV-01
Ethion [563-12-2]^	0.051	U	mg/kg dry	4	0.051	0.079	9E03006	EPA 8270E	05/09/19 12:16	jfi	
Ethoprop [13194-48-4]^	0.047	U	mg/kg dry	4	0.047	0.079	9E03006	EPA 8270E	05/09/19 12:16	jfi	
Ethyl Parathion [56-38-2]^	0.046	U	mg/kg dry	4	0.046	0.079	9E03006	EPA 8270E	05/09/19 12:16	jfi	QV-01
Fensulfthion [115-90-2]^	0.037	U	mg/kg dry	4	0.037	0.079	9E03006	EPA 8270E	05/09/19 12:16	jfi	
Fenthion [55-38-9]^	0.047	U	mg/kg dry	4	0.047	0.079	9E03006	EPA 8270E	05/09/19 12:16	jfi	
Malathion [121-75-5]^	0.051	U	mg/kg dry	4	0.051	0.079	9E03006	EPA 8270E	05/09/19 12:16	jfi	
Merphos [150-50-5]^	0.056	U	mg/kg dry	4	0.056	0.079	9E03006	EPA 8270E	05/09/19 12:16	jfi	
Methyl parathion [298-00-0]^	0.051	U	mg/kg dry	4	0.051	0.079	9E03006	EPA 8270E	05/09/19 12:16	jfi	
Mevinphos [7786-34-7]^	0.051	U	mg/kg dry	4	0.051	0.079	9E03006	EPA 8270E	05/09/19 12:16	jfi	QV-01
Monocrotophos [6923-22-4]^	0.074	U	mg/kg dry	4	0.074	0.079	9E03006	EPA 8270E	05/09/19 12:16	jfi	QV-01
Naled [300-76-5]^	0.015	U	mg/kg dry	4	0.015	0.15	9E03006	EPA 8270E	05/09/19 12:16	jfi	
Phorate [298-02-2]^	0.047	U	mg/kg dry	4	0.047	0.079	9E03006	EPA 8270E	05/09/19 12:16	jfi	
Ronnel [299-84-3]^	0.047	U	mg/kg dry	4	0.047	0.079	9E03006	EPA 8270E	05/09/19 12:16	jfi	
Stirophos (Tetrachlorvinphos) [22248-79-9]^	0.056	U	mg/kg dry	4	0.056	0.079	9E03006	EPA 8270E	05/09/19 12:16	jfi	
Sulfotep [3689-24-5]^	0.038	U	mg/kg dry	4	0.038	0.079	9E03006	EPA 8270E	05/09/19 12:16	jfi	
TEPP [107-49-3]^	0.033	U	mg/kg dry	4	0.033	0.15	9E03006	EPA 8270E	05/09/19 12:16	jfi	
Tokuthion (Prothiofos) [34643-46-4]^	0.056	U	mg/kg dry	4	0.056	0.079	9E03006	EPA 8270E	05/09/19 12:16	jfi	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
Tributyl Phosphate	0.073	4	0.0774	94 %	33-127	9E03006	EPA 8270E	05/09/19 12:16	jfi	
Triphenyl phosphate	0.040	4	0.0774	52 %	34-158	9E03006	EPA 8270E	05/09/19 12:16	jfi	

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8]^	0.0019	U	mg/kg dry	2	0.0019	0.0040	9E07003	EPA 8081B	05/08/19 16:07	JJB	
4,4'-DDE [72-55-9]^	0.0015	U	mg/kg dry	2	0.0015	0.0040	9E07003	EPA 8081B	05/08/19 16:07	JJB	
4,4'-DDT [50-29-3]^	0.0015	U	mg/kg dry	2	0.0015	0.0040	9E07003	EPA 8081B	05/08/19 16:07	JJB	
Aldrin [309-00-2]^	0.0012	U	mg/kg dry	2	0.0012	0.0040	9E07003	EPA 8081B	05/08/19 16:07	JJB	
alpha-BHC [319-84-6]^	0.0013	U	mg/kg dry	2	0.0013	0.0040	9E07003	EPA 8081B	05/08/19 16:07	JJB	
beta-BHC [319-85-7]^	0.0028	U	mg/kg dry	2	0.0028	0.0040	9E07003	EPA 8081B	05/08/19 16:07	JJB	
Chlordane (tech) [12789-03-6]^	0.017	U	mg/kg dry	2	0.017	0.077	9E07003	EPA 8081B	05/08/19 16:07	JJB	
Chlordane-alpha [5103-71-9]^	0.0015	U	mg/kg dry	2	0.0015	0.0040	9E07003	EPA 8081B	05/08/19 16:07	JJB	
Chlordane-gamma [5103-74-2]^	0.0018	U	mg/kg dry	2	0.0018	0.0040	9E07003	EPA 8081B	05/08/19 16:07	JJB	
delta-BHC [319-86-8]^	0.0014	U	mg/kg dry	2	0.0014	0.0040	9E07003	EPA 8081B	05/08/19 16:07	JJB	
Dieldrin [60-57-1]^	0.0010	U	mg/kg dry	2	0.0010	0.0040	9E07003	EPA 8081B	05/08/19 16:07	JJB	

ANALYTICAL RESULTS

Description: SS-12-0.5

Lab Sample ID: AC03344-23

Received: 05/02/19 08:00

Matrix: Soil

Sampled: 05/01/19 10:38

Work Order: AC03344

Project: Baypoint Gulf Course

Sampled By: Mitchell Collins

% Solids: 86.01

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Endosulfan I [959-98-8]^	0.00093	U	mg/kg dry	2	0.00093	0.0040	9E07003	EPA 8081B	05/08/19 16:07	JJB	
Endosulfan II [33213-65-9]^	0.0020	U	mg/kg dry	2	0.0020	0.0040	9E07003	EPA 8081B	05/08/19 16:07	JJB	
Endosulfan sulfate [1031-07-8]^	0.0014	U	mg/kg dry	2	0.0014	0.0040	9E07003	EPA 8081B	05/08/19 16:07	JJB	
Endrin [72-20-8]^	0.0017	U	mg/kg dry	2	0.0017	0.0040	9E07003	EPA 8081B	05/08/19 16:07	JJB	
Endrin aldehyde [7421-93-4]^	0.0033	U	mg/kg dry	2	0.0033	0.0040	9E07003	EPA 8081B	05/08/19 16:07	JJB	
Endrin ketone [53494-70-5]^	0.0014	U	mg/kg dry	2	0.0014	0.0040	9E07003	EPA 8081B	05/08/19 16:07	JJB	
gamma-BHC [58-89-9]^	0.0014	U	mg/kg dry	2	0.0014	0.0040	9E07003	EPA 8081B	05/08/19 16:07	JJB	
Heptachlor [76-44-8]^	0.0015	U	mg/kg dry	2	0.0015	0.0040	9E07003	EPA 8081B	05/08/19 16:07	JJB	
Heptachlor epoxide [1024-57-3]^	0.0017	U	mg/kg dry	2	0.0017	0.0040	9E07003	EPA 8081B	05/08/19 16:07	JJB	
Isodrin [465-73-6]^	0.0014	U	mg/kg dry	2	0.0014	0.0040	9E07003	EPA 8081B	05/08/19 16:07	JJB	
Methoxychlor [72-43-5]^	0.0022	U	mg/kg dry	2	0.0022	0.0040	9E07003	EPA 8081B	05/08/19 16:07	JJB	
Mirex [2385-85-5]^	0.0026	U	mg/kg dry	2	0.0026	0.0040	9E07003	EPA 8081B	05/08/19 16:07	JJB	
Toxaphene [8001-35-2]^	0.040	U	mg/kg dry	2	0.040	0.077	9E07003	EPA 8081B	05/08/19 16:07	JJB	
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>	
2,4,5,6-TCMX	0.016	2	0.0386	42 %	20-137	9E07003	EPA 8081B	05/08/19 16:07	JJB		
Decachlorobiphenyl	0.37	2	0.0386	968 %	13-183	9E07003	EPA 8081B	05/08/19 16:07	JJB	E, QS-06	

Chlorinated Herbicides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
2,4,5-T [93-76-5]^	0.0030	U	mg/kg dry	1	0.0030	0.012	9E03001	EPA 8151A	05/06/19 21:24	RGG	
2,4,5-TP (Silvex) [93-72-1]^	0.0055	U	mg/kg dry	1	0.0055	0.012	9E03001	EPA 8151A	05/06/19 21:24	RGG	
2,4-D [94-75-7]^	0.012	U	mg/kg dry	1	0.012	0.012	9E03001	EPA 8151A	05/06/19 21:24	RGG	
2,4-DB [94-82-6]^	0.011	U	mg/kg dry	1	0.011	0.012	9E03001	EPA 8151A	05/06/19 21:24	RGG	
3,5-DCBA [51-365-5]^	0.0056	U	mg/kg dry	1	0.0056	0.012	9E03001	EPA 8151A	05/06/19 21:24	RGG	
4-Nitrophenol [100-02-7]^	0.011	U	mg/kg dry	1	0.011	0.012	9E03001	EPA 8151A	05/06/19 21:24	RGG	
Acifluorfen [50594-66-6]^	0.0083	U	mg/kg dry	1	0.0083	0.012	9E03001	EPA 8151A	05/06/19 21:24	RGG	
Bentazon [25057-89-0]^	0.0052	U	mg/kg dry	1	0.0052	0.012	9E03001	EPA 8151A	05/06/19 21:24	RGG	
Chloramben [133-90-4]^	0.0045	U	mg/kg dry	1	0.0045	0.012	9E03001	EPA 8151A	05/06/19 21:24	RGG	QV-01
Dacthal [1861-32-1]^	0.0028	U	mg/kg dry	1	0.0028	0.012	9E03001	EPA 8151A	05/06/19 21:24	RGG	
Dalapon [75-99-0]^	0.0058	U	mg/kg dry	1	0.0058	0.012	9E03001	EPA 8151A	05/06/19 21:24	RGG	
Dicamba [1918-00-9]^	0.0049	U	mg/kg dry	1	0.0049	0.012	9E03001	EPA 8151A	05/06/19 21:24	RGG	
Dichlorprop [120-36-5]^	0.0040	U	mg/kg dry	1	0.0040	0.012	9E03001	EPA 8151A	05/06/19 21:24	RGG	
Dinoseb [88-85-7]^	0.0049	U	mg/kg dry	1	0.0049	0.012	9E03001	EPA 8151A	05/06/19 21:24	RGG	
MCPA [94-74-6]^	0.87	U	mg/kg dry	1	0.87	1.2	9E03001	EPA 8151A	05/06/19 21:24	RGG	
MCPP [7085-19-0]^	0.90	U	mg/kg dry	1	0.90	1.2	9E03001	EPA 8151A	05/06/19 21:24	RGG	
Pentachlorophenol [87-86-5]^	0.0029	U	mg/kg dry	1	0.0029	0.012	9E03001	EPA 8151A	05/06/19 21:24	RGG	
Picloram [1918-02-1]^	0.0030	U	mg/kg dry	1	0.0030	0.012	9E03001	EPA 8151A	05/06/19 21:24	RGG	QV-01
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>	
2,4-DCAA	0.029	1	0.0463	64 %	16-169	9E03001	EPA 8151A	05/06/19 21:24	RGG		



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ANALYTICAL RESULTS

Description: SS-12-0.5

Lab Sample ID: AC03344-23

Received: 05/02/19 08:00

Matrix: Soil

Sampled: 05/01/19 10:38

Work Order: AC03344

Project: Baypoint Gulf Course

Sampled By: Mitchell Collins

% Solids: 86.01

Metals by EPA 6000/7000 Series Methods

^ - ENCO Jacksonville certified analyte [NELAC E82277]

<u>Analyte [CAS Number]</u>	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
Arsenic [7440-38-2]^	3.02		mg/kg dry	1	0.707	0.786	9E08001	EPA 6010C	05/09/19 12:19	ACV	
Barium [7440-39-3]^	4.82		mg/kg dry	1	0.220	0.786	9E08001	EPA 6010C	05/09/19 12:19	ACV	

QUALITY CONTROL DATA

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 9E03006 - SOP EXSV-33

Blank (9E03006-BLK1)

Prepared: 05/03/2019 09:32 Analyzed: 05/06/2019 10:49

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Azinphos-methyl	0.014	U	0.017	mg/kg wet							
Bolstar	0.015	U	0.017	mg/kg wet							
Chlorpyrifos	0.010	U	0.017	mg/kg wet							
Coumaphos	0.013	U	0.017	mg/kg wet							
Demeton	0.011	U	0.017	mg/kg wet							
Diazinon	0.011	U	0.017	mg/kg wet							
Dichlorofenthion	0.0089	U	0.017	mg/kg wet							
Dichlorvos	0.014	U	0.017	mg/kg wet							
Dimethoate	0.011	U	0.017	mg/kg wet							
Disulfoton	0.011	U	0.017	mg/kg wet							
EPN	0.0091	U	0.017	mg/kg wet							
Ethion	0.011	U	0.017	mg/kg wet							
Ethoprop	0.010	U	0.017	mg/kg wet							
Ethyl Parathion	0.0099	U	0.017	mg/kg wet							
Fensulfothion	0.0079	U	0.017	mg/kg wet							
Fenthion	0.010	U	0.017	mg/kg wet							
Malathion	0.011	U	0.017	mg/kg wet							
Merphos	0.012	U	0.017	mg/kg wet							
Methyl parathion	0.011	U	0.017	mg/kg wet							
Mevinphos	0.011	U	0.017	mg/kg wet							
Monocrotophos	0.016	U	0.017	mg/kg wet							
Naled	0.0032	U	0.033	mg/kg wet							
Phorate	0.010	U	0.017	mg/kg wet							
Ronnel	0.010	U	0.017	mg/kg wet							
Stirophos (Tetrachlorvinphos)	0.012	U	0.017	mg/kg wet							
Sulfotep	0.0081	U	0.017	mg/kg wet							
TEPP	0.0070	U	0.033	mg/kg wet							
Tokuthion (Prothiofos)	0.012	U	0.017	mg/kg wet							
Tributyl Phosphate	0.072			mg/kg wet	0.0670		107	33-127			
Triphenyl phosphate	0.049			mg/kg wet	0.0670		73	34-158			

LCS (9E03006-BS1)

Prepared: 05/03/2019 09:32 Analyzed: 05/06/2019 13:40

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chlorpyrifos	0.078		0.017	mg/kg wet	0.0667		117	46-122			
Dimethoate	0.076		0.017	mg/kg wet	0.0667		114	38-130			
EPN	0.084		0.017	mg/kg wet	0.0667		126	34-128			
Malathion	0.072		0.017	mg/kg wet	0.0667		109	44-126			
Monocrotophos	0.050		0.017	mg/kg wet	0.0667		75	16-136			
Naled	0.036		0.033	mg/kg wet	0.0667		54	5-121			
Sulfotep	0.070		0.017	mg/kg wet	0.0667		105	40-127			
TEPP	0.0051	I	0.033	mg/kg wet	0.0667		8	5-167			
Tributyl Phosphate	0.074			mg/kg wet	0.0670		111	33-127			
Triphenyl phosphate	0.049			mg/kg wet	0.0670		74	34-158			

Matrix Spike (9E03006-MS1)

Prepared: 05/03/2019 09:32 Analyzed: 05/06/2019 11:55

Source: AC03288-19

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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QUALITY CONTROL DATA

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 9E03006 - SOP EXSV-33 - Continued

Matrix Spike (9E03006-MS1) Continued

Prepared: 05/03/2019 09:32 Analyzed: 05/06/2019 11:55

Source: AC03288-19

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chlorpyrifos	0.070	I	0.071	mg/kg dry	0.0692	0.042 U	100	46-122			
Dimethoate	0.066	I	0.071	mg/kg dry	0.0692	0.046 U	95	38-130			
EPN	0.079		0.071	mg/kg dry	0.0692	0.038 U	114	34-128			
Malathion	0.064	I	0.071	mg/kg dry	0.0692	0.046 U	93	44-126			
Monocrotophos	0.050	I	0.071	mg/kg dry	0.0692	0.0 U	72	16-136			
Naled	0.035	I	0.14	mg/kg dry	0.0692	0.013 U	51	5-121			
Sulfotep	0.058	I	0.071	mg/kg dry	0.0692	0.034 U	84	40-127			
TEPP	0.0026	I	0.14	mg/kg dry	0.0692	0.0 U	4	5-167			QM-07
Tributyl Phosphate	0.064	I		mg/kg dry	0.0696		92	33-127			
Triphenyl phosphate	0.043	I		mg/kg dry	0.0696		62	34-158			

Matrix Spike Dup (9E03006-MSD1)

Prepared: 05/03/2019 09:32 Analyzed: 05/06/2019 12:28

Source: AC03288-19

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chlorpyrifos	0.082		0.071	mg/kg dry	0.0692	0.042 U	118	46-122	16	13	QM-11
Dimethoate	0.074		0.071	mg/kg dry	0.0692	0.046 U	107	38-130	12	15	
EPN	0.089		0.071	mg/kg dry	0.0692	0.038 U	128	34-128	12	16	
Malathion	0.077		0.071	mg/kg dry	0.0692	0.046 U	111	44-126	18	14	QM-11
Monocrotophos	0.057	I	0.071	mg/kg dry	0.0692	0.0 U	82	16-136		20	
Naled	0.023	I	0.14	mg/kg dry	0.0692	0.013 U	34	5-121	41	25	QM-11
Sulfotep	0.068	I	0.071	mg/kg dry	0.0692	0.034 U	98	40-127	15	14	QM-11
TEPP	0.0045	I	0.14	mg/kg dry	0.0692	0.0 U	7	5-167		35	
Tributyl Phosphate	0.075			mg/kg dry	0.0696		108	33-127			
Triphenyl phosphate	0.049	I		mg/kg dry	0.0696		71	34-158			

Batch 9E08053 - SOP EXSV-33

Blank (9E08053-BLK1)

Prepared: 05/08/2019 21:21 Analyzed: 05/09/2019 12:49

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Azinphos-methyl	0.014	U	0.017	mg/kg wet							
Bolstar	0.015	U	0.017	mg/kg wet							
Chlorpyrifos	0.010	U	0.017	mg/kg wet							
Coumaphos	0.013	U	0.017	mg/kg wet							
Demeton	0.011	U	0.017	mg/kg wet							
Diazinon	0.011	U	0.017	mg/kg wet							
Dichlorofenthion	0.0089	U	0.017	mg/kg wet							
Dichlorvos	0.014	U	0.017	mg/kg wet							
Dimethoate	0.011	U	0.017	mg/kg wet							
Disulfoton	0.011	U	0.017	mg/kg wet							
EPN	0.0091	U	0.017	mg/kg wet							
Ethion	0.011	U	0.017	mg/kg wet							
Ethoprop	0.010	U	0.017	mg/kg wet							
Ethyl Parathion	0.0099	U	0.017	mg/kg wet							
Fensulfothion	0.0079	U	0.017	mg/kg wet							
Fenthion	0.010	U	0.017	mg/kg wet							
Malathion	0.011	U	0.017	mg/kg wet							
Merphos	0.012	U	0.017	mg/kg wet							

QUALITY CONTROL DATA

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 9E08053 - SOP EXSV-33 - Continued

Blank (9E08053-BLK1) Continued

Prepared: 05/08/2019 21:21 Analyzed: 05/09/2019 12:49

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Methyl parathion	0.011	U	0.017	mg/kg wet							
Mevinphos	0.011	U	0.017	mg/kg wet							
Monocrotophos	0.016	U	0.017	mg/kg wet							
Naled	0.0032	U	0.033	mg/kg wet							
Phorate	0.010	U	0.017	mg/kg wet							
Ronnel	0.010	U	0.017	mg/kg wet							
Stirophos (Tetrachlorvinphos)	0.012	U	0.017	mg/kg wet							
Sulfotep	0.0081	U	0.017	mg/kg wet							
TEPP	0.0070	U	0.033	mg/kg wet							
Tokuthion (Prothiofos)	0.012	U	0.017	mg/kg wet							
Tributyl Phosphate	0.073			mg/kg wet	0.0670		109	33-127			
Triphenyl phosphate	0.043			mg/kg wet	0.0670		64	34-158			

LCS (9E08053-BS1)

Prepared: 05/08/2019 21:21 Analyzed: 05/10/2019 12:11

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chlorpyrifos	0.086		0.017	mg/kg wet	0.0667		128	46-122			QL-02
Dimethoate	0.081		0.017	mg/kg wet	0.0667		122	38-130			
EPN	0.10		0.017	mg/kg wet	0.0667		157	34-128			QL-02
Malathion	0.080		0.017	mg/kg wet	0.0667		120	44-126			
Monocrotophos	0.057		0.017	mg/kg wet	0.0667		85	16-136			
Naled	0.020	I	0.033	mg/kg wet	0.0667		30	5-121			
Sulfotep	0.076		0.017	mg/kg wet	0.0667		114	40-127			
TEPP	0.015	I	0.033	mg/kg wet	0.0667		22	5-167			
Tributyl Phosphate	0.082			mg/kg wet	0.0670		122	33-127			
Triphenyl phosphate	0.067			mg/kg wet	0.0670		100	34-158			

Matrix Spike (9E08053-MS1)

Prepared: 05/08/2019 21:21 Analyzed: 05/09/2019 13:57

Source: AC03344-03

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chlorpyrifos	0.066	I	0.074	mg/kg dry	0.0740	0.044 U	90	46-122			
Dimethoate	0.060	I	0.074	mg/kg dry	0.0740	0.048 U	81	38-130			
EPN	0.074		0.074	mg/kg dry	0.0740	0.040 U	100	34-128			
Malathion	0.061	I	0.074	mg/kg dry	0.0740	0.048 U	82	44-126			
Monocrotophos	0.045	I	0.074	mg/kg dry	0.0740	0.0 U	61	16-136			
Naled	0.0	I	0.14	mg/kg dry	0.0740	0.0 U		5-121			QM-07
Sulfotep	0.062	I	0.074	mg/kg dry	0.0740	0.035 U	84	40-127			
TEPP	0.0026	I	0.14	mg/kg dry	0.0740	0.0 U	4	5-167			QM-07
Tributyl Phosphate	0.066	I		mg/kg dry	0.0744		89	33-127			
Triphenyl phosphate	0.037	I		mg/kg dry	0.0744		49	34-158			

Matrix Spike Dup (9E08053-MSD1)

Prepared: 05/08/2019 21:21 Analyzed: 05/09/2019 14:30

Source: AC03344-03

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chlorpyrifos	0.068	I	0.074	mg/kg dry	0.0730	0.044 U	93	46-122	2	13	
Dimethoate	0.062	I	0.074	mg/kg dry	0.0730	0.048 U	85	38-130	3	15	
EPN	0.076		0.074	mg/kg dry	0.0730	0.040 U	105	34-128	3	16	

QUALITY CONTROL DATA

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 9E08053 - SOP EXSV-33 - Continued

Matrix Spike Dup (9E08053-MSD1) Continued

Prepared: 05/08/2019 21:21 Analyzed: 05/09/2019 14:30

Source: AC03344-03

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Malathion	0.062	I	0.074	mg/kg dry	0.0730	0.048 U	85	44-126	2	14	
Monocrotophos	0.045	I	0.074	mg/kg dry	0.0730	0.0 U	62	16-136		20	
Naled	0.014	U	0.14	mg/kg dry	0.0730	0.014 U		5-121		25	QM-07
Sulfotep	0.057	I	0.074	mg/kg dry	0.0730	0.035 U	79	40-127	8	14	
TEPP	0.0040	I	0.14	mg/kg dry	0.0730	0.0 U	5	5-167		35	
Tributyl Phosphate	0.063	I		mg/kg dry	0.0734		86	33-127			
Triphenyl phosphate	0.037	I		mg/kg dry	0.0734		50	34-158			

Organochlorine Pesticides by GC - Quality Control

Batch 9E06021 - SOP EXSV-33

Blank (9E06021-BLK1)

Prepared: 05/06/2019 10:45 Analyzed: 05/07/2019 09:08

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
4,4'-DDD	0.00080	U	0.0017	mg/kg wet							
4,4'-DDE	0.00065	U	0.0017	mg/kg wet							
4,4'-DDT	0.00066	U	0.0017	mg/kg wet							
Aldrin	0.00051	U	0.0017	mg/kg wet							
alpha-BHC	0.00056	U	0.0017	mg/kg wet							
beta-BHC	0.0012	U	0.0017	mg/kg wet							
Chlordane (tech)	0.0072	U	0.033	mg/kg wet							
Chlordane-alpha	0.00066	U	0.0017	mg/kg wet							
Chlordane-gamma	0.00077	U	0.0017	mg/kg wet							
delta-BHC	0.00062	U	0.0017	mg/kg wet							
Dieldrin	0.00045	U	0.0017	mg/kg wet							
Endosulfan I	0.00040	U	0.0017	mg/kg wet							
Endosulfan II	0.00087	U	0.0017	mg/kg wet							
Endosulfan sulfate	0.00060	U	0.0017	mg/kg wet							
Endrin	0.00074	U	0.0017	mg/kg wet							
Endrin aldehyde	0.0014	U	0.0017	mg/kg wet							
Endrin ketone	0.00060	U	0.0017	mg/kg wet							
gamma-BHC	0.00060	U	0.0017	mg/kg wet							
Heptachlor	0.00066	U	0.0017	mg/kg wet							
Heptachlor epoxide	0.00074	U	0.0017	mg/kg wet							
Isodrin	0.00062	U	0.0017	mg/kg wet							
Methoxychlor	0.00094	U	0.0017	mg/kg wet							
Mirex	0.0011	U	0.0017	mg/kg wet							
Toxaphene	0.017	U	0.033	mg/kg wet							
2,4,5,6-TCMX	0.038			mg/kg wet	0.0333		114	20-137			
Decachlorobiphenyl	0.038			mg/kg wet	0.0333		114	13-183			

LCS (9E06021-BS1)

Prepared: 05/06/2019 10:45 Analyzed: 05/07/2019 09:21

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
4,4'-DDT	0.040		0.0017	mg/kg wet	0.0333		121	37-125			
Dieldrin	0.031		0.0017	mg/kg wet	0.0333		92	46-127			
Endrin	0.032		0.0017	mg/kg wet	0.0333		96	28-143			

QUALITY CONTROL DATA

Organochlorine Pesticides by GC - Quality Control

Batch 9E06021 - SOP EXSV-33 - Continued

LCS (9E06021-BS1) Continued

Prepared: 05/06/2019 10:45 Analyzed: 05/07/2019 09:21

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
2,4,5,6-TCMX	0.032			mg/kg wet	0.0333		96	20-137			
Decachlorobiphenyl	0.035			mg/kg wet	0.0333		104	13-183			

Matrix Spike (9E06021-MS1)

Prepared: 05/06/2019 10:45 Analyzed: 05/07/2019 09:33

Source: AC03284-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
4,4'-DDT	0.046		0.0035	mg/kg dry	0.0344	0.0014 U	134	37-125			QM-07
Dieldrin	0.033		0.0035	mg/kg dry	0.0344	0.00093 U	96	46-127			
Endrin	0.033		0.0035	mg/kg dry	0.0344	0.0015 U	96	28-143			
2,4,5,6-TCMX	0.033			mg/kg dry	0.0344		96	20-137			
Decachlorobiphenyl	0.036			mg/kg dry	0.0344		104	13-183			

Matrix Spike Dup (9E06021-MSD1)

Prepared: 05/06/2019 10:45 Analyzed: 05/07/2019 09:45

Source: AC03284-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
4,4'-DDT	0.042		0.0035	mg/kg dry	0.0345	0.0014 U	122	37-125	9	24	
Dieldrin	0.039		0.0035	mg/kg dry	0.0345	0.00093 U	114	46-127	17	21	
Endrin	0.037		0.0035	mg/kg dry	0.0345	0.0015 U	108	28-143	12	22	
2,4,5,6-TCMX	0.035			mg/kg dry	0.0345		102	20-137			
Decachlorobiphenyl	0.039			mg/kg dry	0.0345		114	13-183			

Batch 9E07003 - SOP EXSV-33

Blank (9E07003-BLK1)

Prepared: 05/07/2019 12:30 Analyzed: 05/08/2019 11:27

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
4,4'-DDD	0.00080	U	0.0017	mg/kg wet							
4,4'-DDE	0.00065	U	0.0017	mg/kg wet							
4,4'-DDT	0.00066	U	0.0017	mg/kg wet							
Aldrin	0.00051	U	0.0017	mg/kg wet							
alpha-BHC	0.00056	U	0.0017	mg/kg wet							
beta-BHC	0.0012	U	0.0017	mg/kg wet							
Chlordane (tech)	0.0072	U	0.033	mg/kg wet							
Chlordane-alpha	0.00066	U	0.0017	mg/kg wet							
Chlordane-gamma	0.00077	U	0.0017	mg/kg wet							
delta-BHC	0.00062	U	0.0017	mg/kg wet							
Dieldrin	0.00045	U	0.0017	mg/kg wet							
Endosulfan I	0.00040	U	0.0017	mg/kg wet							
Endosulfan II	0.00087	U	0.0017	mg/kg wet							
Endosulfan sulfate	0.00060	U	0.0017	mg/kg wet							
Endrin	0.00074	U	0.0017	mg/kg wet							
Endrin aldehyde	0.0014	U	0.0017	mg/kg wet							
Endrin ketone	0.00060	U	0.0017	mg/kg wet							
gamma-BHC	0.00060	U	0.0017	mg/kg wet							
Heptachlor	0.00066	U	0.0017	mg/kg wet							
Heptachlor epoxide	0.00074	U	0.0017	mg/kg wet							
Isodrin	0.00062	U	0.0017	mg/kg wet							
Methoxychlor	0.00094	U	0.0017	mg/kg wet							

QUALITY CONTROL DATA

Organochlorine Pesticides by GC - Quality Control

Batch 9E07003 - SOP EXSV-33 - Continued

Blank (9E07003-BLK1) Continued

Prepared: 05/07/2019 12:30 Analyzed: 05/08/2019 11:27

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mirex	0.0011	U	0.0017	mg/kg wet							
Toxaphene	0.017	U	0.033	mg/kg wet							
2,4,5,6-TCMX	0.048			mg/kg wet	0.0333		145	20-137			QS-03
Decachlorobiphenyl	0.035			mg/kg wet	0.0333		105	13-183			

LCS (9E07003-BS1)

Prepared: 05/07/2019 12:30 Analyzed: 05/08/2019 11:39

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
4,4'-DDT	0.040		0.0017	mg/kg wet	0.0333		120	37-125			
Dieldrin	0.031		0.0017	mg/kg wet	0.0333		94	46-127			
Endrin	0.036		0.0017	mg/kg wet	0.0333		107	28-143			
2,4,5,6-TCMX	0.029			mg/kg wet	0.0333		88	20-137			
Decachlorobiphenyl	0.034			mg/kg wet	0.0333		101	13-183			

Matrix Spike (9E07003-MS1)

Prepared: 05/07/2019 12:30 Analyzed: 05/08/2019 11:51

Source: AC03233-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
4,4'-DDT	0.031		0.0037	mg/kg dry	0.0364	0.0015 U	86	37-125			
Dieldrin	0.028		0.0037	mg/kg dry	0.0364	0.00099 U	76	46-127			
Endrin	0.030		0.0037	mg/kg dry	0.0364	0.0016 U	82	28-143			
2,4,5,6-TCMX	0.030			mg/kg dry	0.0364		82	20-137			
Decachlorobiphenyl	0.032			mg/kg dry	0.0364		88	13-183			

Matrix Spike Dup (9E07003-MSD1)

Prepared: 05/07/2019 12:30 Analyzed: 05/08/2019 12:04

Source: AC03233-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
4,4'-DDT	0.034		0.0037	mg/kg dry	0.0367	0.0015 U	92	37-125	7	24	
Dieldrin	0.031		0.0037	mg/kg dry	0.0367	0.00099 U	84	46-127	11	21	
Endrin	0.031		0.0037	mg/kg dry	0.0367	0.0016 U	84	28-143	3	22	
2,4,5,6-TCMX	0.029			mg/kg dry	0.0367		80	20-137			
Decachlorobiphenyl	0.033			mg/kg dry	0.0367		90	13-183			

Chlorinated Herbicides by GC - Quality Control

Batch 9E03001 - EPA 8151A

Blank (9E03001-BLK1)

Prepared: 05/03/2019 10:30 Analyzed: 05/06/2019 11:43

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
2,4,5-T	0.0026	U	0.010	mg/kg wet							
2,4,5-TP (Silvex)	0.0047	U	0.010	mg/kg wet							
2,4-D	0.0099	U	0.010	mg/kg wet							
2,4-DB	0.0098	U	0.010	mg/kg wet							
3,5-DCBA	0.0048	U	0.010	mg/kg wet							
4-Nitrophenol	0.0097	U	0.010	mg/kg wet							
Acifluorfen	0.0071	U	0.010	mg/kg wet							
Bentazon	0.0045	U	0.010	mg/kg wet							

QUALITY CONTROL DATA

Chlorinated Herbicides by GC - Quality Control

Batch 9E03001 - EPA 8151A - Continued

Blank (9E03001-BLK1) Continued

Prepared: 05/03/2019 10:30 Analyzed: 05/06/2019 11:43

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloramben	0.0039	U	0.010	mg/kg wet							
Dacthal	0.0024	U	0.010	mg/kg wet							
Dalapon	0.0050	U	0.010	mg/kg wet							
Dicamba	0.0042	U	0.010	mg/kg wet							
Dichlorprop	0.0034	U	0.010	mg/kg wet							
Dinoseb	0.0042	U	0.010	mg/kg wet							
MCPA	0.75	U	1.0	mg/kg wet							
MCPP	0.77	U	1.0	mg/kg wet							
Pentachlorophenol	0.0025	U	0.010	mg/kg wet							
Picloram	0.0026	U	0.010	mg/kg wet							
2,4-DCAA	0.030			mg/kg wet	0.0400		74	16-169			

LCS (9E03001-BS1)

Prepared: 05/03/2019 10:30 Analyzed: 05/06/2019 12:09

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
2,4,5-TP (Silvex)	0.030		0.010	mg/kg wet	0.0400		75	26-147			
2,4-D	0.034		0.010	mg/kg wet	0.0400		86	28-145			
2,4-DB	0.035		0.010	mg/kg wet	0.0400		87	10-179			
Bentazon	0.025		0.010	mg/kg wet	0.0400		64	10-145			
Dalapon	0.016		0.010	mg/kg wet	0.0400		39	15-148			
Dicamba	0.034		0.010	mg/kg wet	0.0400		84	29-147			
Picloram	0.023		0.010	mg/kg wet	0.0400		58	13-119			
2,4-DCAA	0.026			mg/kg wet	0.0400		65	16-169			

Matrix Spike (9E03001-MS1)

Prepared: 05/03/2019 10:30 Analyzed: 05/06/2019 12:34

Source: AC03154-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
2,4,5-TP (Silvex)	0.023		0.010	mg/kg dry	0.0415	0.0049 U	56	26-147			
2,4-D	0.030		0.010	mg/kg dry	0.0415	0.010 U	72	28-145			
2,4-DB	0.030		0.010	mg/kg dry	0.0415	0.010 U	74	10-179			
Bentazon	0.023		0.010	mg/kg dry	0.0415	0.0046 U	55	10-145			
Dalapon	0.013		0.010	mg/kg dry	0.0415	0.0052 U	32	15-148			
Dicamba	0.024		0.010	mg/kg dry	0.0415	0.0043 U	58	29-147			
Picloram	0.014		0.010	mg/kg dry	0.0415	0.0027 U	34	13-119			
2,4-DCAA	0.025			mg/kg dry	0.0415		61	16-169			

Matrix Spike Dup (9E03001-MSD1)

Prepared: 05/03/2019 10:30 Analyzed: 05/06/2019 12:59

Source: AC03154-01

Analyte	Result	Flag	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
2,4,5-TP (Silvex)	0.026		0.010	mg/kg dry	0.0414	0.0049 U	62	26-147	9	20	
2,4-D	0.030		0.010	mg/kg dry	0.0414	0.010 U	74	28-145	2	20	
2,4-DB	0.033		0.010	mg/kg dry	0.0414	0.010 U	80	10-179	8	28	
Bentazon	0.025		0.010	mg/kg dry	0.0414	0.0046 U	60	10-145	9	23	
Dalapon	0.016		0.010	mg/kg dry	0.0414	0.0052 U	39	15-148	18	22	
Dicamba	0.024		0.010	mg/kg dry	0.0414	0.0043 U	58	29-147	1	20	
Picloram	0.016		0.010	mg/kg dry	0.0414	0.0027 U	38	13-119	9	18	
2,4-DCAA	0.025			mg/kg dry	0.0414		61	16-169			

QUALITY CONTROL DATA

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 9E07001 - EPA 3050B

Blank (9E07001-BLK1)

Prepared: 05/07/2019 08:43 Analyzed: 05/08/2019 12:53

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	0.714	U	0.794	mg/kg wet							
Barium	0.222	U	0.794	mg/kg wet							

LCS (9E07001-BS1)

Prepared: 05/07/2019 08:43 Analyzed: 05/08/2019 13:00

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	34.9		0.704	mg/kg wet	35.2		99	80-120			
Barium	35.6		0.704	mg/kg wet	34.9		102	80-120			

Matrix Spike (9E07001-MS1)

Prepared: 05/07/2019 08:43 Analyzed: 05/08/2019 13:02

Source: BC01903-12

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	39.2		0.805	mg/kg dry	40.2	0.724 U	97	75-125			
Barium	43.0		0.805	mg/kg dry	39.9	2.66	101	75-125			

Matrix Spike Dup (9E07001-MSD1)

Prepared: 05/07/2019 08:43 Analyzed: 05/08/2019 13:04

Source: BC01903-12

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	41.7		0.844	mg/kg dry	42.2	0.760 U	99	75-125	6	30	
Barium	45.7		0.844	mg/kg dry	41.9	2.66	103	75-125	6	30	

Batch 9E08001 - EPA 3050B

Blank (9E08001-BLK1)

Prepared: 05/08/2019 09:19 Analyzed: 05/09/2019 11:47

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	0.672	U	0.746	mg/kg wet							
Barium	0.209	U	0.746	mg/kg wet							

LCS (9E08001-BS1)

Prepared: 05/08/2019 09:19 Analyzed: 05/09/2019 11:49

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	43.3		0.877	mg/kg wet	43.9		99	80-120			
Barium	44.2		0.877	mg/kg wet	43.5		102	80-120			

Matrix Spike (9E08001-MS1)

Prepared: 05/08/2019 09:19 Analyzed: 05/09/2019 11:55

Source: BC01930-01

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	47.5		0.806	mg/kg dry	40.3	17.3	75	75-125			
Barium	42.1		0.806	mg/kg dry	40.0	1.90	100	75-125			

Matrix Spike Dup (9E08001-MSD1)

Prepared: 05/08/2019 09:19 Analyzed: 05/09/2019 11:57

Source: BC01930-01

Analyte	Result	Flaq	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	44.6		0.831	mg/kg dry	41.5	17.3	66	75-125	6	30	QM-07
Barium	42.7		0.831	mg/kg dry	41.2	1.90	99	75-125	2	30	

QUALITY CONTROL DATA

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 9E08001 - EPA 3050B - Continued

Post Spike (9E08001-PS1)

Prepared: 05/08/2019 09:19 Analyzed: 05/09/2019 14:19

Source: BC01930-05

<u>Analyte</u>	<u>Result</u>	<u>Flag</u>	<u>POL</u>	<u>Units</u>	<u>Spike Level</u>	<u>Source Result</u>	<u>%REC</u>	<u>%REC Limits</u>	<u>RPD</u>	<u>RPD Limit</u>	<u>Notes</u>
Arsenic	0.505		0.0100	mg/L	0.500	0.00150	101	80-120			

FLAGS/NOTES AND DEFINITIONS

PQL	PQL: Practical Quantitation Limit. The PQL presented is the laboratory MRL.
B	Results are based upon membrane filter colony counts that are outside the method indicated ideal range.
I	The reported value is between the laboratory method detection limit (MDL) and the practical quantitation limit (PQL).
J	Estimated value.
K	Off-scale low; Actual value is known to be less than the value given.
L	Off-scale high; Actual value is known to be greater than value given.
M	Presence of analyte is verified but not quantified; the actual value is less than the MRL but greater than the MDL.
N	Presumptive evidence of presence of material.
O	Sampled, but analysis lost or not performed.
Q	Sample exceeded the accepted holding time.
T	Value reported is less than the laboratory method detection limit. The value is reported for informational purposes only and shall not be used in statistical analysis.
U	Indicates that the compound was analyzed for but not detected.
V	Indicates that the analyte was detected in both the sample and the associated method blank.
Y	The laboratory analysis was from an improperly preserved sample. The data may not be accurate.
Z	Too many colonies were present (TNTC); the numeric value represents the filtration volume.
?	Data are rejected and should not be used. Some or all of the quality control data for the analyte were outside criteria, and the presence or absence of the analyte cannot be determined from the data.
*	Not reported due to interference.
[CALC]	Calculated analyte - MDL/MRL reported to the highest reporting limit of the component analyses.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate (CLP E-flag).
QL-02	The associated laboratory control sample exhibited high bias; since the result is ND, there is no impact.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-11	Precision between duplicate matrix spikes of the same sample was outside acceptance limits.
QS-03	Surrogate recovery outside acceptance limits
QS-06	Surrogate recovery exceeded acceptance criteria due to the presence of a coeluting compound. This is a confirmed matrix effect.
QV-01	The associated continuing calibration verification standard exhibited high bias; since the result is ND, there is no impact.

**ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD**10775 Central Port Dr.
Orlando, FL 32824
(407) 826-5314 Fax (407) 850-69454810 Executive Park Court, Suite 111
Jacksonville, FL 32216-6069
(904) 296-3007 Fax (904) 296-6210102-A Woodwinds Industrial Ct.
Cary, NC 27511
(919) 467-3090 Fax (919) 467-3515

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Page 1 of 2

Client Name <u>ECS, FL</u>		Project Number <u>55:2310</u>		Requested Analyses								Requested Turnaround Times	
Address <u>4524 North 56th Street</u>		Project Name/Desc <u>Baptist Golf Course</u>		Arsonic & Barium 6010 organophosphates 8141 pests 8141 organochlorine 8081 pest 8151 chlorinate 8151 Herb								Note: Rush requests subject to acceptance by the facility	
City/ST/Zip <u>Tampa, FL 33610</u>		PO # / Billing Info										Standard	
Tel <u>813-302-1644</u>		Reporting Contact <u>Mitchell Collins</u>										☒ Expedited	
Fax		Billing Contact <u>Mitchell Collins</u>										Due <u> </u> / <u> </u> / <u> </u>	
Sampler(s) Name, Affiliation (Print) <u>Mitchell Collins / ECS</u>		Site Location / Time Zone <u>Seminole, FL / Eastern</u>		Lab Workorder <u>ACC3344</u>									
Sampler(s) Signature <u>[Signature]</u>													

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers											Sample Comments
	55-1-0.5	5-1-19	811	Grab	SO	2	x	x	x	x							
	55-1-2		813			2	x	x	x	x							Hold
	55-2-0.5		823			2	x	x	x	x							
	55-2-2		825			2	x	x	x	x							Hold
	55-3-0.5		840			2	x	x	x	x							
	55-3-2		842			2	x	x	x	x							Hold
	55-4-0.5		850			2	x	x	x	x							
	55-4-2		852			2	x	x	x	x							Hold
	55-5-0.5		903			2	x	x	x	x							
	55-5-2		905			2	x	x	x	x							Hold
	55-6-0.5		915			2	x	x	x	x							
	55-6-2		917			2	x	x	x	x							Hold

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time
Comments/Special Reporting Requirements <u>Hold all 2 ft Samples</u>		Relinquished By	Date/Time	Received By	Date/Time
		<u>[Signature]</u>	<u>5-1-19 1400</u>	<u>James Heyden</u>	<u>5/1/19 1450</u>
		Relinquished By	Date/Time	Received By	Date/Time
		<u>James Heyden</u>	<u>5/1/19 1545</u>	<u>Danise Camarero</u>	<u>5/2/19 800</u>
		Cooler # & Temps on Receipt	Condition Upon Receipt		
		<u>19-463 31.6°C ; Med-405 2.6°C</u>	☒ Acceptable ☐ Unacceptable		

Matrix : GW-Groundwater SO-Soil DW-Drinking Water SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments) Preservation: I-Ice H-HCl N-HNO3 S-H2SO4 NO-NaOH O-Other (detail in comments)

Note : All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form, unless prior written agreements exist



ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

10775 Central Port Dr.
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102-A Woodwinds Industrial Ct.
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Page 2 of 2

Client Name ECS, FL		Project Number 55-2310		Requested Analyses Arsenic Barium Gold Organophosphates 8141 Pest Organochlorine 8081 Pest Chlorinated Hydro 8151								Requested Turnaround Times Note: Rush requests subject to acceptance by the facility ___ Standard ☒ Expedited Due ___/___/___			
Address 4524 North 56th Str.		Project Name/Desc Bayview Golf Course										Requested Turnaround Times			
City/ST/Zip Tampa, FL 33610		PO # / Billing To													
Tel 813-302-1644		Fax		Reporting Contact Mitchell Collins											
Sampler(s) Name, Affiliation (Print) Mitchell Collins / ECS		Billing Contact Mitchell Collins													
Sampler(s) Signature Mitchell Coll		Site Location / Time Zone Seminole, FL / Eastern													

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp. Grab	Matrix (see codes)	Total # of Containers	Preservation (See Codes) (Combine as necessary)								Sample Comments
	55-7-0.5	5-1-19	935	Grab	SO	2	X	X	X	X					
	55-7-2		937			1	X	X	X	X					Hold
	55-8-0.5		948			2	X	X	X	X					
	55-8-2		950			2	X	X	X	X					Hold
	55-9-0.5		1000			2	X	X	X	X					
	55-9-2		1002			2	X	X	X	X					Hold
	55-10-0.5		1008			2	X	X	X	X					
	55-10-2		1010			2	X	X	X	X					Hold
	55-11-0.5		1028			2	X	X	X	X					
	55-11-2		1030			2	X	X	X	X					Hold
	55-12-0.5		1038			3	X	X	X	X					
	55-12-2		1040			3	X	X	X	X					Hold

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time
Comments/Special Reporting Requirements Hold all 2 ft Samples		Relinquished By Mitchell Collins	Date/Time 5-1-19 1400	Received By Joanne Hengele	Date/Time 5/1/19 1450
		Relinquished By Joanne Hengele	Date/Time 5/1/19 1545	Received By Vanessa Camarero	Date/Time 5/2/19 200
		Cooler # & Temps on Receipt 19-463 3.6°C; Med-405 2.6°C		Condition Upon Receipt ☒ Acceptable ___ Unacceptable	

Matrix : GW-Groundwater SO-Soil DW-Drinking Water SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments)

Preservation: I-Ice H-HCl N-HNO3 S-H2SO4 NO-NaOH O-Other (detail in comments)

Note: All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form, unless prior written agreements exist



ENCO Laboratories

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10775 Central Port Drive

Orlando FL, 32824

Phone: 407.826.5314 FAX: 407.850.6945

Monday, June 10, 2019

ECS Florida, LLC (EN108)

Attn: Scott Lakey

4524 N. 56th Street

Tampa, FL 33610

RE: Laboratory Results for

Project Number: 2310-A, Project Name/Desc: Baypoint Golf Course

ENCO Workorder(s): AC04074

Dear Scott Lakey,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Wednesday, June 5, 2019.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

The analytical results contained in this report are in compliance with NELAC standards, except as noted in the project narrative if applicable. This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Unless otherwise noted, all analyses were performed at DRAFT REPORT. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

DRAFT REPORT

DATA SUBJECT TO CHANGE

Enclosure(s)

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: TMW-1		Lab ID: AC04074-01		Sampled: 06/04/19 09:58		Received: 06/05/19 07:30
<u>Parameter</u>	<u>Preparation</u>	<u>Hold Date/Time(s)</u>		<u>Prep Date/Time(s)</u>		<u>Analysis Date/Time(s)</u>
EPA 6010D	EPA 3005A	12/01/19		06/05/19 09:06		06/06/19 10:25
EPA 8081B	EPA 3510C	06/11/19	07/16/19	06/06/19	09:17	06/07/19 16:27
Client ID: TMW-1 DISSOLVED		Lab ID: AC04074-02		Sampled: 06/04/19 09:58		Received: 06/05/19 07:30
<u>Parameter</u>	<u>Preparation</u>	<u>Hold Date/Time(s)</u>		<u>Prep Date/Time(s)</u>		<u>Analysis Date/Time(s)</u>
EPA 6010D	EPA 3005A	12/01/19		06/05/19 09:06		06/06/19 10:27
EPA 8081B	EPA 3510C	06/11/19	07/16/19	06/06/19	09:17	06/07/19 16:39
Client ID: TMW-2		Lab ID: AC04074-03		Sampled: 06/04/19 11:28		Received: 06/05/19 07:30
<u>Parameter</u>	<u>Preparation</u>	<u>Hold Date/Time(s)</u>		<u>Prep Date/Time(s)</u>		<u>Analysis Date/Time(s)</u>
EPA 6010D	EPA 3005A	12/01/19		06/05/19 09:06		06/06/19 10:33
EPA 8081B	EPA 3510C	06/11/19	07/16/19	06/06/19	09:17	06/10/19 09:51
Client ID: TMW-2 DISSOLVED		Lab ID: AC04074-04		Sampled: 06/04/19 11:28		Received: 06/05/19 07:30
<u>Parameter</u>	<u>Preparation</u>	<u>Hold Date/Time(s)</u>		<u>Prep Date/Time(s)</u>		<u>Analysis Date/Time(s)</u>
EPA 6010D	EPA 3005A	12/01/19		06/05/19 09:06		06/06/19 10:35
EPA 8081B	EPA 3510C	06/11/19	07/16/19	06/06/19	09:17	06/10/19 10:03
Client ID: TMW-3		Lab ID: AC04074-05		Sampled: 06/04/19 12:30		Received: 06/05/19 07:30
<u>Parameter</u>	<u>Preparation</u>	<u>Hold Date/Time(s)</u>		<u>Prep Date/Time(s)</u>		<u>Analysis Date/Time(s)</u>
EPA 6010D	EPA 3005A	12/01/19		06/05/19 09:06		06/06/19 10:37
EPA 8081B	EPA 3510C	06/11/19	07/16/19	06/06/19	09:17	06/10/19 10:15
Client ID: TMW-3 DISSOLVED		Lab ID: AC04074-06		Sampled: 06/04/19 12:30		Received: 06/05/19 07:30
<u>Parameter</u>	<u>Preparation</u>	<u>Hold Date/Time(s)</u>		<u>Prep Date/Time(s)</u>		<u>Analysis Date/Time(s)</u>
EPA 6010D	EPA 3005A	12/01/19		06/05/19 09:06		06/06/19 10:39
EPA 8081B	EPA 3510C	06/11/19	07/16/19	06/06/19	09:17	06/10/19 10:28
Client ID: TMW-4		Lab ID: AC04074-07		Sampled: 06/04/19 13:54		Received: 06/05/19 07:30
<u>Parameter</u>	<u>Preparation</u>	<u>Hold Date/Time(s)</u>		<u>Prep Date/Time(s)</u>		<u>Analysis Date/Time(s)</u>
EPA 6010D	EPA 3005A	12/01/19		06/05/19 09:06		06/06/19 10:41
EPA 8081B	EPA 3510C	06/11/19	07/16/19	06/06/19	09:17	06/10/19 10:40
Client ID: TMW-4 DISSOLVED		Lab ID: AC04074-08		Sampled: 06/04/19 13:54		Received: 06/05/19 07:30
<u>Parameter</u>	<u>Preparation</u>	<u>Hold Date/Time(s)</u>		<u>Prep Date/Time(s)</u>		<u>Analysis Date/Time(s)</u>
EPA 6010D	EPA 3005A	12/01/19		06/05/19 09:06		06/06/19 10:43
EPA 8081B	EPA 3510C	06/11/19	07/16/19	06/06/19	09:17	06/10/19 10:52
Client ID: TMW-5		Lab ID: AC04074-09		Sampled: 06/04/19 15:02		Received: 06/05/19 07:30
<u>Parameter</u>	<u>Preparation</u>	<u>Hold Date/Time(s)</u>		<u>Prep Date/Time(s)</u>		<u>Analysis Date/Time(s)</u>
EPA 6010D	EPA 3005A	12/01/19		06/05/19 09:06		06/06/19 11:01
EPA 8081B	EPA 3510C	06/11/19	07/16/19	06/06/19	09:17	06/10/19 11:04
Client ID: TMW-5 DISSOLVED		Lab ID: AC04074-10		Sampled: 06/04/19 15:02		Received: 06/05/19 07:30
<u>Parameter</u>	<u>Preparation</u>	<u>Hold Date/Time(s)</u>		<u>Prep Date/Time(s)</u>		<u>Analysis Date/Time(s)</u>
EPA 6010D	EPA 3005A	12/01/19		06/05/19 09:06		06/06/19 11:03
EPA 8081B	EPA 3510C	06/11/19	07/16/19	06/06/19	09:17	06/10/19 11:17
Client ID: TMW-6		Lab ID: AC04074-11		Sampled: 06/04/19 16:03		Received: 06/05/19 07:30
<u>Parameter</u>	<u>Preparation</u>	<u>Hold Date/Time(s)</u>		<u>Prep Date/Time(s)</u>		<u>Analysis Date/Time(s)</u>
EPA 6010D	EPA 3005A	12/01/19		06/05/19 09:06		06/06/19 11:05
EPA 8081B	EPA 3510C	06/11/19	07/16/19	06/06/19	09:17	06/10/19 11:29

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: TMW-6 DISSOLVED		Lab ID: AC04074-12		Sampled: 06/04/19 16:03		Received: 06/05/19 07:30
<u>Parameter</u>	<u>Preparation</u>	<u>Hold Date/Time(s)</u>		<u>Prep Date/Time(s)</u>		<u>Analysis Date/Time(s)</u>
EPA 6010D	EPA 3005A	12/01/19		06/05/19 09:06		06/06/19 11:07
EPA 8081B	EPA 3510C	06/11/19	07/16/19	06/06/19	09:17	06/10/19 11:41
Client ID: TMW-7		Lab ID: AC04074-13		Sampled: 06/04/19 16:57		Received: 06/05/19 07:30
<u>Parameter</u>	<u>Preparation</u>	<u>Hold Date/Time(s)</u>		<u>Prep Date/Time(s)</u>		<u>Analysis Date/Time(s)</u>
EPA 6010D	EPA 3005A	12/01/19		06/05/19 09:06		06/06/19 11:09
EPA 8081B	EPA 3510C	06/11/19	07/16/19	06/06/19	09:17	06/10/19 11:53
Client ID: TMW-7 DISSOLVED		Lab ID: AC04074-14		Sampled: 06/04/19 16:57		Received: 06/05/19 07:30
<u>Parameter</u>	<u>Preparation</u>	<u>Hold Date/Time(s)</u>		<u>Prep Date/Time(s)</u>		<u>Analysis Date/Time(s)</u>
EPA 6010D	EPA 3005A	12/01/19		06/05/19 09:06		06/06/19 11:11
EPA 8081B	EPA 3510C	06/11/19	07/16/19	06/06/19	09:17	06/10/19 12:05
Client ID: TMW-8		Lab ID: AC04074-15		Sampled: 06/04/19 18:03		Received: 06/05/19 07:30
<u>Parameter</u>	<u>Preparation</u>	<u>Hold Date/Time(s)</u>		<u>Prep Date/Time(s)</u>		<u>Analysis Date/Time(s)</u>
EPA 6010D	EPA 3005A	12/01/19		06/05/19 09:06		06/06/19 11:13
EPA 8081B	EPA 3510C	06/11/19	07/16/19	06/06/19	09:17	06/10/19 12:18
Client ID: TMW-8 DISSOLVED		Lab ID: AC04074-16		Sampled: 06/04/19 18:03		Received: 06/05/19 07:30
<u>Parameter</u>	<u>Preparation</u>	<u>Hold Date/Time(s)</u>		<u>Prep Date/Time(s)</u>		<u>Analysis Date/Time(s)</u>
EPA 6010D	EPA 3005A	12/01/19		06/05/19 09:06		06/06/19 11:15
EPA 8081B	EPA 3510C	06/11/19	07/16/19	06/06/19	09:17	06/10/19 12:30

SAMPLE DETECTION SUMMARY**Client ID:** TMW-1**Lab ID:** AC04074-01

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Dieldrin	0.030	I	0.017	0.050	ug/L	EPA 8081B	

Client ID: TMW-6**Lab ID:** AC04074-11

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Dieldrin	0.050		0.017	0.050	ug/L	EPA 8081B	

ANALYTICAL RESULTS

Description: TMW-1

Lab Sample ID: AC04074-01

Received: 06/05/19 07:30

Matrix: Ground Water

Sampled: 06/04/19 09:58

Work Order: AC04074

Project: Baypoint Golf Course

Sampled By: Mitchell Collins

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dieldrin [60-57-1]^	0.030	I	ug/L	1	0.017	0.050	9F06001	EPA 8081B	06/07/19 16:27	JJB	
Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes	
2,4,5,6-TCMX	0.64	1	1.00	64 %	38-142	9F06001	EPA 8081B	06/07/19 16:27	JJB		
Decachlorobiphenyl	0.82	1	1.00	82 %	34-159	9F06001	EPA 8081B	06/07/19 16:27	JJB		

Metals (total recoverable) by EPA 6000/7000 Series Methods

^ - ENCO Jacksonville certified analyte [NELAC E82277]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Arsenic [7440-38-2]^	8.00	U	ug/L	1	8.00	10.0	9F05003	EPA 6010D	06/06/19 10:25	ACV	

Description: TMW-1 DISSOLVED

Lab Sample ID: AC04074-02

Received: 06/05/19 07:30

Matrix: Ground Water

Sampled: 06/04/19 09:58

Work Order: AC04074

Project: Baypoint Golf Course

Sampled By: Mitchell Collins

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dieldrin [60-57-1]^	0.017	U	ug/L	1	0.017	0.050	9F06001	EPA 8081B	06/07/19 16:39	JJB	
Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes	
2,4,5,6-TCMX	0.51	1	1.00	51 %	38-142	9F06001	EPA 8081B	06/07/19 16:39	JJB		
Decachlorobiphenyl	0.91	1	1.00	91 %	34-159	9F06001	EPA 8081B	06/07/19 16:39	JJB		

Metals (Dissolved) by EPA 6000/7000 Series Methods

^ - ENCO Jacksonville certified analyte [NELAC E82277]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Arsenic [7440-38-2]^	8.00	U	ug/L	1	8.00	10.0	9F05003	EPA 6010D	06/06/19 10:27	ACV	

Description: TMW-2

Lab Sample ID: AC04074-03

Received: 06/05/19 07:30

Matrix: Ground Water

Sampled: 06/04/19 11:28

Work Order: AC04074

Project: Baypoint Golf Course

Sampled By: Mitchell Collins

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dieldrin [60-57-1]^	0.017	U	ug/L	1	0.017	0.050	9F06001	EPA 8081B	06/10/19 09:51	JJB	
Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes	
2,4,5,6-TCMX	0.42	1	1.00	42 %	38-142	9F06001	EPA 8081B	06/10/19 09:51	JJB		
Decachlorobiphenyl	0.34	1	1.00	34 %	34-159	9F06001	EPA 8081B	06/10/19 09:51	JJB		

Metals (total recoverable) by EPA 6000/7000 Series Methods

^ - ENCO Jacksonville certified analyte [NELAC E82277]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Arsenic [7440-38-2]^	8.00	U	ug/L	1	8.00	10.0	9F05003	EPA 6010D	06/06/19 10:33	ACV	

ANALYTICAL RESULTS

Description: TMW-2 DISSOLVED

Lab Sample ID: AC04074-04

Received: 06/05/19 07:30

Matrix: Ground Water

Sampled: 06/04/19 11:28

Work Order: AC04074

Project: Baypoint Golf Course

Sampled By: Mitchell Collins

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dieldrin [60-57-1]^	0.017	U	ug/L	1	0.017	0.050	9F06001	EPA 8081B	06/10/19 10:03	JJB	
Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes	
2,4,5,6-TCMX	0.68	1	1.00	68 %	38-142	9F06001	EPA 8081B	06/10/19 10:03	JJB		
Decachlorobiphenyl	0.81	1	1.00	81 %	34-159	9F06001	EPA 8081B	06/10/19 10:03	JJB		

Metals (Dissolved) by EPA 6000/7000 Series Methods

^ - ENCO Jacksonville certified analyte [NELAC E82277]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Arsenic [7440-38-2]^	8.00	U	ug/L	1	8.00	10.0	9F05003	EPA 6010D	06/06/19 10:35	ACV	

Description: TMW-3

Lab Sample ID: AC04074-05

Received: 06/05/19 07:30

Matrix: Ground Water

Sampled: 06/04/19 12:30

Work Order: AC04074

Project: Baypoint Golf Course

Sampled By: Mitchell Collins

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dieldrin [60-57-1]^	0.017	U	ug/L	1	0.017	0.050	9F06001	EPA 8081B	06/10/19 10:15	JJB	
Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes	
2,4,5,6-TCMX	0.57	1	1.00	57 %	38-142	9F06001	EPA 8081B	06/10/19 10:15	JJB		
Decachlorobiphenyl	0.53	1	1.00	53 %	34-159	9F06001	EPA 8081B	06/10/19 10:15	JJB		

Metals (total recoverable) by EPA 6000/7000 Series Methods

^ - ENCO Jacksonville certified analyte [NELAC E82277]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Arsenic [7440-38-2]^	8.00	U	ug/L	1	8.00	10.0	9F05003	EPA 6010D	06/06/19 10:37	ACV	

Description: TMW-3 DISSOLVED

Lab Sample ID: AC04074-06

Received: 06/05/19 07:30

Matrix: Ground Water

Sampled: 06/04/19 12:30

Work Order: AC04074

Project: Baypoint Golf Course

Sampled By: Mitchell Collins

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dieldrin [60-57-1]^	0.017	U	ug/L	1	0.017	0.050	9F06001	EPA 8081B	06/10/19 10:28	JJB	
Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes	
2,4,5,6-TCMX	0.52	1	1.00	52 %	38-142	9F06001	EPA 8081B	06/10/19 10:28	JJB		
Decachlorobiphenyl	0.69	1	1.00	69 %	34-159	9F06001	EPA 8081B	06/10/19 10:28	JJB		

Metals (Dissolved) by EPA 6000/7000 Series Methods

^ - ENCO Jacksonville certified analyte [NELAC E82277]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Arsenic [7440-38-2]^	8.00	U	ug/L	1	8.00	10.0	9F05003	EPA 6010D	06/06/19 10:39	ACV	

ANALYTICAL RESULTS

Description: TMW-4

Lab Sample ID: AC04074-07

Received: 06/05/19 07:30

Matrix: Ground Water

Sampled: 06/04/19 13:54

Work Order: AC04074

Project: Baypoint Golf Course

Sampled By: Mitchell Collins

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dieldrin [60-57-1]^	0.017	U	ug/L	1	0.017	0.050	9F06001	EPA 8081B	06/10/19 10:40	JJB	
Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes	
2,4,5,6-TCMX	0.39	1	1.00	39 %	38-142	9F06001	EPA 8081B	06/10/19 10:40	JJB		
Decachlorobiphenyl	0.48	1	1.00	48 %	34-159	9F06001	EPA 8081B	06/10/19 10:40	JJB		

Metals (total recoverable) by EPA 6000/7000 Series Methods

^ - ENCO Jacksonville certified analyte [NELAC E82277]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Arsenic [7440-38-2]^	8.00	U	ug/L	1	8.00	10.0	9F05003	EPA 6010D	06/06/19 10:41	ACV	

Description: TMW-4 DISSOLVED

Lab Sample ID: AC04074-08

Received: 06/05/19 07:30

Matrix: Ground Water

Sampled: 06/04/19 13:54

Work Order: AC04074

Project: Baypoint Golf Course

Sampled By: Mitchell Collins

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dieldrin [60-57-1]^	0.017	U	ug/L	1	0.017	0.050	9F06001	EPA 8081B	06/10/19 10:52	JJB	
Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes	
2,4,5,6-TCMX	0.99	1	1.00	99 %	38-142	9F06001	EPA 8081B	06/10/19 10:52	JJB		
Decachlorobiphenyl	0.74	1	1.00	74 %	34-159	9F06001	EPA 8081B	06/10/19 10:52	JJB		

Metals (Dissolved) by EPA 6000/7000 Series Methods

^ - ENCO Jacksonville certified analyte [NELAC E82277]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Arsenic [7440-38-2]^	8.00	U	ug/L	1	8.00	10.0	9F05003	EPA 6010D	06/06/19 10:43	ACV	

Description: TMW-5

Lab Sample ID: AC04074-09

Received: 06/05/19 07:30

Matrix: Ground Water

Sampled: 06/04/19 15:02

Work Order: AC04074

Project: Baypoint Golf Course

Sampled By: Mitchell Collins

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dieldrin [60-57-1]^	0.017	U	ug/L	1	0.017	0.050	9F06001	EPA 8081B	06/10/19 11:04	JJB	
Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes	
2,4,5,6-TCMX	0.50	1	1.00	50 %	38-142	9F06001	EPA 8081B	06/10/19 11:04	JJB		
Decachlorobiphenyl	0.73	1	1.00	73 %	34-159	9F06001	EPA 8081B	06/10/19 11:04	JJB		

Metals (total recoverable) by EPA 6000/7000 Series Methods

^ - ENCO Jacksonville certified analyte [NELAC E82277]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Arsenic [7440-38-2]^	8.00	U	ug/L	1	8.00	10.0	9F05003	EPA 6010D	06/06/19 11:01	ACV	

ANALYTICAL RESULTS

Description: TMW-5 DISSOLVED

Lab Sample ID: AC04074-10

Received: 06/05/19 07:30

Matrix: Ground Water

Sampled: 06/04/19 15:02

Work Order: AC04074

Project: Baypoint Golf Course

Sampled By: Mitchell Collins

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dieldrin [60-57-1]^	0.017	U	ug/L	1	0.017	0.050	9F06001	EPA 8081B	06/10/19 11:17	JJB	
Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes	
2,4,5,6-TCMX	0.66	1	1.00	66 %	38-142	9F06001	EPA 8081B	06/10/19 11:17	JJB		
Decachlorobiphenyl	0.85	1	1.00	85 %	34-159	9F06001	EPA 8081B	06/10/19 11:17	JJB		

Metals (Dissolved) by EPA 6000/7000 Series Methods

^ - ENCO Jacksonville certified analyte [NELAC E82277]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Arsenic [7440-38-2]^	8.00	U	ug/L	1	8.00	10.0	9F05003	EPA 6010D	06/06/19 11:03	ACV	

Description: TMW-6

Lab Sample ID: AC04074-11

Received: 06/05/19 07:30

Matrix: Ground Water

Sampled: 06/04/19 16:03

Work Order: AC04074

Project: Baypoint Golf Course

Sampled By: Mitchell Collins

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dieldrin [60-57-1]^	0.050		ug/L	1	0.017	0.050	9F06001	EPA 8081B	06/10/19 11:29	JJB	
Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes	
2,4,5,6-TCMX	0.59	1	1.00	59 %	38-142	9F06001	EPA 8081B	06/10/19 11:29	JJB		
Decachlorobiphenyl	0.76	1	1.00	76 %	34-159	9F06001	EPA 8081B	06/10/19 11:29	JJB		

Metals (total recoverable) by EPA 6000/7000 Series Methods

^ - ENCO Jacksonville certified analyte [NELAC E82277]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Arsenic [7440-38-2]^	8.00	U	ug/L	1	8.00	10.0	9F05003	EPA 6010D	06/06/19 11:05	ACV	

Description: TMW-6 DISSOLVED

Lab Sample ID: AC04074-12

Received: 06/05/19 07:30

Matrix: Ground Water

Sampled: 06/04/19 16:03

Work Order: AC04074

Project: Baypoint Golf Course

Sampled By: Mitchell Collins

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dieldrin [60-57-1]^	0.017	U	ug/L	1	0.017	0.050	9F06001	EPA 8081B	06/10/19 11:41	JJB	
Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes	
2,4,5,6-TCMX	0.41	1	1.00	41 %	38-142	9F06001	EPA 8081B	06/10/19 11:41	JJB		
Decachlorobiphenyl	0.61	1	1.00	61 %	34-159	9F06001	EPA 8081B	06/10/19 11:41	JJB		

Metals (Dissolved) by EPA 6000/7000 Series Methods

^ - ENCO Jacksonville certified analyte [NELAC E82277]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Arsenic [7440-38-2]^	8.00	U	ug/L	1	8.00	10.0	9F05003	EPA 6010D	06/06/19 11:07	ACV	

ANALYTICAL RESULTS

Description: TMW-7

Lab Sample ID: AC04074-13

Received: 06/05/19 07:30

Matrix: Ground Water

Sampled: 06/04/19 16:57

Work Order: AC04074

Project: Baypoint Golf Course

Sampled By: Mitchell Collins

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dieldrin [60-57-1]^	0.017	U	ug/L	1	0.017	0.050	9F06001	EPA 8081B	06/10/19 11:53	JJB	
Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes	
2,4,5,6-TCMX	0.42	1	1.00	42 %	38-142	9F06001	EPA 8081B	06/10/19 11:53	JJB		
Decachlorobiphenyl	0.65	1	1.00	65 %	34-159	9F06001	EPA 8081B	06/10/19 11:53	JJB		

Metals (total recoverable) by EPA 6000/7000 Series Methods

^ - ENCO Jacksonville certified analyte [NELAC E82277]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Arsenic [7440-38-2]^	8.00	U	ug/L	1	8.00	10.0	9F05003	EPA 6010D	06/06/19 11:09	ACV	

Description: TMW-7 DISSOLVED

Lab Sample ID: AC04074-14

Received: 06/05/19 07:30

Matrix: Ground Water

Sampled: 06/04/19 16:57

Work Order: AC04074

Project: Baypoint Golf Course

Sampled By: Mitchell Collins

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dieldrin [60-57-1]^	0.017	U	ug/L	1	0.017	0.050	9F06001	EPA 8081B	06/10/19 12:05	JJB	
Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes	
2,4,5,6-TCMX	0.49	1	1.00	49 %	38-142	9F06001	EPA 8081B	06/10/19 12:05	JJB		
Decachlorobiphenyl	0.72	1	1.00	72 %	34-159	9F06001	EPA 8081B	06/10/19 12:05	JJB		

Metals (Dissolved) by EPA 6000/7000 Series Methods

^ - ENCO Jacksonville certified analyte [NELAC E82277]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Arsenic [7440-38-2]^	8.00	U	ug/L	1	8.00	10.0	9F05003	EPA 6010D	06/06/19 11:11	ACV	

Description: TMW-8

Lab Sample ID: AC04074-15

Received: 06/05/19 07:30

Matrix: Ground Water

Sampled: 06/04/19 18:03

Work Order: AC04074

Project: Baypoint Golf Course

Sampled By: Mitchell Collins

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Dieldrin [60-57-1]^	0.017	U	ug/L	1	0.017	0.050	9F06001	EPA 8081B	06/10/19 12:18	JJB	
Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes	
2,4,5,6-TCMX	0.46	1	1.00	46 %	38-142	9F06001	EPA 8081B	06/10/19 12:18	JJB		
Decachlorobiphenyl	0.56	1	1.00	56 %	34-159	9F06001	EPA 8081B	06/10/19 12:18	JJB		

Metals (total recoverable) by EPA 6000/7000 Series Methods

^ - ENCO Jacksonville certified analyte [NELAC E82277]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Arsenic [7440-38-2]^	8.00	U	ug/L	1	8.00	10.0	9F05003	EPA 6010D	06/06/19 11:13	ACV	

ANALYTICAL RESULTS

Description: TMW-8 DISSOLVED

Lab Sample ID: AC04074-16

Received: 06/05/19 07:30

Matrix: Ground Water

Sampled: 06/04/19 18:03

Work Order: AC04074

Project: Baypoint Golf Course

Sampled By: Mitchell Collins

Organochlorine Pesticides by GC

^ - ENCO Orlando certified analyte [NELAC E83182]

<u>Analyte [CAS Number]</u>	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
Dieldrin [60-57-1]^	0.017	U	ug/L	1	0.017	0.050	9F06001	EPA 8081B	06/10/19 12:30	JJB	
<u>Surrogates</u>											
2,4,5,6-TCMX	0.57	1	1.00	57 %	38-142		9F06001	EPA 8081B	06/10/19 12:30	JJB	
Decachlorobiphenyl	0.80	1	1.00	80 %	34-159		9F06001	EPA 8081B	06/10/19 12:30	JJB	

Metals (Dissolved) by EPA 6000/7000 Series Methods

^ - ENCO Jacksonville certified analyte [NELAC E82277]

<u>Analyte [CAS Number]</u>	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
Arsenic [7440-38-2]^	8.00	U	ug/L	1	8.00	10.0	9F05003	EPA 6010D	06/06/19 11:15	ACV	

QUALITY CONTROL DATA

Organochlorine Pesticides by GC - Quality Control

Batch 9F06001 - EPA 3510C

Blank (9F06001-BLK1)

Prepared: 06/06/2019 09:17 Analyzed: 06/07/2019 11:15

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Dieldrin	0.017	U	0.050	ug/L							
2,4,5,6-TCMX	0.58			ug/L	1.00		58	38-142			
Decachlorobiphenyl	1.1			ug/L	1.00		109	34-159			

LCS (9F06001-BS1)

Prepared: 06/06/2019 09:17 Analyzed: 06/07/2019 12:56

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Dieldrin	1.1		0.050	ug/L	1.00		109	46-127			
2,4,5,6-TCMX	0.80			ug/L	1.00		80	38-142			
Decachlorobiphenyl	1.3			ug/L	1.00		126	34-159			

Matrix Spike (9F06001-MS1)

Prepared: 06/06/2019 09:17 Analyzed: 06/07/2019 13:08

Source: AC04055-02

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Dieldrin	0.60		0.050	ug/L	1.00	0.017 U	60	46-127			
2,4,5,6-TCMX	0.35			ug/L	1.00		35	38-142			QS-03
Decachlorobiphenyl	0.78			ug/L	1.00		78	34-159			

Matrix Spike Dup (9F06001-MSD1)

Prepared: 06/06/2019 09:17 Analyzed: 06/07/2019 13:29

Source: AC04055-02

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Dieldrin	0.84		0.050	ug/L	1.00	0.017 U	84	46-127	33	21	QM-11
2,4,5,6-TCMX	0.45			ug/L	1.00		45	38-142			
Decachlorobiphenyl	0.99			ug/L	1.00		99	34-159			

Metals (total recoverable) by EPA 6000/7000 Series Methods - Quality Control

Batch 9F05003 - EPA 3005A

Blank (9F05003-BLK1)

Prepared: 06/05/2019 09:06 Analyzed: 06/06/2019 10:09

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	8.00	U	10.0	ug/L							

LCS (9F05003-BS1)

Prepared: 06/05/2019 09:06 Analyzed: 06/06/2019 10:11

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	513		10.0	ug/L	500		103	80-120			

Matrix Spike (9F05003-MS1)

Prepared: 06/05/2019 09:06 Analyzed: 06/06/2019 10:13

Source: AC04074-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	506		10.0	ug/L	500	8.00 U	101	75-125			

QUALITY CONTROL DATA

Metals (total recoverable) by EPA 6000/7000 Series Methods - Quality Control

Batch 9F05003 - EPA 3005A - Continued

Matrix Spike Dup (9F05003-MSD1)

Prepared: 06/05/2019 09:06 Analyzed: 06/06/2019 10:15

Source: AC04074-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	512		10.0	ug/L	500	8.00 U	102	75-125	1	20	

Metals (Dissolved) by EPA 6000/7000 Series Methods - Quality Control

Batch 9F05003 - EPA 3005A

Blank (9F05003-BLK1)

Prepared: 06/05/2019 09:06 Analyzed: 06/06/2019 10:09

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	8.00	U	10.0	ug/L							

LCS (9F05003-BS1)

Prepared: 06/05/2019 09:06 Analyzed: 06/06/2019 10:11

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	513		10.0	ug/L	500		103	80-120			

Matrix Spike (9F05003-MS1)

Prepared: 06/05/2019 09:06 Analyzed: 06/06/2019 10:13

Source: AC04074-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	506		10.0	ug/L	500	8.00 U	101	75-125			

Matrix Spike Dup (9F05003-MSD1)

Prepared: 06/05/2019 09:06 Analyzed: 06/06/2019 10:15

Source: AC04074-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	512		10.0	ug/L	500	8.00 U	102	75-125	1	20	

FLAGS/NOTES AND DEFINITIONS

PQL	PQL: Practical Quantitation Limit. The PQL presented is the laboratory MRL.
B	Results are based upon membrane filter colony counts that are outside the method indicated ideal range.
I	The reported value is between the laboratory method detection limit (MDL) and the practical quantitation limit (PQL).
J	Estimated value.
K	Off-scale low; Actual value is known to be less than the value given.
L	Off-scale high; Actual value is known to be greater than value given.
M	Presence of analyte is verified but not quantified; the actual value is less than the MRL but greater than the MDL.
N	Presumptive evidence of presence of material.
O	Sampled, but analysis lost or not performed.
Q	Sample exceeded the accepted holding time.
T	Value reported is less than the laboratory method detection limit. The value is reported for informational purposes only and shall not be used in statistical analysis.
U	Indicates that the compound was analyzed for but not detected.
V	Indicates that the analyte was detected in both the sample and the associated method blank.
Y	The laboratory analysis was from an improperly preserved sample. The data may not be accurate.
Z	Too many colonies were present (TNTC); the numeric value represents the filtration volume.
?	Data are rejected and should not be used. Some or all of the quality control data for the analyte were outside criteria, and the presence or absence of the analyte cannot be determined from the data.
*	Not reported due to interference.
[CALC]	Calculated analyte - MDL/MRL reported to the highest reporting limit of the component analyses.
QM-11	Precision between duplicate matrix spikes of the same sample was outside acceptance limits.
QS-03	Surrogate recovery outside acceptance limits



ENVIRONMENTAL CONSERVATION LABORATORIES

CHAIN-OF-CUSTODY RECORD

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102-A Woodwinds Industrial Ct.
Cary, NC 27511
(919) 467-3090 Fax (919) 467-3515

Page 1 of 2

Client Name ECS Florida, LLC (EN108)		Project Number 2310-A		Requested Analyses								Requested Turnaround Times	
Address 4524 N. 56th Street		Project Name/Desc Baypoint Golf Course		8081B (Dieldrin only) AS 8081B (Dieldrin only) AS SPLP								Note: Rush requests subject to acceptance by the facility	
City/ST/Zip Tampa, FL 33610		PO # / Billing Info										Standard	
Tel (813) 302-1644		Reporting Contact Scott Lakey										Expedited	
Fax		Billing Contact Mitchell Collins		Due / /								Lab Workorder	
Sampler(s) Name, Affiliation (Print) Mitchell Collins ECS		Site Location / Time Zone Seminole, FL										AC04074	
Sampler(s) Signature Mitchell Collins													

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers												Sample Comments
	TMW-1	6-4-19	958	Grab	GL	4	X	Y										
	TMW-2		1128		GL	4	X	Y										
	TMW-3		1230		GL	4	X	X										
	TMW-4		1354		GL	4	X	X										
	TMW-5		1502		GL	4	X	X										
	TMW-6		1603		GL	4	X	Y										
	TMW-7		1657		GL	4	X	X										
	TMW-8		1803		GL	4	X	X										
	SS-1-4		830		SO	2	X	X										
	SS-4-4		1005		SO	2	X	X										
	SS-5-0.5		1008		SO	1			X	X								
	SS-5-2		1009		SO	1			X	X								
						38	<-- Total # of Containers											

Sample Kit Prepared By ECG	Date/Time 05/31/19 15:30	Relinquished By [Signature]	Date/Time 05/31/19 15:30	Received By [Signature]	Date/Time
Comments/Special Reporting Requirements Run total & Dissolved		Relinquished By [Signature]	Date/Time 6-4-19 1812	Received By [Signature]	Date/Time 6/4/19 18:12
		Relinquished By [Signature]	Date/Time 1940 6/4/19 1940	Received By [Signature]	Date/Time 6/5/19 7:30
Cooler #'s & Temps on Receipt 0-1895 2-6°C			Condition Upon Receipt Acceptable Unacceptable		

Matrix: GW-Groundwater SO-Soil DW-Drinking Water SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments)

Preservation: I-Ice H-HCl N-HNO3 S-H2SO4 NO-NaOH O-Other (detail in comments)

Note: All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form, unless prior written agreements exist



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Page 2 of 2

[illegible]

Sample Kit Prepared By ECG	Date/Time 05/31/19 15:30	Relinquished By [Signature]	Date/Time 05/31/19 15:30	Received By	Date/Time
Comments/Special Reporting Requirements		Relinquished By [Signature]	Date/Time 6-4-19 1812	Received By [Signature]	Date/Time 6/4/19 1812
		Relinquished By [Signature]	Date/Time 6/4/19 1940	Received By [Signature]	Date/Time 6/5/19 730
		Cooler #'s & Temps on Receipt C-1895 2-6°C	Condition Upon Receipt ___ Acceptable ___ Unacceptable		
	Matrix : GW Groundwater, SO Soil, DM Drinking Water, SE Cellulose, CM Cement, MW Mineral, UR Uranium				

Matrix : GW-Groundwater SO-Soil DW-Drinking Water SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments)

Preservation: I-Ice H-HCl N-HNO3 S-H2SO4 NO-NaOH O-Other (detail in comments)

Note : All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form, unless prior written agreements exist.



Advanced Environmental Laboratories, Inc
9610 Princess Palm Ave Tampa, FL 33619
Payments: P.O. Box 551580 Jacksonville, FL 32255-1580

Phone: (813)630-9616
Fax: (813)630-4327

August 12, 2019

Justinano Marquez
ECS Florida, LLC
4524 N 56th Street
Tampa, FL

RE: Workorder: T1913239 Baypointe Golf Course

Dear Justinano Marquez:

Enclosed are the analytical results for sample(s) received by the laboratory on Tuesday, July 30, 2019. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. The analytical results for the samples contained in this report were submitted for analysis as outlined by the Chain of Custody and results pertain only to these samples.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Sheila Wilcox - Assistant Lab Manager
SWilcox@AELLab.com

Enclosures

Report ID: 894189

Page 1 of 46

CERTIFICATE OF ANALYSIS

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SAMPLE SUMMARY

Workorder: T1913239 Baypointe Golf Course

Lab ID	Sample ID	Matrix	Date Collected	Date Received
T1913239001	SB-1 @ 0-6"	Soil	7/29/2019 11:51	7/30/2019 15:00
T1913239002	SB-1 @ 6"-2'	Soil	7/29/2019 11:52	7/30/2019 15:00
T1913239003	SB-1 @ 2'-4'	Soil	7/29/2019 11:53	7/30/2019 15:00
T1913239004	SB-2 @ 0-6"	Soil	7/29/2019 11:40	7/30/2019 15:00
T1913239005	SB-2 @ 6"-2'	Soil	7/29/2019 11:41	7/30/2019 15:00
T1913239006	SB-2 @ 2'-4'	Soil	7/29/2019 11:42	7/30/2019 15:00
T1913239007	SB-3 @ 0-6"	Soil	7/29/2019 11:30	7/30/2019 15:00
T1913239008	SB-3 @ 6"-2'	Soil	7/29/2019 11:31	7/30/2019 15:00
T1913239009	SB-3 @ 2-4'	Soil	7/29/2019 11:32	7/30/2019 15:00
T1913239010	SE-1	Soil	7/29/2019 12:16	7/30/2019 15:00
T1913239011	SB-4 @ 0-6"	Soil	7/29/2019 11:59	7/30/2019 15:00
T1913239012	SB-4 @ 6"-2'	Soil	7/29/2019 12:01	7/30/2019 15:00
T1913239013	SB-4 @ 2'-4'	Soil	7/29/2019 12:03	7/30/2019 15:00
T1913239014	SB-5 @ 0-6"	Soil	7/29/2019 13:10	7/30/2019 15:00
T1913239015	SB-5 @ 6"-2'	Soil	7/29/2019 13:11	7/30/2019 15:00
T1913239016	SB-5 @ 2'-4'	Soil	7/29/2019 13:12	7/30/2019 15:00
T1913239017	SB-6 @ 0-6"	Soil	7/29/2019 13:17	7/30/2019 15:00
T1913239018	SB-6 @ 6"-2'	Soil	7/29/2019 13:18	7/30/2019 15:00
T1913239019	SB-6 @ 2'-4'	Soil	7/29/2019 13:19	7/30/2019 15:00
T1913239020	SW-1	Water	7/29/2019 12:22	7/30/2019 15:00
T1913239021	SB-7 @ 0-6"	Soil	7/29/2019 14:18	7/30/2019 15:00
T1913239022	SB-7 @ 6"-2'	Soil	7/29/2019 14:19	7/30/2019 15:00
T1913239023	SB-7 @ 2'-4'	Soil	7/29/2019 14:20	7/30/2019 15:00
T1913239024	SB-8 @ 0-6"	Soil	7/29/2019 14:47	7/30/2019 15:00
T1913239025	SB-8 @ 6"-2'	Soil	7/29/2019 14:48	7/30/2019 15:00
T1913239026	SB-8 @ 2'-4'	Soil	7/29/2019 14:49	7/30/2019 15:00
T1913239027	SB-9 @ 0-6"	Soil	7/29/2019 14:55	7/30/2019 15:00
T1913239028	SB-9 @ 6"-2'	Soil	7/29/2019 14:56	7/30/2019 15:00
T1913239029	SB-9 @ 2"-4'	Soil	7/29/2019 14:57	7/30/2019 15:00
T1913239030	SE-2	Soil	7/29/2019 12:27	7/30/2019 15:00
T1913239031	SB-10 @ 0-6"	Soil	7/29/2019 15:02	7/30/2019 15:00
T1913239032	SB-10 @ 6"-2'	Soil	7/29/2019 15:03	7/30/2019 15:00
T1913239033	SB-10 @ 2'-4'	Soil	7/29/2019 15:04	7/30/2019 15:00
T1913239034	SB-11 @ 0-6"	Soil	7/29/2019 15:17	7/30/2019 15:00
T1913239035	SB-11 @ 6"-2'	Soil	7/29/2019 15:18	7/30/2019 15:00

Report ID: 894189

Page 2 of 46

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SAMPLE SUMMARY

Workorder: T1913239 Baypointe Golf Course

Lab ID	Sample ID	Matrix	Date Collected	Date Received
T1913239036	SB-11 @ 2'-4'	Soil	7/29/2019 15:19	7/30/2019 15:00
T1913239037	SB-12 @ 0-6"	Soil	7/29/2019 15:09	7/30/2019 15:00
T1913239038	SB-12 @ 6"-2'	Soil	7/29/2019 15:10	7/30/2019 15:00
T1913239039	SB-12 @ 2'-4'	Soil	7/29/2019 15:11	7/30/2019 15:00
T1913239040	SW-2	Water	7/29/2019 15:11	7/30/2019 15:00
T1913239041	SE-3	Soil	7/29/2019 12:42	7/30/2019 15:00
T1913239042	SW-3	Water	7/29/2019 12:45	7/30/2019 15:00
T1913239043	SE-4	Soil	7/29/2019 13:28	7/30/2019 15:00
T1913239044	SW-4	Water	7/29/2019 13:30	7/30/2019 15:00
T1913239045	SE-5	Soil	7/29/2019 13:40	7/30/2019 15:00
T1913239046	SW-5	Water	7/29/2019 13:42	7/30/2019 15:00
T1913239047	CS-1 @ 0-6"	Soil	7/29/2019 17:12	7/30/2019 15:00
T1913239048	CS-1 @ 6"-2'	Soil	7/29/2019 17:15	7/30/2019 15:00
T1913239049	CS-1 @ 2'-4'	Soil	7/29/2019 17:18	7/30/2019 15:00
T1913239050	CS-2 @ 0-6"	Soil	7/29/2019 17:32	7/30/2019 15:00
T1913239051	CS-2 @ 6"-2'	Soil	7/29/2019 17:36	7/30/2019 15:00
T1913239052	CS-2 @ 2'-4'	Soil	7/29/2019 17:39	7/30/2019 15:00
T1913239053	CS-3 @ 0-6"	Soil	7/29/2019 17:59	7/30/2019 15:00
T1913239054	CS-3 @ 6"-2'	Soil	7/29/2019 18:03	7/30/2019 15:00
T1913239055	CS-3 @ 2'-4'	Soil	7/29/2019 18:07	7/30/2019 15:00
T1913239056	CS-4 @ 0-6"	Soil	7/29/2019 18:26	7/30/2019 15:00
T1913239057	CS-4 @ 6"-2'	Soil	7/29/2019 18:30	7/30/2019 15:00
T1913239058	CS-4 @ 2'-4'	Soil	7/29/2019 18:37	7/30/2019 15:00
T1913239059	SW-1 (Filtered)	Water	7/29/2019 12:22	7/30/2019 15:00
T1913239060	SW-2 (Filtered)	Water	7/29/2019 15:11	7/30/2019 15:00
T1913239061	SW-3 (Filtered)	Water	7/29/2019 12:45	7/30/2019 15:00
T1913239062	SW-4 (Filtered)	Water	7/29/2019 13:30	7/30/2019 15:00
T1913239063	SW-5 (Filtered)	Water	7/29/2019 13:42	7/30/2019 15:00

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ANALYTICAL RESULTS

Workorder: T1913239 Baypointe Golf Course

Lab ID: **T1913239001** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **SB-1 @ 0-6"** Date Collected: 07/29/19 11:51

Results for sample T1913239001 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
WET CHEMISTRY								
Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	7.2		%	1	0.0010	0.0010	7/31/2019 11:00	T
Percent Solid	92.8		%	1	0.001	0.001	7/31/2019 11:00	T

Lab ID: **T1913239002** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **SB-1 @ 6"-2'** Date Collected: 07/29/19 11:52

Results for sample T1913239002 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
WET CHEMISTRY								
Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	5.9		%	1	0.0010	0.0010	7/31/2019 11:00	T
Percent Solid	94.1		%	1	0.001	0.001	7/31/2019 11:00	T

Lab ID: **T1913239003** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **SB-1 @ 2'-4'** Date Collected: 07/29/19 11:53

Results for sample T1913239003 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
WET CHEMISTRY								
Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	6.5		%	1	0.0010	0.0010	7/31/2019 11:00	T
Percent Solid	93.5		%	1	0.001	0.001	7/31/2019 11:00	T

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ANALYTICAL RESULTS

Workorder: T1913239 Baypointe Golf Course

Lab ID: **T1913239004** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **SB-2 @ 0-6"** Date Collected: 07/29/19 11:40

Results for sample T1913239004 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
WET CHEMISTRY								
Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	11		%	1	0.0010	0.0010	7/31/2019 11:00	T
Percent Solid	88.8		%	1	0.001	0.001	7/31/2019 11:00	T

Lab ID: **T1913239005** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **SB-2 @ 6"-2'** Date Collected: 07/29/19 11:41

Results for sample T1913239005 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
WET CHEMISTRY								
Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	7.3		%	1	0.0010	0.0010	7/31/2019 11:00	T
Percent Solid	92.7		%	1	0.001	0.001	7/31/2019 11:00	T

Lab ID: **T1913239006** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **SB-2 @ 2'-4'** Date Collected: 07/29/19 11:42

Results for sample T1913239006 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
WET CHEMISTRY								
Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	22		%	1	0.0010	0.0010	7/31/2019 11:00	T
Percent Solid	78.3		%	1	0.001	0.001	7/31/2019 11:00	T

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ANALYTICAL RESULTS

Workorder: T1913239 Baypointe Golf Course

Lab ID: **T1913239007** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **SB-3 @ 0-6"** Date Collected: 07/29/19 11:30

Results for sample T1913239007 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
WET CHEMISTRY								
Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	7.5		%	1	0.0010	0.0010	7/31/2019 11:00	T
Percent Solid	92.5		%	1	0.001	0.001	7/31/2019 11:00	T

Lab ID: **T1913239008** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **SB-3 @ 6"-2'** Date Collected: 07/29/19 11:31

Results for sample T1913239008 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
WET CHEMISTRY								
Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	7.0		%	1	0.0010	0.0010	7/31/2019 11:00	T
Percent Solid	93.0		%	1	0.001	0.001	7/31/2019 11:00	T

Lab ID: **T1913239009** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **SB-3 @ 2-4'** Date Collected: 07/29/19 11:32

Results for sample T1913239009 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
WET CHEMISTRY								
Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	5.6		%	1	0.0010	0.0010	7/31/2019 11:00	T
Percent Solid	94.4		%	1	0.001	0.001	7/31/2019 11:00	T

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ANALYTICAL RESULTS

Workorder: T1913239 Baypointe Golf Course

Lab ID: **T1913239010**

Date Received: 07/30/19 15:00 Matrix: Soil

Sample ID: **SE-1**

Date Collected: 07/29/19 12:16

Results for sample T1913239010 are reported on a dry weight basis.

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
METALS								
Analysis Desc: SW846 6010B Analysis, Soils			Preparation Method: SW-846 3050B Analytical Method: SW-846 6010					
Arsenic	0.22	I	mg/Kg	1	0.27	0.057	8/2/2019 16:37	T
METALS, SPLP								
Analysis Desc: 1312/6010B Analysis, SPLP			Preparation Method: SW-846 3010A Analytical Method: SW-846 6010					
Arsenic	0.0043	I	mg/L	1	0.010	0.0028	8/5/2019 16:18	T
SEMIVOLATILES								
Analysis Desc: 8081B Pesticide Analysis, Soil			Preparation Method: SW-846 3550B Analytical Method: EPA 8081					
Dieldrin	0.00028	U	mg/Kg	1	0.0012	0.00028	8/2/2019 02:45	M
Tetrachloro-m-xylene (S)	81		%	1	42-129		8/2/2019 02:45	
Decachlorobiphenyl (S)	87		%	1	63-130		8/2/2019 02:45	
SEMIVOLATILES, SPLP								
Analysis Desc: 1312/8081B Pesticide Analysis, SPLP			Preparation Method: SW-846 3510C Analytical Method: EPA 8081					
Dieldrin	0.0016	U	ug/L	1	0.020	0.0016	6/6/2019 14:58	M
Tetrachloro-m-xylene (S)	82		%	1	42-129		6/6/2019 14:58	
Decachlorobiphenyl (S)	82		%	1	63-130		6/6/2019 14:58	
SEMIVOLATILES, SPLP								
Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	32		%	1	0.0010	0.0010	7/31/2019 11:00	T

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ANALYTICAL RESULTS

Workorder: T1913239 Baypointe Golf Course

Lab ID: **T1913239011** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **SB-4 @ 0-6"** Date Collected: 07/29/19 11:59

Results for sample T1913239011 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
WET CHEMISTRY								
Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	6.7		%	1	0.0010	0.0010	7/31/2019 11:00	T
Percent Solid	93.3		%	1	0.001	0.001	7/31/2019 11:00	T

Lab ID: **T1913239012** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **SB-4 @ 6"-2'** Date Collected: 07/29/19 12:01

Results for sample T1913239012 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
WET CHEMISTRY								
Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	7.9		%	1	0.0010	0.0010	7/31/2019 11:00	T
Percent Solid	92.1		%	1	0.001	0.001	7/31/2019 11:00	T

Lab ID: **T1913239013** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **SB-4 @ 2'-4'** Date Collected: 07/29/19 12:03

Results for sample T1913239013 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
WET CHEMISTRY								
Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	14		%	1	0.0010	0.0010	7/31/2019 11:00	T
Percent Solid	86.0		%	1	0.001	0.001	7/31/2019 11:00	T

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ANALYTICAL RESULTS

Workorder: T1913239 Baypointe Golf Course

Lab ID: **T1913239014** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **SB-5 @ 0-6"** Date Collected: 07/29/19 13:10

Results for sample T1913239014 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
WET CHEMISTRY								
Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	14		%	1	0.0010	0.0010	7/31/2019 11:00	T
Percent Solid	86.2		%	1	0.001	0.001	7/31/2019 11:00	T

Lab ID: **T1913239015** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **SB-5 @ 6"-2'** Date Collected: 07/29/19 13:11

Results for sample T1913239015 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
WET CHEMISTRY								
Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	17		%	1	0.0010	0.0010	7/31/2019 11:00	T
Percent Solid	83.3		%	1	0.001	0.001	7/31/2019 11:00	T

Lab ID: **T1913239016** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **SB-5 @ 2'-4'** Date Collected: 07/29/19 13:12

Results for sample T1913239016 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
WET CHEMISTRY								
Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	19		%	1	0.0010	0.0010	7/31/2019 11:00	T
Percent Solid	81.1		%	1	0.001	0.001	7/31/2019 11:00	T

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ANALYTICAL RESULTS

Workorder: T1913239 Baypointe Golf Course

Lab ID: **T1913239018** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **SB-6 @ 6"-2'** Date Collected: 07/29/19 13:18

Results for sample T1913239018 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
WET CHEMISTRY								
Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	17		%	1	0.0010	0.0010	7/30/2019 11:00	T
Percent Solid	82.8		%	1	0.001	0.001	7/30/2019 11:00	T

Lab ID: **T1913239019** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **SB-6 @ 2'-4'** Date Collected: 07/29/19 13:19

Results for sample T1913239019 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
WET CHEMISTRY								
Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	19		%	1	0.0010	0.0010	7/30/2019 11:00	T
Percent Solid	80.6		%	1	0.001	0.001	7/30/2019 11:00	T

Lab ID: **T1913239020** Date Received: 07/30/19 15:00 Matrix: Water
Sample ID: **SW-1** Date Collected: 07/29/19 12:22

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
METALS								
Analysis Desc: SW846 6010B Analysis, Water			Preparation Method: SW-846 3010A Analytical Method: SW-846 6010					
Arsenic	0.0028	U	mg/L	1	0.010	0.0028	8/1/2019 16:10	T

SEMIVOLATILES

Analysis Desc: 8081B Pesticide Analysis, Water			Preparation Method: SW-846 3510C Analytical Method: EPA 8081					
Dieldrin	0.0016	U	ug/L	1	0.021	0.0016	8/1/2019 16:43	M

Report ID: 894189

Page 10 of 46

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ANALYTICAL RESULTS

Workorder: T1913239 Baypointe Golf Course

Lab ID: **T1913239020**
Sample ID: **SW-1**

Date Received: 07/30/19 15:00 Matrix: Water
Date Collected: 07/29/19 12:22

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Tetrachloro-m-xylene (S)	92		%	1	44-124		8/1/2019 16:43	
Decachlorobiphenyl (S)	92		%	1	48-137		8/1/2019 16:43	

Lab ID: **T1913239021**
Sample ID: **SB-7 @ 0-6"**

Date Received: 07/30/19 15:00 Matrix: Soil
Date Collected: 07/29/19 14:18

Results for sample T1913239021 are reported on a dry weight basis.

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
WET CHEMISTRY								
Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	16		%	1	0.0010	0.0010	7/30/2019 11:00	T
Percent Solid	84.0		%	1	0.001	0.001	7/30/2019 11:00	T

Lab ID: **T1913239022**
Sample ID: **SB-7 @ 6"-2'**

Date Received: 07/30/19 15:00 Matrix: Soil
Date Collected: 07/29/19 14:19

Results for sample T1913239022 are reported on a dry weight basis.

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
WET CHEMISTRY								
Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	16		%	1	0.0010	0.0010	7/31/2019 11:00	T
Percent Solid	84.3		%	1	0.001	0.001	7/31/2019 11:00	T

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ANALYTICAL RESULTS

Workorder: T1913239 Baypointe Golf Course

Lab ID: **T1913239023** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **SB-7 @ 2'-4'** Date Collected: 07/29/19 14:20

Results for sample T1913239023 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
WET CHEMISTRY								
Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	19		%	1	0.0010	0.0010	7/31/2019 11:00	T
Percent Solid	81.3		%	1	0.001	0.001	7/31/2019 11:00	T

Lab ID: **T1913239024** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **SB-8 @ 0-6"** Date Collected: 07/29/19 14:47

Results for sample T1913239024 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
WET CHEMISTRY								
Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	17		%	1	0.0010	0.0010	7/31/2019 11:00	T
Percent Solid	83.3		%	1	0.001	0.001	7/31/2019 11:00	T

Lab ID: **T1913239025** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **SB-8 @ 6"-2'** Date Collected: 07/29/19 14:48

Results for sample T1913239025 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
WET CHEMISTRY								
Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	25		%	1	0.0010	0.0010	7/31/2019 11:00	T
Percent Solid	75.3		%	1	0.001	0.001	7/31/2019 11:00	T

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ANALYTICAL RESULTS

Workorder: T1913239 Baypointe Golf Course

Lab ID: **T1913239026** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **SB-8 @ 2'-4'** Date Collected: 07/29/19 14:49

Results for sample T1913239026 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
WET CHEMISTRY								
Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	19		%	1	0.0010	0.0010	7/31/2019 11:00	T
Percent Solid	80.6		%	1	0.001	0.001	7/31/2019 11:00	T

Lab ID: **T1913239027** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **SB-9 @ 0-6"** Date Collected: 07/29/19 14:55

Results for sample T1913239027 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
WET CHEMISTRY								
Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	17		%	1	0.0010	0.0010	7/31/2019 11:00	T
Percent Solid	82.8		%	1	0.001	0.001	7/31/2019 11:00	T

Lab ID: **T1913239028** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **SB-9 @ 6"-2'** Date Collected: 07/29/19 14:56

Results for sample T1913239028 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
WET CHEMISTRY								
Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	18		%	1	0.0010	0.0010	7/31/2019 11:00	T
Percent Solid	81.8		%	1	0.001	0.001	7/31/2019 11:00	T

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ANALYTICAL RESULTS

Workorder: T1913239 Baypointe Golf Course

Lab ID: **T1913239029** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **SB-9 @ 2"-4'** Date Collected: 07/29/19 14:57

Results for sample T1913239029 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
WET CHEMISTRY								
Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Solid	78.9		%	1	0.001	0.001	7/31/2019 11:00	T

Lab ID: **T1913239030** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **SE-2** Date Collected: 07/29/19 12:27

Results for sample T1913239030 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
METALS								
Analysis Desc: SW846 6010B Analysis, Soils			Preparation Method: SW-846 3050B Analytical Method: SW-846 6010					
Arsenic	0.20	I	mg/Kg	1	0.35	0.077	8/2/2019 14:21	T

METALS, SPLP

Analysis Desc: 1312/6010B Analysis, SPLP			Preparation Method: SW-846 3010A Analytical Method: SW-846 6010					
Arsenic	0.0028	U	mg/L	1	0.010	0.0028	8/5/2019 16:22	T

SEMIVOLATILES

Analysis Desc: 8081B Pesticide Analysis, Soil			Preparation Method: SW-846 3550B Analytical Method: EPA 8081					
Dieldrin	0.00028	U	mg/Kg	1	0.0012	0.00028	8/2/2019 01:40	M
Tetrachloro-m-xylene (S)	102		%	1	42-129		8/2/2019 01:40	
Decachlorobiphenyl (S)	100		%	1	63-130		8/2/2019 01:40	

SEMIVOLATILES, SPLP

Analysis Desc: 1312/8081B Pesticide Analysis, SPLP			Preparation Method: SW-846 3510C Analytical Method: EPA 8081					
Dieldrin	0.0016	U	ug/L	1	0.020	0.0016	6/6/2019 15:19	M
Tetrachloro-m-xylene (S)	77		%	1	42-129		6/6/2019 15:19	
Decachlorobiphenyl (S)	76		%	1	63-130		6/6/2019 15:19	

Report ID: 894189

Page 14 of 46

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ANALYTICAL RESULTS

Workorder: T1913239 Baypointe Golf Course

Lab ID: **T1913239030** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **SE-2** Date Collected: 07/29/19 12:27

Results for sample T1913239030 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
SEMIVOLATILES, SPLP								
Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	32		%	1	0.0010	0.0010	7/31/2019 11:00	T

Lab ID: **T1913239031** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **SB-10 @ 0-6"** Date Collected: 07/29/19 15:02

Results for sample T1913239031 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
WET CHEMISTRY								
Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	16		%	1	0.0010	0.0010	7/31/2019 11:00	T
Percent Solid	84.3		%	1	0.001	0.001	7/31/2019 11:00	T

Lab ID: **T1913239032** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **SB-10 @ 6"-2'** Date Collected: 07/29/19 15:03

Results for sample T1913239032 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
WET CHEMISTRY								
Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	19		%	1	0.0010	0.0010	7/31/2019 11:00	T
Percent Solid	81.1		%	1	0.001	0.001	7/31/2019 11:00	T

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ANALYTICAL RESULTS

Workorder: T1913239 Baypointe Golf Course

Lab ID: **T1913239033** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **SB-10 @ 2'-4'** Date Collected: 07/29/19 15:04

Results for sample T1913239033 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
WET CHEMISTRY								
Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	20		%	1	0.0010	0.0010	7/31/2019 11:00	T
Percent Solid	79.7		%	1	0.001	0.001	7/31/2019 11:00	T

Lab ID: **T1913239034** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **SB-11 @ 0-6"** Date Collected: 07/29/19 15:17

Results for sample T1913239034 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
WET CHEMISTRY								
Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	54		%	1	0.0010	0.0010	7/31/2019 11:00	T
Percent Solid	45.6		%	1	0.001	0.001	7/31/2019 11:00	T

Lab ID: **T1913239035** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **SB-11 @ 6"-2'** Date Collected: 07/29/19 15:18

Results for sample T1913239035 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
WET CHEMISTRY								
Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	22		%	1	0.0010	0.0010	7/31/2019 11:00	T
Percent Solid	78.4		%	1	0.001	0.001	7/31/2019 11:00	T

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ANALYTICAL RESULTS

Workorder: T1913239 Baypointe Golf Course

Lab ID: **T1913239036** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **SB-11 @ 2'-4'** Date Collected: 07/29/19 15:19

Results for sample T1913239036 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
WET CHEMISTRY								
Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	23		%	1	0.0010	0.0010	7/31/2019 11:00	T
Percent Solid	76.6		%	1	0.001	0.001	7/31/2019 11:00	T

Lab ID: **T1913239037** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **SB-12 @ 0-6"** Date Collected: 07/29/19 15:09

Results for sample T1913239037 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
WET CHEMISTRY								
Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	6.1		%	1	0.0010	0.0010	7/31/2019 11:00	T
Percent Solid	93.9		%	1	0.001	0.001	7/31/2019 11:00	T

Lab ID: **T1913239038** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **SB-12 @ 6"-2'** Date Collected: 07/29/19 15:10

Results for sample T1913239038 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
WET CHEMISTRY								
Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	7.8		%	1	0.0010	0.0010	7/31/2019 11:00	T
Percent Solid	92.2		%	1	0.001	0.001	7/31/2019 11:00	T

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ANALYTICAL RESULTS

Workorder: T1913239 Baypointe Golf Course

Lab ID: **T1913239039** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **SB-12 @ 2'-4'** Date Collected: 07/29/19 15:11

Results for sample T1913239039 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
WET CHEMISTRY								
Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	19		%	1	0.0010	0.0010	7/31/2019 11:00	T
Percent Solid	81.0		%	1	0.001	0.001	7/31/2019 11:00	T

Lab ID: **T1913239040** Date Received: 07/30/19 15:00 Matrix: Water
Sample ID: **SW-2** Date Collected: 07/29/19 15:11

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
METALS								
Analysis Desc: SW846 6010B Analysis, Water			Preparation Method: SW-846 3010A Analytical Method: SW-846 6010					
Arsenic	0.0031	I	mg/L	1	0.010	0.0028	8/1/2019 16:17	T

SEMIVOLATILES

Analysis Desc: 8081B Pesticide Analysis, Water			Preparation Method: SW-846 3510C Analytical Method: EPA 8081					
Dieldrin	0.0016	U	ug/L	1	0.021	0.0016	8/1/2019 17:05	M
Tetrachloro-m-xylene (S)	82		%	1	44-124		8/1/2019 17:05	
Decachlorobiphenyl (S)	95		%	1	48-137		8/1/2019 17:05	

Lab ID: **T1913239041** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **SE-3** Date Collected: 07/29/19 12:42

Results for sample T1913239041 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
METALS								

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ANALYTICAL RESULTS

Workorder: T1913239 Baypointe Golf Course

Lab ID: **T1913239041**

Date Received: 07/30/19 15:00 Matrix: Soil

Sample ID: **SE-3**

Date Collected: 07/29/19 12:42

Results for sample T1913239041 are reported on a dry weight basis.

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Analysis Desc: SW846 6010B		Preparation Method: SW-846 3050B						
Analysis, Soils		Analytical Method: SW-846 6010						
Arsenic	1.2		mg/Kg	1	0.46	0.099	8/2/2019 14:24	T

METALS, SPLP

Analysis Desc: 1312/6010B		Preparation Method: SW-846 3010A						
Analysis, SPLP		Analytical Method: SW-846 6010						
Arsenic	0.0042	I	mg/L	1	0.010	0.0028	8/5/2019 16:26	T

SEMIVOLATILES

Analysis Desc: 8081B Pesticide		Preparation Method: SW-846 3550B						
Analysis, Soil		Analytical Method: EPA 8081						
Dieldrin	0.00033	U	mg/Kg	1	0.0014	0.00033	8/2/2019 02:02	M
Tetrachloro-m-xylene (S)	89		%	1	42-129		8/2/2019 02:02	
Decachlorobiphenyl (S)	99		%	1	63-130		8/2/2019 02:02	

SEMIVOLATILES, SPLP

Analysis Desc: 1312/8081B Pesticide		Preparation Method: SW-846 3510C						
Analysis, SPLP		Analytical Method: EPA 8081						
Dieldrin	0.0016	U	ug/L	1	0.020	0.0016	6/6/2019 15:41	M
Tetrachloro-m-xylene (S)	82		%	1	42-129		6/6/2019 15:41	
Decachlorobiphenyl (S)	78		%	1	63-130		6/6/2019 15:41	

SEMIVOLATILES, SPLP

Analysis Desc: Percent Solids, SM2540G, Soil		Analytical Method: SM 2540G						
Percent Moisture	42		%	1	0.0010	0.0010	7/31/2019 11:00	T

Lab ID: **T1913239042**

Date Received: 07/30/19 15:00 Matrix: Water

Sample ID: **SW-3**

Date Collected: 07/29/19 12:45

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
METALS								

Report ID: 894189

Page 19 of 46

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ANALYTICAL RESULTS

Workorder: T1913239 Baypointe Golf Course

Lab ID: **T1913239042**

Date Received: 07/30/19 15:00 Matrix: Water

Sample ID: **SW-3**

Date Collected: 07/29/19 12:45

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Analysis Desc: SW846 6010B		Preparation Method: SW-846 3010A						
Analysis, Water		Analytical Method: SW-846 6010						
Arsenic	0.0042	I	mg/L	1	0.010	0.0028	8/1/2019 16:25	T

SEMIVOLATILES

Analysis Desc: 8081B Pesticide		Preparation Method: SW-846 3510C						
Analysis, Water		Analytical Method: EPA 8081						
Dieldrin	0.0016	U	ug/L	1	0.020	0.0016	8/1/2019 17:26	M
Tetrachloro-m-xylene (S)	86		%	1	44-124		8/1/2019 17:26	
Decachlorobiphenyl (S)	98		%	1	48-137		8/1/2019 17:26	

Lab ID: **T1913239043**

Date Received: 07/30/19 15:00 Matrix: Soil

Sample ID: **SE-4**

Date Collected: 07/29/19 13:28

Results for sample T1913239043 are reported on a dry weight basis.

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Analysis Desc: SW846 6010B		Preparation Method: SW-846 3050B						
Analysis, Soils		Analytical Method: SW-846 6010						
Arsenic	1.2		mg/Kg	1	0.36	0.078	8/2/2019 15:16	T

METALS, SPLP

Analysis Desc: 1312/6010B		Preparation Method: SW-846 3010A						
Analysis, SPLP		Analytical Method: SW-846 6010						
Arsenic	0.0087	I	mg/L	1	0.010	0.0028	8/5/2019 16:29	T

SEMIVOLATILES

Analysis Desc: 8081B Pesticide		Preparation Method: SW-846 3550B						
Analysis, Soil		Analytical Method: EPA 8081						
Dieldrin	0.00027	U	mg/Kg	1	0.0011	0.00027	8/2/2019 02:23	M
Tetrachloro-m-xylene (S)	122		%	1	42-129		8/2/2019 02:23	
Decachlorobiphenyl (S)	108		%	1	63-130		8/2/2019 02:23	

Report ID: 894189

Page 20 of 46

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ANALYTICAL RESULTS

Workorder: T1913239 Baypointe Golf Course

Lab ID: **T1913239043** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **SE-4** Date Collected: 07/29/19 13:28

Results for sample T1913239043 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
SEMIVOLATILES, SPLP								
Analysis Desc: 1312/8081B Pesticide Analysis, SPLP			Preparation Method: SW-846 3510C					
			Analytical Method: EPA 8081					
Dieldrin	0.0016	U	ug/L	1	0.020	0.0016	6/6/2019 16:02	M
Tetrachloro-m-xylene (S)	81		%	1	42-129		6/6/2019 16:02	
Decachlorobiphenyl (S)	66		%	1	63-130		6/6/2019 16:02	

SEMIVOLATILES, SPLP

Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	31		%	1	0.0010	0.0010	7/31/2019 11:00	T

Lab ID: **T1913239044** Date Received: 07/30/19 15:00 Matrix: Water
Sample ID: **SW-4** Date Collected: 07/29/19 13:30

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
METALS								
Analysis Desc: SW846 6010B Analysis, Water			Preparation Method: SW-846 3010A					
			Analytical Method: SW-846 6010					
Arsenic	0.0028	U	mg/L	1	0.010	0.0028	8/1/2019 16:50	T

SEMIVOLATILES

Analysis Desc: 8081B Pesticide Analysis, Water			Preparation Method: SW-846 3510C					
			Analytical Method: EPA 8081					
Dieldrin	0.0016	U	ug/L	1	0.021	0.0016	8/1/2019 17:48	M
Tetrachloro-m-xylene (S)	123		%	1	44-124		8/1/2019 17:48	
Decachlorobiphenyl (S)	90		%	1	48-137		8/1/2019 17:48	

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ANALYTICAL RESULTS

Workorder: T1913239 Baypointe Golf Course

Lab ID: **T1913239045** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **SE-5** Date Collected: 07/29/19 13:40

Results for sample T1913239045 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
METALS								
Analysis Desc: SW846 6010B Analysis, Soils			Preparation Method: SW-846 3050B Analytical Method: SW-846 6010					
Arsenic	0.21	I	mg/Kg	1	0.26	0.057	8/2/2019 15:21	T
METALS, SPLP								
Analysis Desc: 1312/6010B Analysis, SPLP			Preparation Method: SW-846 3010A Analytical Method: SW-846 6010					
Arsenic	0.0028	U	mg/L	1	0.010	0.0028	8/5/2019 16:33	T
SEMIVOLATILES								
Analysis Desc: 8081B Pesticide Analysis, Soil			Preparation Method: SW-846 3550B Analytical Method: EPA 8081					
Dieldrin	0.00023	U	mg/Kg	1	0.00097	0.00023	8/1/2019 20:18	M
Tetrachloro-m-xylene (S)	79		%	1	42-129		8/1/2019 20:18	
Decachlorobiphenyl (S)	91		%	1	63-130		8/1/2019 20:18	
SEMIVOLATILES, SPLP								
Analysis Desc: 1312/8081B Pesticide Analysis, SPLP			Preparation Method: SW-846 3510C Analytical Method: EPA 8081					
Dieldrin	0.0016	U	ug/L	1	0.020	0.0016	6/6/2019 16:24	M
Tetrachloro-m-xylene (S)	74		%	1	42-129		6/6/2019 16:24	
Decachlorobiphenyl (S)	69		%	1	63-130		6/6/2019 16:24	
SEMIVOLATILES, SPLP								
Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	19		%	1	0.0010	0.0010	7/31/2019 11:00	T

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ANALYTICAL RESULTS

Workorder: T1913239 Baypointe Golf Course

Lab ID: **T1913239046** Date Received: 07/30/19 15:00 Matrix: Water
Sample ID: **SW-5** Date Collected: 07/29/19 13:42

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
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METALS

Analysis Desc: SW846 6010B Preparation Method: SW-846 3010A
Analysis, Water Analytical Method: SW-846 6010

Arsenic	0.0028	U	mg/L	1	0.010	0.0028	8/1/2019 16:57	T
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SEMIVOLATILES

Analysis Desc: 8081B Pesticide Preparation Method: SW-846 3510C
Analysis, Water Analytical Method: EPA 8081

Dieldrin	0.0017	U	ug/L	1	0.021	0.0017	8/1/2019 18:09	M
Tetrachloro-m-xylene (S)	87		%	1	44-124		8/1/2019 18:09	
Decachlorobiphenyl (S)	96		%	1	48-137		8/1/2019 18:09	

Lab ID: **T1913239047** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **CS-1 @ 0-6"** Date Collected: 07/29/19 17:12

Results for sample T1913239047 are reported on a dry weight basis.

Sample Description:

Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
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METALS

Analysis Desc: SW846 6010B Preparation Method: SW-846 3050B
Analysis, Soils Analytical Method: SW-846 6010

Arsenic	3.2		mg/Kg	1	0.27	0.058	8/2/2019 15:25	T
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METALS, SPLP

Analysis Desc: 1312/6010B Preparation Method: SW-846 3010A
Analysis, SPLP Analytical Method: SW-846 6010

Arsenic	0.0082	I	mg/L	1	0.010	0.0028	8/5/2019 16:37	T
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SEMIVOLATILES

Analysis Desc: 8081B Pesticide Preparation Method: SW-846 3550B
Analysis, Soil Analytical Method: EPA 8081

Dieldrin	0.0025		mg/Kg	1	0.00087	0.00021	8/1/2019 20:39	M
Tetrachloro-m-xylene (S)	70		%	1	42-129		8/1/2019 20:39	
Decachlorobiphenyl (S)	74		%	1	63-130		8/1/2019 20:39	

Report ID: 894189

Page 23 of 46

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ANALYTICAL RESULTS

Workorder: T1913239 Baypointe Golf Course

Lab ID: **T1913239047** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **CS-1 @ 0-6"** Date Collected: 07/29/19 17:12

Results for sample T1913239047 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
SEMIVOLATILES, SPLP								
Analysis Desc: 1312/8081B Pesticide Analysis, SPLP			Preparation Method: SW-846 3510C Analytical Method: EPA 8081					
Dieldrin	0.016	I	ug/L	1	0.020	0.0016	6/6/2019 16:45	M
Tetrachloro-m-xylene (S)	81		%	1	42-129		6/6/2019 16:45	
Decachlorobiphenyl (S)	66		%	1	63-130		6/6/2019 16:45	

SEMIVOLATILES, SPLP

Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	9.5		%	1	0.0010	0.0010	7/31/2019 11:00	T

Lab ID: **T1913239048** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **CS-1 @ 6"-2'** Date Collected: 07/29/19 17:15

Results for sample T1913239048 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
METALS								
Analysis Desc: SW846 6010B Analysis, Soils			Preparation Method: SW-846 3050B Analytical Method: SW-846 6010					
Arsenic	0.51		mg/Kg	1	0.26	0.056	8/2/2019 15:36	T

METALS, SPLP

Analysis Desc: 1312/6010B Analysis, SPLP			Preparation Method: SW-846 3010A Analytical Method: SW-846 6010					
Arsenic	0.0028	U	mg/L	1	0.010	0.0028	8/5/2019 16:41	T

SEMIVOLATILES

Analysis Desc: 8081B Pesticide Analysis, Soil			Preparation Method: SW-846 3550B Analytical Method: EPA 8081					
Dieldrin	0.00020	U	mg/Kg	1	0.00082	0.00020	8/1/2019 21:01	M
Tetrachloro-m-xylene (S)	79		%	1	42-129		8/1/2019 21:01	
Decachlorobiphenyl (S)	82		%	1	63-130		8/1/2019 21:01	

Report ID: 894189

Page 24 of 46

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ANALYTICAL RESULTS

Workorder: T1913239 Baypointe Golf Course

Lab ID: **T1913239048** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **CS-1 @ 6"-2'** Date Collected: 07/29/19 17:15

Results for sample T1913239048 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
SEMIVOLATILES, SPLP								
Analysis Desc: 1312/8081B Pesticide Analysis, SPLP			Preparation Method: SW-846 3510C Analytical Method: EPA 8081					
Dieldrin	0.0016	U	ug/L	1	0.020	0.0016	6/6/2019 17:07	M
Tetrachloro-m-xylene (S)	82		%	1	42-129		6/6/2019 17:07	
Decachlorobiphenyl (S)	71		%	1	63-130		6/6/2019 17:07	

SEMIVOLATILES, SPLP

Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	4.4		%	1	0.0010	0.0010	7/31/2019 11:00	T

Lab ID: **T1913239049** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **CS-1 @ 2'-4'** Date Collected: 07/29/19 17:18

Results for sample T1913239049 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
METALS								
Analysis Desc: SW846 6010B Analysis, Soils			Preparation Method: SW-846 3050B Analytical Method: SW-846 6010					
Arsenic	2.2		mg/Kg	1	0.28	0.062	8/2/2019 15:40	T

METALS, SPLP

Analysis Desc: 1312/6010B Analysis, SPLP			Preparation Method: SW-846 3010A Analytical Method: SW-846 6010					
Arsenic	0.0095	I	mg/L	1	0.010	0.0028	8/5/2019 16:59	T

SEMIVOLATILES

Analysis Desc: 8081B Pesticide Analysis, Soil			Preparation Method: SW-846 3550B Analytical Method: EPA 8081					
Dieldrin	0.00020	U	mg/Kg	1	0.00085	0.00020	8/1/2019 21:22	M
Tetrachloro-m-xylene (S)	82		%	1	42-129		8/1/2019 21:22	
Decachlorobiphenyl (S)	89		%	1	63-130		8/1/2019 21:22	

Report ID: 894189

Page 25 of 46

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ANALYTICAL RESULTS

Workorder: T1913239 Baypointe Golf Course

Lab ID: **T1913239049** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **CS-1 @ 2'-4'** Date Collected: 07/29/19 17:18

Results for sample T1913239049 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
SEMIVOLATILES, SPLP								
Analysis Desc: 1312/8081B Pesticide Analysis, SPLP			Preparation Method: SW-846 3510C Analytical Method: EPA 8081					
Dieldrin	0.0016	U	ug/L	1	0.021	0.0016	6/6/2019 17:50	M
Tetrachloro-m-xylene (S)	78		%	1	42-129		6/6/2019 17:50	
Decachlorobiphenyl (S)	73		%	1	63-130		6/6/2019 17:50	

SEMIVOLATILES, SPLP

Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	7.6		%	1	0.0010	0.0010	7/31/2019 11:00	T

Lab ID: **T1913239050** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **CS-2 @ 0-6"** Date Collected: 07/29/19 17:32

Results for sample T1913239050 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
METALS								
Analysis Desc: SW846 6010B Analysis, Soils			Preparation Method: SW-846 3050B Analytical Method: SW-846 6010					
Arsenic	4.4		mg/Kg	1	0.28	0.061	8/2/2019 15:44	T

METALS, SPLP

Analysis Desc: 1312/6010B Analysis, SPLP			Preparation Method: SW-846 3010A Analytical Method: SW-846 6010					
Arsenic	0.026		mg/L	1	0.010	0.0028	8/5/2019 17:03	T

SEMIVOLATILES

Analysis Desc: 8081B Pesticide Analysis, Soil			Preparation Method: SW-846 3550B Analytical Method: EPA 8081					
Dieldrin	0.0056		mg/Kg	1	0.00089	0.00021	8/1/2019 21:44	M
Tetrachloro-m-xylene (S)	79		%	1	42-129		8/1/2019 21:44	
Decachlorobiphenyl (S)	84		%	1	63-130		8/1/2019 21:44	

Report ID: 894189

Page 26 of 46

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ANALYTICAL RESULTS

Workorder: T1913239 Baypointe Golf Course

Lab ID: **T1913239050** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **CS-2 @ 0-6"** Date Collected: 07/29/19 17:32

Results for sample T1913239050 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
SEMIVOLATILES, SPLP								
Analysis Desc: 1312/8081B Pesticide Analysis, SPLP			Preparation Method: SW-846 3510C Analytical Method: EPA 8081					
Dieldrin	0.068		ug/L	1	0.020	0.0016	6/6/2019 18:11	M
Tetrachloro-m-xylene (S)	78		%	1	42-129		6/6/2019 18:11	
Decachlorobiphenyl (S)	64		%	1	63-130		6/6/2019 18:11	

SEMIVOLATILES, SPLP

Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	11		%	1	0.0010	0.0010	7/31/2019 11:00	T

Lab ID: **T1913239051** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **CS-2 @ 6"-2'** Date Collected: 07/29/19 17:36

Results for sample T1913239051 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
METALS								
Analysis Desc: SW846 6010B Analysis, Soils			Preparation Method: SW-846 3050B Analytical Method: SW-846 6010					
Arsenic	8.4		mg/Kg	1	0.30	0.064	8/2/2019 15:47	T

METALS, SPLP

Analysis Desc: 1312/6010B Analysis, SPLP			Preparation Method: SW-846 3010A Analytical Method: SW-846 6010					
Arsenic	0.031		mg/L	1	0.010	0.0028	8/5/2019 17:06	T

SEMIVOLATILES

Analysis Desc: 8081B Pesticide Analysis, Soil			Preparation Method: SW-846 3550B Analytical Method: EPA 8081					
Dieldrin	0.00022	U	mg/Kg	1	0.00093	0.00022	8/1/2019 22:06	M
Tetrachloro-m-xylene (S)	80		%	1	42-129		8/1/2019 22:06	
Decachlorobiphenyl (S)	87		%	1	63-130		8/1/2019 22:06	

Report ID: 894189

Page 27 of 46

CERTIFICATE OF ANALYSIS

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ANALYTICAL RESULTS

Workorder: T1913239 Baypointe Golf Course

Lab ID: **T1913239051** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **CS-2 @ 6"-2'** Date Collected: 07/29/19 17:36

Results for sample T1913239051 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
SEMIVOLATILES, SPLP								
Analysis Desc: 1312/8081B Pesticide Analysis, SPLP			Preparation Method: SW-846 3510C Analytical Method: EPA 8081					
Dieldrin	0.0016	U	ug/L	1	0.020	0.0016	6/6/2019 18:33	M
Tetrachloro-m-xylene (S)	52		%	1	42-129		6/6/2019 18:33	
Decachlorobiphenyl (S)	74		%	1	63-130		6/6/2019 18:33	

SEMIVOLATILES, SPLP

Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	15		%	1	0.0010	0.0010	7/31/2019 11:00	T

Lab ID: **T1913239052** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **CS-2 @ 2'-4'** Date Collected: 07/29/19 17:39

Results for sample T1913239052 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
METALS								
Analysis Desc: SW846 6010B Analysis, Soils			Preparation Method: SW-846 3050B Analytical Method: SW-846 6010					
Arsenic	7.0		mg/Kg	1	0.24	0.053	8/2/2019 15:51	T

METALS, SPLP

Analysis Desc: 1312/6010B Analysis, SPLP			Preparation Method: SW-846 3010A Analytical Method: SW-846 6010					
Arsenic	0.023		mg/L	1	0.010	0.0028	8/5/2019 17:10	T

SEMIVOLATILES

Analysis Desc: 8081B Pesticide Analysis, Soil			Preparation Method: SW-846 3550B Analytical Method: EPA 8081					
Dieldrin	0.00023	U	mg/Kg	1	0.00097	0.00023	8/1/2019 22:27	M
Tetrachloro-m-xylene (S)	80		%	1	42-129		8/1/2019 22:27	
Decachlorobiphenyl (S)	91		%	1	63-130		8/1/2019 22:27	

Report ID: 894189

Page 28 of 46

CERTIFICATE OF ANALYSIS

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ANALYTICAL RESULTS

Workorder: T1913239 Baypointe Golf Course

Lab ID: **T1913239052** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **CS-2 @ 2'-4'** Date Collected: 07/29/19 17:39

Results for sample T1913239052 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
SEMIVOLATILES, SPLP								
Analysis Desc: 1312/8081B Pesticide Analysis, SPLP			Preparation Method: SW-846 3510C Analytical Method: EPA 8081					
Dieldrin	0.0016	U	ug/L	1	0.020	0.0016	6/6/2019 18:54	M
Tetrachloro-m-xylene (S)	57		%	1	42-129		6/6/2019 18:54	
Decachlorobiphenyl (S)	75		%	1	63-130		6/6/2019 18:54	

SEMIVOLATILES, SPLP

Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	17		%	1	0.0010	0.0010	7/31/2019 11:00	T

Lab ID: **T1913239053** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **CS-3 @ 0-6"** Date Collected: 07/29/19 17:59

Results for sample T1913239053 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
METALS								
Analysis Desc: SW846 6010B Analysis, Soils			Preparation Method: SW-846 3050B Analytical Method: SW-846 6010					
Arsenic	5.4		mg/Kg	1	0.30	0.065	8/2/2019 16:11	T

METALS, SPLP

Analysis Desc: 1312/6010B Analysis, SPLP			Preparation Method: SW-846 3010A Analytical Method: SW-846 6010					
Arsenic	0.021		mg/L	1	0.010	0.0028	8/5/2019 17:14	T

SEMIVOLATILES

Analysis Desc: 8081B Pesticide Analysis, Soil			Preparation Method: SW-846 3550B Analytical Method: EPA 8081					
Dieldrin	0.0022		mg/Kg	1	0.00096	0.00023	8/1/2019 22:49	M
Tetrachloro-m-xylene (S)	86		%	1	42-129		8/1/2019 22:49	
Decachlorobiphenyl (S)	94		%	1	63-130		8/1/2019 22:49	

Report ID: 894189

Page 29 of 46

CERTIFICATE OF ANALYSIS

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ANALYTICAL RESULTS

Workorder: T1913239 Baypointe Golf Course

Lab ID: **T1913239053** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **CS-3 @ 0-6"** Date Collected: 07/29/19 17:59

Results for sample T1913239053 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
SEMIVOLATILES, SPLP								
Analysis Desc: 1312/8081B Pesticide Analysis, SPLP			Preparation Method: SW-846 3510C Analytical Method: EPA 8081					
Dieldrin	0.021		ug/L	1	0.020	0.0016	6/6/2019 19:16	M
Tetrachloro-m-xylene (S)	50		%	1	42-129		6/6/2019 19:16	
Decachlorobiphenyl (S)	69		%	1	63-130		6/6/2019 19:16	

SEMIVOLATILES, SPLP

Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	18		%	1	0.0010	0.0010	7/31/2019 11:00	T

Lab ID: **T1913239054** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **CS-3 @ 6"-2'** Date Collected: 07/29/19 18:03

Results for sample T1913239054 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
METALS								
Analysis Desc: SW846 6010B Analysis, Soils			Preparation Method: SW-846 3050B Analytical Method: SW-846 6010					
Arsenic	1.8		mg/Kg	1	0.32	0.069	8/2/2019 16:16	T

METALS, SPLP

Analysis Desc: 1312/6010B Analysis, SPLP			Preparation Method: SW-846 3010A Analytical Method: SW-846 6010					
Arsenic	0.0067	I	mg/L	1	0.010	0.0028	8/5/2019 17:18	T

SEMIVOLATILES

Analysis Desc: 8081B Pesticide Analysis, Soil			Preparation Method: SW-846 3550B Analytical Method: EPA 8081					
Dieldrin	0.00023	U	mg/Kg	1	0.00096	0.00023	8/1/2019 23:10	M
Tetrachloro-m-xylene (S)	72		%	1	42-129		8/1/2019 23:10	
Decachlorobiphenyl (S)	82		%	1	63-130		8/1/2019 23:10	

Report ID: 894189

Page 30 of 46

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ANALYTICAL RESULTS

Workorder: T1913239 Baypointe Golf Course

Lab ID: **T1913239054** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **CS-3 @ 6"-2'** Date Collected: 07/29/19 18:03

Results for sample T1913239054 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
SEMIVOLATILES, SPLP								
Analysis Desc: 1312/8081B Pesticide Analysis, SPLP			Preparation Method: SW-846 3510C Analytical Method: EPA 8081					
Dieldrin	0.0016	U	ug/L	1	0.020	0.0016	6/6/2019 19:38	M
Tetrachloro-m-xylene (S)	58		%	1	42-129		6/6/2019 19:38	
Decachlorobiphenyl (S)	75		%	1	63-130		6/6/2019 19:38	

SEMIVOLATILES, SPLP

Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	17		%	1	0.0010	0.0010	7/31/2019 11:00	T

Lab ID: **T1913239055** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **CS-3 @ 2'-4'** Date Collected: 07/29/19 18:07

Results for sample T1913239055 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
METALS								
Analysis Desc: SW846 6010B Analysis, Soils			Preparation Method: SW-846 3050B Analytical Method: SW-846 6010					
Arsenic	2.5		mg/Kg	1	0.31	0.067	8/2/2019 16:21	T

METALS, SPLP

Analysis Desc: 1312/6010B Analysis, SPLP			Preparation Method: SW-846 3010A Analytical Method: SW-846 6010					
Arsenic	0.0085	I	mg/L	1	0.010	0.0028	8/5/2019 17:21	T

SEMIVOLATILES

Analysis Desc: 8081B Pesticide Analysis, Soil			Preparation Method: SW-846 3550B Analytical Method: EPA 8081					
Dieldrin	0.00024	U	mg/Kg	1	0.0010	0.00024	8/1/2019 23:32	M
Tetrachloro-m-xylene (S)	96		%	1	42-129		8/1/2019 23:32	
Decachlorobiphenyl (S)	93		%	1	63-130		8/1/2019 23:32	

Report ID: 894189

Page 31 of 46

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ANALYTICAL RESULTS

Workorder: T1913239 Baypointe Golf Course

Lab ID: **T1913239055** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **CS-3 @ 2'-4'** Date Collected: 07/29/19 18:07

Results for sample T1913239055 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
SEMIVOLATILES, SPLP								
Analysis Desc: 1312/8081B Pesticide Analysis, SPLP			Preparation Method: SW-846 3510C Analytical Method: EPA 8081					
Dieldrin	0.0016	U	ug/L	1	0.021	0.0016	6/6/2019 19:59	M
Tetrachloro-m-xylene (S)	56		%	1	42-129		6/6/2019 19:59	
Decachlorobiphenyl (S)	85		%	1	63-130		6/6/2019 19:59	

SEMIVOLATILES, SPLP

Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	21		%	1	0.0010	0.0010	7/31/2019 11:00	T

Lab ID: **T1913239056** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **CS-4 @0-6"** Date Collected: 07/29/19 18:26

Results for sample T1913239056 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
METALS								
Analysis Desc: SW846 6010B Analysis, Soils			Preparation Method: SW-846 3050B Analytical Method: SW-846 6010					
Arsenic	2.2		mg/Kg	1	0.31	0.067	8/2/2019 16:26	T

METALS, SPLP

Analysis Desc: 1312/6010B Analysis, SPLP			Preparation Method: SW-846 3010A Analytical Method: SW-846 6010					
Arsenic	0.017		mg/L	1	0.010	0.0028	8/5/2019 17:25	T

SEMIVOLATILES

Analysis Desc: 8081B Pesticide Analysis, Soil			Preparation Method: SW-846 3550B Analytical Method: EPA 8081					
Dieldrin	0.0011		mg/Kg	1	0.00097	0.00023	8/2/2019 00:36	M
Tetrachloro-m-xylene (S)	80		%	1	42-129		8/2/2019 00:36	
Decachlorobiphenyl (S)	84		%	1	63-130		8/2/2019 00:36	

Report ID: 894189

Page 32 of 46

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ANALYTICAL RESULTS

Workorder: T1913239 Baypointe Golf Course

Lab ID: **T1913239056** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **CS-4 @0-6"** Date Collected: 07/29/19 18:26

Results for sample T1913239056 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
SEMIVOLATILES, SPLP								
Analysis Desc: 1312/8081B Pesticide Analysis, SPLP			Preparation Method: SW-846 3510C Analytical Method: EPA 8081					
Dieldrin	0.013	I	ug/L	1	0.020	0.0016	6/6/2019 20:21	M
Tetrachloro-m-xylene (S)	88		%	1	42-129		6/6/2019 20:21	
Decachlorobiphenyl (S)	77		%	1	63-130		6/6/2019 20:21	

SEMIVOLATILES, SPLP

Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	18		%	1	0.0010	0.0010	7/31/2019 11:00	T

Lab ID: **T1913239057** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **CS-4 @ 6"-2'** Date Collected: 07/29/19 18:30

Results for sample T1913239057 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
METALS								
Analysis Desc: SW846 6010B Analysis, Soils			Preparation Method: SW-846 3050B Analytical Method: SW-846 6010					
Arsenic	0.57		mg/Kg	1	0.26	0.056	8/2/2019 16:30	T

METALS, SPLP

Analysis Desc: 1312/6010B Analysis, SPLP			Preparation Method: SW-846 3010A Analytical Method: SW-846 6010					
Arsenic	0.0064	I	mg/L	1	0.010	0.0028	8/5/2019 17:29	T

SEMIVOLATILES

Analysis Desc: 8081B Pesticide Analysis, Soil			Preparation Method: SW-846 3550B Analytical Method: EPA 8081					
Dieldrin	0.00022	U	mg/Kg	1	0.00092	0.00022	8/2/2019 00:57	M
Tetrachloro-m-xylene (S)	90		%	1	42-129		8/2/2019 00:57	
Decachlorobiphenyl (S)	101		%	1	63-130		8/2/2019 00:57	

Report ID: 894189

Page 33 of 46

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ANALYTICAL RESULTS

Workorder: T1913239 Baypointe Golf Course

Lab ID: **T1913239057** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **CS-4 @ 6"-2'** Date Collected: 07/29/19 18:30

Results for sample T1913239057 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
SEMIVOLATILES, SPLP								
Analysis Desc: 1312/8081B Pesticide Analysis, SPLP			Preparation Method: SW-846 3510C Analytical Method: EPA 8081					
Dieldrin	0.0016	U	ug/L	1	0.020	0.0016	6/6/2019 20:43	M
Tetrachloro-m-xylene (S)	80		%	1	42-129		6/6/2019 20:43	
Decachlorobiphenyl (S)	71		%	1	63-130		6/6/2019 20:43	

SEMIVOLATILES, SPLP

Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	14		%	1	0.0010	0.0010	7/31/2019 11:00	T

Lab ID: **T1913239058** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **CS-4 @ 2'-4'** Date Collected: 07/29/19 18:37

Results for sample T1913239058 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
METALS								
Analysis Desc: SW846 6010B Analysis, Soils			Preparation Method: SW-846 3050B Analytical Method: SW-846 6010					
Arsenic	0.41		mg/Kg	1	0.28	0.060	8/2/2019 16:33	T

METALS, SPLP

Analysis Desc: 1312/6010B Analysis, SPLP			Preparation Method: SW-846 3010A Analytical Method: SW-846 6010					
Arsenic	0.0038	I	mg/L	1	0.010	0.0028	8/5/2019 17:33	T

SEMIVOLATILES

Analysis Desc: 8081B Pesticide Analysis, Soil			Preparation Method: SW-846 3550B Analytical Method: EPA 8081					
Dieldrin	0.00023	U	mg/Kg	1	0.00096	0.00023	8/2/2019 01:19	M
Tetrachloro-m-xylene (S)	87		%	1	42-129		8/2/2019 01:19	
Decachlorobiphenyl (S)	95		%	1	63-130		8/2/2019 01:19	

Report ID: 894189

Page 34 of 46

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ANALYTICAL RESULTS

Workorder: T1913239 Baypointe Golf Course

Lab ID: **T1913239058** Date Received: 07/30/19 15:00 Matrix: Soil
Sample ID: **CS-4 @ 2'-4'** Date Collected: 07/29/19 18:37

Results for sample T1913239058 are reported on a dry weight basis.

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
SEMIVOLATILES, SPLP								
Analysis Desc: 1312/8081B Pesticide Analysis, SPLP			Preparation Method: SW-846 3510C					
			Analytical Method: EPA 8081					
Dieldrin	0.0016	U	ug/L	1	0.020	0.0016	6/6/2019 21:04	M
Tetrachloro-m-xylene (S)	66		%	1	42-129		6/6/2019 21:04	
Decachlorobiphenyl (S)	75		%	1	63-130		6/6/2019 21:04	

SEMIVOLATILES, SPLP

Analysis Desc: Percent Solids, SM2540G, Soil			Analytical Method: SM 2540G					
Percent Moisture	18		%	1	0.0010	0.0010	7/31/2019 11:00	T

Lab ID: **T1913239059** Date Received: 07/30/19 15:00 Matrix: Water
Sample ID: **SW-1 (Filtered)** Date Collected: 07/29/19 12:22

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
METALS								
Analysis Desc: SW846 6010B Analysis, Dissolved			Preparation Method: SW-846 3005A					
			Analytical Method: SW-846 6010, Dissolved					
Arsenic	0.0028	U	mg/L	1	0.010	0.0028	8/1/2019 16:13	T

Lab ID: **T1913239060** Date Received: 07/30/19 15:00 Matrix: Water
Sample ID: **SW-2 (Filtered)** Date Collected: 07/29/19 15:11

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
METALS								
Analysis Desc: SW846 6010B Analysis, Dissolved			Preparation Method: SW-846 3005A					
			Analytical Method: SW-846 6010, Dissolved					

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ANALYTICAL RESULTS

Workorder: T1913239 Baypointe Golf Course

Lab ID: **T1913239060** Date Received: 07/30/19 15:00 Matrix: Water
Sample ID: **SW-2 (Filtered)** Date Collected: 07/29/19 15:11

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
Arsenic	0.0030	I	mg/L	1	0.010	0.0028	8/1/2019 16:21	T

Lab ID: **T1913239061** Date Received: 07/30/19 15:00 Matrix: Water
Sample ID: **SW-3 (Filtered)** Date Collected: 07/29/19 12:45

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
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METALS

Analysis Desc: SW846 6010B Preparation Method: SW-846 3005A
Analysis, Dissolved Analytical Method: SW-846 6010, Dissolved

Arsenic	0.0028	U	mg/L	1	0.010	0.0028	8/1/2019 16:46	T
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Lab ID: **T1913239062** Date Received: 07/30/19 15:00 Matrix: Water
Sample ID: **SW-4 (Filtered)** Date Collected: 07/29/19 13:30

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
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METALS

Analysis Desc: SW846 6010B Preparation Method: SW-846 3005A
Analysis, Dissolved Analytical Method: SW-846 6010, Dissolved

Arsenic	0.0028	U	mg/L	1	0.010	0.0028	8/1/2019 16:54	T
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ANALYTICAL RESULTS

Workorder: T1913239 Baypointe Golf Course

Lab ID: **T1913239063** Date Received: 07/30/19 15:00 Matrix: Water
Sample ID: **SW-5 (Filtered)** Date Collected: 07/29/19 13:42

Sample Description: Location:

Parameters	Results	Qual	Units	DF	Adjusted PQL	Adjusted MDL	Analyzed	Lab
METALS								
Analysis Desc: SW846 6010B			Preparation Method: SW-846 3005A					
Analysis, Dissolved			Analytical Method: SW-846 6010, Dissolved					
Arsenic	0.0028	U	mg/L	1	0.010	0.0028	8/1/2019 17:01	T

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ANALYTICAL RESULTS QUALIFIERS

Workorder: T1913239 Baypointe Golf Course

PARAMETER QUALIFIERS

- U The compound was analyzed for but not detected.
- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

LAB QUALIFIERS

- M DOH Certification #E82535(AEL-M)(FL NELAC Certification)
- T DOH Certification #E84589(AEL-T)(FL NELAC Certification)

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QUALITY CONTROL DATA

Workorder: T1913239 Baypointe Golf Course

QC Batch: WCAI/12591 Analysis Method: SM 2540G
QC Batch Method: SM 2540G Prepared:
Associated Lab Samples: T1913239001, T1913239002, T1913239003, T1913239004, T1913239005, T1913239006, T1913239007,

METHOD BLANK: 3173447

Parameter	Units	Blank Result	Reporting Limit Qualifiers
WET CHEMISTRY			
Percent Solid	%	0.001	0.001 U

QC Batch: WCAI/12592 Analysis Method: SM 2540G
QC Batch Method: SM 2540G Prepared:
Associated Lab Samples: T1913239022, T1913239023, T1913239024, T1913239025, T1913239026, T1913239027, T1913239028,

METHOD BLANK: 3173449

Parameter	Units	Blank Result	Reporting Limit Qualifiers
WET CHEMISTRY			
Percent Solid	%	0.001	0.001 U

QC Batch: EXTm/3077 Analysis Method: EPA 8081
QC Batch Method: SW-846 3550B Prepared: 07/31/2019 12:00
Associated Lab Samples: T1913239010, T1913239030, T1913239041, T1913239043, T1913239045, T1913239047, T1913239048,

METHOD BLANK: 3173943

Parameter	Units	Blank Result	Reporting Limit Qualifiers
SEMIVOLATILES			
Dieldrin	mg/Kg	0.00019	0.00019 U
Tetrachloro-m-xylene (S)	%	82	42-129
Decachlorobiphenyl (S)	%	90	63-130

QC Batch: EXTm/3078 Analysis Method: EPA 8081
QC Batch Method: SW-846 3510C Prepared: 07/31/2019 15:00
Associated Lab Samples: T1913239020, T1913239040, T1913239042, T1913239044, T1913239046

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QUALITY CONTROL DATA

Workorder: T1913239 Baypointe Golf Course

METHOD BLANK: 3174272

Parameter	Units	Blank Result	Reporting Limit Qualifiers
SEMIVOLATILES			
Dieldrin	ug/L	0.0016	0.0016 U
Tetrachloro-m-xylene (S)	%	72	44-124
Decachlorobiphenyl (S)	%	74	48-137

QC Batch: DGMt/3711 Analysis Method: SW-846 6010
QC Batch Method: SW-846 3010A Prepared: 08/01/2019 10:00
Associated Lab Samples: T1913239020, T1913239040, T1913239042, T1913239044, T1913239046, T1913239059, T1913239060,

METHOD BLANK: 3175258

Parameter	Units	Blank Result	Reporting Limit Qualifiers
METALS			
Arsenic	mg/L	0.0028	0.0028 U

QC Batch: DGMt/3713 Analysis Method: SW-846 6010
QC Batch Method: SW-846 3050B Prepared: 08/01/2019 11:00
Associated Lab Samples: T1913239010, T1913239030, T1913239041, T1913239043, T1913239045, T1913239047, T1913239048,

METHOD BLANK: 3175313

Parameter	Units	Blank Result	Reporting Limit Qualifiers
METALS			
Arsenic	mg/Kg	0.054	0.054 U

QC Batch: DGMt/3722 Analysis Method: SW-846 6010
QC Batch Method: SW-846 3010A Prepared: 08/05/2019 10:00
Associated Lab Samples: T1913239010, T1913239030, T1913239041, T1913239043, T1913239045, T1913239047, T1913239048,

METHOD BLANK: 3177818

Parameter	Units	Blank Result	Reporting Limit Qualifiers
Arsenic	mg/L	0.0028	0.0028 U

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QUALITY CONTROL DATA

Workorder: T1913239 Baypointe Golf Course

QC Batch:	EXTm/3097	Analysis Method:	EPA 8081
QC Batch Method:	SW-846 3510C	Prepared:	08/05/2019 14:00
Associated Lab Samples:	T1913239010, T1913239030, T1913239041, T1913239043, T1913239045, T1913239047, T1913239048,		

METHOD BLANK: 3178120

Parameter	Units	Blank Result	Reporting Limit Qualifiers
Dieldrin	ug/L	0.0016	0.0016 U
Tetrachloro-m-xylene (S)	%	83	44-124
Decachlorobiphenyl (S)	%	78	48-137

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: T1913239 Baypointe Golf Course

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
T1913239001	SB-1 @ 0-6"			SM 2540G	WCA/t/12591
T1913239002	SB-1 @ 6"-2'			SM 2540G	WCA/t/12591
T1913239003	SB-1 @ 2'-4'			SM 2540G	WCA/t/12591
T1913239004	SB-2 @ 0-6"			SM 2540G	WCA/t/12591
T1913239005	SB-2 @ 6"-2'			SM 2540G	WCA/t/12591
T1913239006	SB-2 @ 2'-4'			SM 2540G	WCA/t/12591
T1913239007	SB-3 @ 0-6"			SM 2540G	WCA/t/12591
T1913239008	SB-3 @ 6"-2'			SM 2540G	WCA/t/12591
T1913239009	SB-3 @ 2-4'			SM 2540G	WCA/t/12591
T1913239010	SE-1			SM 2540G	WCA/t/12591
T1913239011	SB-4 @ 0-6"			SM 2540G	WCA/t/12591
T1913239012	SB-4 @ 6"-2'			SM 2540G	WCA/t/12591
T1913239013	SB-4 @ 2'-4'			SM 2540G	WCA/t/12591
T1913239014	SB-5 @ 0-6"			SM 2540G	WCA/t/12591
T1913239015	SB-5 @ 6"-2'			SM 2540G	WCA/t/12591
T1913239016	SB-5 @ 2'-4'			SM 2540G	WCA/t/12591
T1913239018	SB-6 @ 6"-2'			SM 2540G	WCA/t/12591
T1913239019	SB-6 @ 2'-4'			SM 2540G	WCA/t/12591
T1913239021	SB-7 @ 0-6"			SM 2540G	WCA/t/12591
T1913239022	SB-7 @ 6"-2'			SM 2540G	WCA/t/12592
T1913239023	SB-7 @ 2'-4'			SM 2540G	WCA/t/12592
T1913239024	SB-8 @ 0-6"			SM 2540G	WCA/t/12592
T1913239025	SB-8 @ 6"-2'			SM 2540G	WCA/t/12592
T1913239026	SB-8 @ 2'-4'			SM 2540G	WCA/t/12592
T1913239027	SB-9 @ 0-6"			SM 2540G	WCA/t/12592
T1913239028	SB-9 @ 6"-2'			SM 2540G	WCA/t/12592
T1913239029	SB-9 @ 2"-4'			SM 2540G	WCA/t/12592
T1913239030	SE-2			SM 2540G	WCA/t/12592
T1913239031	SB-10 @ 0-6"			SM 2540G	WCA/t/12592
T1913239032	SB-10 @ 6"-2'			SM 2540G	WCA/t/12592
T1913239033	SB-10 @ 2'-4'			SM 2540G	WCA/t/12592
T1913239034	SB-11 @ 0-6"			SM 2540G	WCA/t/12592
T1913239035	SB-11 @ 6"-2'			SM 2540G	WCA/t/12592

Report ID: 894189

Page 42 of 46

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: T1913239 Baypointe Golf Course

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
T1913239036	SB-11 @ 2'-4'			SM 2540G	WCA/t/12592
T1913239037	SB-12 @ 0-6"			SM 2540G	WCA/t/12592
T1913239038	SB-12 @ 6"-2'			SM 2540G	WCA/t/12592
T1913239039	SB-12 @ 2'-4'			SM 2540G	WCA/t/12592
T1913239041	SE-3			SM 2540G	WCA/t/12592
T1913239043	SE-4			SM 2540G	WCA/t/12592
T1913239045	SE-5			SM 2540G	WCA/t/12593
T1913239047	CS-1 @ 0-6"			SM 2540G	WCA/t/12593
T1913239048	CS-1 @ 6"-2'			SM 2540G	WCA/t/12593
T1913239049	CS-1 @ 2'-4'			SM 2540G	WCA/t/12593
T1913239050	CS-2 @ 0-6"			SM 2540G	WCA/t/12593
T1913239051	CS-2 @ 6"-2'			SM 2540G	WCA/t/12593
T1913239052	CS-2 @ 2'-4'			SM 2540G	WCA/t/12593
T1913239053	CS-3 @ 0-6"			SM 2540G	WCA/t/12593
T1913239054	CS-3 @ 6"-2'			SM 2540G	WCA/t/12593
T1913239055	CS-3 @ 2'-4'			SM 2540G	WCA/t/12593
T1913239056	CS-4 @ 0-6"			SM 2540G	WCA/t/12593
T1913239057	CS-4 @ 6"-2'			SM 2540G	WCA/t/12593
T1913239058	CS-4 @ 2'-4'			SM 2540G	WCA/t/12593
T1913239010	SE-1	SW-846 3550B	EXTm/3077	EPA 8081	GCSm/2214
T1913239030	SE-2	SW-846 3550B	EXTm/3077	EPA 8081	GCSm/2214
T1913239041	SE-3	SW-846 3550B	EXTm/3077	EPA 8081	GCSm/2214
T1913239043	SE-4	SW-846 3550B	EXTm/3077	EPA 8081	GCSm/2214
T1913239045	SE-5	SW-846 3550B	EXTm/3077	EPA 8081	GCSm/2214
T1913239047	CS-1 @ 0-6"	SW-846 3550B	EXTm/3077	EPA 8081	GCSm/2214
T1913239048	CS-1 @ 6"-2'	SW-846 3550B	EXTm/3077	EPA 8081	GCSm/2214
T1913239049	CS-1 @ 2'-4'	SW-846 3550B	EXTm/3077	EPA 8081	GCSm/2214
T1913239050	CS-2 @ 0-6"	SW-846 3550B	EXTm/3077	EPA 8081	GCSm/2214
T1913239051	CS-2 @ 6"-2'	SW-846 3550B	EXTm/3077	EPA 8081	GCSm/2214
T1913239052	CS-2 @ 2'-4'	SW-846 3550B	EXTm/3077	EPA 8081	GCSm/2214
T1913239053	CS-3 @ 0-6"	SW-846 3550B	EXTm/3077	EPA 8081	GCSm/2214
T1913239054	CS-3 @ 6"-2'	SW-846 3550B	EXTm/3077	EPA 8081	GCSm/2214

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: T1913239 Baypointe Golf Course

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
T1913239055	CS-3 @ 2'-4'	SW-846 3550B	EXTm/3077	EPA 8081	GCSm/2214
T1913239056	CS-4 @ 0-6"	SW-846 3550B	EXTm/3077	EPA 8081	GCSm/2214
T1913239057	CS-4 @ 6"-2'	SW-846 3550B	EXTm/3077	EPA 8081	GCSm/2214
T1913239058	CS-4 @ 2'-4'	SW-846 3550B	EXTm/3077	EPA 8081	GCSm/2214
T1913239020	SW-1	SW-846 3510C	EXTm/3078	EPA 8081	GCSm/2215
T1913239040	SW-2	SW-846 3510C	EXTm/3078	EPA 8081	GCSm/2215
T1913239042	SW-3	SW-846 3510C	EXTm/3078	EPA 8081	GCSm/2215
T1913239044	SW-4	SW-846 3510C	EXTm/3078	EPA 8081	GCSm/2215
T1913239046	SW-5	SW-846 3510C	EXTm/3078	EPA 8081	GCSm/2215
T1913239020	SW-1	SW-846 3010A	DGMt/3711	SW-846 6010	ICPt/2585
T1913239040	SW-2	SW-846 3010A	DGMt/3711	SW-846 6010	ICPt/2585
T1913239042	SW-3	SW-846 3010A	DGMt/3711	SW-846 6010	ICPt/2585
T1913239044	SW-4	SW-846 3010A	DGMt/3711	SW-846 6010	ICPt/2585
T1913239046	SW-5	SW-846 3010A	DGMt/3711	SW-846 6010	ICPt/2585
T1913239059	SW-1 (Filtered)	SW-846 3005A	DGMt/3711	SW-846 6010, Dissolved	ICPt/2585
T1913239060	SW-2 (Filtered)	SW-846 3005A	DGMt/3711	SW-846 6010, Dissolved	ICPt/2585
T1913239061	SW-3 (Filtered)	SW-846 3005A	DGMt/3711	SW-846 6010, Dissolved	ICPt/2585
T1913239062	SW-4 (Filtered)	SW-846 3005A	DGMt/3711	SW-846 6010, Dissolved	ICPt/2585
T1913239063	SW-5 (Filtered)	SW-846 3005A	DGMt/3711	SW-846 6010, Dissolved	ICPt/2585
T1913239010	SE-1	SW-846 3050B	DGMt/3713	SW-846 6010	ICPt/2587
T1913239030	SE-2	SW-846 3050B	DGMt/3713	SW-846 6010	ICPt/2587
T1913239041	SE-3	SW-846 3050B	DGMt/3713	SW-846 6010	ICPt/2587
T1913239043	SE-4	SW-846 3050B	DGMt/3713	SW-846 6010	ICPt/2587
T1913239045	SE-5	SW-846 3050B	DGMt/3713	SW-846 6010	ICPt/2587
T1913239047	CS-1 @ 0-6"	SW-846 3050B	DGMt/3713	SW-846 6010	ICPt/2587
T1913239048	CS-1 @ 6"-2'	SW-846 3050B	DGMt/3713	SW-846 6010	ICPt/2587
T1913239049	CS-1 @ 2'-4'	SW-846 3050B	DGMt/3713	SW-846 6010	ICPt/2587
T1913239050	CS-2 @ 0-6"	SW-846 3050B	DGMt/3713	SW-846 6010	ICPt/2587
T1913239051	CS-2 @ 6"-2'	SW-846 3050B	DGMt/3713	SW-846 6010	ICPt/2587

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: T1913239 Baypointe Golf Course

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
T1913239052	CS-2 @ 2'-4'	SW-846 3050B	DGMt/3713	SW-846 6010	ICPt/2587
T1913239053	CS-3 @ 0-6"	SW-846 3050B	DGMt/3713	SW-846 6010	ICPt/2587
T1913239054	CS-3 @ 6"-2'	SW-846 3050B	DGMt/3713	SW-846 6010	ICPt/2587
T1913239055	CS-3 @ 2'-4'	SW-846 3050B	DGMt/3713	SW-846 6010	ICPt/2587
T1913239056	CS-4 @ 0-6"	SW-846 3050B	DGMt/3713	SW-846 6010	ICPt/2587
T1913239057	CS-4 @ 6"-2'	SW-846 3050B	DGMt/3713	SW-846 6010	ICPt/2587
T1913239058	CS-4 @ 2'-4'	SW-846 3050B	DGMt/3713	SW-846 6010	ICPt/2587
T1913239010	SE-1	SW-846 3010A	DGMt/3722	SW-846 6010	ICPt/2592
T1913239030	SE-2	SW-846 3010A	DGMt/3722	SW-846 6010	ICPt/2592
T1913239041	SE-3	SW-846 3010A	DGMt/3722	SW-846 6010	ICPt/2592
T1913239043	SE-4	SW-846 3010A	DGMt/3722	SW-846 6010	ICPt/2592
T1913239045	SE-5	SW-846 3010A	DGMt/3722	SW-846 6010	ICPt/2592
T1913239047	CS-1 @ 0-6"	SW-846 3010A	DGMt/3722	SW-846 6010	ICPt/2592
T1913239048	CS-1 @ 6"-2'	SW-846 3010A	DGMt/3722	SW-846 6010	ICPt/2592
T1913239049	CS-1 @ 2'-4'	SW-846 3010A	DGMt/3722	SW-846 6010	ICPt/2592
T1913239050	CS-2 @ 0-6"	SW-846 3010A	DGMt/3722	SW-846 6010	ICPt/2592
T1913239051	CS-2 @ 6"-2'	SW-846 3010A	DGMt/3722	SW-846 6010	ICPt/2592
T1913239052	CS-2 @ 2'-4'	SW-846 3010A	DGMt/3722	SW-846 6010	ICPt/2592
T1913239053	CS-3 @ 0-6"	SW-846 3010A	DGMt/3722	SW-846 6010	ICPt/2592
T1913239054	CS-3 @ 6"-2'	SW-846 3010A	DGMt/3722	SW-846 6010	ICPt/2592
T1913239055	CS-3 @ 2'-4'	SW-846 3010A	DGMt/3722	SW-846 6010	ICPt/2592
T1913239056	CS-4 @ 0-6"	SW-846 3010A	DGMt/3722	SW-846 6010	ICPt/2592
T1913239057	CS-4 @ 6"-2'	SW-846 3010A	DGMt/3722	SW-846 6010	ICPt/2592
T1913239058	CS-4 @ 2'-4'	SW-846 3010A	DGMt/3722	SW-846 6010	ICPt/2592
T1913239010	SE-1	SW-846 3510C	EXTm/3097	EPA 8081	GCSm/2224
T1913239030	SE-2	SW-846 3510C	EXTm/3097	EPA 8081	GCSm/2224
T1913239041	SE-3	SW-846 3510C	EXTm/3097	EPA 8081	GCSm/2224
T1913239043	SE-4	SW-846 3510C	EXTm/3097	EPA 8081	GCSm/2224
T1913239045	SE-5	SW-846 3510C	EXTm/3097	EPA 8081	GCSm/2224
T1913239047	CS-1 @ 0-6"	SW-846 3510C	EXTm/3097	EPA 8081	GCSm/2224
T1913239048	CS-1 @ 6"-2'	SW-846 3510C	EXTm/3097	EPA 8081	GCSm/2224
T1913239049	CS-1 @ 2'-4'	SW-846 3510C	EXTm/3097	EPA 8081	GCSm/2224

Report ID: 894189

Page 45 of 46

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: T1913239 Baypointe Golf Course

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
T1913239050	CS-2 @ 0-6"	SW-846 3510C	EXTm/3097	EPA 8081	GCSm/2224
T1913239051	CS-2 @ 6"-2'	SW-846 3510C	EXTm/3097	EPA 8081	GCSm/2224
T1913239052	CS-2 @ 2'-4'	SW-846 3510C	EXTm/3097	EPA 8081	GCSm/2224
T1913239053	CS-3 @ 0-6"	SW-846 3510C	EXTm/3097	EPA 8081	GCSm/2224
T1913239054	CS-3 @ 6"-2'	SW-846 3510C	EXTm/3097	EPA 8081	GCSm/2224
T1913239055	CS-3 @ 2'-4'	SW-846 3510C	EXTm/3097	EPA 8081	GCSm/2224
T1913239056	CS-4 @ 0-6"	SW-846 3510C	EXTm/3097	EPA 8081	GCSm/2224
T1913239057	CS-4 @ 6"-2'	SW-846 3510C	EXTm/3097	EPA 8081	GCSm/2224
T1913239058	CS-4 @ 2'-4'	SW-846 3510C	EXTm/3097	EPA 8081	GCSm/2224

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- ☐ **Fort Myers:** 13100 Westlinks Terrace, Ste. 10 • 941/339-1100
- ☐ **Jacksonville:** 6681 Southpoint Pkwy. • Jackson-ville • 904/726-1100
- ☐ **Tallahassee:** 2620 North Monroe St., Suite D • Tallahassee • 904/291-1100

T1913239

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Miramar: 10200 USA Today Way, Miramar, FL 33025 • 954.889.2288 • Fax 954.889.2251

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☒ Tampa: 9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9616 • Fax 813.630.4327

11415254

Page 2 of 6

Client Name: ELS-Florida, LLC		Project Name: Baypointe Golf Course							
Address: 4524 N 56th St		Project Number: SS-2310 A							
Phone: (813) 302-1644		PO Number: -							
FAX: -		FDEP Facility No: -							
Contact: S. Laking		FDEP Facility Address: 9399 Cambridge Dr, FL							
Sampled By: S. Magyez/m. collins		Special Instructions: -							
Turn Around Time: ☐ STANDARD ☐ RUSH		AEI Profile #: ☐ ADAPT ☐ EQUIS ☐ Other							
SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE	TIME	MATRIX	NO. COUNT	ANALYSIS REQUIRED	BOTTLE SIZE & TYPE	LABORATORY I.D. NUMBER
Hold for SB-4 @ 0-6"	6"-2"	G	07/29/11	1159	SO	1	Arsenic/dieldrin	807 glass	011
PM Aggrand	6"-2"			1201			dieldrin	HDPE 250ML	012
	2"-4"			1203			dieldrin (Lab Filter)	HDPE 250ML	013
	0-6"			1310			Arsenic		014
	6"-2"			1311			Arsenic (Lab Filter)		015
	2"-4"			1312					016
	0-6"			1317					017
	6"-2"			1318					018
	2"-4"			1319					019
Ann SW-1				1222	SW	4			020
Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge									
Received on Ice ☒ Yes ☐ No Temp taken from sample ☐ Temp from blank ☒ Where required, pH checked									
DCN: AD-051 Form last revised 06/19/2017 Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 (T: 10A) A: 3A M: 3A S: 1V F: 1A									
Relinquished by: Date Time Received by: Date Time									
FOR DRINKING WATER USE: (When PWS information not otherwise supplied) PWS ID: Contact Person: Supplier of Water: Phone: Site Address:									



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1913659

Page 3 of 6

Client Name: ECS-Florida, LLC		Project Name: Baypointe Golf Course									
Address: 4524 N. 56th St.		Project Number: 55-2316A									
Phone: (813) 302-1444		PO Number:									
FAX:		FDEP Facility No:									
Contact: S. Larkins		FDEP Facility Address: 9309 Commodore Dr. Semie FL									
Sampled By: S. Merguez III / M. Collins		Special Instructions:									
Turn Around Time: ☐ STANDARD ☐ RUSH		☐ ADAPT ☐ EQUIS ☐ Other									
AEL Profile #:		Preservation Field-Filtered?									
SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE	TIME	MATRIX	NO. COUNT	ANALYSIS REQUIRED		BOTTLE SIZE & TYPE		
Hold	SS-7 @ 0-6"	G	07/29	1418	SO	1	Arsenic/Dieldrin		807 807 807		
	↓ 6-2'			1419			Dieldrin/SPLP Dieldrin				
	↓ 2-4'			1420			Arsenic/SPLP Arsenic				
	SS-8 @ 0-6"			1447							
	↓ 6-2'			1448							
	↓ 2-4'			1449							
	SS-9 @ 0-6"			1453							
	↓ 6-2'			1456							
	↓ 2-4'			1457							
Run	SE-2			1427							
Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge		Preservation Code: I = Ice H=(HCl) S=(H2SO4) N=(HNO3) T=(Sodium Thiosulfate)									
Received on Ice ☒ Yes ☐ No ☒ Temp taken from sample ☐ Temp from blank ☐ Where required, pH checked		Temp. when received (observed) 60 °C		Temp. when received (corrected) 60 °C							
DCN: AD-051 Form last revised 06/19/2017		Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V F: 1A									
Relinquished by:		Date		Time		Received by:		Date		Time	
1 S. Merguez III		07/30		1210		S. Merguez III		07/30		1510	
2											
3											
4											

FOR DRINKING WATER USE:

(When PWS information not otherwise supplied)

PWS ID:

Contact Person:

Phone:

Supplier of Water:

Site-Address:



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Client Name: <u>EC5-Florida, LLC</u>		Project Name: <u>Baypointe Golf Course</u>					
Address: <u>4504 N. 56th St.</u>		Project Number: <u>SS-23104</u>					
Phone: <u>(813) 302-1644</u>		PO Number: <u>SS-23104</u>					
FAX: <u>—</u>		FDEP Facility No: <u>—</u>					
Contact: <u>S. Lakay</u>		FDEP Facility Address: <u>9300 Commodore Dr.</u>					
Sampled By: <u>S. Margezitt / M. Collins</u>		Special Instructions: <u>9300 Commodore Dr.</u>					
Turn Around Time: ☐ STANDARD ☐ RUSH							
AEL Profile #:		☐ ADAPT ☐ EQUIS ☐ Other					
SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE	MATRIX	NO. COUNT	ANALYSIS REQUIRED	BOTTLE SIZE & TYPE
Hold	SS-10 @ 0-6"	✓	7/21/18	1502	SO	1	
	↓			1503			
	↓			1504			
	SS-11 @ 0-6"			1517			
	↓			1518			
	↓			1519			
	SS-12 @ 0-6"			1509			
	↓			1510			
	↓			1511			
Run	SW-2	✓		SW	4		
Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge		Preservation Code: I = Ice H = (HCl) S = (H2SO4) N = (HNO3) T = (Sodium Thiosulfate)					
Received on Ice ☒ Yes ☐ No ☐ Temp taken from sample ☐ Temp from blank ☒ Where required, pH checked		Temp. when received (observed) <u>65</u> °C Temp. when received (corrected) <u>65</u> °C					
DCN: AD-051 Form last revised 06/19/2017		Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V F: 1A					
Relinquished by: <u>—</u> Date: <u>07/30/2018</u> Time: <u>12:10</u>		Received by: <u>—</u> Date: <u>7/30/18</u> Time: <u>12:10</u>					
1	<u>S. Margezitt</u>	<u>07/30</u>	<u>12:10</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
2							
3							
4							

FOR DRINKING WATER USE:
(When PWS Information not otherwise supplied) PWS ID: _____
Contact Person: _____ Phone: _____
Supplier of Water: _____
Site Address: _____



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Client Name:

ELS-FL111C

Project Name:

SS-2310A

Address:

4534 N. 56th St

Project Number:

Bayside Golf Course

BOTTLE

SIZE & TYPE

807 glass

HOPE 250ML

AG 1L

AG 1L

AG 1L

AG 1L

AG 1L

AG 1L

AG 1L

AG 1L

Phone:

(813) 302-1644

FDEP Facility No:

—

FAX:

—

FDEP Facility Address:

Sumner, FL

Contact:

S. Lakay

Special Instructions:

Sampled By: S. Magyezt, M. Collins

Turn Around Time: ☐ STANDARD ☐ RUSH

AEI Profile #:

☐ ADAPT

☐ EQUIS

☐ Other

SAMPLE ID

SAMPLE DESCRIPTION

Grab

DATE

SAMPLING TIME

MATRIX

NO. COUNT

Preservation Field-Filtered?

LABORATORY I.D. NUMBER

Run

SE-3

SW-3

SE-4

SW-4

SE-5

SW-5

CS-1

CS-2

CS-3

CS-4

CS-5

CS-6

CS-7

CS-8

CS-9

SE-3

SW-3

SE-4

SW-4

SE-5

SW-5

CS-1

CS-2

CS-3

CS-4

CS-5

CS-6

CS-7

CS-8

CS-9

SE-3

SW-3

SE-4

SW-4

SE-5

SW-5

CS-1

CS-2

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CS-5

CS-6

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CS-8

CS-9

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SW-3

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SW-4

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SE-3

SW-3

SE-4

SW-4

SE-5

SW-5

CS-1

CS-2

CS-3

CS-4

CS-5

CS-6

CS-7

CS-8

CS-9

SE-3

SW-3

SE-4

SW-4

SE-5

SW-5

CS-1

CS-2

CS-3

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Client Name: ELCS-FL LLC		Project Name: Baypointe Golf Course	
Address: 4524 N. 56th St		Project Number: SS-2310A	
Phone: (813) 302-1644		PO Number:	
FAX: (813) 302-1644		FDEP Facility No:	
Contact: S. Laker		FDEP Facility Address: Seminole, FL	
Sampled By: S. Maguez		Special Instructions:	
Turn Around Time: ☐ STANDARD ☐ RUSH		☐ ADAPT ☐ EQUIS ☐ Other	
AEL Profile #:		ANALYSIS REQUIRED Arsonic / SPLP Arsonic Dieldrin / SPLP dieldrin	

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING		MATRIX	NO. COUNT	Preservation Field-Filtered?	LABORATORY I.D. NUMBER
			DATE	TIME				
km	CS-2 @ 6'-2'	G	07/29	1736	SO	2		051
	↓ 2'-4'			1739			X	052
	CS-3 @ 0-6'			1759			X	053
	↓ 2'-4'			1803			X	054
	CS-4 @ 0-6'			1807			X	055
	↓ 2'-4'			1826			X	056
	CS-4 @ 0-6'			1830			X	057
	↓ 2'-4'			1837			X	058

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge	
Received on Ice: ☒ Yes ☐ No Temp taken from sample: ☐ Temp from blank ☒ Where required, pH checked	Temp. when received (observed) 6.5 °C Temp. when received (corrected) 6.6 °C
Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 I: 9A A: 3A M: 3A S: 1V F: 1A	

FOR DRINKING WATER USE:
 (When PWS information not otherwise supplied) PWS ID: _____
 Contact Person: _____ Phone: _____
 Supplier of Water: _____
 Site Address: _____

June 26, 2019

Justinono Marquez
ECS Florida, LLC
4524 N 56th St.
Tampa, FL 33610

RE: LOG# 1962941
Project ID: Baypoint
COC# 1962941

Dear Justinono Marquez:

Enclosed are the analytical results for sample(s) received by the laboratory on Wednesday, June 19, 2019. Results reported herein conform to the most current NELAC standards, where applicable, unless indicated by * in the body of the report. The enclosed Chain of Custody is a component of this package and should be retained with the package and incorporated therein.

Results for all solid matrices are reported in dry weight unless otherwise noted. Results for all liquid matrices are reported as received in the laboratory unless otherwise noted. Results relate only to the samples received. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

Samples are disposed of after 30 days of their receipt by the laboratory unless extended storage is requested in writing. The laboratory maintains the right to charge storage fees for archived samples. This report will be archived for 5 years after which time it will be destroyed without further notice, unless prior arrangements have been made.

Certain analyses are subcontracted to outside NELAC certified laboratories, please see the Project Summary section of this report for NELAC certification numbers of laboratories used. A Statement of Qualifiers is available upon request.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Rebecca Lourido for
Kacia Baldwin
V.P. of Operations

SAMPLE ANALYTE COUNT

Workorder: 1962941

Project ID: Baypoint

Lab ID	Sample ID	Method	Analytes Reported
1962941001	TMW-4	EPA 8081 (GC)	3
1962941002	TMW-3	EPA 8081 (GC)	3
1962941003	TMW-1	EPA 8081 (GC)	3
1962941004	TMW-2	EPA 8081 (GC)	3
1962941005	TMW-5	EPA 8081 (GC)	3
1962941006	TMW-8	EPA 8081 (GC)	3
1962941007	TMW-6	EPA 8081 (GC)	3
1962941008	TMW-7	EPA 8081 (GC)	3
1962941009	TMW-4 (filtered)	EPA 8081 (GC)	3
1962941010	TMW-3 (filtered)	EPA 8081 (GC)	3
1962941011	TMW-1 (filtered)	EPA 8081 (GC)	3
1962941012	TMW-2 (filtered)	EPA 8081 (GC)	3
1962941013	TMW-5 (filtered)	EPA 8081 (GC)	3
1962941014	TMW-8 (filtered)	EPA 8081 (GC)	3
1962941015	TMW-6 (filtered)	EPA 8081 (GC)	3
1962941016	TMW-7 (filtered)	EPA 8081 (GC)	3

FDOH# E86546

CERTIFICATE OF ANALYSIS

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SAMPLE SUMMARY

Workorder: 1962941

Project ID: Baypoint

Lab ID	Sample ID	Matrix	Date Collected	Date Received
1962941001	TMW-4	Aqueous Liquid	6/18/2019 11:13	6/19/2019 08:00
1962941002	TMW-3	Aqueous Liquid	6/18/2019 11:51	6/19/2019 08:00
1962941003	TMW-1	Aqueous Liquid	6/18/2019 12:28	6/19/2019 08:00
1962941004	TMW-2	Aqueous Liquid	6/18/2019 13:12	6/19/2019 08:00
1962941005	TMW-5	Aqueous Liquid	6/18/2019 14:18	6/19/2019 08:00
1962941006	TMW-8	Aqueous Liquid	6/18/2019 14:52	6/19/2019 08:00
1962941007	TMW-6	Aqueous Liquid	6/18/2019 15:27	6/19/2019 08:00
1962941008	TMW-7	Aqueous Liquid	6/18/2019 16:00	6/19/2019 08:00
1962941009	TMW-4 (filtered)	Aqueous Liquid	6/18/2019 11:13	6/19/2019 08:00
1962941010	TMW-3 (filtered)	Aqueous Liquid	6/18/2019 11:51	6/19/2019 08:00
1962941011	TMW-1 (filtered)	Aqueous Liquid	6/18/2019 12:28	6/19/2019 08:00
1962941012	TMW-2 (filtered)	Aqueous Liquid	6/18/2019 13:12	6/19/2019 08:00
1962941013	TMW-5 (filtered)	Aqueous Liquid	6/18/2019 14:18	6/19/2019 08:00
1962941014	TMW-8 (filtered)	Aqueous Liquid	6/18/2019 14:52	6/19/2019 08:00
1962941015	TMW-6 (filtered)	Aqueous Liquid	6/18/2019 15:27	6/19/2019 08:00
1962941016	TMW-7 (filtered)	Aqueous Liquid	6/18/2019 16:00	6/19/2019 08:00

FDOH# E86546

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ANALYTICAL RESULTS

Workorder: 1962941

Project ID: Baypoint

Lab ID: **1962941001**

Date Received: 6/19/2019 08:00

Matrix: Aqueous Liquid

Sample ID: **TMW-4**

Date Collected: 6/18/2019 11:13

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
------------	---------	-------	-----	-----	----	----------	----	----------	----	------

Analysis Desc: EPA 8081 by GC DOD (W)

Preparation Method: EPA 3510C

Analytical Method: EPA 8081 (GC)

Tetrachloro-m-xylene (S)	59 %	50-130		1	6/25/2019 09:03	JG	6/25/2019 13:18	VS
--------------------------	------	--------	--	---	-----------------	----	-----------------	----

Semivolatiles by GC

Analysis Desc: EPA 8081 by GC DOD (W)

Preparation Method: EPA 3510C

Analytical Method: EPA 8081 (GC)

Decachlorobiphenyl (S)	59 %	50-130		1	6/25/2019 09:03	JG	6/25/2019 13:18	VS
Dieldrin	0.0061 ug/L	0.0019	0.00055	1	6/25/2019 09:03	JG	6/25/2019 13:18	VS

ANALYTICAL RESULTS

Workorder: 1962941

Project ID: Baypoint

Lab ID: 1962941002	Date Received: 6/19/2019 08:00	Matrix: Aqueous Liquid
Sample ID: TMW-3	Date Collected: 6/18/2019 11:51	

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
------------	---------	-------	-----	-----	----	----------	----	----------	----	------

Analysis Desc: EPA 8081 by GC DOD (W)

Preparation Method: EPA 3510C

Analytical Method: EPA 8081 (GC)

Tetrachloro-m-xylene (S)	51	%	50-130		1	6/25/2019 09:03	JG	6/25/2019 13:34	VS	
--------------------------	----	---	--------	--	---	-----------------	----	-----------------	----	--

Semivolatiles by GC

Analysis Desc: EPA 8081 by GC DOD (W)

Preparation Method: EPA 3510C

Analytical Method: EPA 8081 (GC)

Decachlorobiphenyl (S)	59	%	50-130		1	6/25/2019 09:03	JG	6/25/2019 13:34	VS	
Dieldrin		U ug/L	0.0019	0.00055	1	6/25/2019 09:03	JG	6/25/2019 13:34	VS	

ANALYTICAL RESULTS

Workorder: 1962941

Project ID: Baypoint

Lab ID: **1962941003**

Date Received: 6/19/2019 08:00

Matrix: Aqueous Liquid

Sample ID: **TMW-1**

Date Collected: 6/18/2019 12:28

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
------------	---------	-------	-----	-----	----	----------	----	----------	----	------

Analysis Desc: EPA 8081 by GC DOD (W)

Preparation Method: EPA 3510C

Analytical Method: EPA 8081 (GC)

Tetrachloro-m-xylene (S)	54 %	50-130		1	6/25/2019 09:03	JG	6/25/2019 13:50	VS
--------------------------	------	--------	--	---	-----------------	----	-----------------	----

Semivolatiles by GC

Analysis Desc: EPA 8081 by GC DOD (W)

Preparation Method: EPA 3510C

Analytical Method: EPA 8081 (GC)

Decachlorobiphenyl (S)	66 %	50-130		1	6/25/2019 09:03	JG	6/25/2019 13:50	VS
Dieldrin	0.0066 ug/L	0.0019	0.00055	1	6/25/2019 09:03	JG	6/25/2019 13:50	VS

ANALYTICAL RESULTS

Workorder: 1962941

Project ID: Baypoint

Lab ID: 1962941004	Date Received: 6/19/2019 08:00	Matrix: Aqueous Liquid
Sample ID: TMW-2	Date Collected: 6/18/2019 13:12	

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
------------	---------	-------	-----	-----	----	----------	----	----------	----	------

Analysis Desc: EPA 8081 by GC DOD (W)

Preparation Method: EPA 3510C

Analytical Method: EPA 8081 (GC)

Tetrachloro-m-xylene (S)	59 %		50-130		1	6/25/2019 09:36	JG	6/25/2019 19:04	VS	
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Semivolatiles by GC

Analysis Desc: EPA 8081 by GC DOD (W)

Preparation Method: EPA 3510C

Analytical Method: EPA 8081 (GC)

Decachlorobiphenyl (S)	60 %		50-130		1	6/25/2019 09:36	JG	6/25/2019 19:04	VS	
Dieldrin	0.0047 ug/L		0.0019	0.00055	1	6/25/2019 09:36	JG	6/25/2019 19:04	VS	

ANALYTICAL RESULTS

Workorder: 1962941

Project ID: Baypoint

Lab ID: 1962941005	Date Received: 6/19/2019 08:00	Matrix: Aqueous Liquid
Sample ID: TMW-5	Date Collected: 6/18/2019 14:18	

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
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Analysis Desc: EPA 8081 by GC DOD (W)

Preparation Method: EPA 3510C

Analytical Method: EPA 8081 (GC)

Tetrachloro-m-xylene (S)	59 %		50-130		1	6/25/2019 09:36	JG	6/25/2019 19:19	VS	
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Semivolatiles by GC

Analysis Desc: EPA 8081 by GC DOD (W)

Preparation Method: EPA 3510C

Analytical Method: EPA 8081 (GC)

Decachlorobiphenyl (S)	64 %		50-130		1	6/25/2019 09:36	JG	6/25/2019 19:19	VS	
Dieldrin	0.0057 ug/L		0.0019	0.00055	1	6/25/2019 09:36	JG	6/25/2019 19:19	VS	

ANALYTICAL RESULTS

Workorder: 1962941

Project ID: Baypoint

Lab ID: 1962941006	Date Received: 6/19/2019 08:00	Matrix: Aqueous Liquid
Sample ID: TMW-8	Date Collected: 6/18/2019 14:52	

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
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Analysis Desc: EPA 8081 by GC DOD (W)

Preparation Method: EPA 3510C

Analytical Method: EPA 8081 (GC)

Tetrachloro-m-xylene (S)	65 %		50-130		1	6/25/2019 09:36	JG	6/25/2019 19:35	VS	
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Semivolatiles by GC

Analysis Desc: EPA 8081 by GC DOD (W)

Preparation Method: EPA 3510C

Analytical Method: EPA 8081 (GC)

Decachlorobiphenyl (S)	70 %		50-130		1	6/25/2019 09:36	JG	6/25/2019 19:35	VS	
Dieldrin	U ug/L		0.0019	0.00055	1	6/25/2019 09:36	JG	6/25/2019 19:35	VS	

ANALYTICAL RESULTS

Workorder: 1962941

Project ID: Baypoint

Lab ID: **1962941007**

Date Received: 6/19/2019 08:00

Matrix: Aqueous Liquid

Sample ID: **TMW-6**

Date Collected: 6/18/2019 15:27

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
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Analysis Desc: EPA 8081 by GC DOD (W)

Preparation Method: EPA 3510C

Analytical Method: EPA 8081 (GC)

Tetrachloro-m-xylene (S)	62 %	50-130		1	6/25/2019 09:36	JG	6/25/2019 19:51	VS
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Semivolatiles by GC

Analysis Desc: EPA 8081 by GC DOD (W)

Preparation Method: EPA 3510C

Analytical Method: EPA 8081 (GC)

Decachlorobiphenyl (S)	68 %	50-130		1	6/25/2019 09:36	JG	6/25/2019 19:51	VS
Dieldrin	0.041 ug/L	0.0019	0.00055	1	6/25/2019 09:36	JG	6/25/2019 19:51	VS

ANALYTICAL RESULTS

Workorder: 1962941

Project ID: Baypoint

Lab ID: **1962941008**

Date Received: 6/19/2019 08:00

Matrix: Aqueous Liquid

Sample ID: **TMW-7**

Date Collected: 6/18/2019 16:00

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
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Analysis Desc: EPA 8081 by GC DOD (W)

Preparation Method: EPA 3510C

Analytical Method: EPA 8081 (GC)

Tetrachloro-m-xylene (S)	37 %		50-130		1	6/25/2019 09:36	JG	6/25/2019 20:06	VS	J2
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Semivolatiles by GC

Analysis Desc: EPA 8081 by GC DOD (W)

Preparation Method: EPA 3510C

Analytical Method: EPA 8081 (GC)

Decachlorobiphenyl (S)	72 %		50-130		1	6/25/2019 09:36	JG	6/25/2019 20:06	VS	
Dieldrin	U ug/L		0.037	0.011	20	6/25/2019 09:36	JG	6/26/2019 13:56	VS	

ANALYTICAL RESULTS

Workorder: 1962941

Project ID: Baypoint

Lab ID: **1962941009** Date Received: 6/19/2019 08:00 Matrix: Aqueous Liquid
Sample ID: **TMW-4 (filtered)** Date Collected: 6/18/2019 11:13

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
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Analysis Desc: EPA 8081 by GC DOD (W)

Preparation Method: EPA 3510C

Analytical Method: EPA 8081 (GC)

Tetrachloro-m-xylene (S)	48 %		50-130		1	6/25/2019 09:36	JG	6/25/2019 20:22	VS	J2
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Semivolatiles by GC

Analysis Desc: EPA 8081 by GC DOD (W)

Preparation Method: EPA 3510C

Analytical Method: EPA 8081 (GC)

Decachlorobiphenyl (S)	70 %		50-130		1	6/25/2019 09:36	JG	6/25/2019 20:22	VS	
Dieldrin	U ug/L		0.037	0.011	20	6/25/2019 09:36	JG	6/26/2019 14:12	VS	

ANALYTICAL RESULTS

Workorder: 1962941

Project ID: Baypoint

Lab ID: 1962941010	Date Received: 6/19/2019 08:00	Matrix: Aqueous Liquid
Sample ID: TMW-3 (filtered)	Date Collected: 6/18/2019 11:51	

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
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Analysis Desc: EPA 8081 by GC DOD (W)

Preparation Method: EPA 3510C

Analytical Method: EPA 8081 (GC)

Tetrachloro-m-xylene (S)	67 %		50-130		1	6/25/2019 10:00	JG	6/25/2019 20:37	VS	
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Semivolatiles by GC

Analysis Desc: EPA 8081 by GC DOD (W)

Preparation Method: EPA 3510C

Analytical Method: EPA 8081 (GC)

Decachlorobiphenyl (S)	66 %		50-130		1	6/25/2019 10:00	JG	6/25/2019 20:37	VS	
Dieldrin	U ug/L		0.0019	0.00055	1	6/25/2019 10:00	JG	6/25/2019 20:37	VS	

ANALYTICAL RESULTS

Workorder: 1962941

Project ID: Baypoint

Lab ID: 1962941011	Date Received: 6/19/2019 08:00	Matrix: Aqueous Liquid
Sample ID: TMW-1 (filtered)	Date Collected: 6/18/2019 12:28	

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
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Analysis Desc: EPA 8081 by GC DOD (W)

Preparation Method: EPA 3510C

Analytical Method: EPA 8081 (GC)

Tetrachloro-m-xylene (S)	62 %		50-130		1	6/25/2019 10:00	JG	6/25/2019 20:53	VS	
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Semivolatiles by GC

Analysis Desc: EPA 8081 by GC DOD (W)

Preparation Method: EPA 3510C

Analytical Method: EPA 8081 (GC)

Decachlorobiphenyl (S)	67 %		50-130		1	6/25/2019 10:00	JG	6/25/2019 20:53	VS	
Dieldrin	U ug/L		0.0019	0.00055	1	6/25/2019 10:00	JG	6/25/2019 20:53	VS	

ANALYTICAL RESULTS

Workorder: 1962941

Project ID: Baypoint

Lab ID: 1962941012	Date Received: 6/19/2019 08:00	Matrix: Aqueous Liquid
Sample ID: TMW-2 (filtered)	Date Collected: 6/18/2019 13:12	

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
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Analysis Desc: EPA 8081 by GC DOD (W)

Preparation Method: EPA 3510C

Analytical Method: EPA 8081 (GC)

Tetrachloro-m-xylene (S)	57 %		50-130		1	6/25/2019 10:00	JG	6/25/2019 21:09	VS	
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Semivolatiles by GC

Analysis Desc: EPA 8081 by GC DOD (W)

Preparation Method: EPA 3510C

Analytical Method: EPA 8081 (GC)

Decachlorobiphenyl (S)	85 %		50-130		1	6/25/2019 10:00	JG	6/25/2019 21:09	VS	
Dieldrin	U ug/L		0.0019	0.00055	1	6/25/2019 10:00	JG	6/25/2019 21:09	VS	

ANALYTICAL RESULTS

Workorder: 1962941

Project ID: Baypoint

Lab ID: 1962941013	Date Received: 6/19/2019 08:00	Matrix: Aqueous Liquid
Sample ID: TMW-5 (filtered)	Date Collected: 6/18/2019 14:18	

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
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Analysis Desc: EPA 8081 by GC DOD (W)

Preparation Method: EPA 3510C

Analytical Method: EPA 8081 (GC)

Tetrachloro-m-xylene (S)	61 %		50-130		1	6/25/2019 10:00	JG	6/25/2019 21:24	VS	
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Semivolatiles by GC

Analysis Desc: EPA 8081 by GC DOD (W)

Preparation Method: EPA 3510C

Analytical Method: EPA 8081 (GC)

Decachlorobiphenyl (S)	82 %		50-130		1	6/25/2019 10:00	JG	6/25/2019 21:24	VS	
Dieldrin	U ug/L		0.0019	0.00055	1	6/25/2019 10:00	JG	6/25/2019 21:24	VS	

ANALYTICAL RESULTS

Workorder: 1962941

Project ID: Baypoint

Lab ID: 1962941014	Date Received: 6/19/2019 08:00	Matrix: Aqueous Liquid
Sample ID: TMW-8 (filtered)	Date Collected: 6/18/2019 14:52	

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
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Analysis Desc: EPA 8081 by GC DOD (W)

Preparation Method: EPA 3510C

Analytical Method: EPA 8081 (GC)

Tetrachloro-m-xylene (S)	84 %		50-130		1	6/25/2019 10:00	JG	6/25/2019 21:40	VS	
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Semivolatiles by GC

Analysis Desc: EPA 8081 by GC DOD (W)

Preparation Method: EPA 3510C

Analytical Method: EPA 8081 (GC)

Decachlorobiphenyl (S)	77 %		50-130		1	6/25/2019 10:00	JG	6/25/2019 21:40	VS	
Dieldrin	U ug/L		0.037	0.011	20	6/25/2019 10:00	JG	6/26/2019 14:30	VS	

ANALYTICAL RESULTS

Workorder: 1962941

Project ID: Baypoint

Lab ID: 1962941015	Date Received: 6/19/2019 08:00	Matrix: Aqueous Liquid
Sample ID: TMW-6 (filtered)	Date Collected: 6/18/2019 15:27	

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
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Analysis Desc: EPA 8081 by GC DOD (W)

Preparation Method: EPA 3510C

Analytical Method: EPA 8081 (GC)

Tetrachloro-m-xylene (S)	60 %		50-130		1	6/25/2019 10:00	JG	6/25/2019 21:55	VS	
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Semivolatiles by GC

Analysis Desc: EPA 8081 by GC DOD (W)

Preparation Method: EPA 3510C

Analytical Method: EPA 8081 (GC)

Decachlorobiphenyl (S)	80 %		50-130		1	6/25/2019 10:00	JG	6/25/2019 21:55	VS	
Dieldrin	U ug/L		0.0019	0.00055	1	6/25/2019 10:00	JG	6/25/2019 21:55	VS	

ANALYTICAL RESULTS

Workorder: 1962941

Project ID: Baypoint

Lab ID: 1962941016	Date Received: 6/19/2019 08:00	Matrix: Aqueous Liquid
Sample ID: TMW-7 (filtered)	Date Collected: 6/18/2019 16:00	

Parameters	Results	Units	PQL	MDL	DF	Prepared	By	Analyzed	By	Qual
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Analysis Desc: EPA 8081 by GC DOD (W)

Preparation Method: EPA 3510C

Analytical Method: EPA 8081 (GC)

Tetrachloro-m-xylene (S)	43 %		50-130		1	6/25/2019 10:47	JG	6/25/2019 23:13	VS	J2
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Semivolatiles by GC

Analysis Desc: EPA 8081 by GC DOD (W)

Preparation Method: EPA 3510C

Analytical Method: EPA 8081 (GC)

Decachlorobiphenyl (S)	73 %		50-130		1	6/25/2019 10:47	JG	6/25/2019 23:13	VS	
Dieldrin	U ug/L		0.037	0.011	20	6/25/2019 10:47	JG	6/26/2019 15:17	VS	

ANALYTICAL RESULTS QUALIFIERS

Workorder: 1962941

Project ID: Baypoint

PARAMETER QUALIFIERS

J2 Surrogate recovery was outside defined limits due to matrix interference.

PROJECT COMMENTS

1962941 A reported value of U indicates that the compound was analyzed for but not detected above the MDL. A value flagged with an "i" flag indicates that the reported value is between the laboratory method detection limit and the practical quantitation limit.

QUALITY CONTROL DATA

Workorder: 1962941

Project ID: Baypoint

QC Batch:	XXX/12348	Analysis Method:	EPA 8081 (GC)			
QC Batch Method:	EPA 3510C					
Associated Lab Samples:	1962941001	1962941002	1962941003	1962941004	1962941005	1962941006
	1962941007	1962941008	1962941009	1962941010	1962941011	1962941012
	1962941013	1962941014	1962941015	1962941016		

METHOD BLANK: 169857

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Semivolatiles by GC				
Tetrachloro-m-xylene (S)	%	61	50-130	
Decachlorobiphenyl (S)	%	75	50-130	
Dieldrin	ug/L	U	0.00059	

LABORATORY CONTROL SAMPLE & LCSD: 169858 169859

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Semivolatiles by GC										
Tetrachloro-m-xylene (S)	%				69	76	50-130	11	30	
Decachlorobiphenyl (S)	%				77	77	50-130	0	30	
Dieldrin	ug/L	0.025	0.021	0.024	83	97	50-130	13	30	

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 1962941

Project ID: Baypoint

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
1962941001	TMW-4	EPA 3510C	XXX/12348	EPA 8081 (GC)	XGC/4146
1962941002	TMW-3	EPA 3510C	XXX/12348	EPA 8081 (GC)	XGC/4146
1962941003	TMW-1	EPA 3510C	XXX/12348	EPA 8081 (GC)	XGC/4146
1962941004	TMW-2	EPA 3510C	XXX/12348	EPA 8081 (GC)	XGC/4149
1962941005	TMW-5	EPA 3510C	XXX/12348	EPA 8081 (GC)	XGC/4149
1962941006	TMW-8	EPA 3510C	XXX/12348	EPA 8081 (GC)	XGC/4149
1962941007	TMW-6	EPA 3510C	XXX/12348	EPA 8081 (GC)	XGC/4149
1962941008	TMW-7	EPA 3510C	XXX/12348	EPA 8081 (GC)	XGC/4149
1962941009	TMW-4 (filtered)	EPA 3510C	XXX/12348	EPA 8081 (GC)	XGC/4149
1962941010	TMW-3 (filtered)	EPA 3510C	XXX/12348	EPA 8081 (GC)	XGC/4149
1962941011	TMW-1 (filtered)	EPA 3510C	XXX/12348	EPA 8081 (GC)	XGC/4149
1962941012	TMW-2 (filtered)	EPA 3510C	XXX/12348	EPA 8081 (GC)	XGC/4149
1962941013	TMW-5 (filtered)	EPA 3510C	XXX/12348	EPA 8081 (GC)	XGC/4149
1962941014	TMW-8 (filtered)	EPA 3510C	XXX/12348	EPA 8081 (GC)	XGC/4149
1962941015	TMW-6 (filtered)	EPA 3510C	XXX/12348	EPA 8081 (GC)	XGC/4149
1962941016	TMW-7 (filtered)	EPA 3510C	XXX/12348	EPA 8081 (GC)	XGC/4149
1962941008	TMW-7	EPA 3510C	XXX/12348	EPA 8081 (GC)	XGC/4151
1962941009	TMW-4 (filtered)	EPA 3510C	XXX/12348	EPA 8081 (GC)	XGC/4151
1962941014	TMW-8 (filtered)	EPA 3510C	XXX/12348	EPA 8081 (GC)	XGC/4151
1962941016	TMW-7 (filtered)	EPA 3510C	XXX/12348	EPA 8081 (GC)	XGC/4151

Company Name ECS Florida, LLC				LAB ANALYSIS												Requested Turnaround Time			
Address 4524 N 56th St, Tampa, FL				Pres Codes													Note: Rush requests subject to acceptance by the laboratory		
City Tampa State FL Zip 33610				Parameters	8081 Dielectric total	8081 Dielectric (FHA)											___ Standard		
Sampling Site Address 9399 Commodore Dr, Seminole																	___ Expedited		
Attn: Justinano Marquez Email Jmarquez@ecsllc.com																	Due ___/___/___		
Project Name Baypoint Project # 55-2310 A																			
Sampler Name/Signature J. Marquez																		Comments	
#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont														
1	TMW-4	06/18	1113	GW	021	X	X											field filtered	
2	tmw-3	"	1151			X	X												
3	TMW-1		1228			X	X												
4	TMW-2		1312			X	X											① Adjusted per email CF 6/19/19	
5	tmw-5		1418			X	X												
6	TMW-8		1452			X	X												
7	TMW-6		1527			X	X												
8	TMW-7		1606			X	X												
9																			
0																			
Matrix Codes*				Pres Codes		Relinquished by				Date		Time		Received by		Date		Time	
S Soil/Solid Sediment SW Surface Water GW Ground Water SL Sludge WW Waste Water O Other (Please Specify) DW Drinking Water				A- none I- Ice B- HNO ₃ O- Other C- H ₂ SO ₄ M- MeOH D- NaOH N- Na ₂ S ₂ O ₃ E- HCl Z- ZnAc		J. Marquez h/h				06/18		1747		[Signature]		18JUN19		1747	
QA/QC level with report None ___ 1 ___ 2 ___ 3 ___ See price guide for applicable fees				Temp Control:		FLX				18JUN19		1930		FLX [Signature]		18JUN19		1930	
FDEP Dry Cleaning ☐ FDEP UST Pre-Approval ☐ SFWM ☐ ADaPT ☐ DOT ☐				2.7 °C						6/19/19		0800		[Signature]		6/19/19		0800	

Company Name ELS						LAB ANALYSIS												Requested Turnaround Time			
Address						Pres Codes													Note: Rush requests subject to acceptance by the laboratory		
City State Zip																					
Sampling Site Address																					
Attn: Email																					
Project Name Baypoint Project #																					
Sampler Name/Signature						Parameters													Field Filtered (Y/N)	Due ___/___/___	
#	Sample Label (Client ID)	Collected Date	Collected Time	Matrix Code*	# of Cont															Comments	
1	TMW-4	6/18/19	1113	GW	1															✓	
2	TMW-3	↓	1151	↓	↓															✓	
3	TMW-1	↓	1228	↓	↓															✓	
4	TMW-2	↓	1312	↓	↓															✓	
5	TMW-5	↓	1418	↓	↓															✓	
6	TMW-8	↓	1452	↓	↓															✓	
7	TMW-6	↓	1527	↓	↓															✓	
8	TMW-7	↓	1600	↓	↓															✓	
9																					
0																					

Matrix Codes*				Pres Codes		Relinquished by		Date	Time	Received by		Date	Time
S Soil/Solid Sediment	SW Surface Water	A- none	I- Ice	Client Carrier		6/17/19	0800	Carrier 	6/19/19	0800			
GW Ground Water	SL Sludge	B- HNO ₃	O- Other										
WW Waste Water	O Other (Please Specify)	C- H ₂ SO ₄	M- MeOH										
DW Drinking Water		D- NaOH	N- Na ₂ S ₂ O ₃										
		E- HCl	Z- ZnAc										

QA/QC level with report		Temp Control: 2.7 °C
None ___ 1 ___ 2 ___ 3 ___ See price guide for applicable fees		
FDEP Dry Cleaning ☐ FDEP UST Pre-Approval ☐ SFWMD ☐ ADaPT ☐ DOT ☐		

Sample Receiving

From: Kacia Baldwin
Sent: Tuesday, June 18, 2019 6:16 PM
To: Sample Receiving
Cc: Rebecca Lourido; John Heyman
Subject: FW: Sample Kit Request
Attachments: Baypoint COC.pdf

Mike,

Make a copy of this COC to create a page 2. Login the totals as samples 1-8 and the filtered as samples 9-16. In both cases you are logging in as regular 8081 which is why the two tests cannot be on the same sample in LIMS.

Best Regards,

Kacia Baldwin | VP of Operations | www.jupiterlabs.com | 561-575-0030 (ext. 3003)
NELAP . DoD ELAP . ISO 17025 . WMBE

We Care about your opinion, please take our survey to provide important feedback at <https://www.surveymonkey.com/r/TDSL3XP>

Jupiter

Environmental Laboratories, Inc.

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From: John Heyman [mailto:jheyman@jupiterlabs.com]
Sent: Tuesday, June 18, 2019 6:15 PM
To: Alex Chatham, P.E. <AChatham@ecslimited.com>; Leanna Ramos <lramos@jupiterlabs.com>
Cc: Mitchell P Collins <MPCollins@ecslimited.com>; Scott Lakey <SLakey@ecslimited.com>; Client Services <clientservices@jupiterlabs.com>
Subject: RE: Sample Kit Request

Good afternoon. COC attached for samples picked up today.

The field sampler was unsure what TAT was needed. I will have the lab proceed with standard TAT unless you instruct otherwise.

Thanks!

John Heyman
Senior Project Manager
Jupiter Labs – Tampa
2608 South 86th St. Suite B
Tampa, FL 33619
561-262-8735
www.jupiterlabs.com

SAMPLE RECEIPT CONFIRMATION SHEET

Client Information

SDG:	1962941	Req:	3281
Client:	ECS	Project:	J. Marquez
Level:	1	Date Rec'd:	6/19/2019 8:00:00 AM
Rec'd via:	courier		

Cooler Check

ID	Temp	# of samples	Security Tape		Method of Receipt	Comments
			Present	Intact		
	2.7	16	☐	☐		

Checked By: CF

Sample Verification

Loose Caps?	No	All Samples on COC accounted For?	Yes
Broken Containers?	No	All Samples on COC?	Yes
pH Verified?	No	Written on Internal COC?	No
pH Strip Lot #		Sample Vol. Suff. For Analysis?	Yes
Acid Preserved Samples Lot #		Samples Rec'd W/I Hold Time?	Yes
Base Preserved Samples Lot #		Are All Samples to be Analyzed?	Yes
Samples Received From	courier	Correct Sample Containers?	Yes
Soil Origin (Domestic/Foreign		COC Comments written on COC?	Yes
Site Location/Project on COC?	Yes	Samplers Initials on COC?	Yes
Client Project # on COC?	Yes	Sample Date/Time Indicated?	Yes
Project Mgr. Indicated on COC	Yes	TAT Requested:	STD
COC relinquished/Dated by Client?	Yes	Client Requests Verbal Results?	No
COC Received/Dated by JEL	Yes		
JEL to Conduct ALL Analyses?	Yes		

Subcontract Analysis

Parameter	Via	Lab Name	Comments
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Appendix IV

Groundwater Laboratory Analytical Data and Chain of Custody