

EXHIBIT 3



August 27, 2014

Ms. Carol G. Brown, P.E.
Project Manager
St. Johns River Water Management District
4049 Reid Street; P.O. Box 1429
Palatka, Florida 32178-1429

**RE: FINAL Limited Phase II Environmental Site Assessment
900 Acres of Little Cameron Ranch
East of Cameron Avenue
Sanford, Seminole County, Florida
Contract Number: 26975
Work Order Number: 9**

Dear Ms. Brown:

Aerostar SES LLC (Aerostar) is pleased to present the results of the Limited Phase II Environmental Site Assessment (ESA) conducted at the referenced site. Field sampling activities for the Limited Phase II ESA were performed on August 6 and 7, 2014, to preliminarily evaluate soil, sediment, groundwater, and surface water quality at the site. A brief background of the site, a description of the scope of services performed as part of the Limited Phase II ESA, and the results of the investigation are provided herein. A topographic site location map and a site plan are provided as Figures 1 and 2, respectively.

1.0 BACKGROUND

A Limited ESA was completed at the site by Aerostar in July 2014. The site consisted of 30 contiguous parcels of undeveloped land totaling approximately 861 acres. The site is located to the east of East Lake Mary Boulevard and Cameron Avenue in Sanford, Seminole County, Florida. Access to the site is available via East Lake Mary Boulevard and Cameron Avenue to the west. Based on the information obtained in preparing the Limited ESA, the following potential environmental concerns were noted at the site:

- Potential on-site concerns were noted from the possible presence of a cattle dipping vat (CDV) at the site. According to a May 2007 Database Review letter, the former owner of one of the northwestern adjoining properties stated he knew of the presence of a cattle dipping vat on the site and described the general location as being 800-900 feet south of his former property line. According to a review of the Florida Department of Environmental Protection (FDEP) CDV registry list, a cattle dipping vat identified as "Cameron" was registered in Seminole County in 1916 and 1931. According to Ms. Zoe Kulakowski, FDEP Bureau of Waste Cleanup, the location of the Cameron vat has not been determined.
- Potential off-site concerns were noted from the apparent citrus development of multiple western adjoining properties since at least 1966.

Based on the results of the Limited ESA, Aerostar recommended further assessment to evaluate the on-site and off-site concerns noted. The following sections of this report summarize the investigation and discuss the findings.

2.0 SCOPE OF SERVICES

Planned activities at the site included advancing five soil borings and installing five temporary monitor wells in the location of the suspected CDV; installing three temporary monitor wells on the northwestern portion of the site to assess concerns for off-site agricultural activities; collecting two surface water and two sediment samples from Chubb Creek; and collecting ten surface soils from background locations across the site. Due to flooded conditions at the site preventing access to portions of the site and preventing the installation temporary monitor wells, the scope of work was modified as follows with approval from the Client.

Aerostar conducted the following scope of work to evaluate the environmental concerns noted in the Limited ESA: advanced five soil borings in the vicinity of the CDV and collected five soil samples from the borings; collected background soil samples at four locations; collected one sediment sample and one surface water sample from Chubb Creek; installed one temporary monitor well and collected one groundwater sample; analyzed all samples for contaminants of potential concern; and prepared this letter report summarizing the results of the investigations.

3.0 METHODS OF INVESTIGATION

On August 6 and 7, 2014, Aerostar conducted Limited Phase II ESA field activities at the site. A description and summary of activities conducted at the site are presented below.

3.1 Soil Sample Collection and Laboratory Analysis

On August 6, 2014, a total of five soil borings (SB-1 through SB-5) were advanced on the northwest portion of the site to evaluate potential concerns in the general vicinity of the suspected former CDV. Soil boring locations are depicted in Figure 3.

The soil borings were advanced using a 3.5-inch diameter, stainless steel hand auger to depths of six inches to 1.5 feet below land surface (BLS). Soils in the vicinity of the borings were wet at land surface. The depth of saturated soils varied from 0.5 to 1.5 feet BLS. Due to the flooded conditions in this area of the site, no temporary monitor wells were installed in the vicinity of the suspected former CDV.

Soil samples for laboratory analysis were collected from SB-1 and SB-2 at 0-to-0.5 feet BLS (SB-1 [0-0.5] and SB-2 [0-0.5], respectively), from SB-3 at 1.5 feet BLS (SB-3-1.5), and from SB-4 and SB-5 at 1 foot BLS (SB-4-1 and SB-5-1, respectively). The soil samples were submitted to the laboratory for analyses of the parameters listed in EPA Method 8081 for Organochlorine Pesticides and by EPA Method 6010 for Arsenic.

On August 6 and 7, 2014, a total of four background soil samples were collected from the west central portion of the site. Due to flooded conditions at the site, access to the six remaining background soil sample locations was not available as planned. Soil samples CR-01, CR-08, CR-09, and CR-10 were collected at an approximate depth of 0-to-0.5 feet BLS at locations depicted in Figure 2. The soil samples were submitted to the laboratory for analyses of the parameters listed in EPA Method 8081 for Organochlorine Pesticides and by EPA Method 6010 for Arsenic.

The soil samples were collected in laboratory-supplied containers, placed on ice in a shipping cooler, and delivered to Pace Analytical Services, Inc., in Ormond Beach, Florida, for analysis. The soil samples were collected in accordance with the requirements established in the FDEP Standard Operating Procedures (SOP) FS3000 for Soils. Soil laboratory results are discussed in Section 4.1 and summarized in Table 1.

3.2 Temporary Monitor Well Installation

On August 6, 2014, one shallow temporary monitor well (TW-1) was installed on the western portion of the site to evaluate the potential for impacts associated with historical agricultural activities of the western adjoining properties. Due to flooded conditions at the site, installation of the remaining planned monitor wells to address the off-site agricultural concerns and the suspected on-site cattle dipping vat was not completed. The temporary monitor well consisted of a 1-inch diameter, 5-foot section of 0.01-inch slot Schedule 40 PVC well screen threaded to a 5-foot section of solid riser. The temporary monitor well was completed by filling the annular space between the borehole and the well screen with 20/30 silica sand from the bottom of the well to land surface.

Shallow temporary monitor well TW-1 was installed to a completion depth of approximately 8 feet BLS. The temporary monitor well was developed after completion to ensure hydraulic communication with the aquifer. Dedicated polyethylene tubing was placed into the well screen in order to develop the temporary monitor well and obtain the groundwater sample. Temporary monitor well development was accomplished using an adjustable flow peristaltic pump. Upon completion of the field activities, the well screen was removed, the borehole was backfilled to land surface, and the surface was restored to existing conditions.

The location of the temporary monitor well is depicted on Figure 2.

3.3 Groundwater Sample Collection and Laboratory Analyses

On August 7, 2014, Aerostar collected a groundwater sample (TW-1) from the temporary monitor well using a peristaltic pump with disposable polyethylene tubing. The groundwater sample collected from the temporary monitor well TW-1 was submitted for laboratory analysis of the parameters listed in EPA Method 8081 for Organochlorine Pesticides, EPA Method 8141 for Organophosphorous Pesticides, EPA Method 8151 for Chlorinated Herbicides, and by EPA Method 6010 for arsenic and copper.

Groundwater samples were collected in laboratory-supplied containers, placed on ice in a shipping cooler, and delivered to Pace Analytical Services, Inc., in Ormond Beach, Florida, for analysis. The groundwater sample was collected in accordance with Aerostar's Quality Manual. Groundwater laboratory results are discussed in Section 4.2 and summarized in Table 2.

3.4 Surface Water and Sediment Sample Collection and Laboratory Analyses

On August 6, 2014, Aerostar collected one surface water sample (SW-1) and one sediment sample (SED-1) from Chubb Creek along the northern property boundary to evaluate potential impacts from the suspected CDV in the location shown on Figure 2. The surface water and sediment samples were submitted for laboratory analysis of the parameters listed in Method 8081 for Organochlorine Pesticides and by EPA Method 6010 for arsenic.

Due to flooded conditions at the site, access to the planned location and the additional sample location was not available as planned.

Surface water and sediment samples were collected in laboratory-supplied containers, placed on ice in a shipping cooler, and delivered to Pace Analytical Services, Inc., in Ormond Beach, Florida, for analysis. The samples were collected in accordance with the requirements established in the FDEP SOPs FS 2100 for Surface Water Sampling and FS 4000 Sediment Sampling. Surface water and sediment laboratory results are discussed in Section 4.3 and summarized in Tables 3 and 4, respectively.

4.0 RESULTS OF INVESTIGATION

4.1 Soil Laboratory Analyses

The laboratory analytical results for the soil sample collected from SB-3-1.5 reported an arsenic concentration (2.7 milligrams per kilogram [mg/kg]) above its residential direct exposure soil cleanup target level (SCTL) of 2.1 mg/kg but below is commercial direct exposure SCTL of 12 mg/kg as established in Chapter 62-777, Florida Administrative Code (FAC).

The soil laboratory analytical results reported all tested analytes for the remaining samples below either the laboratory Method Detection Limits (MDLs) or their respective SCTLs. The soil analytical results are summarized in Table 1. The laboratory analytical report and the associated chain of custody are included in Appendix A.

4.2 Groundwater Laboratory Analyses

The groundwater laboratory analytical results reported all tested analytes below the laboratory MDLs. The groundwater analytical results are summarized in Table 1. The laboratory analytical report and the associated chain of custody are included in Appendix A.

4.3 Surface Water and Sediment Laboratory Analyses

The surface water laboratory analytical results reported a concentration of arsenic above the laboratory MDL, but below the FDEP Freshwater Surface Water Cleanup Target Level (FSWCTL) for Class III Predominantly Fresh Water Systems. All remaining tested analytes were reported below their respective laboratory MDLs. The surface water analytical results are summarized in Table 3. The laboratory analytical report and the associated chain of custody are included in Appendix A.

The sediment laboratory analytical results reported concentrations of arsenic and 4,4'-DDD above their respective laboratory MDLs, but below their respective Sediment Quality Assessment Guidelines (SQAG) Threshold Effect Limit (TEL) and Probable Effect Limit (PEL). All remaining tested analytes were reported below their respective laboratory MDLs. The sediment analytical results are summarized in Table 4. The laboratory analytical report and the associated chain of custody are included in Appendix A.

5.0 LIMITATIONS

Aerostar has prepared this assessment for the St. Johns River Water Management District (SJRWMD), hereafter referred to as the Client. No Limited Phase II ESA can eliminate all uncertainty. Furthermore, any sample, either surface or subsurface, collected for chemical analysis may or may not be representative of a larger population. Chemical testing methods have inherent uncertainties and limitations. Professional judgment and interpretation are inherent in the process, and uncertainty is inevitable.

Additional assessment may be able to reduce the uncertainty. Even when soil and groundwater sampling is executed with an appropriate site-specific standard of care, certain conditions present especially difficult detection problems. Such conditions may include, but are not limited to, complex geological settings, the fate and transport characteristics of certain hazardous substances and petroleum products, the distribution of existing contamination, physical limitations imposed by the location of utilities and other man-made objects, and the limitations of assessment technologies.

Measurements and sampling data only represent the site conditions at the time of the data collection. While Aerostar has used reasonable care to avoid reliance upon data and information that is inaccurate, Aerostar is not able to verify the accuracy or completeness of all data and information available during the investigation. Some of the conclusions in this report would be different if the information upon which they are based is determined to be false, inaccurate or incomplete.

Aerostar makes no legal representations whatsoever concerning any matter including, but not limited to, ownership of any property or the interpretation of any law. Aerostar further disclaims any obligations to update the report for events taking place after the time during which the assessment was conducted.

This report is not a comprehensive site characterization and should not be construed as such. The opinions presented in this report are based upon the findings derived from limited soil, groundwater, surface water, and sediment sampling.

The scope of work performed herein was limited to soil, groundwater, surface water, and sediment sample collection and laboratory analysis of a small number of samples. Due to weather, site conditions, and schedule constraints, the full scope of work authorized by the District was not completed. Aerostar has endeavored to meet what it believes is the applicable standard of care, and, in doing so, is obliged to advise the Client of the limitations. Aerostar believes that providing information about limitations is essential to help the Clients identify and thereby manage their risks. Through additional testing, these risks can be mitigated - but they cannot be eliminated. Aerostar will, upon request, advise the Client of the additional research opportunities available, their impact, and their cost.

As noted above, the Limited Phase II ESA conducted at the referenced site, and this report, were prepared for the use solely by the Client. This report shall not be relied upon by or transferred to any other party without the express written authorization of Aerostar.

6.0 CONCLUSIONS

The laboratory analytical results for the soil sample collected from SB-3-1.5 reported an arsenic concentration (2.7 mg/kg) above its residential direct exposure SCTL of 2.1 mg/kg but below is commercial direct exposure SCTL of 12 mg/kg as established in Chapter 62-777, FAC.

The groundwater laboratory analytical results reported all tested analytes below the laboratory MDLs.

The surface water laboratory analytical results reported all tested analytes below their respective FSWCTLs or laboratory MDLs.

The sediment laboratory analytical results reported all tested analytes below their respective SQAG TELs and PELs or the laboratory MDLs.

Ms. Carol Brown
August 27, 2014
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Due to the site conditions, weather, and schedule constraints, Aerostar was not able to access or collect samples from several of the locations authorized by the District during the contract period.

The District should consider additional soil, groundwater, surface water, and sediment assessment in the vicinity of the suspected CDV and groundwater downgradient of the former off-site agricultural land use areas to develop a higher level of confidence that the areas have not been negatively impacted.

Aerostar appreciates the opportunity to provide you with our services. If you have any questions, please do not hesitate to contact the undersigned at (904) 565-2820.

Sincerely,

Aerostar SES LLC



Sarah Riffe
Project Manager



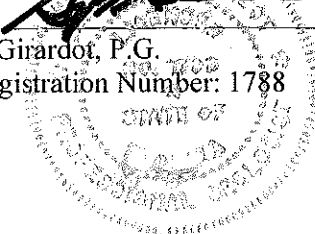
Gerald B. Girardot, P.G.
Senior Project Manager

**PROFESSIONAL REVIEW
PROFESSIONAL GEOLOGIST LICENSED IN THE STATE OF FLORIDA**

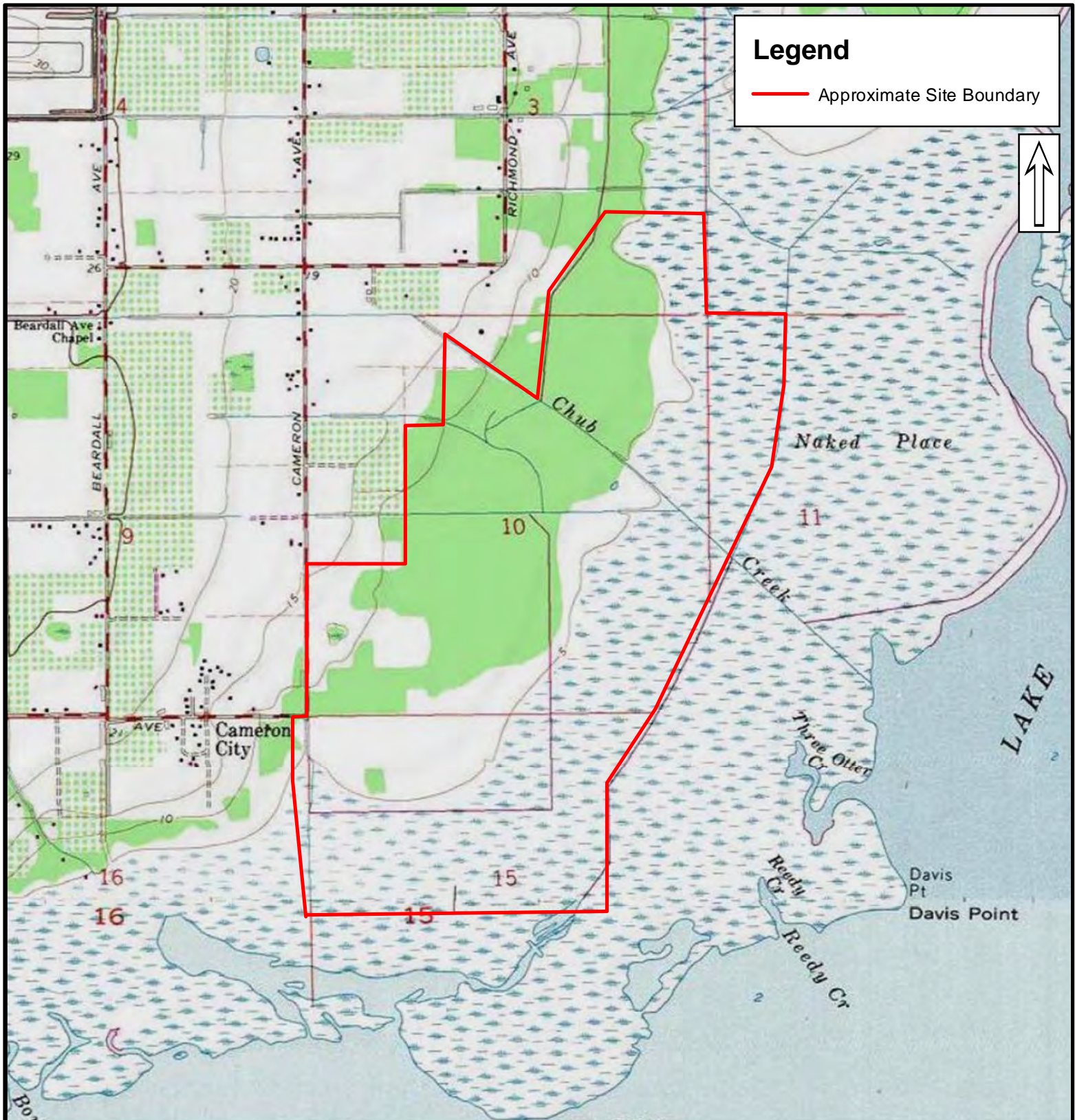
This is to certify the geological and hydrogeological aspects of the **Limited Phase II Environmental Site Assessment, 900 Acres of Little Cameron Ranch, East of Cameron Avenue, Sanford, Seminole County, Florida** have been examined by the undersigned and comply with the standard professional practices, other rules of the Department and any other applicable laws and rules governing the profession.

Signature: 
Gerald B. Girardot, P.G.
Florida Registration Number: 1788

27 AUG 2014



FIGURES



QUADRANGLE:
OSTEEN, FLORIDA (1981)

7.5 MINUTE SERIES
(TOPOGRAPHIC)

CONTOUR INTERVAL 5 FEET

NATIONAL GEODETIC VERTICAL DATUM OF 1929

1 inch = 2,000 feet

QUADRANGLE LOCATION



FIGURE 1. TOPOGRAPHIC SITE LOCATION MAP



900 ACRES OF LITTLE CAMERON RANCH
EAST OF CAMERON AVENUE
SANFORD, SEMINOLE COUNTY, FLORIDA

REFERENCE: MAP OF
OSTEEN, FLORIDA
PREPARED BY: U. S. GEOLOGICAL
SURVEY

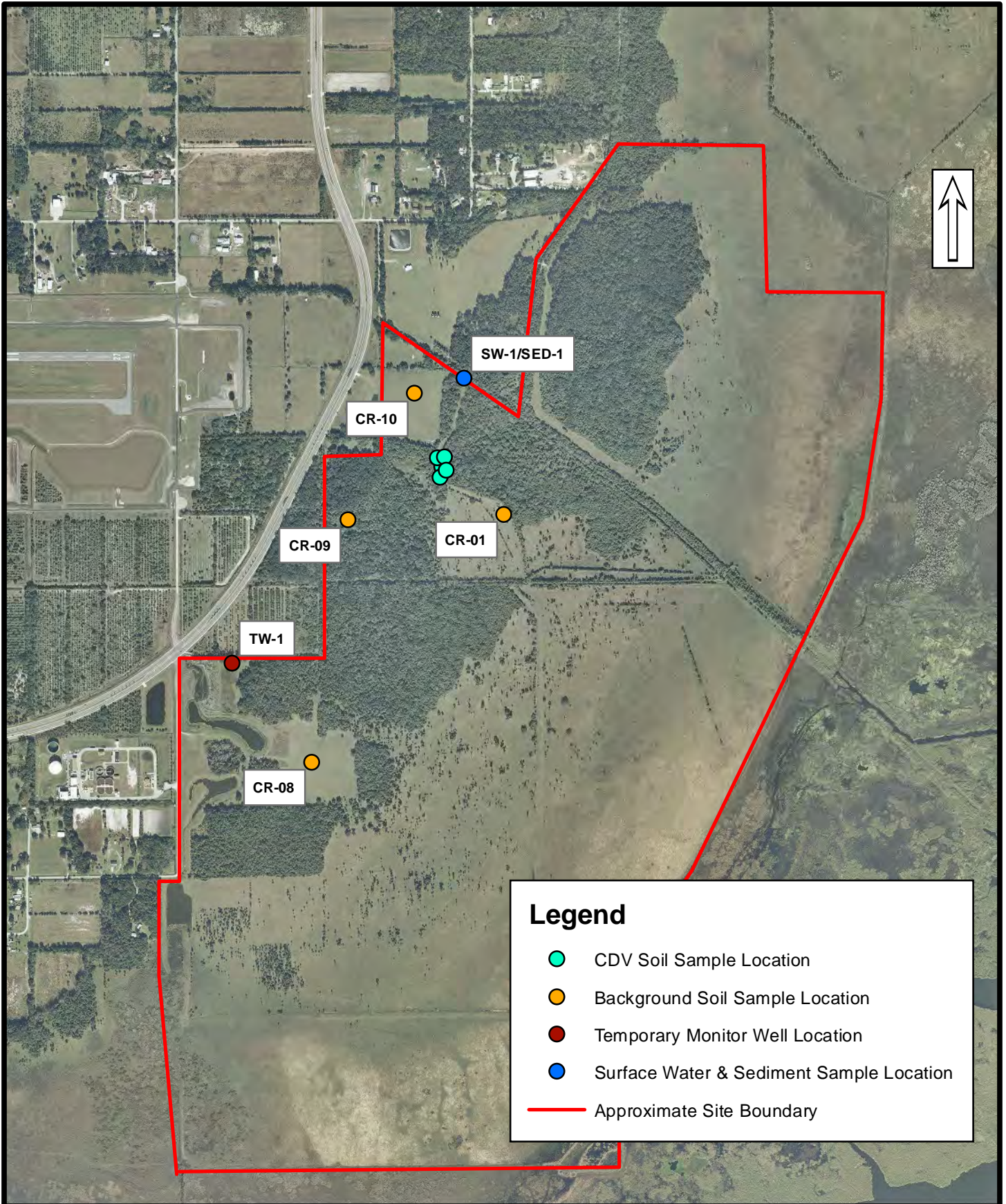
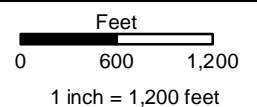


FIGURE 2. SITE PLAN



900 ACRES OF LITTLE CAMERON RANCH
 EAST OF CAMERON AVENUE
 SANFORD, SEMINOLE COUNTY, FLORIDA



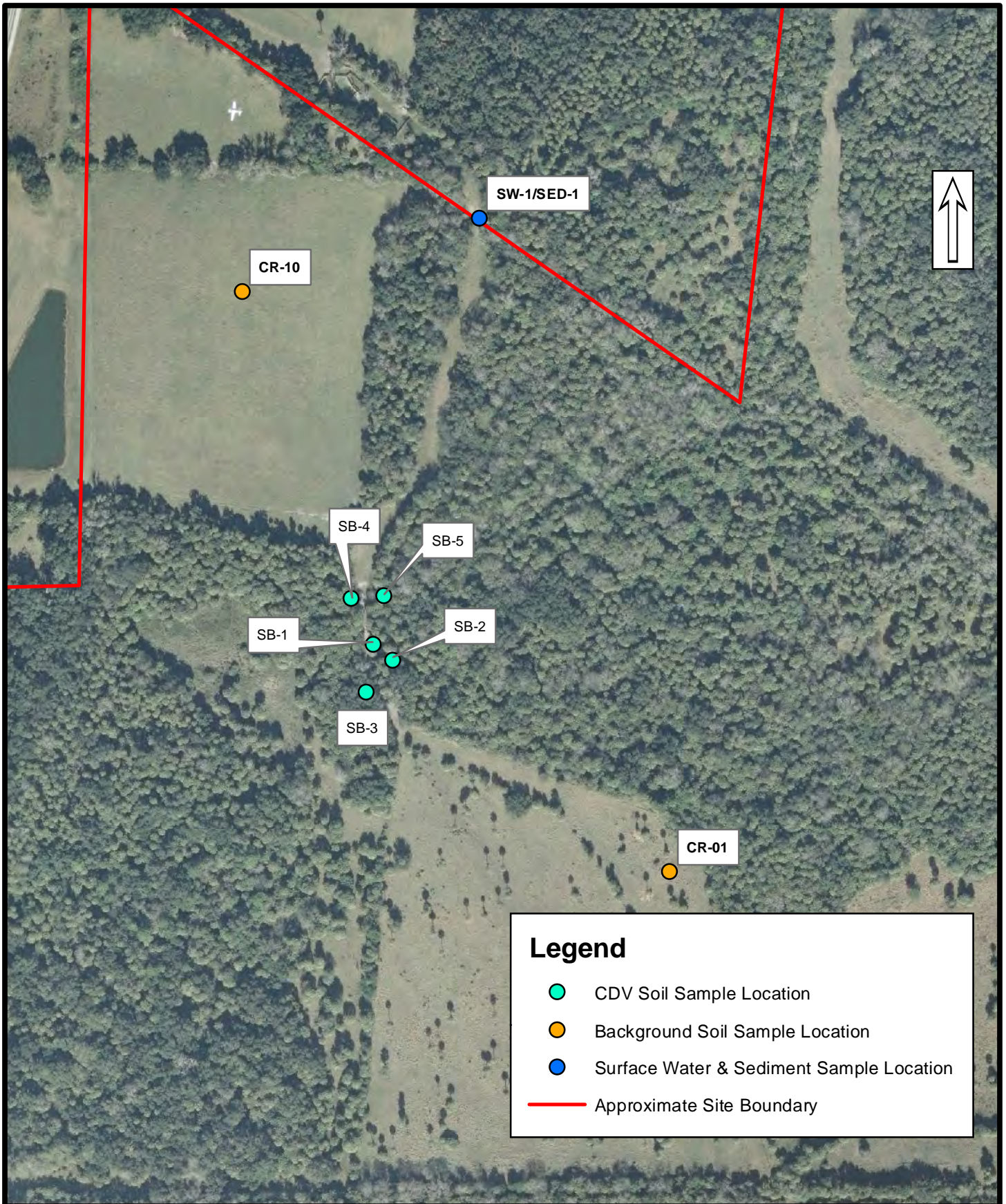
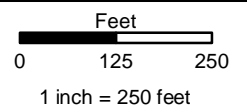


FIGURE 3. CATTLE DIPPING VAT SOIL SAMPLE LOCATIONS



900 ACRES OF LITTLE CAMERON RANCH
 EAST OF CAMERON AVENUE
 SANFORD, SEMINOLE COUNTY, FLORIDA



TABLES

TABLE 1: SOIL LABORATORY ANALYTICAL SUMMARY

Facility Name: 900 Acres of Little Cameron Ranch

Facility Address: East of Cameron Avenue, Sanford, Seminole County, Florida

fbls = feet below land surface

U = Indicates the compound was analyzed for but not detected; FAC = Florida Administrative Code

ppm = parts per million

mg/kg = milligrams per kilogram

Bold indicates exceeds SCTL

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

Boring No.	Date Collected	Depth to Water (feet)	Sample Interval (fbls)	Arsenic (mg/kg)	Aldrin (mg/kg)	alpha-BHC (mg/kg)	beta-BHC (mg/kg)	delta-BHC (mg/kg)	Lindane (mg/kg)	Chlordane (mg/kg)
Residential Direct Exposure Limits 62-777 FAC				2.1	0.06	0.1	0.5	24	0.7	2.8
Commercial Direct Exposure Limits 62-777-FAC				12	0.3	0.6	2.4	490	2.5	14
Leachability Groundwater Limits 62-777-FAC				-	0.2	0.0003	0.001	0.2	0.009	9.6
SB-1 (0-0.5)	8/6/2014	0.5	0-0.5	0.87	0.00040 U	0.00048 U	0.00054 U	0.00061 U	0.0010 U	0.11 U
SB-2 (0-0.5)	8/6/2014	0.5	0-0.5	1.3	0.00045 U	0.00054 U	0.00060 U	0.00068 U	0.0011 U	0.12 U
SB-3-1.5	8/6/2014	2	1.5	2.7	0.00022 U	0.00026 U	0.00029 U	0.00033 U	0.00056 U	0.060 U
SB-4-1	8/6/2014	1.5	1	1.8	0.00015 U	0.00018 U	0.00020 U	0.00022 U	0.00038 U	0.040 U
SB-5-1	8/6/2014	1.5	1	0.53 I	0.00020 U	0.00024 U	0.00027 U	0.00031 U	0.00052 U	0.056 U
CR-01	8/7/2014	-	0-0.5	1.8	0.00059 U	0.00070 U	0.00078 U	0.00088 U	0.0015 U	0.16 U
CR-08	8/6/2014	-	0-0.5	0.66	0.00042 U	0.00051 U	0.00056 U	0.00064 U	0.0011 U	0.12 U
CR-09	8/7/2014	-	0-0.5	0.72	0.00047 U	0.00056 U	0.00062 U	0.00070 U	0.0012 U	0.13 U
CR-10	8/6/2014	-	0-0.5	0.31 U	0.000073 U	0.000087 U	0.000097 U	0.00011 U	0.00019 U	0.020 U

Boring No.	Date Collected	Depth to Water (feet)	Sample Interval (fbls)	4,4'-DDD (mg/kg)	4,4'-DDE (mg/kg)	4,4'-DDT (mg/kg)	Dieldrin (mg/kg)	Endosulfan Sulfate (mg/kg)	Endrin Aldehyde (mg/kg)	Toxaphene (mg/kg)
Residential Direct Exposure Limits 62-777 FAC				4.2	2.9	2.9	0.06	450	-	0.9
Commercial Direct Exposure Limits 62-777-FAC				22	15	15	0.3	7,600	-	4.5
Leachability Groundwater Limits 62-777-FAC				5.8	18	11	0.002	3.8	-	31
SB-1 (0-0.5)	8/6/2014	0.5	0-0.5	0.00091 U	0.00043 U	0.00067 U	0.00028 U	0.00030 U	0.00046 U	0.051 U
SB-2 (0-0.5)	8/6/2014	0.5	0-0.5	0.0010 U	0.00047 U	0.00074 U	0.00031 U	0.00033 U	0.00051 U	0.057 U
SB-3-1.5	8/6/2014	2	1.5	0.00050 U	0.00023 U	0.00036 U	0.00015 U	0.00016 U	0.00025 U	0.028 U
SB-4-1	8/6/2014	1.5	1	0.00033 U	0.00015 U	0.00024 U	0.00010 U	0.00023 I	0.00017 U	0.019 U
SB-5-1	8/6/2014	1.5	1	0.00046 U	0.00022 U	0.00034 U	0.00014 U	0.00058 I	0.00023 U	0.026 U
CR-01	8/7/2014	-	0-0.5	0.0013 U	0.00062 U	0.00097 U	0.00041 U	0.00044 U	0.00067 U	0.074 U
CR-08	8/6/2014	-	0-0.5	0.00096 U	0.00045 U	0.00070 U	0.00029 U	0.00031 U	0.00073 I	0.054 U
CR-09	8/7/2014	-	0-0.5	0.0011 U	0.0027 I	0.0015 I	0.00032 U	0.00035 U	0.00053 U	0.059 U
CR-10	8/6/2014	-	0-0.5	0.00017 U	0.00017 I	0.00012 U	0.000050 U	0.000054 U	0.000083 U	0.076

TABLE 2: GROUNDWATER LABORATORY ANALYTICAL SUMMARY

Facility Name: 900 Acres of Little Cameron Ranch

Facility Address: East of Cameron Avenue, Sanford, Seminole County, Florida

All results in micrograms per liter (ug/L)
 FAC = Florida Administrative Code

GCTL = Groundwater Cleanup Target Levels
 U = Indicates the compound was analyzed for but not detected

Sample		Arsenic (ug/L)	Copper (ug/L)	Aldrin (ug/L)	alpha-BHC (ug/L)	beta-BHC (ug/L)	delta-BHC (ug/L)
Location	Date						
GCTL 62-777 FAC		10	1,000	0.002	0.006	0.02	2.1
TW-1	8/7/2014	5.0 U	2.5 U	0.0065 U	0.0023 U	0.0086 U	0.0052 U

Sample		Lindane (ug/L)	Chlordane (ug/L)	4,4'-DDD (ug/L)	4,4'-DDE (ug/L)	4,4'-DDT (ug/L)	Dieldrin (ug/L)
Location	Date						
GCTL 62-777 FAC		0.2	2	0.1	0.1	0.1	0.002
TW-1	8/7/2014	0.0024 U	0.094 U	0.0096 U	0.0054 U	0.0054 U	0.0044 U

Sample		Endosulfan Sulfate (ug/L)	Atrazine (ug/L)	Diazinon (ug/L)	Malathion (ug/L)	Dinoseb (ug/L)	Pentachlorophenol (ug/L)
Location	Date						
GCTL 62-777 FAC		42	3	6.3	140	7	1
TW-1	8/7/2014	0.0067 U	0.71 U	0.27 U	0.29 U	0.059 U	0.018 U

TABLE 3: SURFACE WATER LABORATORY ANALYTICAL SUMMARY

Facility Name: 900 Acres of Little Cameron Ranch

Facility Address: East of Cameron Avenue, Sanford, Seminole County, Florida

All results in micrograms per liter (ug/L)

FAC = Florida Administrative Code

* = Indicates FSWCTL is reported as the maximum average annual amount

FSWCTL = Freshwater Surface Water Cleanup Target Levels

U = Indicates the compound was analyzed for but not detected

Sample		Arsenic (ug/L)	Aldrin (ug/L)	alpha-BHC (ug/L)	beta-BHC (ug/L)	delta-BHC (ug/L)	Lindane (ug/L)
Location	Date						
FSWCTL 62-777 FAC		50	0.00014*	0.005	0.046*	-	0.063*
SW-1	8/6/2014	6.4 I	0.0065 U	0.0023 U	0.0086 U	0.0052 U	0.0024 U

Sample		Chlordane (ug/L)	4,4'-DDD (ug/L)	4,4'-DDE (ug/L)	4,4'-DDT (ug/L)	Dieldrin (ug/L)	Endosulfan Sulfate (ug/L)
Location	Date						
FSWCTL 62-777 FAC		0.00059*	-	-	0.00059*	0.00014*	0.056
SW-1	8/6/2014	0.094 U	0.0096 U	0.0054 U	0.0054 U	0.0044 U	0.0067 U

TABLE 4: SEDIMENT LABORATORY ANALYTICAL SUMMARY

Facility Name: 900 Acres of Little Cameron Ranch
Facility Address: East of Cameron Avenue, Sanford, Seminole County, Florida

SQAG = Sediment Quality Assessment Guidelines

FAC = Florida Administrative Code

TEL = Threshold Effect Level mg/kg = milligrams per kilogram

Bold indicates exceeds TEL or PEL

PEL = Probable Effect Level U = Indicates the compound was analyzed for but not detected

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

Sample Name	Date Collected	Arsenic (mg/kg)	Aldrin (mg/kg)	alpha-BHC (mg/kg)	beta-BHC (mg/kg)	delta-BHC (mg/kg)	Lindane (mg/kg)	Chlordane (mg/kg)
SQAG TEL		7.24	-	-	-	-	-	0.00226
SQAG PEL		41.6	-	-	-	-	-	0.00479
SED-1	8/6/2014	1.1	0.00022 U	0.00026 U	0.00029 U	0.00033 U	0.00055 U	0.059 U

Sample Name	Date Collected	4,4'-DDD (mg/kg)	4,4'-DDE (mg/kg)	4,4'-DDT (mg/kg)	Dieldrin (mg/kg)	Endosulfan Sulfate (mg/kg)	Endrin Aldehyde (mg/kg)	Toxaphene (mg/kg)
SQAG TEL		0.00122	0.00207	0.00119	0.000715	-	-	-
SQAG PEL		0.00781	0.374	0.00477	0.0043	-	-	-
SED-1	8/6/2014	0.00051 I	0.00023 U	0.00036 U	0.00015 U	0.00016 U	0.00025 U	0.028 U

APPENDIX A
LABORATORY ANALYTICAL RESULTS

August 18, 2014

Tommy Carr
IntraLabs, Inc.
1909 Southhampton Road
Jacksonville, FL 32207

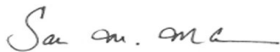
RE: Project: Little Cameron Ranch
Pace Project No.: 35149454

Dear Tommy Carr:

Enclosed are the analytical results for sample(s) received by the laboratory on August 08, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



Sakina Mckenzie
sakina.mckenzie@pacelabs.com
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

CERTIFICATIONS

Project: Little Cameron Ranch
Pace Project No.: 35149454

Ormond Beach Certification IDs

8 East Tower Circle, Ormond Beach, FL 32174
Alabama Certification #: 41320
Arizona Certification #: AZ0735
Colorado Certification: FL NELAC Reciprocity
Connecticut Certification #: PH-0216
Delaware Certification: FL NELAC Reciprocity
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maryland Certification: #346
Massachusetts Certification #: M-FL1264
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236
Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14
Nevada Certification: FL NELAC Reciprocity
New Hampshire Certification #: 2958
New Jersey Certification #: FL765
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
South Carolina Certification: #96042001
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
US Virgin Islands Certification: FL NELAC Reciprocity
Virginia Environmental Certification #: 460165
Washington Certification #: C955
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Little Cameron Ranch
Pace Project No.: 35149454

Lab ID	Sample ID	Matrix	Date Collected	Date Received
35149454001	SB-1 (0-0.5)	Solid	08/06/14 10:50	08/08/14 04:00
35149454002	SB-2 (0-0.5)	Solid	08/06/14 11:00	08/08/14 04:00
35149454003	SB-3-1.5	Solid	08/06/14 11:15	08/08/14 04:00
35149454004	SB-4-1	Solid	08/06/14 11:20	08/08/14 04:00
35149454005	SB-5-1	Solid	08/06/14 11:28	08/08/14 04:00
35149454006	SED-1	Solid	08/06/14 12:00	08/08/14 04:00
35149454007	SW-1	Water	08/06/14 12:01	08/08/14 04:00
35149454008	CR-01	Solid	08/07/14 11:03	08/08/14 04:00
35149454009	CR-08	Solid	08/06/14 13:15	08/08/14 04:00
35149454010	CR-09	Solid	08/07/14 10:39	08/08/14 04:00
35149454011	CR-10	Solid	08/06/14 12:30	08/08/14 04:00
35149454012	TW-1	Water	08/07/14 09:41	08/08/14 04:00

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Little Cameron Ranch

Pace Project No.: 35149454

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
35149454001	SB-1 (0-0.5)	EPA 8081	JLG	22	PASI-O
		EPA 6010	CRT	1	PASI-O
		ASTM D2974-87	GPW	1	PASI-O
35149454002	SB-2 (0-0.5)	EPA 8081	JLG	22	PASI-O
		EPA 6010	CRT	1	PASI-O
		ASTM D2974-87	GPW	1	PASI-O
35149454003	SB-3-1.5	EPA 8081	JLG	22	PASI-O
		EPA 6010	CRT	1	PASI-O
		ASTM D2974-87	GPW	1	PASI-O
35149454004	SB-4-1	EPA 8081	JLG	22	PASI-O
		EPA 6010	CRT	1	PASI-O
		ASTM D2974-87	GPW	1	PASI-O
35149454005	SB-5-1	EPA 8081	JLG	22	PASI-O
		EPA 6010	CRT	1	PASI-O
		ASTM D2974-87	GPW	1	PASI-O
35149454006	SED-1	EPA 8081	JLG	22	PASI-O
		EPA 6010	CRT	1	PASI-O
		ASTM D2974-87	GPW	1	PASI-O
35149454007	SW-1	EPA 8081	JTJ	22	PASI-O
		EPA 6010	TAP	1	PASI-O
		ASTM D2974-87	GPW	1	PASI-O
35149454008	CR-01	EPA 8081	JLG	22	PASI-O
		EPA 6010	CRT	1	PASI-O
		ASTM D2974-87	GPW	1	PASI-O
35149454009	CR-08	EPA 8081	JLG	22	PASI-O
		EPA 6010	CRT	1	PASI-O
		ASTM D2974-87	GPW	1	PASI-O
35149454010	CR-09	EPA 8081	JLG	22	PASI-O
		EPA 6010	CRT	1	PASI-O
		ASTM D2974-87	GPW	1	PASI-O
35149454011	CR-10	EPA 8081	JLG	22	PASI-O
		EPA 6010	CRT	1	PASI-O
		ASTM D2974-87	GPW	1	PASI-O
35149454012	TW-1	EPA 8081	JTJ	22	PASI-O
		EPA 8141	WFH	19	PASI-O
		EPA 8151	LJM	11	PASI-O
		EPA 6010	TAP	2	PASI-O

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: Little Cameron Ranch
Pace Project No.: 35149454

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
35149454001	SB-1 (0-0.5)					
EPA 6010	Arsenic	0.87	mg/kg	0.65	08/14/14 15:05	
ASTM D2974-87	Percent Moisture	21.6	%	0.10	08/14/14 08:14	
35149454002	SB-2 (0-0.5)					
EPA 6010	Arsenic	1.3	mg/kg	0.67	08/14/14 15:22	
ASTM D2974-87	Percent Moisture	27.9	%	0.10	08/14/14 08:15	
35149454003	SB-3-1.5					
EPA 6010	Arsenic	2.7	mg/kg	0.64	08/14/14 15:26	
ASTM D2974-87	Percent Moisture	21.8	%	0.10	08/14/14 08:15	
35149454004	SB-4-1					
EPA 8081	Endosulfan sulfate	0.00023	l mg/kg	0.0043	08/15/14 22:22	
EPA 6010	Arsenic	1.8	mg/kg	0.64	08/14/14 16:12	
ASTM D2974-87	Percent Moisture	22.8	%	0.10	08/14/14 08:15	
35149454005	SB-5-1					
EPA 8081	Endosulfan sulfate	0.00058	l mg/kg	0.0060	08/15/14 21:42	
EPA 6010	Arsenic	0.53	l mg/kg	0.61	08/14/14 16:17	
ASTM D2974-87	Percent Moisture	17.2	%	0.10	08/14/14 08:16	
35149454006	SED-1					
EPA 8081	4,4'-DDD	0.00051	l mg/kg	0.0064	08/15/14 21:23	
EPA 6010	Arsenic	1.1	mg/kg	0.64	08/14/14 16:21	
ASTM D2974-87	Percent Moisture	20.7	%	0.10	08/14/14 08:16	
35149454007	SW-1					
EPA 6010	Arsenic	6.4	l ug/L	10.0	08/12/14 11:04	
35149454008	CR-01					
EPA 6010	Arsenic	1.8	mg/kg	0.84	08/14/14 16:38	
ASTM D2974-87	Percent Moisture	40.8	%	0.10	08/14/14 08:17	
35149454009	CR-08					
EPA 8081	Endrin aldehyde	0.00073	l mg/kg	0.012	08/15/14 18:44	
EPA 6010	Arsenic	0.66	mg/kg	0.64	08/14/14 16:42	
ASTM D2974-87	Percent Moisture	23.4	%	0.10	08/14/14 08:17	
35149454010	CR-09					
EPA 8081	4,4'-DDE	0.0027	l mg/kg	0.014	08/15/14 21:03	
EPA 8081	4,4'-DDT	0.0015	l mg/kg	0.014	08/15/14 21:03	
EPA 6010	Arsenic	0.72	mg/kg	0.71	08/14/14 16:46	
ASTM D2974-87	Percent Moisture	27.9	%	0.10	08/14/14 08:18	
35149454011	CR-10					
EPA 8081	4,4'-DDE	0.00017	l mg/kg	0.0021	08/15/14 20:23	
EPA 8081	Toxaphene	0.076	mg/kg	0.021	08/15/14 20:23	
ASTM D2974-87	Percent Moisture	20.8	%	0.10	08/14/14 08:19	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Little Cameron Ranch

Pace Project No.: 35149454

Sample: SB-1 (0-0.5) **Lab ID: 35149454001** Collected: 08/06/14 10:50 Received: 08/08/14 04:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8081 GCS Pesticides									
Analytical Method: EPA 8081 Preparation Method: EPA 3546									
Aldrin	0.00040U	mg/kg	0.012	0.00040	1	08/14/14 03:30	08/15/14 23:01	309-00-2	
alpha-BHC	0.00048U	mg/kg	0.012	0.00048	1	08/14/14 03:30	08/15/14 23:01	319-84-6	
beta-BHC	0.00054U	mg/kg	0.012	0.00054	1	08/14/14 03:30	08/15/14 23:01	319-85-7	
delta-BHC	0.00061U	mg/kg	0.012	0.00061	1	08/14/14 03:30	08/15/14 23:01	319-86-8	
gamma-BHC (Lindane)	0.0010U	mg/kg	0.012	0.0010	1	08/14/14 03:30	08/15/14 23:01	58-89-9	
Chlordane (Technical)	0.11U	mg/kg	0.12	0.11	1	08/14/14 03:30	08/15/14 23:01	57-74-9	
4,4'-DDD	0.00091U	mg/kg	0.012	0.00091	1	08/14/14 03:30	08/15/14 23:01	72-54-8	
4,4'-DDE	0.00043U	mg/kg	0.012	0.00043	1	08/14/14 03:30	08/15/14 23:01	72-55-9	
4,4'-DDT	0.00067U	mg/kg	0.012	0.00067	1	08/14/14 03:30	08/15/14 23:01	50-29-3	
Dieldrin	0.00028U	mg/kg	0.012	0.00028	1	08/14/14 03:30	08/15/14 23:01	60-57-1	
Endosulfan I	0.00017U	mg/kg	0.012	0.00017	1	08/14/14 03:30	08/15/14 23:01	959-98-8	
Endosulfan II	0.00040U	mg/kg	0.012	0.00040	1	08/14/14 03:30	08/15/14 23:01	33213-65-9	
Endosulfan sulfate	0.00030U	mg/kg	0.012	0.00030	1	08/14/14 03:30	08/15/14 23:01	1031-07-8	
Endrin	0.00036U	mg/kg	0.012	0.00036	1	08/14/14 03:30	08/15/14 23:01	72-20-8	
Endrin aldehyde	0.00046U	mg/kg	0.012	0.00046	1	08/14/14 03:30	08/15/14 23:01	7421-93-4	
Endrin ketone	0.00056U	mg/kg	0.012	0.00056	1	08/14/14 03:30	08/15/14 23:01	53494-70-5	
Heptachlor	0.00027U	mg/kg	0.012	0.00027	1	08/14/14 03:30	08/15/14 23:01	76-44-8	
Heptachlor epoxide	0.00077U	mg/kg	0.012	0.00077	1	08/14/14 03:30	08/15/14 23:01	1024-57-3	
Methoxychlor	0.0073U	mg/kg	0.012	0.0073	1	08/14/14 03:30	08/15/14 23:01	72-43-5	
Toxaphene	0.051U	mg/kg	0.12	0.051	1	08/14/14 03:30	08/15/14 23:01	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	105 %		53-130		1	08/14/14 03:30	08/15/14 23:01	877-09-8	
Decachlorobiphenyl (S)	106 %		10-130		1	08/14/14 03:30	08/15/14 23:01	2051-24-3	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	0.87	mg/kg	0.65	0.33	1	08/13/14 14:24	08/14/14 15:05	7440-38-2	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Percent Moisture	21.6	%	0.10	0.10	1		08/14/14 08:14		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Little Cameron Ranch

Pace Project No.: 35149454

Sample: SB-2 (0-0.5) **Lab ID: 35149454002** Collected: 08/06/14 11:00 Received: 08/08/14 04:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8081 GCS Pesticides		Analytical Method: EPA 8081 Preparation Method: EPA 3546							
Aldrin	0.00045U	mg/kg	0.013	0.00045	1	08/14/14 03:30	08/15/14 22:41	309-00-2	
alpha-BHC	0.00054U	mg/kg	0.013	0.00054	1	08/14/14 03:30	08/15/14 22:41	319-84-6	
beta-BHC	0.00060U	mg/kg	0.013	0.00060	1	08/14/14 03:30	08/15/14 22:41	319-85-7	
delta-BHC	0.00068U	mg/kg	0.013	0.00068	1	08/14/14 03:30	08/15/14 22:41	319-86-8	
gamma-BHC (Lindane)	0.0011U	mg/kg	0.013	0.0011	1	08/14/14 03:30	08/15/14 22:41	58-89-9	
Chlordane (Technical)	0.12U	mg/kg	0.13	0.12	1	08/14/14 03:30	08/15/14 22:41	57-74-9	
4,4'-DDD	0.0010U	mg/kg	0.013	0.0010	1	08/14/14 03:30	08/15/14 22:41	72-54-8	
4,4'-DDE	0.00047U	mg/kg	0.013	0.00047	1	08/14/14 03:30	08/15/14 22:41	72-55-9	
4,4'-DDT	0.00074U	mg/kg	0.013	0.00074	1	08/14/14 03:30	08/15/14 22:41	50-29-3	
Dieldrin	0.00031U	mg/kg	0.013	0.00031	1	08/14/14 03:30	08/15/14 22:41	60-57-1	
Endosulfan I	0.00019U	mg/kg	0.013	0.00019	1	08/14/14 03:30	08/15/14 22:41	959-98-8	
Endosulfan II	0.00044U	mg/kg	0.013	0.00044	1	08/14/14 03:30	08/15/14 22:41	33213-65-9	
Endosulfan sulfate	0.00033U	mg/kg	0.013	0.00033	1	08/14/14 03:30	08/15/14 22:41	1031-07-8	
Endrin	0.00040U	mg/kg	0.013	0.00040	1	08/14/14 03:30	08/15/14 22:41	72-20-8	
Endrin aldehyde	0.00051U	mg/kg	0.013	0.00051	1	08/14/14 03:30	08/15/14 22:41	7421-93-4	
Endrin ketone	0.00062U	mg/kg	0.013	0.00062	1	08/14/14 03:30	08/15/14 22:41	53494-70-5	
Heptachlor	0.00030U	mg/kg	0.013	0.00030	1	08/14/14 03:30	08/15/14 22:41	76-44-8	
Heptachlor epoxide	0.00086U	mg/kg	0.013	0.00086	1	08/14/14 03:30	08/15/14 22:41	1024-57-3	
Methoxychlor	0.0081U	mg/kg	0.013	0.0081	1	08/14/14 03:30	08/15/14 22:41	72-43-5	
Toxaphene	0.057U	mg/kg	0.13	0.057	1	08/14/14 03:30	08/15/14 22:41	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	84 %		53-130		1	08/14/14 03:30	08/15/14 22:41	877-09-8	
Decachlorobiphenyl (S)	95 %		10-130		1	08/14/14 03:30	08/15/14 22:41	2051-24-3	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	1.3	mg/kg	0.67	0.34	1	08/13/14 14:24	08/14/14 15:22	7440-38-2	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	27.9	%	0.10	0.10	1		08/14/14 08:15		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Little Cameron Ranch

Pace Project No.: 35149454

Sample: SB-3-1.5 **Lab ID: 35149454003** Collected: 08/06/14 11:15 Received: 08/08/14 04:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8081 GCS Pesticides		Analytical Method: EPA 8081 Preparation Method: EPA 3546							
Aldrin	0.00022U	mg/kg	0.0064	0.00022	1	08/14/14 03:30	08/15/14 22:02	309-00-2	
alpha-BHC	0.00026U	mg/kg	0.0064	0.00026	1	08/14/14 03:30	08/15/14 22:02	319-84-6	
beta-BHC	0.00029U	mg/kg	0.0064	0.00029	1	08/14/14 03:30	08/15/14 22:02	319-85-7	
delta-BHC	0.00033U	mg/kg	0.0064	0.00033	1	08/14/14 03:30	08/15/14 22:02	319-86-8	
gamma-BHC (Lindane)	0.00056U	mg/kg	0.0064	0.00056	1	08/14/14 03:30	08/15/14 22:02	58-89-9	
Chlordane (Technical)	0.060U	mg/kg	0.064	0.060	1	08/14/14 03:30	08/15/14 22:02	57-74-9	
4,4'-DDD	0.00050U	mg/kg	0.0064	0.00050	1	08/14/14 03:30	08/15/14 22:02	72-54-8	
4,4'-DDE	0.00023U	mg/kg	0.0064	0.00023	1	08/14/14 03:30	08/15/14 22:02	72-55-9	
4,4'-DDT	0.00036U	mg/kg	0.0064	0.00036	1	08/14/14 03:30	08/15/14 22:02	50-29-3	
Dieldrin	0.00015U	mg/kg	0.0064	0.00015	1	08/14/14 03:30	08/15/14 22:02	60-57-1	
Endosulfan I	0.000095U	mg/kg	0.0064	0.000095	1	08/14/14 03:30	08/15/14 22:02	959-98-8	
Endosulfan II	0.00022U	mg/kg	0.0064	0.00022	1	08/14/14 03:30	08/15/14 22:02	33213-65-9	
Endosulfan sulfate	0.00016U	mg/kg	0.0064	0.00016	1	08/14/14 03:30	08/15/14 22:02	1031-07-8	
Endrin	0.00020U	mg/kg	0.0064	0.00020	1	08/14/14 03:30	08/15/14 22:02	72-20-8	
Endrin aldehyde	0.00025U	mg/kg	0.0064	0.00025	1	08/14/14 03:30	08/15/14 22:02	7421-93-4	
Endrin ketone	0.00030U	mg/kg	0.0064	0.00030	1	08/14/14 03:30	08/15/14 22:02	53494-70-5	
Heptachlor	0.00015U	mg/kg	0.0064	0.00015	1	08/14/14 03:30	08/15/14 22:02	76-44-8	
Heptachlor epoxide	0.00042U	mg/kg	0.0064	0.00042	1	08/14/14 03:30	08/15/14 22:02	1024-57-3	
Methoxychlor	0.0040U	mg/kg	0.0064	0.0040	1	08/14/14 03:30	08/15/14 22:02	72-43-5	
Toxaphene	0.028U	mg/kg	0.064	0.028	1	08/14/14 03:30	08/15/14 22:02	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	105 %		53-130		1	08/14/14 03:30	08/15/14 22:02	877-09-8	
Decachlorobiphenyl (S)	106 %		10-130		1	08/14/14 03:30	08/15/14 22:02	2051-24-3	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	2.7	mg/kg	0.64	0.32	1	08/13/14 14:24	08/14/14 15:26	7440-38-2	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	21.8	%	0.10	0.10	1		08/14/14 08:15		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Little Cameron Ranch

Pace Project No.: 35149454

Sample: SB-4-1 **Lab ID: 35149454004** Collected: 08/06/14 11:20 Received: 08/08/14 04:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8081 GCS Pesticides		Analytical Method: EPA 8081 Preparation Method: EPA 3546							
Aldrin	0.00015U	mg/kg	0.0043	0.00015	1	08/14/14 03:30	08/15/14 22:22	309-00-2	
alpha-BHC	0.00018U	mg/kg	0.0043	0.00018	1	08/14/14 03:30	08/15/14 22:22	319-84-6	
beta-BHC	0.00020U	mg/kg	0.0043	0.00020	1	08/14/14 03:30	08/15/14 22:22	319-85-7	
delta-BHC	0.00022U	mg/kg	0.0043	0.00022	1	08/14/14 03:30	08/15/14 22:22	319-86-8	
gamma-BHC (Lindane)	0.00038U	mg/kg	0.0043	0.00038	1	08/14/14 03:30	08/15/14 22:22	58-89-9	
Chlordane (Technical)	0.040U	mg/kg	0.043	0.040	1	08/14/14 03:30	08/15/14 22:22	57-74-9	
4,4'-DDD	0.00033U	mg/kg	0.0043	0.00033	1	08/14/14 03:30	08/15/14 22:22	72-54-8	
4,4'-DDE	0.00015U	mg/kg	0.0043	0.00015	1	08/14/14 03:30	08/15/14 22:22	72-55-9	
4,4'-DDT	0.00024U	mg/kg	0.0043	0.00024	1	08/14/14 03:30	08/15/14 22:22	50-29-3	
Dieldrin	0.00010U	mg/kg	0.0043	0.00010	1	08/14/14 03:30	08/15/14 22:22	60-57-1	
Endosulfan I	0.000063U	mg/kg	0.0043	0.000063	1	08/14/14 03:30	08/15/14 22:22	959-98-8	
Endosulfan II	0.00014U	mg/kg	0.0043	0.00014	1	08/14/14 03:30	08/15/14 22:22	33213-65-9	
Endosulfan sulfate	0.00023 U	mg/kg	0.0043	0.00011	1	08/14/14 03:30	08/15/14 22:22	1031-07-8	
Endrin	0.00013U	mg/kg	0.0043	0.00013	1	08/14/14 03:30	08/15/14 22:22	72-20-8	
Endrin aldehyde	0.00017U	mg/kg	0.0043	0.00017	1	08/14/14 03:30	08/15/14 22:22	7421-93-4	
Endrin ketone	0.00020U	mg/kg	0.0043	0.00020	1	08/14/14 03:30	08/15/14 22:22	53494-70-5	
Heptachlor	0.000099U	mg/kg	0.0043	0.000099	1	08/14/14 03:30	08/15/14 22:22	76-44-8	
Heptachlor epoxide	0.00028U	mg/kg	0.0043	0.00028	1	08/14/14 03:30	08/15/14 22:22	1024-57-3	
Methoxychlor	0.0027U	mg/kg	0.0043	0.0027	1	08/14/14 03:30	08/15/14 22:22	72-43-5	
Toxaphene	0.019U	mg/kg	0.043	0.019	1	08/14/14 03:30	08/15/14 22:22	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	90 %		53-130		1	08/14/14 03:30	08/15/14 22:22	877-09-8	
Decachlorobiphenyl (S)	105 %		10-130		1	08/14/14 03:30	08/15/14 22:22	2051-24-3	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	1.8	mg/kg	0.64	0.32	1	08/13/14 14:24	08/14/14 16:12	7440-38-2	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	22.8	%	0.10	0.10	1		08/14/14 08:15		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Little Cameron Ranch

Pace Project No.: 35149454

Sample: SB-5-1 **Lab ID: 35149454005** Collected: 08/06/14 11:28 Received: 08/08/14 04:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8081 GCS Pesticides		Analytical Method: EPA 8081 Preparation Method: EPA 3546							
Aldrin	0.00020U	mg/kg	0.0060	0.00020	1	08/14/14 03:30	08/15/14 21:42	309-00-2	
alpha-BHC	0.00024U	mg/kg	0.0060	0.00024	1	08/14/14 03:30	08/15/14 21:42	319-84-6	
beta-BHC	0.00027U	mg/kg	0.0060	0.00027	1	08/14/14 03:30	08/15/14 21:42	319-85-7	
delta-BHC	0.00031U	mg/kg	0.0060	0.00031	1	08/14/14 03:30	08/15/14 21:42	319-86-8	
gamma-BHC (Lindane)	0.00052U	mg/kg	0.0060	0.00052	1	08/14/14 03:30	08/15/14 21:42	58-89-9	
Chlordane (Technical)	0.056U	mg/kg	0.060	0.056	1	08/14/14 03:30	08/15/14 21:42	57-74-9	
4,4'-DDD	0.00046U	mg/kg	0.0060	0.00046	1	08/14/14 03:30	08/15/14 21:42	72-54-8	
4,4'-DDE	0.00022U	mg/kg	0.0060	0.00022	1	08/14/14 03:30	08/15/14 21:42	72-55-9	
4,4'-DDT	0.00034U	mg/kg	0.0060	0.00034	1	08/14/14 03:30	08/15/14 21:42	50-29-3	
Dieldrin	0.00014U	mg/kg	0.0060	0.00014	1	08/14/14 03:30	08/15/14 21:42	60-57-1	
Endosulfan I	0.000088U	mg/kg	0.0060	0.000088	1	08/14/14 03:30	08/15/14 21:42	959-98-8	
Endosulfan II	0.00020U	mg/kg	0.0060	0.00020	1	08/14/14 03:30	08/15/14 21:42	33213-65-9	
Endosulfan sulfate	0.00058 I	mg/kg	0.0060	0.00015	1	08/14/14 03:30	08/15/14 21:42	1031-07-8	
Endrin	0.00018U	mg/kg	0.0060	0.00018	1	08/14/14 03:30	08/15/14 21:42	72-20-8	
Endrin aldehyde	0.00023U	mg/kg	0.0060	0.00023	1	08/14/14 03:30	08/15/14 21:42	7421-93-4	
Endrin ketone	0.00028U	mg/kg	0.0060	0.00028	1	08/14/14 03:30	08/15/14 21:42	53494-70-5	
Heptachlor	0.00014U	mg/kg	0.0060	0.00014	1	08/14/14 03:30	08/15/14 21:42	76-44-8	
Heptachlor epoxide	0.00039U	mg/kg	0.0060	0.00039	1	08/14/14 03:30	08/15/14 21:42	1024-57-3	
Methoxychlor	0.0037U	mg/kg	0.0060	0.0037	1	08/14/14 03:30	08/15/14 21:42	72-43-5	
Toxaphene	0.026U	mg/kg	0.060	0.026	1	08/14/14 03:30	08/15/14 21:42	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	85 %		53-130		1	08/14/14 03:30	08/15/14 21:42	877-09-8	
Decachlorobiphenyl (S)	105 %		10-130		1	08/14/14 03:30	08/15/14 21:42	2051-24-3	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	0.53 I	mg/kg	0.61	0.31	1	08/13/14 14:24	08/14/14 16:17	7440-38-2	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	17.2	%	0.10	0.10	1		08/14/14 08:16		

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ANALYTICAL RESULTS

Project: Little Cameron Ranch

Pace Project No.: 35149454

Sample: SED-1 **Lab ID: 35149454006** Collected: 08/06/14 12:00 Received: 08/08/14 04:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8081 GCS Pesticides		Analytical Method: EPA 8081 Preparation Method: EPA 3546							
Aldrin	0.00022U	mg/kg	0.0064	0.00022	1	08/14/14 03:30	08/15/14 21:23	309-00-2	
alpha-BHC	0.00026U	mg/kg	0.0064	0.00026	1	08/14/14 03:30	08/15/14 21:23	319-84-6	
beta-BHC	0.00029U	mg/kg	0.0064	0.00029	1	08/14/14 03:30	08/15/14 21:23	319-85-7	
delta-BHC	0.00033U	mg/kg	0.0064	0.00033	1	08/14/14 03:30	08/15/14 21:23	319-86-8	
gamma-BHC (Lindane)	0.00055U	mg/kg	0.0064	0.00055	1	08/14/14 03:30	08/15/14 21:23	58-89-9	
Chlordane (Technical)	0.059U	mg/kg	0.064	0.059	1	08/14/14 03:30	08/15/14 21:23	57-74-9	
4,4'-DDD	0.00051 I	mg/kg	0.0064	0.00049	1	08/14/14 03:30	08/15/14 21:23	72-54-8	
4,4'-DDE	0.00023U	mg/kg	0.0064	0.00023	1	08/14/14 03:30	08/15/14 21:23	72-55-9	
4,4'-DDT	0.00036U	mg/kg	0.0064	0.00036	1	08/14/14 03:30	08/15/14 21:23	50-29-3	
Dieldrin	0.00015U	mg/kg	0.0064	0.00015	1	08/14/14 03:30	08/15/14 21:23	60-57-1	
Endosulfan I	0.000094U	mg/kg	0.0064	0.000094	1	08/14/14 03:30	08/15/14 21:23	959-98-8	
Endosulfan II	0.00021U	mg/kg	0.0064	0.00021	1	08/14/14 03:30	08/15/14 21:23	33213-65-9	
Endosulfan sulfate	0.00016U	mg/kg	0.0064	0.00016	1	08/14/14 03:30	08/15/14 21:23	1031-07-8	
Endrin	0.00019U	mg/kg	0.0064	0.00019	1	08/14/14 03:30	08/15/14 21:23	72-20-8	
Endrin aldehyde	0.00025U	mg/kg	0.0064	0.00025	1	08/14/14 03:30	08/15/14 21:23	7421-93-4	
Endrin ketone	0.00030U	mg/kg	0.0064	0.00030	1	08/14/14 03:30	08/15/14 21:23	53494-70-5	
Heptachlor	0.00015U	mg/kg	0.0064	0.00015	1	08/14/14 03:30	08/15/14 21:23	76-44-8	
Heptachlor epoxide	0.00042U	mg/kg	0.0064	0.00042	1	08/14/14 03:30	08/15/14 21:23	1024-57-3	
Methoxychlor	0.0039U	mg/kg	0.0064	0.0039	1	08/14/14 03:30	08/15/14 21:23	72-43-5	
Toxaphene	0.028U	mg/kg	0.064	0.028	1	08/14/14 03:30	08/15/14 21:23	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	96 %		53-130		1	08/14/14 03:30	08/15/14 21:23	877-09-8	
Decachlorobiphenyl (S)	102 %		10-130		1	08/14/14 03:30	08/15/14 21:23	2051-24-3	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	1.1	mg/kg	0.64	0.32	1	08/13/14 14:24	08/14/14 16:21	7440-38-2	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	20.7	%	0.10	0.10	1		08/14/14 08:16		

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ANALYTICAL RESULTS

Project: Little Cameron Ranch

Pace Project No.: 35149454

Sample: SW-1 **Lab ID: 35149454007** Collected: 08/06/14 12:01 Received: 08/08/14 04:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8081 GCS Pesticides		Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	0.0065U	ug/L	0.011	0.0065	1	08/12/14 17:45	08/15/14 05:36	309-00-2	J(L2)
alpha-BHC	0.0023U	ug/L	0.011	0.0023	1	08/12/14 17:45	08/15/14 05:36	319-84-6	P2
beta-BHC	0.0086U	ug/L	0.011	0.0086	1	08/12/14 17:45	08/15/14 05:36	319-85-7	
delta-BHC	0.0052U	ug/L	0.011	0.0052	1	08/12/14 17:45	08/15/14 05:36	319-86-8	
gamma-BHC (Lindane)	0.0024U	ug/L	0.011	0.0024	1	08/12/14 17:45	08/15/14 05:36	58-89-9	
Chlordane (Technical)	0.094U	ug/L	0.54	0.094	1	08/12/14 17:45	08/15/14 05:36	57-74-9	
4,4'-DDD	0.0096U	ug/L	0.011	0.0096	1	08/12/14 17:45	08/15/14 05:36	72-54-8	
4,4'-DDE	0.0054U	ug/L	0.011	0.0054	1	08/12/14 17:45	08/15/14 05:36	72-55-9	
4,4'-DDT	0.0054U	ug/L	0.011	0.0054	1	08/12/14 17:45	08/15/14 05:36	50-29-3	
Dieldrin	0.0044U	ug/L	0.011	0.0044	1	08/12/14 17:45	08/15/14 05:36	60-57-1	
Endosulfan I	0.0055U	ug/L	0.011	0.0055	1	08/12/14 17:45	08/15/14 05:36	959-98-8	
Endosulfan II	0.0043U	ug/L	0.011	0.0043	1	08/12/14 17:45	08/15/14 05:36	33213-65-9	
Endosulfan sulfate	0.0067U	ug/L	0.11	0.0067	1	08/12/14 17:45	08/15/14 05:36	1031-07-8	
Endrin	0.0046U	ug/L	0.011	0.0046	1	08/12/14 17:45	08/15/14 05:36	72-20-8	
Endrin aldehyde	0.0039U	ug/L	0.11	0.0039	1	08/12/14 17:45	08/15/14 05:36	7421-93-4	
Endrin ketone	0.0054U	ug/L	0.011	0.0054	1	08/12/14 17:45	08/15/14 05:36	53494-70-5	
Heptachlor	0.0067U	ug/L	0.011	0.0067	1	08/12/14 17:45	08/15/14 05:36	76-44-8	J(L2)
Heptachlor epoxide	0.0056U	ug/L	0.011	0.0056	1	08/12/14 17:45	08/15/14 05:36	1024-57-3	
Methoxychlor	0.010U	ug/L	0.011	0.010	1	08/12/14 17:45	08/15/14 05:36	72-43-5	
Toxaphene	0.27U	ug/L	0.54	0.27	1	08/12/14 17:45	08/15/14 05:36	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	66 %		53-130		1	08/12/14 17:45	08/15/14 05:36	877-09-8	
Decachlorobiphenyl (S)	46 %		10-130		1	08/12/14 17:45	08/15/14 05:36	2051-24-3	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	6.4 I	ug/L	10.0	5.0	1	08/08/14 20:05	08/12/14 11:04	7440-38-2	

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ANALYTICAL RESULTS

Project: Little Cameron Ranch

Pace Project No.: 35149454

Sample: CR-01 **Lab ID: 35149454008** Collected: 08/07/14 11:03 Received: 08/08/14 04:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8081 GCS Pesticides									
Analytical Method: EPA 8081 Preparation Method: EPA 3546									
Aldrin	0.00059U	mg/kg	0.017	0.00059	1	08/14/14 03:30	08/15/14 19:04	309-00-2	
alpha-BHC	0.00070U	mg/kg	0.017	0.00070	1	08/14/14 03:30	08/15/14 19:04	319-84-6	
beta-BHC	0.00078U	mg/kg	0.017	0.00078	1	08/14/14 03:30	08/15/14 19:04	319-85-7	
delta-BHC	0.00088U	mg/kg	0.017	0.00088	1	08/14/14 03:30	08/15/14 19:04	319-86-8	
gamma-BHC (Lindane)	0.0015U	mg/kg	0.017	0.0015	1	08/14/14 03:30	08/15/14 19:04	58-89-9	
Chlordane (Technical)	0.16U	mg/kg	0.17	0.16	1	08/14/14 03:30	08/15/14 19:04	57-74-9	
4,4'-DDD	0.0013U	mg/kg	0.017	0.0013	1	08/14/14 03:30	08/15/14 19:04	72-54-8	
4,4'-DDE	0.00062U	mg/kg	0.017	0.00062	1	08/14/14 03:30	08/15/14 19:04	72-55-9	
4,4'-DDT	0.00097U	mg/kg	0.017	0.00097	1	08/14/14 03:30	08/15/14 19:04	50-29-3	
Dieldrin	0.00041U	mg/kg	0.017	0.00041	1	08/14/14 03:30	08/15/14 19:04	60-57-1	
Endosulfan I	0.00025U	mg/kg	0.017	0.00025	1	08/14/14 03:30	08/15/14 19:04	959-98-8	
Endosulfan II	0.00058U	mg/kg	0.017	0.00058	1	08/14/14 03:30	08/15/14 19:04	33213-65-9	
Endosulfan sulfate	0.00044U	mg/kg	0.017	0.00044	1	08/14/14 03:30	08/15/14 19:04	1031-07-8	
Endrin	0.00053U	mg/kg	0.017	0.00053	1	08/14/14 03:30	08/15/14 19:04	72-20-8	
Endrin aldehyde	0.00067U	mg/kg	0.017	0.00067	1	08/14/14 03:30	08/15/14 19:04	7421-93-4	
Endrin ketone	0.00081U	mg/kg	0.017	0.00081	1	08/14/14 03:30	08/15/14 19:04	53494-70-5	
Heptachlor	0.00040U	mg/kg	0.017	0.00040	1	08/14/14 03:30	08/15/14 19:04	76-44-8	
Heptachlor epoxide	0.0011U	mg/kg	0.017	0.0011	1	08/14/14 03:30	08/15/14 19:04	1024-57-3	
Methoxychlor	0.011U	mg/kg	0.017	0.011	1	08/14/14 03:30	08/15/14 19:04	72-43-5	
Toxaphene	0.074U	mg/kg	0.17	0.074	1	08/14/14 03:30	08/15/14 19:04	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	99 %		53-130		1	08/14/14 03:30	08/15/14 19:04	877-09-8	
Decachlorobiphenyl (S)	93 %		10-130		1	08/14/14 03:30	08/15/14 19:04	2051-24-3	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	1.8	mg/kg	0.84	0.42	1	08/13/14 14:24	08/14/14 16:38	7440-38-2	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Percent Moisture	40.8	%	0.10	0.10	1		08/14/14 08:17		

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ANALYTICAL RESULTS

Project: Little Cameron Ranch

Pace Project No.: 35149454

Sample: CR-08 **Lab ID: 35149454009** Collected: 08/06/14 13:15 Received: 08/08/14 04:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8081 GCS Pesticides		Analytical Method: EPA 8081 Preparation Method: EPA 3546							
Aldrin	0.00042U	mg/kg	0.012	0.00042	1	08/14/14 03:30	08/15/14 18:44	309-00-2	
alpha-BHC	0.00051U	mg/kg	0.012	0.00051	1	08/14/14 03:30	08/15/14 18:44	319-84-6	
beta-BHC	0.00056U	mg/kg	0.012	0.00056	1	08/14/14 03:30	08/15/14 18:44	319-85-7	
delta-BHC	0.00064U	mg/kg	0.012	0.00064	1	08/14/14 03:30	08/15/14 18:44	319-86-8	
gamma-BHC (Lindane)	0.0011U	mg/kg	0.012	0.0011	1	08/14/14 03:30	08/15/14 18:44	58-89-9	
Chlordane (Technical)	0.12U	mg/kg	0.12	0.12	1	08/14/14 03:30	08/15/14 18:44	57-74-9	
4,4'-DDD	0.00096U	mg/kg	0.012	0.00096	1	08/14/14 03:30	08/15/14 18:44	72-54-8	
4,4'-DDE	0.00045U	mg/kg	0.012	0.00045	1	08/14/14 03:30	08/15/14 18:44	72-55-9	
4,4'-DDT	0.00070U	mg/kg	0.012	0.00070	1	08/14/14 03:30	08/15/14 18:44	50-29-3	
Dieldrin	0.00029U	mg/kg	0.012	0.00029	1	08/14/14 03:30	08/15/14 18:44	60-57-1	
Endosulfan I	0.00018U	mg/kg	0.012	0.00018	1	08/14/14 03:30	08/15/14 18:44	959-98-8	
Endosulfan II	0.00042U	mg/kg	0.012	0.00042	1	08/14/14 03:30	08/15/14 18:44	33213-65-9	
Endosulfan sulfate	0.00031U	mg/kg	0.012	0.00031	1	08/14/14 03:30	08/15/14 18:44	1031-07-8	
Endrin	0.00038U	mg/kg	0.012	0.00038	1	08/14/14 03:30	08/15/14 18:44	72-20-8	
Endrin aldehyde	0.00073 U	mg/kg	0.012	0.00048	1	08/14/14 03:30	08/15/14 18:44	7421-93-4	
Endrin ketone	0.00059U	mg/kg	0.012	0.00059	1	08/14/14 03:30	08/15/14 18:44	53494-70-5	
Heptachlor	0.00029U	mg/kg	0.012	0.00029	1	08/14/14 03:30	08/15/14 18:44	76-44-8	
Heptachlor epoxide	0.00081U	mg/kg	0.012	0.00081	1	08/14/14 03:30	08/15/14 18:44	1024-57-3	
Methoxychlor	0.0077U	mg/kg	0.012	0.0077	1	08/14/14 03:30	08/15/14 18:44	72-43-5	
Toxaphene	0.054U	mg/kg	0.12	0.054	1	08/14/14 03:30	08/15/14 18:44	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	102 %		53-130		1	08/14/14 03:30	08/15/14 18:44	877-09-8	
Decachlorobiphenyl (S)	103 %		10-130		1	08/14/14 03:30	08/15/14 18:44	2051-24-3	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	0.66	mg/kg	0.64	0.32	1	08/13/14 14:24	08/14/14 16:42	7440-38-2	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	23.4	%	0.10	0.10	1		08/14/14 08:17		

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ANALYTICAL RESULTS

Project: Little Cameron Ranch

Pace Project No.: 35149454

Sample: CR-09 **Lab ID: 35149454010** Collected: 08/07/14 10:39 Received: 08/08/14 04:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8081 GCS Pesticides									
Analytical Method: EPA 8081 Preparation Method: EPA 3546									
Aldrin	0.00047U	mg/kg	0.014	0.00047	1	08/14/14 03:30	08/15/14 21:03	309-00-2	
alpha-BHC	0.00056U	mg/kg	0.014	0.00056	1	08/14/14 03:30	08/15/14 21:03	319-84-6	
beta-BHC	0.00062U	mg/kg	0.014	0.00062	1	08/14/14 03:30	08/15/14 21:03	319-85-7	
delta-BHC	0.00070U	mg/kg	0.014	0.00070	1	08/14/14 03:30	08/15/14 21:03	319-86-8	
gamma-BHC (Lindane)	0.0012U	mg/kg	0.014	0.0012	1	08/14/14 03:30	08/15/14 21:03	58-89-9	
Chlordane (Technical)	0.13U	mg/kg	0.14	0.13	1	08/14/14 03:30	08/15/14 21:03	57-74-9	
4,4'-DDD	0.0011U	mg/kg	0.014	0.0011	1	08/14/14 03:30	08/15/14 21:03	72-54-8	
4,4'-DDE	0.0027 I	mg/kg	0.014	0.00049	1	08/14/14 03:30	08/15/14 21:03	72-55-9	
4,4'-DDT	0.0015 I	mg/kg	0.014	0.00077	1	08/14/14 03:30	08/15/14 21:03	50-29-3	
Dieldrin	0.00032U	mg/kg	0.014	0.00032	1	08/14/14 03:30	08/15/14 21:03	60-57-1	
Endosulfan I	0.00020U	mg/kg	0.014	0.00020	1	08/14/14 03:30	08/15/14 21:03	959-98-8	
Endosulfan II	0.00046U	mg/kg	0.014	0.00046	1	08/14/14 03:30	08/15/14 21:03	33213-65-9	
Endosulfan sulfate	0.00035U	mg/kg	0.014	0.00035	1	08/14/14 03:30	08/15/14 21:03	1031-07-8	
Endrin	0.00042U	mg/kg	0.014	0.00042	1	08/14/14 03:30	08/15/14 21:03	72-20-8	
Endrin aldehyde	0.00053U	mg/kg	0.014	0.00053	1	08/14/14 03:30	08/15/14 21:03	7421-93-4	
Endrin ketone	0.00064U	mg/kg	0.014	0.00064	1	08/14/14 03:30	08/15/14 21:03	53494-70-5	
Heptachlor	0.00031U	mg/kg	0.014	0.00031	1	08/14/14 03:30	08/15/14 21:03	76-44-8	
Heptachlor epoxide	0.00089U	mg/kg	0.014	0.00089	1	08/14/14 03:30	08/15/14 21:03	1024-57-3	
Methoxychlor	0.0085U	mg/kg	0.014	0.0085	1	08/14/14 03:30	08/15/14 21:03	72-43-5	
Toxaphene	0.059U	mg/kg	0.14	0.059	1	08/14/14 03:30	08/15/14 21:03	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	101 %		53-130		1	08/14/14 03:30	08/15/14 21:03	877-09-8	
Decachlorobiphenyl (S)	104 %		10-130		1	08/14/14 03:30	08/15/14 21:03	2051-24-3	
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Arsenic	0.72	mg/kg	0.71	0.35	1	08/13/14 14:24	08/14/14 16:46	7440-38-2	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Percent Moisture	27.9	%	0.10	0.10	1		08/14/14 08:18		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Little Cameron Ranch

Pace Project No.: 35149454

Sample: CR-10 **Lab ID: 35149454011** Collected: 08/06/14 12:30 Received: 08/08/14 04:00 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8081 GCS Pesticides		Analytical Method: EPA 8081 Preparation Method: EPA 3546							
Aldrin	0.000073U	mg/kg	0.0021	0.000073	1	08/14/14 03:30	08/15/14 20:23	309-00-2	
alpha-BHC	0.000087U	mg/kg	0.0021	0.000087	1	08/14/14 03:30	08/15/14 20:23	319-84-6	
beta-BHC	0.000097U	mg/kg	0.0021	0.000097	1	08/14/14 03:30	08/15/14 20:23	319-85-7	
delta-BHC	0.00011U	mg/kg	0.0021	0.00011	1	08/14/14 03:30	08/15/14 20:23	319-86-8	
gamma-BHC (Lindane)	0.00019U	mg/kg	0.0021	0.00019	1	08/14/14 03:30	08/15/14 20:23	58-89-9	
Chlordane (Technical)	0.020U	mg/kg	0.021	0.020	1	08/14/14 03:30	08/15/14 20:23	57-74-9	
4,4'-DDD	0.00017U	mg/kg	0.0021	0.00017	1	08/14/14 03:30	08/15/14 20:23	72-54-8	
4,4'-DDE	0.00017 U	mg/kg	0.0021	0.000077	1	08/14/14 03:30	08/15/14 20:23	72-55-9	
4,4'-DDT	0.00012U	mg/kg	0.0021	0.00012	1	08/14/14 03:30	08/15/14 20:23	50-29-3	
Dieldrin	0.000050U	mg/kg	0.0021	0.000050	1	08/14/14 03:30	08/15/14 20:23	60-57-1	
Endosulfan I	0.000032U	mg/kg	0.0021	0.000032	1	08/14/14 03:30	08/15/14 20:23	959-98-8	
Endosulfan II	0.000072U	mg/kg	0.0021	0.000072	1	08/14/14 03:30	08/15/14 20:23	33213-65-9	
Endosulfan sulfate	0.000054U	mg/kg	0.0021	0.000054	1	08/14/14 03:30	08/15/14 20:23	1031-07-8	
Endrin	0.000066U	mg/kg	0.0021	0.000066	1	08/14/14 03:30	08/15/14 20:23	72-20-8	
Endrin aldehyde	0.000083U	mg/kg	0.0021	0.000083	1	08/14/14 03:30	08/15/14 20:23	7421-93-4	
Endrin ketone	0.00010U	mg/kg	0.0021	0.00010	1	08/14/14 03:30	08/15/14 20:23	53494-70-5	
Heptachlor	0.000049U	mg/kg	0.0021	0.000049	1	08/14/14 03:30	08/15/14 20:23	76-44-8	
Heptachlor epoxide	0.00014U	mg/kg	0.0021	0.00014	1	08/14/14 03:30	08/15/14 20:23	1024-57-3	
Methoxychlor	0.0013U	mg/kg	0.0021	0.0013	1	08/14/14 03:30	08/15/14 20:23	72-43-5	
Toxaphene	0.076	mg/kg	0.021	0.0093	1	08/14/14 03:30	08/15/14 20:23	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	91 %		53-130		1	08/14/14 03:30	08/15/14 20:23	877-09-8	
Decachlorobiphenyl (S)	92 %		10-130		1	08/14/14 03:30	08/15/14 20:23	2051-24-3	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	0.31U	mg/kg	0.62	0.31	1	08/13/14 14:24	08/14/14 16:50	7440-38-2	
Percent Moisture		Analytical Method: ASTM D2974-87							
Percent Moisture	20.8	%	0.10	0.10	1		08/14/14 08:19		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Little Cameron Ranch

Pace Project No.: 35149454

Sample: TW-1 **Lab ID:** 35149454012 Collected: 08/07/14 09:41 Received: 08/08/14 04:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8081 GCS Pesticides		Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	0.0065U	ug/L	0.011	0.0065	1	08/12/14 17:45	08/15/14 05:56	309-00-2	J(L2)
alpha-BHC	0.0023U	ug/L	0.011	0.0023	1	08/12/14 17:45	08/15/14 05:56	319-84-6	P2
beta-BHC	0.0086U	ug/L	0.011	0.0086	1	08/12/14 17:45	08/15/14 05:56	319-85-7	
delta-BHC	0.0052U	ug/L	0.011	0.0052	1	08/12/14 17:45	08/15/14 05:56	319-86-8	
gamma-BHC (Lindane)	0.0024U	ug/L	0.011	0.0024	1	08/12/14 17:45	08/15/14 05:56	58-89-9	
Chlordane (Technical)	0.094U	ug/L	0.54	0.094	1	08/12/14 17:45	08/15/14 05:56	57-74-9	
4,4'-DDD	0.0096U	ug/L	0.011	0.0096	1	08/12/14 17:45	08/15/14 05:56	72-54-8	
4,4'-DDE	0.0054U	ug/L	0.011	0.0054	1	08/12/14 17:45	08/15/14 05:56	72-55-9	
4,4'-DDT	0.0054U	ug/L	0.011	0.0054	1	08/12/14 17:45	08/15/14 05:56	50-29-3	
Dieldrin	0.0044U	ug/L	0.011	0.0044	1	08/12/14 17:45	08/15/14 05:56	60-57-1	
Endosulfan I	0.0055U	ug/L	0.011	0.0055	1	08/12/14 17:45	08/15/14 05:56	959-98-8	
Endosulfan II	0.0043U	ug/L	0.011	0.0043	1	08/12/14 17:45	08/15/14 05:56	33213-65-9	
Endosulfan sulfate	0.0067U	ug/L	0.11	0.0067	1	08/12/14 17:45	08/15/14 05:56	1031-07-8	
Endrin	0.0046U	ug/L	0.011	0.0046	1	08/12/14 17:45	08/15/14 05:56	72-20-8	
Endrin aldehyde	0.0039U	ug/L	0.11	0.0039	1	08/12/14 17:45	08/15/14 05:56	7421-93-4	
Endrin ketone	0.0054U	ug/L	0.011	0.0054	1	08/12/14 17:45	08/15/14 05:56	53494-70-5	
Heptachlor	0.0067U	ug/L	0.011	0.0067	1	08/12/14 17:45	08/15/14 05:56	76-44-8	J(L2)
Heptachlor epoxide	0.0056U	ug/L	0.011	0.0056	1	08/12/14 17:45	08/15/14 05:56	1024-57-3	
Methoxychlor	0.010U	ug/L	0.011	0.010	1	08/12/14 17:45	08/15/14 05:56	72-43-5	
Toxaphene	0.27U	ug/L	0.54	0.27	1	08/12/14 17:45	08/15/14 05:56	8001-35-2	
Surrogates									
Tetrachloro-m-xylene (S)	55 %		53-130		1	08/12/14 17:45	08/15/14 05:56	877-09-8	
Decachlorobiphenyl (S)	61 %		10-130		1	08/12/14 17:45	08/15/14 05:56	2051-24-3	
8141 GCS O/P Pesticides		Analytical Method: EPA 8141 Preparation Method: EPA 3510							
Atrazine	0.71U	ug/L	1.6	0.71	1	08/13/14 23:00	08/14/14 17:17	1912-24-9	
Azinphos, methyl (Guthion)	0.29U	ug/L	0.52	0.29	1	08/13/14 23:00	08/14/14 17:17	86-50-0	
Carbophenothion (Trithion)	0.24U	ug/L	0.52	0.24	1	08/13/14 23:00	08/14/14 17:17	786-19-6	
Chlorpyrifos	0.25U	ug/L	0.52	0.25	1	08/13/14 23:00	08/14/14 17:17	2921-88-2	
Coumaphos	0.28U	ug/L	0.52	0.28	1	08/13/14 23:00	08/14/14 17:17	56-72-4	
Diazinon	0.27U	ug/L	0.52	0.27	1	08/13/14 23:00	08/14/14 17:17	333-41-5	
Dichlorvos	0.21U	ug/L	0.52	0.21	1	08/13/14 23:00	08/14/14 17:17	62-73-7	
Dimethoate	0.25U	ug/L	0.52	0.25	1	08/13/14 23:00	08/14/14 17:17	60-51-5	
Disulfoton	0.27U	ug/L	0.52	0.27	1	08/13/14 23:00	08/14/14 17:17	298-04-4	
Ethion	0.28U	ug/L	0.52	0.28	1	08/13/14 23:00	08/14/14 17:17	563-12-2	
Famphur	0.30U	ug/L	0.52	0.30	1	08/13/14 23:00	08/14/14 17:17	52-85-7	
Malathion	0.29U	ug/L	0.52	0.29	1	08/13/14 23:00	08/14/14 17:17	121-75-5	
Methyl parathion	0.28U	ug/L	0.52	0.28	1	08/13/14 23:00	08/14/14 17:17	298-00-0	
Mevinphos	0.23U	ug/L	0.52	0.23	1	08/13/14 23:00	08/14/14 17:17	7786-34-7	
Monocrotophos	0.16U	ug/L	1.0	0.16	1	08/13/14 23:00	08/14/14 17:17	919-44-8	J(L2)
Parathion (Ethyl parathion)	0.49U	ug/L	1.0	0.49	1	08/13/14 23:00	08/14/14 17:17	56-38-2	
Phorate	0.44U	ug/L	1.0	0.44	1	08/13/14 23:00	08/14/14 17:17	298-02-2	
Phosmet	0.29U	ug/L	0.52	0.29	1	08/13/14 23:00	08/14/14 17:17	732-11-6	
Surrogates									
4-Chloro3nitrobenzotrifluoride	55 %		34.2-122		1	08/13/14 23:00	08/14/14 17:17		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Little Cameron Ranch

Pace Project No.: 35149454

Sample: TW-1 **Lab ID: 35149454012** Collected: 08/07/14 09:41 Received: 08/08/14 04:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8151 Chlorinated Herbicides		Analytical Method: EPA 8151 Preparation Method: EPA 8151							
Bentazon	0.016U	ug/L	0.097	0.016	1	08/09/14 08:30	08/13/14 02:20	25057-89-0	
2,4-D	0.23U	ug/L	0.97	0.23	1	08/09/14 08:30	08/13/14 02:20	94-75-7	
Dalapon	0.44U	ug/L	0.94	0.44	1	08/09/14 08:30	08/13/14 02:20	75-99-0	
2,4-DB	0.52U	ug/L	2.0	0.52	1	08/09/14 08:30	08/13/14 02:20	94-82-6	
Dicamba	0.031U	ug/L	0.097	0.031	1	08/09/14 08:30	08/13/14 02:20	1918-00-9	
Dinoseb	0.059U	ug/L	0.19	0.059	1	08/09/14 08:30	08/13/14 02:20	88-85-7	
Pentachlorophenol	0.018U	ug/L	0.029	0.018	1	08/09/14 08:30	08/13/14 02:20	87-86-5	
Picloram	0.020U	ug/L	0.097	0.020	1	08/09/14 08:30	08/13/14 02:20	1918-02-1	
2,4,5-T	0.043U	ug/L	0.20	0.043	1	08/09/14 08:30	08/13/14 02:20	93-76-5	
2,4,5-TP (Silvex)	0.050U	ug/L	0.20	0.050	1	08/09/14 08:30	08/13/14 02:20	93-72-1	
Surrogates									
2,4-DCAA (S)	131 %		66-130		1	08/09/14 08:30	08/13/14 02:20	19719-28-9	S3
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	5.0U	ug/L	10.0	5.0	1	08/08/14 20:05	08/12/14 14:36	7440-38-2	
Copper	2.5U	ug/L	5.0	2.5	1	08/08/14 20:05	08/12/14 14:36	7440-50-8	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Little Cameron Ranch

Pace Project No.: 35149454

QC Batch: MPRP/20062 Analysis Method: EPA 6010

QC Batch Method: EPA 3050 Analysis Description: 6010 MET Solid

Associated Lab Samples: 35149454001, 35149454002, 35149454003, 35149454004, 35149454005, 35149454006, 35149454008, 35149454009, 35149454010, 35149454011

METHOD BLANK: 978279 Matrix: Solid

Associated Lab Samples: 35149454001, 35149454002, 35149454003, 35149454004, 35149454005, 35149454006, 35149454008, 35149454009, 35149454010, 35149454011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	0.25U	0.50	08/14/14 14:27	

LABORATORY CONTROL SAMPLE: 978280

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	12.7	12.1	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 978281 978282

Parameter	Units	35149381001 Result	MS		MSD		MS		MSD		% Rec Limits	Max RPD	Qual
			Spike Conc.	MS Result	MSD Result	% Rec	% Rec	MSD Result					
Arsenic	mg/kg	2.5U	123	125	121	123	96	97	75-125	2	20		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Little Cameron Ranch
Pace Project No.: 35149454

QC Batch: MPRP/19992 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 35149454007, 35149454012

METHOD BLANK: 974794 Matrix: Water
Associated Lab Samples: 35149454007, 35149454012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	ug/L	5.0U	10.0	08/12/14 09:30	
Copper	ug/L	2.5U	5.0	08/12/14 09:30	

LABORATORY CONTROL SAMPLE: 974795

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	250	240	96	80-120	
Copper	ug/L	250	244	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 974796 974797

Parameter	Units	35149004001		MS		MSD		% Rec		Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec				
Arsenic	ug/L	6.1 I	250	250	241	237	94	93	75-125	2	20		
Copper	ug/L	2.5U	250	250	249	242	99	96	75-125	3	20		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: Little Cameron Ranch

Pace Project No.: 35149454

QC Batch: OEXT/18490 Analysis Method: EPA 8081
 QC Batch Method: EPA 3546 Analysis Description: 8081 GCS Pesticides
 Associated Lab Samples: 35149454001, 35149454002, 35149454003, 35149454004, 35149454005, 35149454006, 35149454008,
 35149454009, 35149454010, 35149454011

METHOD BLANK: 978308 Matrix: Solid
 Associated Lab Samples: 35149454001, 35149454002, 35149454003, 35149454004, 35149454005, 35149454006, 35149454008,
 35149454009, 35149454010, 35149454011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
4,4'-DDD	mg/kg	0.00013U	0.0017	08/15/14 10:29	
4,4'-DDE	mg/kg	0.000061U	0.0017	08/15/14 10:29	
4,4'-DDT	mg/kg	0.000096U	0.0017	08/15/14 10:29	
Aldrin	mg/kg	0.000058U	0.0017	08/15/14 10:29	
alpha-BHC	mg/kg	0.000069U	0.0017	08/15/14 10:29	
beta-BHC	mg/kg	0.000077U	0.0017	08/15/14 10:29	
Chlordane (Technical)	mg/kg	0.016U	0.017	08/15/14 10:29	
delta-BHC	mg/kg	0.000087U	0.0017	08/15/14 10:29	
Dieldrin	mg/kg	0.000040U	0.0017	08/15/14 10:29	
Endosulfan I	mg/kg	0.000025U	0.0017	08/15/14 10:29	
Endosulfan II	mg/kg	0.000057U	0.0017	08/15/14 10:29	
Endosulfan sulfate	mg/kg	0.000043U	0.0017	08/15/14 10:29	
Endrin	mg/kg	0.000052U	0.0017	08/15/14 10:29	
Endrin aldehyde	mg/kg	0.000066U	0.0017	08/15/14 10:29	
Endrin ketone	mg/kg	0.000080U	0.0017	08/15/14 10:29	
gamma-BHC (Lindane)	mg/kg	0.00015U	0.0017	08/15/14 10:29	
Heptachlor	mg/kg	0.000039U	0.0017	08/15/14 10:29	
Heptachlor epoxide	mg/kg	0.00011U	0.0017	08/15/14 10:29	
Methoxychlor	mg/kg	0.0010U	0.0017	08/15/14 10:29	
Toxaphene	mg/kg	0.0073U	0.017	08/15/14 10:29	
Decachlorobiphenyl (S)	%	87	10-130	08/15/14 10:29	
Tetrachloro-m-xylene (S)	%	89	53-130	08/15/14 10:29	

LABORATORY CONTROL SAMPLE: 978309

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4,4'-DDD	mg/kg	.017	0.016	98	64-132	
4,4'-DDE	mg/kg	.017	0.016	97	58-138	
4,4'-DDT	mg/kg	.017	0.014	82	65-130	
Aldrin	mg/kg	.017	0.015	88	64-130	
alpha-BHC	mg/kg	.017	0.013	80	67-130	
beta-BHC	mg/kg	.017	0.014	85	67-130	
delta-BHC	mg/kg	.017	0.013	78	50-130	
Dieldrin	mg/kg	.017	0.015	87	65-130	
Endosulfan I	mg/kg	.017	0.016	96	67-130	
Endosulfan II	mg/kg	.017	0.016	96	66-130	
Endosulfan sulfate	mg/kg	.017	0.016	97	61-134	
Endrin	mg/kg	.017	0.015	92	65-132	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Little Cameron Ranch
Pace Project No.: 35149454

LABORATORY CONTROL SAMPLE: 978309

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Endrin aldehyde	mg/kg	.017	0.016	95	53-133	
Endrin ketone	mg/kg	.017	0.017	99	64-130	
gamma-BHC (Lindane)	mg/kg	.017	0.014	86	65-131	
Heptachlor	mg/kg	.017	0.014	86	65-130	
Heptachlor epoxide	mg/kg	.017	0.014	86	66-130	
Methoxychlor	mg/kg	.017	0.015	89	58-144	
Decachlorobiphenyl (S)	%			87	10-130	
Tetrachloro-m-xylene (S)	%			86	53-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 979258 979259

Parameter	Units	35149834006		MS	MSD	MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec					
4,4'-DDD	mg/kg	0.18U ug/kg	.023	.023	0.022	0.023	96	102	64-132	6	40		
4,4'-DDE	mg/kg	0.083U ug/kg	.023	.023	0.022	0.023	96	101	58-138	6	40		
4,4'-DDT	mg/kg	0.13U ug/kg	.023	.023	0.019	0.020	84	89	65-130	6	40		
Aldrin	mg/kg	0.079U ug/kg	.023	.023	0.019	0.020	86	90	64-130	4	40		
alpha-BHC	mg/kg	0.094U ug/kg	.023	.023	0.018	0.018	79	82	67-130	4	40		
beta-BHC	mg/kg	0.10U ug/kg	.023	.023	0.019	0.020	83	87	67-130	4	40		
delta-BHC	mg/kg	0.12U ug/kg	.023	.023	0.017	0.018	76	80	50-130	5	40		
Dieldrin	mg/kg	0.054 U ug/kg	.023	.023	0.020	0.021	88	92	65-130	5	40		
Endosulfan I	mg/kg	0.034U ug/kg	.023	.023	0.021	0.022	94	98	67-130	5	40		
Endosulfan II	mg/kg	0.077U ug/kg	.023	.023	0.021	0.022	93	98	66-130	6	40		
Endosulfan sulfate	mg/kg	0.29 U ug/kg	.023	.023	0.021	0.023	94	99	61-134	6	40		
Endrin	mg/kg	0.071U ug/kg	.023	.023	0.021	0.022	92	97	65-132	5	40		
Endrin aldehyde	mg/kg	0.37 U ug/kg	.023	.023	0.019	0.021	83	90	53-133	8	40		
Endrin ketone	mg/kg	0.11U ug/kg	.023	.023	0.021	0.023	95	100	64-130	5	40		
gamma-BHC (Lindane)	mg/kg	0.20U ug/kg	.023	.023	0.019	0.020	85	87	65-131	3	40		
Heptachlor	mg/kg	0.053U ug/kg	.023	.023	0.019	0.020	85	88	65-130	4	40		
Heptachlor epoxide	mg/kg	0.15U ug/kg	.023	.023	0.019	0.020	85	89	66-130	5	40		
Methoxychlor	mg/kg	1.4U ug/kg	.023	.023	0.021	0.022	91	96	58-144	5	40		
Decachlorobiphenyl (S)	%						88	92	10-130				

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QUALITY CONTROL DATA

Project: Little Cameron Ranch

Pace Project No.: 35149454

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		979258		979259									
Parameter	Units	35149834006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
Tetrachloro-m-xylene (S)	%						90	92	53-130				

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QUALITY CONTROL DATA

Project: Little Cameron Ranch
Pace Project No.: 35149454

QC Batch: OEXT/18474 Analysis Method: EPA 8081
QC Batch Method: EPA 3510 Analysis Description: 8081 GCS Pesticides
Associated Lab Samples: 35149454007, 35149454012

METHOD BLANK: 977044 Matrix: Water
Associated Lab Samples: 35149454007, 35149454012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
4,4'-DDD	ug/L	0.0089U	0.010	08/13/14 10:40	
4,4'-DDE	ug/L	0.0050U	0.010	08/13/14 10:40	
4,4'-DDT	ug/L	0.0050U	0.010	08/13/14 10:40	
Aldrin	ug/L	0.0060U	0.010	08/13/14 10:40	
alpha-BHC	ug/L	0.0021U	0.010	08/13/14 10:40	
beta-BHC	ug/L	0.0080U	0.010	08/13/14 10:40	
Chlordane (Technical)	ug/L	0.087U	0.50	08/12/14 22:50	
delta-BHC	ug/L	0.0048U	0.010	08/13/14 10:40	
Dieldrin	ug/L	0.0041U	0.010	08/13/14 10:40	
Endosulfan I	ug/L	0.0051U	0.010	08/13/14 10:40	
Endosulfan II	ug/L	0.0040U	0.010	08/13/14 10:40	
Endosulfan sulfate	ug/L	0.0062U	0.10	08/13/14 10:40	
Endrin	ug/L	0.0043U	0.010	08/13/14 10:40	
Endrin aldehyde	ug/L	0.0036U	0.10	08/13/14 10:40	
Endrin ketone	ug/L	0.0050U	0.010	08/13/14 10:40	
gamma-BHC (Lindane)	ug/L	0.0022U	0.010	08/13/14 10:40	
Heptachlor	ug/L	0.0062U	0.010	08/13/14 10:40	
Heptachlor epoxide	ug/L	0.0052U	0.010	08/13/14 10:40	
Methoxychlor	ug/L	0.0096U	0.010	08/13/14 10:40	
Toxaphene	ug/L	0.25U	0.50	08/12/14 22:50	
Decachlorobiphenyl (S)	%	96	10-130	08/13/14 10:40	
Tetrachloro-m-xylene (S)	%	58	53-130	08/13/14 10:40	

LABORATORY CONTROL SAMPLE & LCSD: 977045 977344

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
4,4'-DDD	ug/L	.5	0.49	0.38	99	76	65-133	26	40	
4,4'-DDE	ug/L	.5	0.45	0.37	91	73	63-138	21	40	
4,4'-DDT	ug/L	.5	0.37	0.37	75	73	44-154	3	40	
Aldrin	ug/L	.5	0.30	0.22	61	43	50-130	33	40	J(L0)
alpha-BHC	ug/L	.5	0.40	0.29	80	58	44-130	32	40	
beta-BHC	ug/L	.5	0.41	0.33	82	66	65-130	21	40	
delta-BHC	ug/L	.5	0.42	0.33	84	66	10-140	24	40	
Dieldrin	ug/L	.5	0.43	0.36	87	72	63-130	19	40	
Endosulfan I	ug/L	.5	0.46	0.37	92	75	65-130	21	40	
Endosulfan II	ug/L	.5	0.45	0.38	91	75	67-131	19	40	
Endosulfan sulfate	ug/L	.5	0.48	0.40	97	80	43-134	19	40	
Endrin	ug/L	.5	0.46	0.38	92	76	62-133	19	40	
Endrin aldehyde	ug/L	.5	0.49	0.38	99	76	59-135	27	40	
Endrin ketone	ug/L	.5	0.51	0.42	102	83	63-143	21	40	

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QUALITY CONTROL DATA

Project: Little Cameron Ranch

Pace Project No.: 35149454

LABORATORY CONTROL SAMPLE & LCSD: 977045		977344									
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers	
gamma-BHC (Lindane)	ug/L	.5	0.41	0.31	82	61	51-130	28	40		
Heptachlor	ug/L	.5	0.34	0.27	69	53	55-130	26	40	J(L0)	
Heptachlor epoxide	ug/L	.5	0.42	0.34	84	69	65-130	21	40		
Methoxychlor	ug/L	.5	0.42	0.40	84	79	47-156	6	40		
Decachlorobiphenyl (S)	%				85	72	10-130				
Tetrachloro-m-xylene (S)	%				64	40	53-130			J(S0)	

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QUALITY CONTROL DATA

Project: Little Cameron Ranch
Pace Project No.: 35149454

QC Batch: OEXT/18493 Analysis Method: EPA 8141
QC Batch Method: EPA 3510 Analysis Description: 8141 GCS, O/P Pesticides
Associated Lab Samples: 35149454012

METHOD BLANK: 978327 Matrix: Water
Associated Lab Samples: 35149454012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Atrazine	ug/L	0.68U	1.5	08/14/14 15:21	
Azinphos, methyl (Guthion)	ug/L	0.27U	0.50	08/14/14 15:21	
Carbophenothion (Trithion)	ug/L	0.23U	0.50	08/14/14 15:21	
Chlorpyrifos	ug/L	0.24U	0.50	08/14/14 15:21	
Coumaphos	ug/L	0.26U	0.50	08/14/14 15:21	
Diazinon	ug/L	0.26U	0.50	08/14/14 15:21	
Dichlorvos	ug/L	0.20U	0.50	08/14/14 15:21	
Dimethoate	ug/L	0.24U	0.50	08/14/14 15:21	
Disulfoton	ug/L	0.26U	0.50	08/14/14 15:21	
Ethion	ug/L	0.27U	0.50	08/14/14 15:21	
Famphur	ug/L	0.29U	0.50	08/14/14 15:21	
Malathion	ug/L	0.27U	0.50	08/14/14 15:21	
Methyl parathion	ug/L	0.27U	0.50	08/14/14 15:21	
Mevinphos	ug/L	0.22U	0.50	08/14/14 15:21	
Monocrotophos	ug/L	0.15U	1.0	08/14/14 15:21	
Parathion (Ethyl parathion)	ug/L	0.47U	1.0	08/14/14 15:21	
Phorate	ug/L	0.42U	1.0	08/14/14 15:21	
Phosmet	ug/L	0.27U	0.50	08/14/14 15:21	
4-Chloro3nitrobenzotrifluoride	%	67	34.2-122	08/14/14 15:21	

LABORATORY CONTROL SAMPLE & LCSD: 978328

979129

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Atrazine	ug/L	6	5.9	5.9	98	98	17-173	.3	40	
Azinphos, methyl (Guthion)	ug/L	2	1.9	1.9	94	96	12-166	2	40	
Carbophenothion (Trithion)	ug/L	2	1.8	1.8	89	92	45-142	3	40	
Chlorpyrifos	ug/L	2	1.8	1.8	89	89	46-141	.1	40	
Coumaphos	ug/L	2	2.0	2.0	101	99	48-131	3	40	
Diazinon	ug/L	2	1.8	1.9	92	93	45-146	.8	40	
Dichlorvos	ug/L	2	1.5	1.6	77	81	17-171	6	40	
Dimethoate	ug/L	2	1.5	1.7	77	83	11-158	7	40	
Disulfoton	ug/L	2	1.9	1.9	95	95	41-134	.6	40	
Ethion	ug/L	2	1.8	1.8	88	91	42-141	3	40	
Famphur	ug/L	2	1.8	1.8	88	90	38-143	3	40	
Malathion	ug/L	2	1.9	1.9	95	95	43-154	.2	40	
Methyl parathion	ug/L	2	1.8	1.8	91	92	39-153	1	40	
Mevinphos	ug/L	2	2.1	2.1	103	103	34-135	.7	40	
Monocrotophos	ug/L	4	0.31 I	0.38 I	8	9	10-130		40	J(L0)
Parathion (Ethyl parathion)	ug/L	4	3.7	3.6	92	91	33-158	1	40	
Phorate	ug/L	4	3.7	3.7	94	92	33-158	2	40	

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QUALITY CONTROL DATA

Project: Little Cameron Ranch

Pace Project No.: 35149454

LABORATORY CONTROL SAMPLE & LCSD: 978328		979129									
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers	
Phosmet	ug/L	2	1.9	2.0	94	98	33-148	4	40		
4-Chloro3nitrobenzotrifluoride	%				66	69	34.2-122				

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QUALITY CONTROL DATA

Project: Little Cameron Ranch
Pace Project No.: 35149454

QC Batch: OEXT/18426 Analysis Method: EPA 8151
QC Batch Method: EPA 8151 Analysis Description: 8151A GCS Herbicides
Associated Lab Samples: 35149454012

METHOD BLANK: 974964 Matrix: Water
Associated Lab Samples: 35149454012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2,4,5-T	ug/L	0.042U	0.19	08/09/14 16:49	
2,4,5-TP (Silvex)	ug/L	0.049U	0.19	08/09/14 16:49	
2,4-D	ug/L	0.22U	0.94	08/09/14 16:49	
2,4-DB	ug/L	0.51U	1.9	08/09/14 16:49	
Bentazon	ug/L	0.016U	0.094	08/09/14 16:49	
Dalapon	ug/L	0.43U	0.91	08/09/14 16:49	
Dicamba	ug/L	0.030U	0.094	08/09/14 16:49	
Dinoseb	ug/L	0.057U	0.19	08/09/14 16:49	
Pentachlorophenol	ug/L	0.017U	0.028	08/09/14 16:49	
Picloram	ug/L	0.019U	0.094	08/09/14 16:49	
2,4-DCAA (S)	%	81	66-130	08/09/14 16:49	

LABORATORY CONTROL SAMPLE: 974965

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4,5-T	ug/L	1.2	1.3	109	46-137	
2,4,5-TP (Silvex)	ug/L	1.2	1.5	124	63-133	
2,4-D	ug/L	6	6.7	111	40-137	
2,4-DB	ug/L	12	13.9	116	70-130	
Bentazon	ug/L	.6	0.58	97	58-130	
Dalapon	ug/L	6	4.6	76	17-137	
Dicamba	ug/L	.6	0.70	117	43-130	
Dinoseb	ug/L	1.2	1.1	89	10-177	
Pentachlorophenol	ug/L	.18	0.22	121	70-144	
Picloram	ug/L	.6	0.64	107	10-147	
2,4-DCAA (S)	%			117	66-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 974966 974967

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		92212407001 Result	Spike Conc.	Spike Conc.	Result							Result
2,4,5-T	ug/L	ND	2.7	2.7	2.3	2.2	86	81	46-137	6	40	
2,4,5-TP (Silvex)	ug/L	ND	2.7	2.7	2.8	2.4	104	90	63-133	14	40	
2,4-D	ug/L	ND	13.3	13.3	12.6	11.9	94	89	40-137	5	40	
2,4-DB	ug/L	ND	26.7	26.7	25.1	23.8	94	89	70-130	5	40	
Bentazon	ug/L	ND	1.3	1.3	1.0	1.0	75	76	58-130	2	40	
Dalapon	ug/L	ND	13.3	13.3	10.0	9.4	75	71	17-137	6	40	
Dicamba	ug/L	ND	1.3	1.3	1.3	1.2	94	92	43-130	2	40	

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QUALITY CONTROL DATA

Project: Little Cameron Ranch

Pace Project No.: 35149454

Parameter	Units	92212407001		MS		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec							
Dinoseb	ug/L	ND	2.7	2.7	2.1	1.9	79	73	10-177	9	40				
Pentachlorophenol	ug/L	0.049	.4	.4	0.49	0.43	110	95	70-144	13	40				
Picloram	ug/L	ND	1.3	1.3	1.2	1.2	92	88	10-147	4	40				
2,4-DCAA (S)	%						92	87	66-130						

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QUALITY CONTROL DATA

Project: Little Cameron Ranch

Pace Project No.: 35149454

QC Batch: PMST/2666

Analysis Method: ASTM D2974-87

QC Batch Method: ASTM D2974-87

Analysis Description: Dry Weight/Percent Moisture

Associated Lab Samples: 35149454001, 35149454002, 35149454003, 35149454004, 35149454005, 35149454006, 35149454008, 35149454009, 35149454010, 35149454011

SAMPLE DUPLICATE: 979399

Parameter	Units	35149418001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	34.9	33.3	5	10	

SAMPLE DUPLICATE: 979400

Parameter	Units	35149418010 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	3.1	3.0	3	10	

SAMPLE DUPLICATE: 979401

Parameter	Units	35149454010 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	27.9	27.7	.7	10	

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QUALIFIERS

Project: Little Cameron Ranch

Pace Project No.: 35149454

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

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TNI - The NELAC Institute.

LABORATORIES

PASI-O Pace Analytical Services - Ormond Beach

ANALYTE QUALIFIERS

I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

J(L0) Estimated Value. Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

J(L2) Estimated Value. Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.

J(S0) Estimated Value. Surrogate recovery outside laboratory control limits.

P2 Re-extraction or re-analysis could not be performed due to insufficient sample amount.

S3 Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Little Cameron Ranch

Pace Project No.: 35149454

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
35149454001	SB-1 (0-0.5)	EPA 3546	OEXT/18490	EPA 8081	GCSV/12137
35149454002	SB-2 (0-0.5)	EPA 3546	OEXT/18490	EPA 8081	GCSV/12137
35149454003	SB-3-1.5	EPA 3546	OEXT/18490	EPA 8081	GCSV/12137
35149454004	SB-4-1	EPA 3546	OEXT/18490	EPA 8081	GCSV/12137
35149454005	SB-5-1	EPA 3546	OEXT/18490	EPA 8081	GCSV/12137
35149454006	SED-1	EPA 3546	OEXT/18490	EPA 8081	GCSV/12137
35149454008	CR-01	EPA 3546	OEXT/18490	EPA 8081	GCSV/12137
35149454009	CR-08	EPA 3546	OEXT/18490	EPA 8081	GCSV/12137
35149454010	CR-09	EPA 3546	OEXT/18490	EPA 8081	GCSV/12137
35149454011	CR-10	EPA 3546	OEXT/18490	EPA 8081	GCSV/12137
35149454007	SW-1	EPA 3510	OEXT/18474	EPA 8081	GCSV/12113
35149454012	TW-1	EPA 3510	OEXT/18474	EPA 8081	GCSV/12113
35149454012	TW-1	EPA 3510	OEXT/18493	EPA 8141	GCSV/12129
35149454012	TW-1	EPA 8151	OEXT/18426	EPA 8151	GCSV/12086
35149454001	SB-1 (0-0.5)	EPA 3050	MPRP/20062	EPA 6010	ICP/12336
35149454002	SB-2 (0-0.5)	EPA 3050	MPRP/20062	EPA 6010	ICP/12336
35149454003	SB-3-1.5	EPA 3050	MPRP/20062	EPA 6010	ICP/12336
35149454004	SB-4-1	EPA 3050	MPRP/20062	EPA 6010	ICP/12336
35149454005	SB-5-1	EPA 3050	MPRP/20062	EPA 6010	ICP/12336
35149454006	SED-1	EPA 3050	MPRP/20062	EPA 6010	ICP/12336
35149454008	CR-01	EPA 3050	MPRP/20062	EPA 6010	ICP/12336
35149454009	CR-08	EPA 3050	MPRP/20062	EPA 6010	ICP/12336
35149454010	CR-09	EPA 3050	MPRP/20062	EPA 6010	ICP/12336
35149454011	CR-10	EPA 3050	MPRP/20062	EPA 6010	ICP/12336
35149454007	SW-1	EPA 3010	MPRP/19992	EPA 6010	ICP/12296
35149454012	TW-1	EPA 3010	MPRP/19992	EPA 6010	ICP/12296
35149454001	SB-1 (0-0.5)	ASTM D2974-87	PMST/2666		
35149454002	SB-2 (0-0.5)	ASTM D2974-87	PMST/2666		
35149454003	SB-3-1.5	ASTM D2974-87	PMST/2666		
35149454004	SB-4-1	ASTM D2974-87	PMST/2666		
35149454005	SB-5-1	ASTM D2974-87	PMST/2666		
35149454006	SED-1	ASTM D2974-87	PMST/2666		
35149454008	CR-01	ASTM D2974-87	PMST/2666		
35149454009	CR-08	ASTM D2974-87	PMST/2666		
35149454010	CR-09	ASTM D2974-87	PMST/2666		
35149454011	CR-10	ASTM D2974-87	PMST/2666		

REPORT OF LABORATORY ANALYSIS

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WO#: 35149454



Company: Aerostar SES

Address: 535 Cooper Commerce Dr, Seaside, Oregon 97138

Phone: 407-404-0832 Fax: 407-404-0832

Phone: (904) 396-6868 • Fax: (904) 396-3933

Analyses Requested

Form #: 62-770-900(2)
 Title: Chain of Custody Record
 Effective Date: September 23, 1997
 FDEP Facility No.: Little Cemenon
 Project Name: Kaneh
 Sampling CompQAP No.:
 Approval Date: / /
 REQUESTED DUE DATE: / /
 Remarks:
 Lab. No.:

Item No.	Field ID No.	Sampled Date	Sampled Time	Grab or Composit	Matrix (see codes)	Number of Containers
1	Sb-1 (0-0.5)	8/14	1050	G	SO	1
2	Sb-2 (0-0.5)		1100			
3	Sb-3-1.5		1115			
4	Sb-4-1		1120			
5	Sb-5-1		1128			
6	SED-1	9/14	1200	G	SE	1
7	SW-1		1201	G	SW	2
				Total Number of Containers → 8		

Item No.	Relinquished by / Affiliation	Date	Time	Accepted by / Affiliation	Date	Time
1-7	Sulho/ATS	8/14	1440	CP	8/17	1440
				Platt	8/14	09100
← Preservatives (see codes)						

Shipment Method: Total Number of Containers → 8

Out: / / Via: / /

Returned: / / Via: / /

Additional Comments:

Equipment ID No. _____

Sampling Kit No. _____

Cooler No. (s) / Temperature(s) (°C) 0.8

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATIVE CODES: H = Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice

Chain of Custody Record

Company: Amstar JES
 Address: See Pg 1
 Phone: See Pg 1
 Fax: _____
 Project Manager: See Pg 1
 IntraLabs, Inc.
 Address: 1909 Southampton Road
 Jacksonville, FL 32207
 Phone: (904) 396-6868 • Fax: (904) 396-3933

DEP Form #: 62-770-90002
 Form Title: Chain of Custody Record
 Effective Date: September 23, 1997
 FDEP Facility No.: Vitre Cameron
 Project Name: Ranch
 Sampling CompQAP No.: _____
 Approval Date: _____
 REQUESTED DUE DATE: _____ / ____ / ____
 Remarks: _____
 Lab. No.: _____

Item No.	Field ID No.	Sampled		Grab or Composit	Matrix (see codes)	Number of Containers	Analyses Requested									
		Date	Time				8101 AS	8141	8151	8102 AS	8103 AS	8104 AS	8105 AS			
8	CR-01	8/7/14	1103	G	SO	1	X									
9	CR-08	8/6/14	1315			1	X									
10	CR-09	8/7/14	1039			1	X									
11	CR-10	8/6/14	1230			1	X									
12	TW-1	8/7/14	0941		GW	5	X									
Total Number of Containers →							9									

Shipment Method		Total Number of Containers →		Preservatives (see codes)	
Out:	Via:	Item No.	Relinquished by / Affiliation	Date	Time
/	/	172	See 150AES	8/7/14	1440
/	/			8/7/14	04:00

Additional Comments: _____
 Cooler No. (s) / Temperature(s) (°C): 0.8
 Sampling Kit No.: _____
 Equipment ID No.: _____
 MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)
 PRESERVATIVE CODES: H = Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = (specify)

Sample Condition Upon Receipt Form (SCUR) Table Number: _____

Client Name: IN/AJX Project # 35149454

Courier: Fed Ex UPS USPS Client Commercial Pace Other _____

Tracking # _____
 Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Date and Initials of person examining contents: JP 8/8/14 04:00

Packing Material: Bubble Wrap Bubble Bags None Other _____
 Thermometer Used _____ Type of Ice: Wet Blue None

Cooler Temperature °C 3.5 (Visual) -0.1 (Correction Factor) -3.4 (Actual)

(Temp should be above freezing to 6°C). If below 0°C, then was sample frozen?
 Yes No

Receipt of samples satisfactory: Yes No

Rush TAT requested on COC: _____

If yes, then all conditions below were met: _____ If no, then mark box & describe issue (use comments area if necessary): _____

Chain of Custody Present	<input type="checkbox"/>
Chain of Custody Filled Out	<input type="checkbox"/>
Relinquished Signature & Sampler Name COC	<input type="checkbox"/>
Samples Arrived within Hold Time	<input type="checkbox"/>
Sufficient Volume	<input type="checkbox"/>
Correct Containers Used	<input type="checkbox"/>
Containers Intact	<input type="checkbox"/>
Sample Labels match COC (sample IDs & date/time of collection)	<input type="checkbox"/>
	No Labels: <input type="checkbox"/> No Time/Date on Labels: <input type="checkbox"/>
All containers needing preservation are found to be in compliance with EPA recommendation.	<input type="checkbox"/>
No Headspace in VOA Vials (>6mm):	<input type="checkbox"/>

Client Notification/ Resolution: Person Contacted: _____ Date/Time: _____

Comments/ Resolution (use back for additional comments): _____

Project Manager Review: _____ Date: _____

Finished Product Information Only

F.P. Sample ID: _____

Production Code: _____

Date/Time Opened: _____

Number of Unopened Bottles Remaining: _____

Size & Qty of Bottles Received

- _____ x 5 Gal
- _____ x 2.5 Gal
- _____ x 1 Gal
- _____ x 1 Liter
- _____ x 500 mL
- _____ x 250 mL
- _____ x Other: _____

Extra Sample in Shed: Yes No