

Aquatic Ecosystem Restoration for Gulf Intracoastal Waterway

Engineering Appendix A FINAL

Beneficial Use of Dredged Material

Section 204

**Goose Island State Park
Aransas County, Texas**

March 2024



**US Army Corps
of Engineers®**
Galveston District

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1.0 Study Authority

The Galveston Intracoastal Waterway (GIWW) Beneficial Use of Dredged Material (BUDM) Study was conducted under the authority of Section 204 of the Water Resources Development Act of 1992, as amended and administered under the United States Army Corps of Engineers (USACE) Continuing Authorities Program (CAP).

1.1 Project Location and Purpose

This project is located within the Galveston and Aransas Counties, Texas. The GIWW is a section of the Intracoastal Waterway located along the Gulf Coast of the United States. It is an inland waterway stretching approximately 1,100 miles from St. Marks, Florida to Brownsville, Texas. In Texas, the main channel of the GIWW extends 379 miles along the coastline from the Sabine River at the Louisiana border to Brownsville, Texas.

The purpose of this study is to develop a TSP for the BUDM to restore and create healthy marshes and habitat along the GIWW. Texas coastal habitats along the GIWW are at risk for erosion. The Engineering Appendix documents the evaluations and design analysis in recommending a restoration plan.

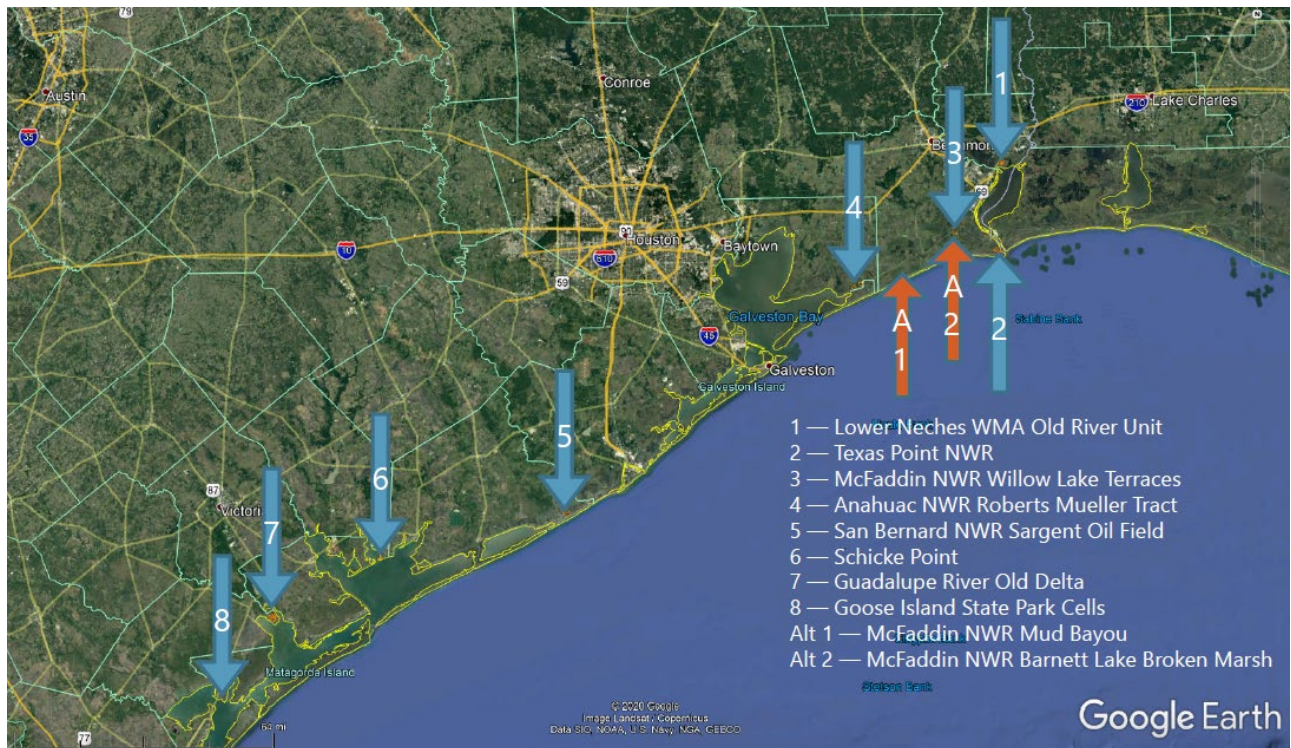


Figure 1.1 Location of Selected Sites

1.2 Existing Placement Site Locations

During preliminary investigations, the GLO identified ten existing locations along the GIWW for potential placement of dredge material.

Lower Neches WMA (Wildlife Management Area) Old River Unit has a project size of 224 acres and located in the wildlife refuge in Bridge City, Texas.

Texas Point NWR (National Wildlife Refuge) has a project size of 623 acres and is located on the upper Texas Coast near the Louisiana border in Sabine Pass, Texas.

McFaddin NWR (National Wildlife Refuge) Willow Lake Terraces has a project size of 218 acres and located in Sabine Pass Texas.

Anahuac NWR (National Wildlife Refuge) Roberts Mueller Tract has a project size of 552 acres and located in Anahuac, Texas.

San Bernard NWR (National Wildlife Refuge) Sargent Oil Field has a project size of 202 acres and located in Brazoria, Texas.

Schicke Point has a project size of 116 acres and located in Schicke Point, Texas.

Guadalupe River Old Delta has a project size of 1,085 acres and is located between Hynes Bay and Guadalupe Bay.

Goose Island State Park has a project size of 23 acres and located in Rockport, Texas.

Alt 1 McFaddin NWR (National Wildlife Refuge) Mud Bayou is located in Sabine Pass, Texas.

Alt 2 McFaddin NWR (National Wildlife Refuge) Barnett Lake Broken Marsh is located in Sabine Pass, Texas.

1.3 Proposed Sites Investigated

The No Action Plan, also known as the future without project condition, would allow erosion to continue along the GIWW. From the ten potential site locations listed, three sites were not federally owned and were chosen for further screening with the Resource Agency representatives and the PDT. Those sites are Schicke Point, Guadalupe River Old Delta and Goose Island State Park. The remaining seven sites were screened out for ownership reasons such as federally owned lands with the WMA. These sites could possibly benefit from restoration, but ownership would present implementation risks. The three potential placement sites chosen for plan formulation proposed saline marsh creation with additional features to maximize beneficial use of dredge material. Each had comparable dredging constraints for environmental windows, booster pump needed for comparable piping distance, and variable potential O&M dredging volumes.

Schicke Point was screened out because of a lack of ecological benefits. It is currently accreting sediment and any additional placement could smother the growing marsh.

Guadalupe River Old Delta was screened out because of private land ownership constraints.

Goose Island State Park was the best and most viable site location and was selected for further study.

1.3.1 Selected Site with Alternatives

Goose Island State Park Alternatives— After selecting Goose Island as the most viable placement site, five alternatives were developed to achieve the study objective that place dredge material to create an elevation suitable for saline marsh creation and sustainability. These alternatives maximized the placement of available material with the existing breakwater, cells and channel.

The five alternatives proposed for Goose Island State Park are:

Alternative 3A – Saline marsh in existing cells

Alternative 3B – Saline marsh in existing cells and living shoreline

Alternative 3C – Saline marsh in existing cells, addition of new low and high emergent marsh cells

Alternative 3D – Saline marsh in existing cells, addition of new low and high emergent marsh cells

Alternative 3E – Saline marsh in existing cells, addition of new low and high emergent marsh cells and living shoreline

The five alternative plans for Goose Island State Park are discussed in more detail in the H&H Section 2.0.

After the Cost Effectiveness Incremental Cost Analysis was completed for the five alternatives, Alternative 3D was identified as the Best Buy Plan. Alternative 3D is the TSP, the recommended Plan.

The available borrow source for the TSP is 500,000 CYs and is dredged from the Matagorda Bay to Corpus Christi Bay Reach between Sta 1160+000 and Sta 1225+000. Dredging occurs in this reach approximately every two years. The next contract would take place in the fiscal year 2024 depending on channel shoaling. The FWOP Condition would mean the sediment would continue to be placed in upland disposal PA No. 131 and open water PA Nos. 132 through 136.

2.0 H&H Section - Introduction

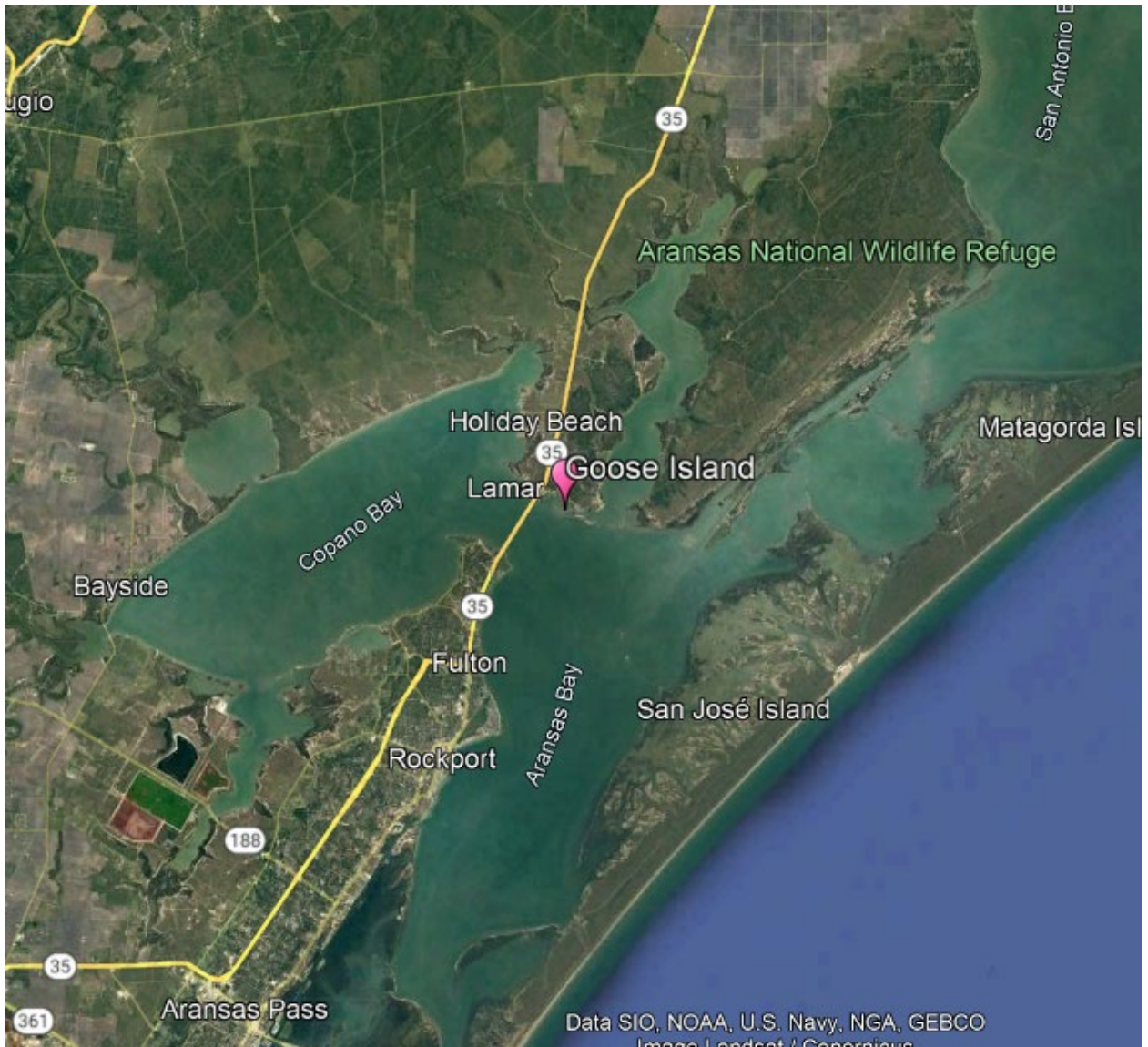


Figure 2.1 Regional Map



Figure 2.2 Area Map

The focus of this feasibility study is to investigate the options around placing O&M material in Goose Island to build up marsh and create future capacity for the surrounding O&M placement areas for the GIWW and other federally maintained channels surrounding Goose Island.

2.1 Background

In 2005 the Texas Parks and Wildlife (TPW) constructed a stone breakwater in front of Goose Island to attenuate wave energy to aid in the preservation of the island. In addition to that TPW also constructed two earthen ring dikes as future placement areas and marsh creation. This has generally performed well. There are currently three FWP alternatives being considered as well as the FWOP alternative. At the beginning another alternative (3E) which includes saline marsh in existing cells and addition of new low and high emergent marsh cells and living shoreline was considered. But it was removed from consideration once it was realized that there were seagrass impacts which would require mitigation. As we don't do ER projects that require mitigation, only four alternatives are carried forward.

2.2 Assumptions

Because a GIS layer for the survey was not available, it was assumed that each of the contour's edges were vertical. While this is unrealistic the differences in quantities will not be drastically different since the contours range between 0.3ft and 1.2ft in depth.

It was assumed that the maximum wave height that the containment dike would experience would be depth limited since there was not available AIS data for the vessels that utilize the channel adjacent to Goose Island.

2.3 Design Criteria

The design/alternative that is chosen needs to be able to accommodate the estimated amount of dredge sediment and needs to have the ability for future dredge sediment placement. Depending on the type of dredge sediment, and the placement method this loss can be between 30 and 50 percent. Alternative needs to be able to have substantial ecological benefits as well which means creation of marshes, living shorelines or upland habitat.

2.4 Analysis and Design

2.4.1 Bathymetry

For the Bathymetry, NOAA nav charts was utilized. While this is not optimal, it was the only method that was available to us until this project is authorized and funded. In future, more advanced surveys of the area will be done and the analysis and quantities will be further refined to better define the final design and quantities.

2.4.2 Relative Sea Level Rise (RSL)

RSL and water surface elevations throughout the life of the project were calculated using the USACE RSL calculator (https://cwbi-app.sec.usace.army.mil/rccslc/slcc_calc.html) using the closest active tide gage located at the Rockport TX. We assumed a 50-year life span with a project start date of 2023, and a mid-point epoch of 1992.

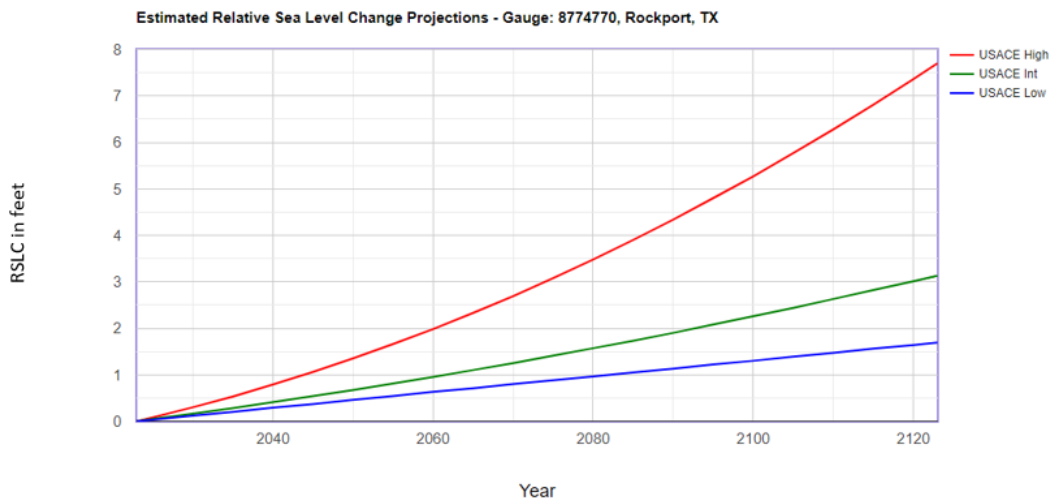


Figure 2.3: Estimated Relative Sea Level Change Graph (Rockport Gauge)

Estimated Relative Sea Level Change
 from 2023 To 2123
 8774770, Rockport, TX
 NOAA's 2006 Published Rate: 0.01693 feet/yr
 All values are expressed in feet
 Gauge Status: Compliant

Year	USACE Low	USACE Int	USACE High
2023	0.00	0.00	0.00
2025	0.03	0.05	0.08
2030	0.12	0.16	0.30
2035	0.20	0.28	0.53
2040	0.29	0.41	0.79
2045	0.37	0.54	1.06
2050	0.46	0.67	1.35
2055	0.54	0.81	1.66
2060	0.63	0.95	1.98
2065	0.71	1.10	2.33
2070	0.80	1.25	2.69
2075	0.88	1.41	3.08
2080	0.96	1.57	3.48
2085	1.05	1.73	3.90
2090	1.13	1.90	4.34
2095	1.22	2.08	4.80
2100	1.30	2.26	5.27
2105	1.39	2.44	5.77
2110	1.47	2.63	6.28
2115	1.56	2.82	6.81
2120	1.64	3.01	7.36
2123	1.69	3.13	7.70

Figure 2.4 Estimated Relative Sea Level Change Table (Rockport Gauge)

Figure 2.4 has been presented by taking into account the sea level rise from the mid-year epoch 1992 and moving the data to now create a new 0 at 2023. Using the USACE intermediate curve the estimated sea level rise is 1.35 feet in 50 years. At this point 1.35 ft is not something we are concerned with due to the nature of the design and the purpose of the project, but has been considered for dike crest height determination. During the PED phase, the USACE will continue to refine the engineering design to promote broader resilience, improve climate preparedness, and reduce vulnerabilities through adaptation to climate change. It is relatively easy to adapt the marsh cells to sea level change. Additional sediment can be included to offset losses from sea level rise. The containment dike elevation will need to be raised in response to sea level rise to maintain the design performance. As a rule of thumb, it is recommended that the crest elevation be increased in 1-foot increments in the future to accommodate sea level rise.

2.4.3 Winds

USACE Wave Information Study (WIS) was considered to verify the primary direction of winds. WIS station 73042 showed (Figure 3.3 and 3.4) an average windspeed of 7.38 knots in from 157.5 and 135 degrees (south east).

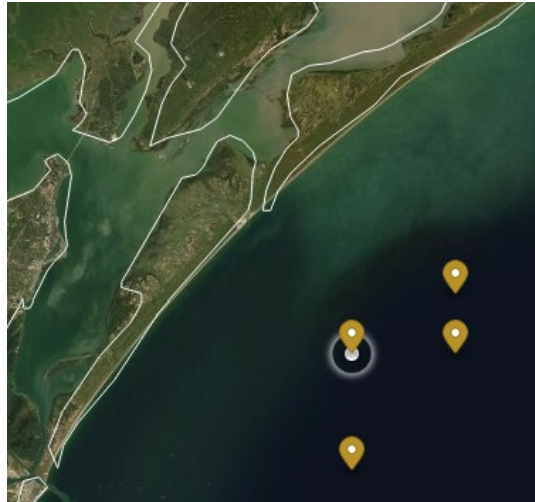


Figure 2.5 WIS Information Station

WIS Gulf of Mexico Hindcast: 73042
1980-01-01T01:00:00Z - 2020-01-01T00:00:00Z
Loc: -96.75° / 27.95° Depth: 19.0 [m]
Total Obs: 344736

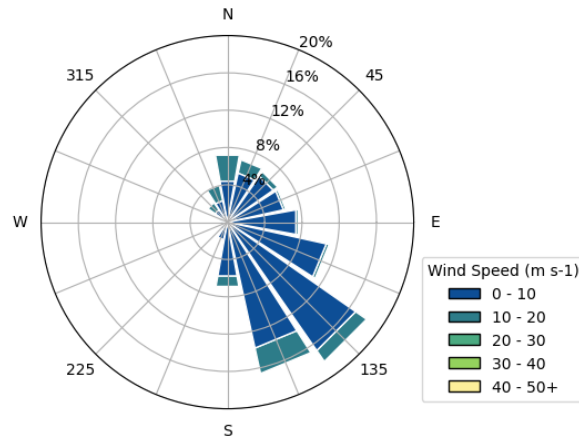


Figure 2.6 Wind Rose for WIS Station 73042

2.4.4 Ship Induced Waves

The only channel nearby is a small private channel for the local residents. Because these vessels are not commercial vessels AIS data is nonexistent. Therefore, it is assumed the maximum ship induced wave at high tide with a breaking criteria of .78 would be the design wave. The result of that maximum possible ship induced wave is 1.8ft.

2.4.5 Design Winds

The design wind was identified by consulting the ASCE 7 Hazard Tool (<https://asce7hazardtool.online/>). The 10-year 3-second gusts, 50-year 3-second gusts and 100-year 3-second gusts all at 33-ft were identified to be 79 mph, 114 mph, and 125 mph (respectively) for Exposure C Category II.

However, the only area that is not already protected by a breakwater has a fetch of only a few hundred feet and will not see any significant waves. The area on the south side of the PA does have a fetch in the primary direction of wind of 6 miles, but this area already has a constructed breakwater that has been in place for approximately 20 years and has showed no signs of failure. Therefore, there is no intention to redesign a structure that has 2 decades of acceptable performance history.

2.4.6 Coastal Texas Modeling Waves

Modeling results from the Coastal Texas study (CTX) were gathered for wave height and water surface elevation for the 1, 2, 5, 10, and 50 year return periods for the point at 28.131232°, -96.992759°. Figure 2.7 shows the nearby CTX station (14509, next to inset table) and significant wave heights with return periods at 95% confidence level. As the project area is very shallow and in a sheltered location, 50-year wave height is depth limited (0.75 ft)

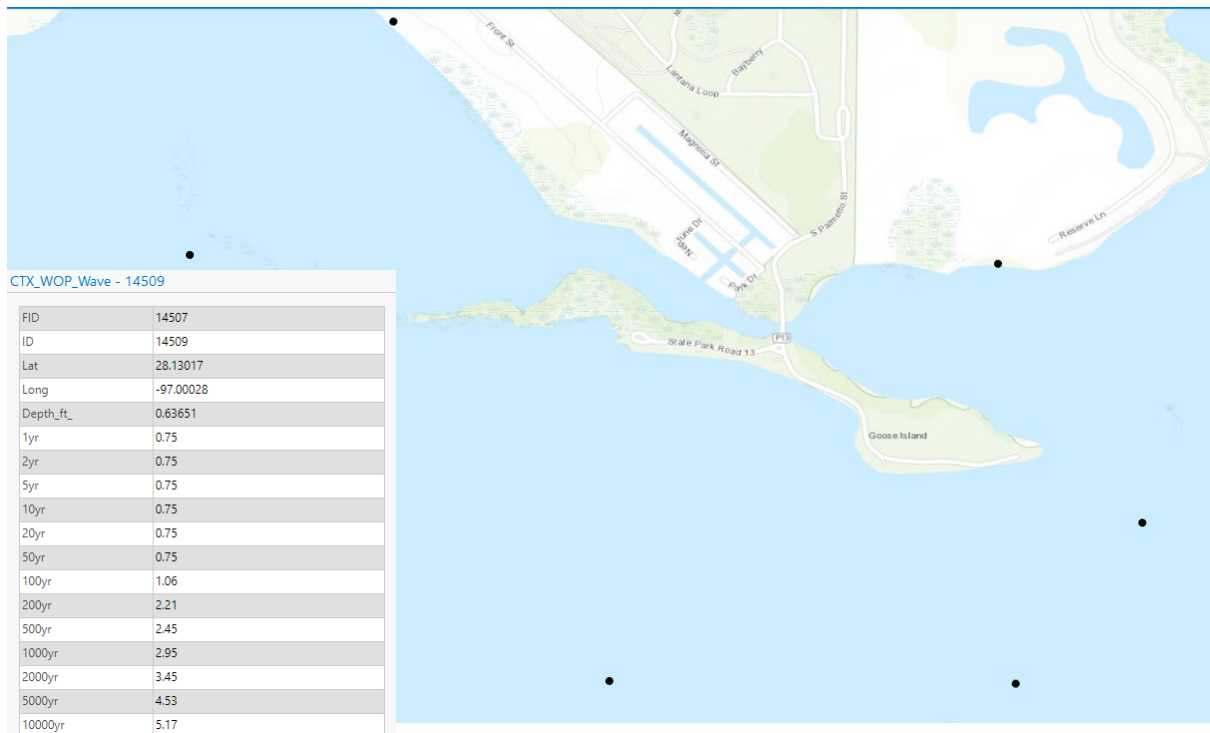


Figure 2.7: CTX station and significant wave heights (in. ft) with return periods at 95% confidence level

2.5 Design Summary

2.5.1 Alternative 3a (FWOP Condition)

Target emergent marsh elevations for the 23 acres (cell 1 and 2) range between 0.6 and 0.8 foot NAVD88 but may be up to 1 foot NAVD88 for final elevations. This alternative will likely result in left over material, but we would like to present it that way to argue for more restoration in the subsequent alternatives.



Figure 2.8 Alternative 3a Map

2.5.2 FWP Alternatives

2.5.2.1 Alternative 3b

This alternative seeks the same emergent marsh elevations for Cells 1 and 2 as described in Alternative 3a but will include a living shoreline that would begin at the containment dike and slope outwards from the marsh. The living shoreline should meet the marsh elevation at the dike and should not exceed 1 foot NAVD88 elevation. The size and extent of the living shoreline will be dependent on the material available after placing dredge in cells 1 & 2. Living shoreline will be 20 ft crest with 1:20 slope and roughly 80 ft wide which will be optimized after detailed surveys are conducted. Typical sections are developed and shown in Figure 2.13.



Figure 2.9 Alternative 3b Map

2.5.2.2 Alternative 3c

This alternative seeks the same emergent marsh elevations for Cells 1 and 2 as described in Alternative 3a, with a possible 5 acre and 1.5-acre upland area on the south side of cells 1 and 2 and will include two additional cells north of Cell 1 and 2. The additional cells to the north would be 9.5 and 6.5 acres and would be constructed to an elevation of 0.8 ft. This would require constructing a containment dike, using material sourced from the project area gradual slope to the lower elevation marsh shall also be provided. The containment dike will be 6 ft crest width at +3.5 NAVD 88 with a 5:1 slope on both sides of the dike with a depth of toe at -2 ft MLLW(-1.07 NAVD 88). Existing dike also will be raised by 1 ft from its current elevation (+2.5 ft NAVD 88) due to future sea level rise and settlement.



Figure 2.10 Alternative 3c Map

2.5.2.3 Alternative 3d

This alternative seeks the same emergent marsh elevations for Cells 1 and 2 as described in Alternative 3a and will include new cells north of the current ones as described in Alternative 3C, but will place at higher elevation in the new cells and emergent marsh in adjacent areas. The total habitat acreage would be similar to that described in Alternative 3c. This would require constructing a containment dike, using material sourced from the project area, to encompass a 16-acre area. Parts of this area (3.7 + 2.5 acres) would be at a higher elevation than Alternative 3c. The target elevation provided by TPW for the higher elevation marsh (uplands, yellow shaded area) is 1.5-2.0 feet, but the depth may be dependent on available dredge material. The containment dike will be 6 ft crest width at +3.5 NAVD 88 with a 5:1 slope on both sides of the dike with a depth at toe of -2 Ft MLLW (-1.07 NAVD 88). Existing dike also will be raised by 1 ft from its current elevation due to future sea level rise and settlement.



Figure 2.11 Alternative 3d Map

2.6 Quantities

2.6.1 Alternative 3a

Alternative 3a would simply be a placement of material not to exceed 1.0ft NAVD88 within the current containment dike. The quantity for this would require 52,500 cubic yards of material, with losses, bulking and settlement. This alternative needs to raise the existing dike of 7220 ft to raise 1 ft extra with a volume needs 13700 CY. This quantity was calculated by taking the area of each contour interval and multiplying it by the depth of material for each contour interval (contour intervals vary). After a total volume per contour interval was calculated, the value was then added to each subsequent volume below for a total volume of material that can be placed. While this is not the optimal method of calculating the total volume, due to unavailability of

detailed survey, the quantity should be good enough for a rough order magnitude of cost estimate for now. Table 2.1 shows the quantity.

Table 2.1

Dredge material quantity (CY)	Containment Dike construction/raising (LF)	Containment Dike construction/raising (CY)
52,500	7,220	13,700

2.6.2 Alternative 3b

Alternative 3b would be a creation of a living shoreline next to the existing containment dike. The living shoreline design would be dependent on available material but for quantity calculations a 80ft living shoreline from the centerline of the existing containment dike to the toe of the new shoreline was considered.



Figure 2.12 Alternative 3b with Defined extent of Living Shoreline

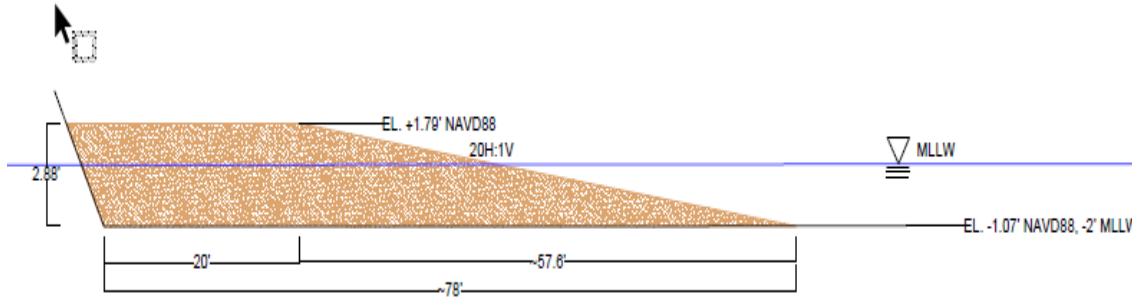


Figure 2.13 Living Shoreline Cross Section

The quantity calculations were split up in two sections (Breakwater side and channel side). The quantities for the breakwater side are not to be overestimated since it assumes a uniform containment dike which is not the case on the channel side. This alternative will require 82,500 cubic yards of sediment. Table below (2.2) depicts the total sediment needs. This alternative will need to raise the existing dike of 7,220 ft to raise 1 ft extra with a volume needs 13,700 CY.

Table 2.2 Alternative 3b Living Breakwater Quantities

Dredge material quantity (CY)	Containment Dike construction/raising (LF)	Containment Dike construction/raising (CY)
82,500	7,220	13,700

2.6.3 Alternative 3c

Alternative 3c utilizes a combined total of 6.5 acres upland habitat within the existing cells. This would require 193,000 cubic yards of material to build to a height of +2 NAVD88. Additional material can be used to grade the slope out to a smooth transition. Since detailed survey data were not available, areas per 1 ft contour were calculated using available lidar and bathymetric data from NOAA. Each quantity was then calculated and added to each subsequent quantity to determine total placed material quantity. If this plan moves forward, a more accurate quantity will be calculated using detailed engineered drawings and survey data.

In addition to the upland placement, 16-acre new marsh cells will be created at elevation 0.00 NAVD88. Note that the average depth across the new marsh cells is -2 ft MLLW (-1.07 NAVD88) using NOAA Navigational charts. The new marsh will also need a containment dike like the one constructed by TPW. This will be a 6 ft crest width at +3.5 NAVD 88 with a 5:1 slope on both sides of the dike with a depth at toe of -1.07 NAVD88 and a total lateral length of 2,721 ft. The containment dike would have a cross-sectional area of 128 square feet with material needs of 36,000 cubic yards considering settlement. Like Alternative 3B, this alternative needs to raise the existing dike of 7,220 ft to 1 ft extra with a volume needs of 13,700 CY. Table 2.3 shows the quantity needs for this alternative.

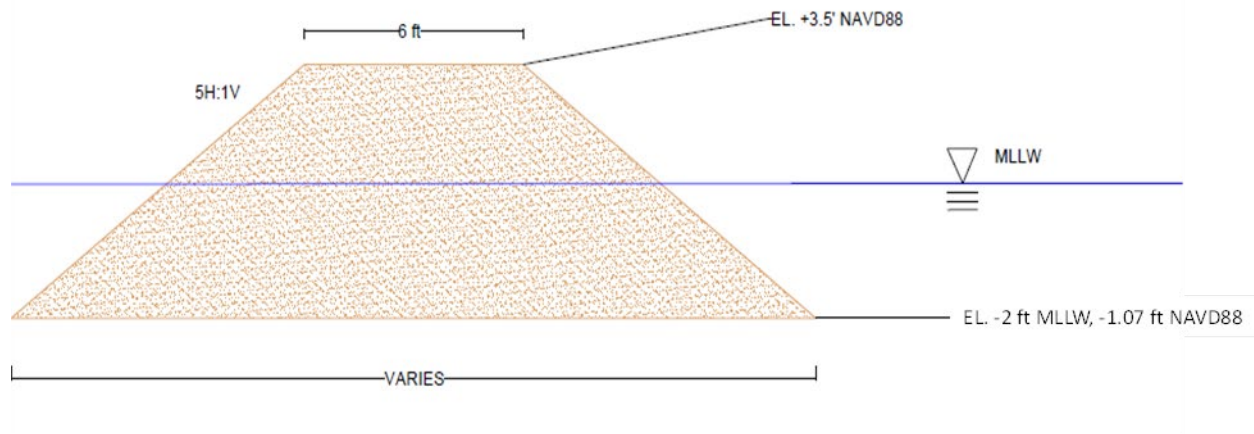


Figure 2.14 Alternative 3c and 3d Containment Dike X-Section

Table 2.3 Alternative 3c Quantities

Dredge material quantity (CY)	Containment Dike construction/raising (LF)	Containment Dike construction/raising (CY)
193,000	10,220	36,000

2.6.4 Alternative 3d

This alternative is similar to alternative 3C. This alternative seeks the same emergent marsh elevations for Cells 1 and 2 as described in Alternative 3a and will include new cells north of the current ones as described in Alternative 3C. The total acreage would be like that described in Alternative 3C. Parts of this area (3.7 +2.5 acres) would be at a higher elevation than Alternative 3c. The new marsh will also need a containment dike like the one constructed by TPW. This will be a 6 ft crest width at +3.5 NAVD 88 with a 5:1 slope on both sides of the dike with a depth of toe of at -1.07 NAVD88 and a total lateral length of 2,721 ft. The containment dike would have a cross-sectional area of 128 square feet with material needs of 36,000 cubic yards considering settlement. Like Alternative 3B, this alternative will need to raise the existing dike of 7,220 ft to 1 ft extra with a volume needs of 13,700 CY. Table 2.4 shows the quantity needs for this alternative.

Table 2.4 Alternative 3d Quantities

Dredge material quantity (CY)	Containment Dike construction/raising (LF)	Containment Dike construction/raising (CY)
196,500	10,220	36,000

2.7 Conclusion

Alternative 3d would be able to accommodate the most dredge material at (196,500 cubic yards of material) considering bulking, dredge losses, and settlement. Alternative 3c would be able to accommodate 193,000 cubic yards of dredge material considering bulking, settlement and losses. Alternative 3b would only allow for 82,500 cubic yards of dredge material to be utilized. while Alternative 3a would allow for 52,500 cubic yards of dredge material to be utilized. Table 2.5 summarizes quantities for all alternatives discussed above.

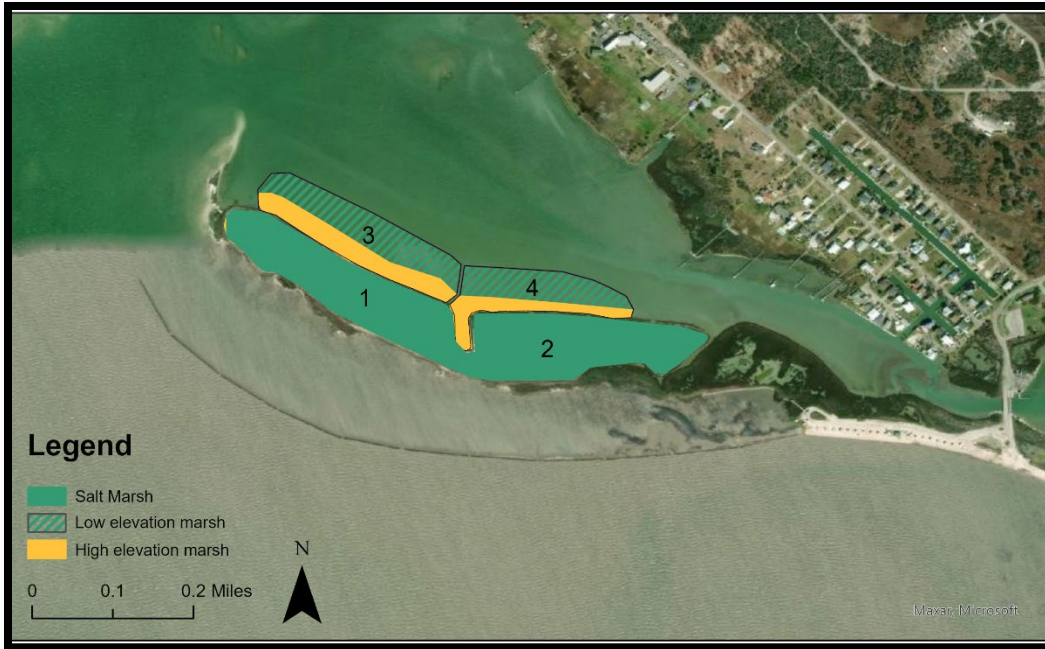
Table 2.5 – Summary of Quantities

Alternative	Dredge material quantity (CY)	Containment Dike construction/raising (LF)	Containment Dike construction/raising (CY)
3a	52,500	7,220	13,700
3b	82,500	7,220	13,700
3c	193,000	10,220	36,000
3d	196,500	10,220	36,000

All quantities accounts for the losses through the dredging and placement cycle. Based on previous studies for beach placement, it is reasonable to expect 25% -50% losses depending on the placement area and method of dredging. A 1.5 bulking factor and 1.3 settlement factor have been used after consultation with Geotech.

3.0 Geotechnical

The recommended plan (Alternative 3d) includes a restoration/raise of an existing 23-acre marsh (cells 1 and 2) to a target elevation between 0.6 and 0.8 feet NAVD88. The plan also includes construction of two new emergent marsh cells (cells 3 and 4) located the North of the existing cells 1 and 2. The sizes of the new cells 3 and 4 are 9.5 acres and 6.5 acres, respectively. An upland area located between the existing marsh and the new cells 3 and 4 would be constructed to target elevations between 1.5 and 2.0 feet NAVD88. The remaining area in cells 3 and 4 (9.5 acres and 6.5 acres, respectively) would be filled to target elevations of 0.6 and 0.8 ft NAVD88. The upland area would be gradually sloped to meet the lower elevation of the emergent marsh. A new 2,721-foot-long containment berm would be constructed to retain dredge material for cells 3 and 4. Refer to Figure 3.1 for overall details of the recommended plan (Alt. 3d).



Figure

3.1 Alternative 3d (Recommended Plan)

3.1 Local Geology

The reference used for descriptions of the local geology is Paine, J.G., and Collins, E.W., 2016, Geologic Map of the Saint Charles Bay quadrangle, Texas Gulf of Mexico Coast: University of Texas at Austin, Bureau of Economic Geology, Open-File Map OFM0025, scale 1:24,000 (https://ngmdb.usgs.gov/ngm-bin/pdp/zui_viewer.pl?id=62835). The local geology in the study area consists primarily of bay margin deposits which includes undivided island deposits of mud and sands with marsh vegetation. The regional geology consists of primary deposits of Beaumont Formation (Qb) which has been intersected and infilled with Recent Alluvium (Qal) from the meandering Nueces River. Typically, the Alluvium deposits are thicker towards the inner portion of Copano Bay and thin out towards San Jose Island. In several areas the Alluvium may be overlain by dredge fill or spoil from active dredging activities in the vicinity. Regional geology map for the site is presented in Figure 3.2.

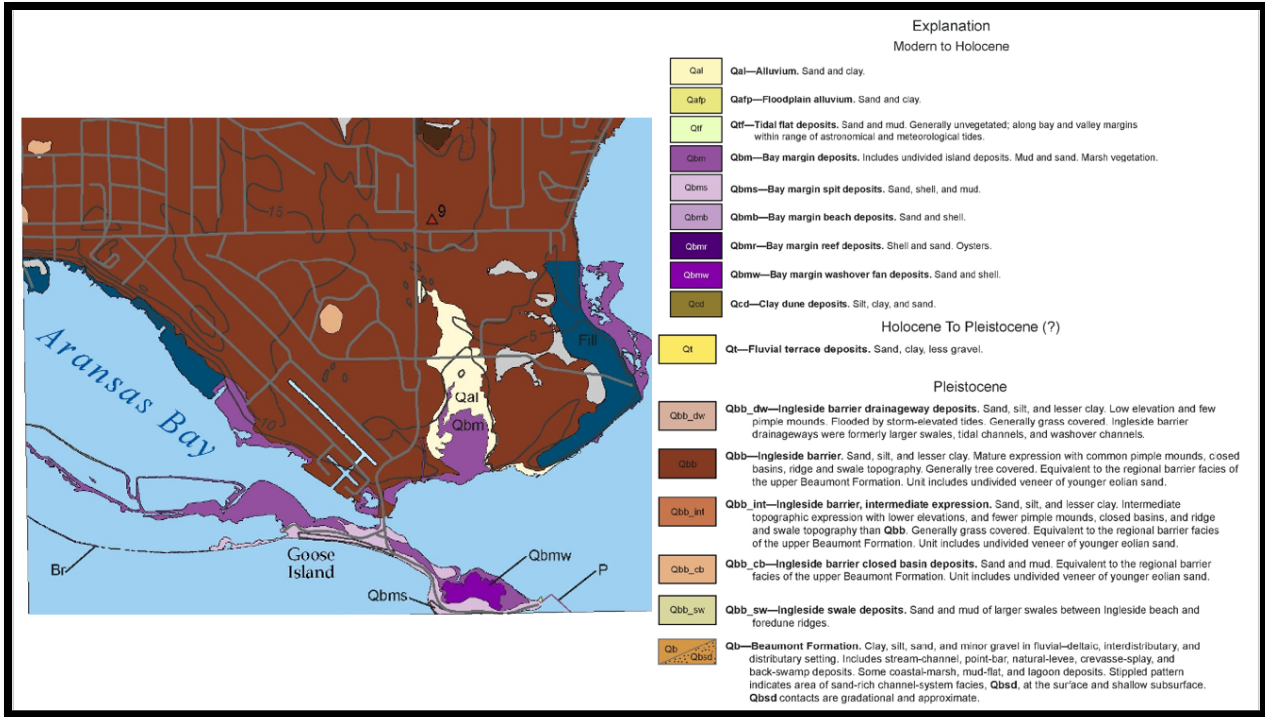


Figure 3.2 Goose Island - Regional Geology from 2016, Geology from Map of the Saint Charles Bay quadrangle, Texas Gulf of Mexico Coast: University of Texas at Austin, Bureau of Economic Geology

3.2 GIWW O&M Historic Sediment Data (GIWW Reach Sta 1160+000 to 1225+000)

Sediment data for Operations and Maintenance (O&M) dredge materials in the GIWW near the project site can be found in the “GIWW – Across Aransas Bay Containment Assessment Report, Aransas Bay Sampling and Analysis Results” (2017) document prepared by Lloyd Engineering, Inc. and located in Attachment A of this appendix. Dredge materials from the GIWW reach from Sta. 1160+000 to Sta. 1225+000 are planned to be used for marsh creation. See Figure 3.3 for sediment sample locations and Table 3.1 for grain size analysis results.

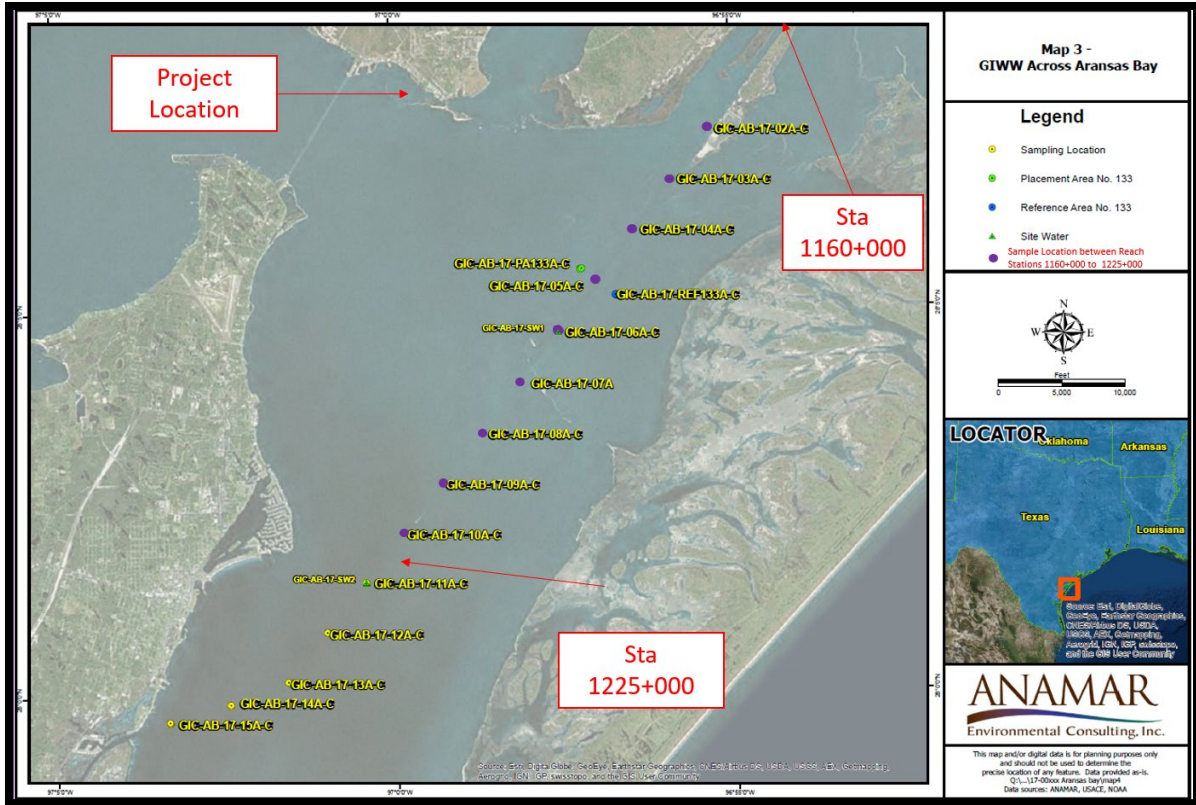


Figure 3.3 GIWW Sampling Map of Routine Maintenance Dredging Operations

Table 3.1 Sample Locations and Grain Size Analysis between reach of GIWW Sta 1160+00 to Sta 1225+00

Sample ID	Sample Number	Location (State Plane NAD83)		Gravel	Sand	Silt	Clay
		Easting	Northing				
GIC-AB-17-02	GIC-AB-17-02A	2,638,444	13,234,278	0	39.4%	42.3%	18.2%
	GIC-AB-17-02C	2,638,403	13,234,335				
GIC-AB-17-03	GIC-AB-17-03A	2,635,483	13,230,248	0	26.9%	52.6%	20.6%
	GIC-AB-17-03C	2,635,402	13,230,308				
GIC-AB-17-04	GIC-AB-17-04A	2,632,522	13,226,220	0	6.6%	66.1%	27.3%
	GIC-AB-17-04C	2,632,442	13,226,278				
GIC-AB-17-05	GIC-AB-17-05A	2,629,561	13,222,190	0	1.4%	62.6%	36%
	GIC-AB-17-05C	2,629,480	13,222,246				
GIC-AB-17-06	GIC-AB-17-06A	2,626,600	13,218,162	0	0.7%	70.7%	28.5%
	GIC-AB-17-06C	2,626,520	13,218,220				
GIC-AB-17-07	GIC-AB-17-07A	2,623,639	13,214,134	0	1.4%	68.4%	30.2%
	GIC-AB-17-07C	2,623,558	13,214,192				
GIC-AB-17-08	GIC-AB-17-08A	2,620,676	13,210,103	0	0.8%	66.9%	32.3%
	GIC-AB-17-08C	2,620,597	13,210,162				
GIC-AB-17-09	GIC-AB-17-09A	2,617,633	13,206,135	0	2.2%	66.7%	31.1%
	GIC-AB-17-09C	2,617,554	13,206,196				
GIC-AB-17-10	GIC-AB-17-10A	2,614,569	13,202,184	0	1.3%	69.9%	28.8%
	GIC-AB-17-10C	2,614,490	13,202,245				

Sediment sample grain size analysis indicates the dredge material consists of 0.87 to 39.4 percent sands, 42.3 to 70.7 percent silts, and 18.2 to 36 percent clays. None of the samples contained very coarse sand, gravel, or larger particles.

Understanding the composition of the dredge material provides insight into the physical behavior dredge material during dredging operations. Of primary interest is identification of an appropriate bulking factor of the dredge material. Dredging and placement of the O&M dredged material from the GIWW is anticipated to be performed using a cutterhead dredge with hydraulic pipeline conveyance to the project site for marsh creation. Engineer Manual 1110-2-5025 Dredging and Dredged Material Management defines bulking factor as "the ratio of the volume occupied by a given amount of dredged material in a containment area in either a hopper or a placement area immediately after deposition by a dredging process to the volume occupied by the same amount of soil in situ. The bulking factor is affected by soil material, mass, and behavior characteristics as well as different types of dredges and dredging techniques." The bulking factor can be calculated as follows:

$$\text{Bulking Factor} = \frac{(\text{Volume of Dredged Material in Marsh})}{(\text{Volume in Channel prior Dredging})}$$

The bulking factor is a design parameter primarily used to calculate the volume taken up by the just-dredged material in the marsh cells and thus identification of the dike or berm elevations required to contain the material. New-work material tends to have a higher bulking factor than maintenance material because normally it is in a more consolidated in-situ state compared to the routine dredging material which has been deposited by soil sedimentation process. Per EM-

1110-2-5025, a general rule of thumb is the larger the grain size, the lower the bulking factor (sand 1.0 to 1.2, silt 1.2 to 1.8, and clay 1.5 to 3.0). Based on the available sediment grain size data most of the O&M material to be dredged from the GIWW between Sta. 1160+000 to Sta. 1225+000 will consist predominantly of silt with smaller percentages of clay and sand. Therefore, the anticipated bulking factor is expected to range from about 1.2 to 1.8. For this project, a bulking factor of 1.5 was assumed for quantity calculations

3.3 Historic Geotechnical Data (Study Area – Goose Island)

A geotechnical investigation was not performed for this study given budgetary and scheduling constraints. Limited analyzes was conducted and consisted primarily on bearing capacity of the containment berm foundation. Based on the geological maps it appears the subsurface strata consist of loamy sands. Loamy sands in the area are normally a sand mix with silts and clay and/or interbedded thin layers of these materials within the upper 5 feet of the extent mudline. An online search was performed on Texas General Land Office (GLO) Tx SED website (<https://cgis.glo.texas.gov/txsed/index.html>) for existing geotechnical soils data in the project area. One historical boring was found in the vicinity of the project. The boring, designated as B-1, was performed by Rock Engineering & Testing Lab in 2011 to a depth of 15 feet for a proposed boardwalk project in Goose Island State Park. See Figure 4 for the approximate location of this boring and Attachment B for the boring log. Based on the information shown on the boring log, subsurface strata generally consist of a 3-foot-thick upper layer of loose poorly graded sand (SP) underlain by about 2.5 feet of very soft Fat Clay with sand (CH) then sandy lean clays (CL) to the boring termination depth. Standard Penetration Test blow counts per foot (N) for the clays ranged from 1 to weight of hammer (WHO). No additional strength test results were available for the boring B-1 samples. In summary, the data indicates the presence of 3 feet of loose loamy sand underlain by a 12 feet of very soft compressible clays. It is recommended that additional soil investigation be completed during the design and implementation phases to characterize the soil stratum more completely in the project area.

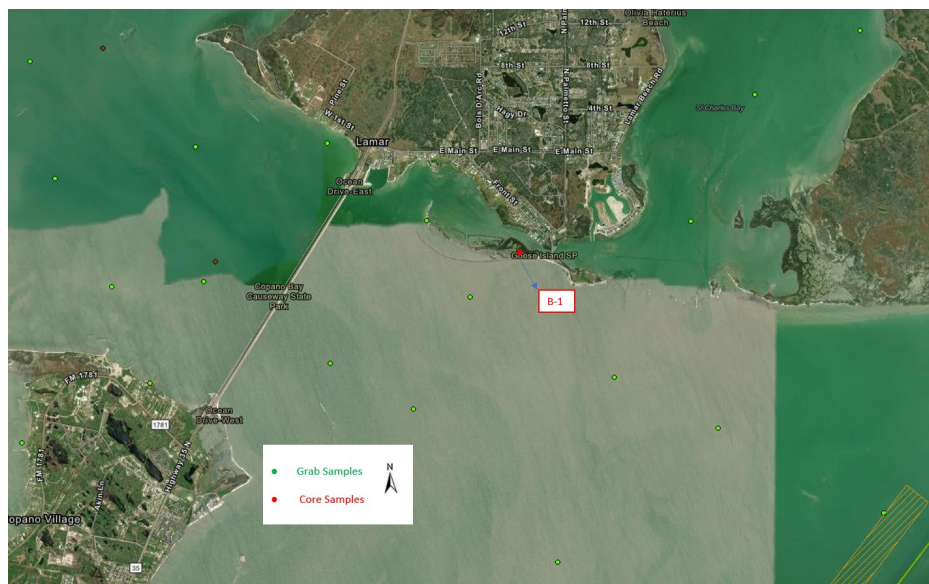


Figure 3.4 Aerial Photo of data available in and around study area (GLO, 2022).

3.4 Feasibility Level Design – Marsh Restoration / Creation

Maintenance dredged material from the GIWW between about Sta. 1160+000 and Sta. 1225+000 will be used for the creation of the marsh cells 3 and 4 and restoration/raise of existing cells 1 and 2. Based on the available soils data, the subsurface conditions at the project site is assumed to consist of about 3 feet of loamy sand underlaid by 12 feet of very soft compressible sandy fat to lean clays. The maintenance dredge material for marsh creation is anticipated to be predominantly silts with some clay and little to no sands. Settlement estimates for the marsh can may range as much of 20 to 50 percent. A settlement of 35 percent was assumed for the marsh fill for quantity calculation. The nature of the expected maintenance dredge material for marsh creation (fill) construction will probably require an intensive pipe management effort and field work equipment to properly grade material to the desire target elevations. Marsh creation/restoration features will need to be properly evaluated in PED, including settlement analysis.

3.5 Feasibility Level Design – Containment Berm

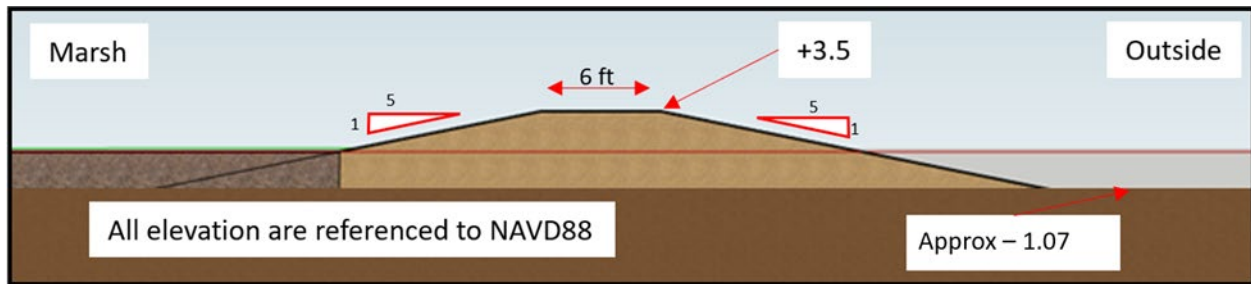


Figure 3.5 Containment Berm Configuration

A new containment berm will be required for the new marsh cells 3 and 4. In addition, the existing containment berm at cells 1 and 2 will be raised. The containment berm template selected for this project is as proposed by the NFS Texas Parks and Wildlife Department (TPWD). The berm template includes a 6-foot crest width at EL +3.5 feet NAVD88 with a 5H:1V side slopes. Estimated berm toe elevation is about EL -1.07 feet NAVD88. The total length of the berm at cells 3 and 4 is 2,721 feet. A limited bearing capacity analysis of the bearing capacity based on existing soils data follows as preliminary design to help understand critical components of the foundation.

Using the classical limiting equilibrium analysis for strip footing Terzaghi's Ultimate Bearing Capacity Equation (Eq. 16.11 Braja M. Das, 2010 edition 7)

$$q_u = c'N_c + \gamma D_f N_q + 0.5 \gamma B N_\gamma \quad (\text{continuous footing})$$

where N_g N_q N_c are the bearing capacity factors
 D_f = location from the surface elevation (ft)

B = foundation width (ft)
 γ = unit weight (lb/ft³) at the foundation
 c' = Effective cohesion (lb/ft²)

Assumed values:

B = 52 ft
 $\gamma = 90 \text{ lb/ft}^3$
 $\phi = 0$, therefore $N_c = 5.14$ (clay), Ref. EM 1110-1-1905 Table 4-4 (Vesic)

The ultimate bearing capacity (Clay)

$$q_u = c' N_c + \gamma D_f N_q + 0.5 \gamma B N_\gamma$$

$$q_u = N_c S_u$$

$$q_u = 5.14 \times 250$$

$$q_u = 1285 \text{ lb/ft}^2$$

Maximum Height of Containment Berm 4.5 foot, fill induced stress on foundation soils = 3.5 feet x 100 lb/ft² minus buoyancy. Unit weight after placement of dredged material equal to 110 lb/ft³ (conservative).

$\Delta\sigma'_{vo}$ = Vertical pressure change (lb/ft²) Foundation elevation at -1.07 NAVD88.

$$\Delta\sigma'_{vo} = [\text{above water}] (\text{El. } +3.5 - \text{El. } 0) \text{ ft} \times (110) \text{ lb/ft}^3 + [\text{below water}] (\text{El. } 0 - \text{El. } -1.07) \text{ ft} \times (110 - 64) \text{ lb/ft}^3$$

$$\Delta\sigma'_{vo} = 434.22 \text{ lb/ft}^2$$

$$\text{F.O.S (Clay)} = q_u / \Delta\sigma'_{vo} = 2.9$$

The ultimate bearing capacity (Poorly Graded Sand) based on a very loose

B = 40 ft (reduced for conservative)
 $\phi = 26^\circ$, therefore $N_\gamma = 12.54$ (sand) based very loose: Ref. EM 1110-1-1905 Table 4-4 (Vesic)
 $\gamma = 90 \text{ lb/ft}^3$ (Conservative)

$$q_u = c' N_c + \gamma D_f N_q + 0.5 \gamma B N_\gamma$$

$$q_u = 0.5 \gamma B N_\gamma$$

$$q_u = 0.5 * (90 - 64) * 40 * 12.54$$

$$q_u = 6,520 \text{ lb/ft}^2$$

$$\text{F.O.S (Sand)} = q_u / \Delta\sigma > 5.0$$

Reference EM 1110-1-1905 Bearing Capacity of Soils, Table 1-2 Typical Factors of Safety, for typical some factors of safety (FS) for bearing capacity. "Those FS's can be considered conservative and will generally limit settlement to acceptable values. In general, FS should be higher than 2.5 and never less than 2.0."

As an exercise, recalculation of the bearing capacity analysis using a 1.0-foot displacement with the intent to increase FS higher than 3.0 was performed with the anticipation that Contractor will likely need to overbuild (wider and taller) the containment berm in order to have sufficient material to shape it to the desired template. Therefore, additional pressure for short period of time will be imposed during construction.

The ultimate bearing capacity (Clay) **1.0-foot displacement:**

$$\begin{aligned}
 B &= 40 \text{ ft} \\
 \phi &= 0, \text{ therefore } N_c = 5.14 \text{ (clay)}, N_q = 1.0 \text{ (clay)} \\
 \gamma &= 90 \text{ lb/ft}^3 \text{ (Assumed)} \\
 q_u &= c'N_c + \gamma D_f N_q + 0.5\gamma B N_c \\
 q_u &= N_c S_u + \gamma D_f N_q \\
 q_u &= 5.14 \times 250 \text{ lb/ft}^2 + (90 - 64) \text{ lb/ft}^3 \times (1.0 \text{ ft}) \times 1.0 \\
 q_{u(1.5ft)} &= 1311 \text{ lb/ft}^2
 \end{aligned}$$

$$\text{F.O.S (Clay- 1.5 feet settlement)} = q_{u(1.5ft)} / \Delta\sigma'_{vo} = 3.0$$

Note, there is no need to recalculate bearing capacity using a sand foundation after initial round FS (FS > 5.0).

Considering the above preliminary analyses (overbuild template) a 1.0-foot settlement was assumed for quantity calculations and probable construction disturbance at the foundation. It is good to be note, surrounding material will be use as borrow source for the construction of the containment berm and it will likely be in a very wet state "material". Construction method of the containment berm will probably be using a mechanical "backhoe" dredge. In general, the backhoe dredge uses a bucket that is structurally connected to a dredge by the member. Note, there is a probability of a e needs of flatter the slopes from a construction standpoint considering the stage of the material will be very wet during construction. But for purpose of the feasibility level and request by TPWD the above configuration was used for calculation purposes. The design of containment berm will need to be properly analyze with additional soils data obtained during the design phase, including (revaluation) bearing capacity, slope stability and settlement analysis.

Appendix A
GIWW O&M Historic
Sediment Data

January 9, 2017

Lisa M. Finn
U.S. Army Corps of Engineers
2000 Fort Point Road
Galveston, TX 77550

Dear Ms. Finn:

Re: GIWW – Across Aransas Bay Contaminant Assessment Report
Aransas Bay Sampling and Analysis Results
Aransas County, Texas
Contract W912HY-11-D-003, Task Order DY016

This report presents the results of the sampling and analysis of sediment, water, and elutriate chemistry, and sediment grain size conducted by Lloyd Engineering, Inc. (LEI) and ANAMAR Environmental Consulting, Inc. (ANAMAR) for routine maintenance dredging operations within Aransas Bay in Aransas County, Texas, to comply with requirements of the Clean Water Act. LEI and ANAMAR were contracted by the U.S. Army Corp of Engineers (USACE), Galveston District, to provide assistance with the sampling, and analysis of material associated with maintenance dredging operations under Contract W9126G-17-D-0034, Task Order (TO) F0055. Refer to Attachment A for figures depicting the project area and sample locations.

OBJECTIVES

The objectives of this dredging application and testing are to: (A) Collect sediment from Aransas Bay, a Federally-maintained navigation channel to adequately characterize the materials to be dredged; (B) analyze the dredged material samples for potential chemical contaminants of concern (COC) and physical characteristics to determine the materials suitability for disposal into existing Upland Confined Placement Areas (UCPA) and to identify potential placement alternatives; (C) document field sampling methods and results of physical and chemical analyses, and quality control measures; and (D) collect sufficient data to determine whether unacceptable adverse impacts would result from dredging activities and/or placement of dredged material.

METHODS

In situ standard water quality parameters were collected at the time of the sampling effort. Water quality parameters measured and recorded in the field included dissolved oxygen (DO), milligrams/liter (mg/L) and percent saturation (%sat), pH in standard units (SU), salinity in parts per thousand parts (‰), specific conductivity in millisiemens per centimeter (mS/cm), water

temperature in degrees Celsius (°C), air temperature in °C, and total water depth in feet (ft) at sampling locations. Global position system (GPS) coordinates were also recorded at each sampling location. Refer to Attachment B for water quality datasheets detailing the parameters observed at the time of sampling efforts.

All sampling stations noted in the Sampling and Analysis Plan (SAP) (Attachment C) were collected by LEI, according to appropriate existing standard operating procedures (SOPs) and requirements of the SAP. All chemical analyses were performed by North Water District Laboratory Services (NWDLS), Woodlands, except for grain size analysis, which was conducted by Weatherford Laboratories, Inc. Soil Characterization Laboratory. NWDLS is certified by the National Environmental Laboratory Accreditation Program (NELAP) for all chemical analyses conducted on water, sediment, and elutriate samples. All chemical analyses were conducted in accordance with the methods and requirements detailed in the SAP (Attachment C).

RESULTS

Sediment, water, and elutriate samples were collected from November 7-8, 2017, from a total of 16 sampling locations. Table 1 provided in Attachment D presents the GPS coordinates as well as the analyses conducted at each sample location. The methods of analysis, minimum detection levels (i.e., target detection limits [TDL]) and chain of custody forms are provided in Attachment E. The Electronic Data Deliverable (EDD) Raw Laboratory Results are included in Attachment F.

Water Quality

In-situ standard water quality parameters were measured at each sampling station at the time of sample collection during sampling efforts. DO was measured at all sampling stations and ranged from 6.44 mg/L to 7.75 mg/L. PH was measured at all sampling stations and ranged from 8.08 SU to 8.60 SU. The salinity at sampling stations ranged from 20.9‰ to 26.5‰. **Water temperature** ranged from 22.59°C to 25.75°C. Refer to Attachment B for the water quality datasheets parameters observed and the corresponding GPS coordinates recorded during sampling efforts.

Water and Elutriate Chemistry

The results of chemical analyses for analytes detected in water and elutriate samples are presented in Table 4 and 5 (Attachment D), respectively. Also included in Table 4 and 5 are the Texas Acute Surface Water Quality Standards (TWQS), provided by the Texas Commission on Environmental Quality (TCEQ) for the protection of aquatic life.

Elutriates were prepared from test sediment and channel water, filtered or centrifuged to remove suspended material for trace metal analysis (except mercury and selenium), and submitted for chemical analysis. Elutriates provide information on those constituents that are (1) dissolved into

the water column during dredging and open-water placement and/or (2) present (worst case) in the elutriate discharge from an UCPA. An examination of Tables 4 and 5 provided in Attachment D reveals that no acute TWQS benchmarks were exceeded in the concentrations of the compounds detected in any of the water or elutriate samples.

Sediment Chemistry

TDLs are defined in the Regional Implementation Agreement (RIA) as “A performance goal set between the lowest, technically feasible detection limit for routine analytical methods and available regulatory criteria or guidelines for evaluating dredged material.” There are no enforceable sediment quality criteria or standards with which to compare concentrations of compounds in sediment. However, there are several different guidelines that are used to look for a cause for concern in sediment samples, one of which is the Effects Range Low, or ERL (Buchman, 2008). When an exceedance of the ERL occurs, the effects range medium (ERM) benchmark value is then evaluated. However, since these sediments are destined for placement within an Upland Confined Placement Area, it is customary (Hauch, 2012) to also compare to the Human Health Protective Concentration Levels (PCL), provided by the TCEQ as part of the Texas Risk Reduction Program (TRRP, 30 TAC §350). Sediment concentrations of detected compounds are presented in Table 3 of Attachment D.

An examination of Table 3 provided in Attachment D reveals that exceedances of the ERL occurred at two sampling locations for Lead and Mercury. However, no ERM or PCL benchmarks were exceeded in the concentrations of the compounds detected in any of the sediment samples.

Sediment Grain Size

None of the samples contained very coarse sand, gravel, or larger particles. Material collected amongst sampling locations ranged in composition between 0.7 and 58.3 percent sand, 28.8 and 70.7 percent silt, and 12.9 and 36.0 percent clay. Refer to Attachment G for laser grain size analysis results.

SUMMARY

Sample station GPS coordinates as well as the analyses conducted at each sample location are provided in Table 1 of Attachment D. Water quality parameters taken at the time of collection are presented in Attachment B. Tables 3, 4, and 5 of Attachment D list the COC concentrations detected in sediment, water, and elutriate samples, respectively. Also included in Tables 3, 4, and 5 are appropriate standards, criteria, or screening values to which the detected parameters can be compared.

Exceedances of ERL benchmark values for Lead and Mercury occurred in two sediment samples collected. Exceedance of the ERL for Mercury occurred at sampling location GIC-AB-17-12. Exceedance of the ERL for Lead occurred at sampling location GIC-AB-17-07. However, no ERM or PCL values (as provided by TCEQ Table 4, Combined Tier 1 Soils PCLs, Commercial/Industrial, 030-acre Source Area, Last Revised: March 31, 2017) were exceeded in any of the samples. Additionally, none of the COC concentrations detected in any of the water or elutriate samples were found to be in exceedance of any acute TCEQ WQS.

Sediment results show that no ERM or PCL benchmarks were exceeded in the concentrations of the compounds detected in any of the sediment samples. Water, and elutriate results show that no acute TWQS were exceeded in the concentrations of the compounds detected in any of the water samples. There were no exceedances of ERM, TWQS, or TCEQ PCL benchmark values.

CONCLUSION

Based on the results of this assessment guidance provided by the RIA (EPA/USACE, 2003), there is nothing in the chemical analyses that would indicate a concern with the dredging and/or placement of these sediments in an UCPA or in open-water placement. No TWQs, ERMs, or PCLs were exceeded.

The following information is enclosed:

- Attachment A – Project Location and Sampling Station Maps
- Attachment B – Water Quality Datasheets
- Attachment C – Sampling and Analysis Plan
- Attachment D – Sampling and Analysis Results Tables
- Attachment E – Laboratory Analyses QA/QC Reports and Chain of Custody Forms
- Attachment F – Electronic Data Deliverable (EDD): Raw Laboratory Results Data
- Attachment G – Grain Size Data

Please contact me at (713) 419-3479 or marisa@lloydeng.com if you have any questions or need additional information.

Sincerely,



Marisa Weber
Director of Environmental Services
Lloyd Engineering, Inc.
Marisa Webe

LITERATURE CITED

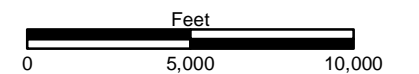
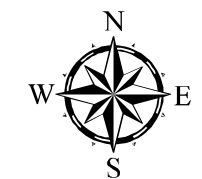
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Attachment A
Project Location and Sampling Station Maps

Map 3 -
GIWW Across Aransas Bay

Legend

- Sampling Location
- Placement Area No. 133
- Reference Area No. 133
- ▲ Site Water



This map and/or digital data is for planning purposes only and should not be used to determine the precise location of any feature. Data provided as-is.
Q:\...117-00xxx Aransas bay\map4
Data sources: ANAMAR, USACE, NOAA



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

Attachment B
Water Quality Datasheets



WATER QUALITY DATA

Project: GIWW Port Aransas

Location: GIWW Across Aransas Bay

Date(s) Collected: November 7-8, 2017

Date	11/7/2017	11/7/2017	11/7/2017	11/7/2017	11/7/2017	11/7/2017	11/7/2017	11/7/2017
Station	GIC-AB-17-15	GIC-AB-17-14	GIC-AB-17-13	GIC-AB-17-12	GIC-AB-17-11	GIC-AB-17-10	GIC-AB-17-09	GIC-AB-17-08
Easting	2,595,943	2,600,738	2,605,333	2,608,402	2,611,466	2,614,530	2,617,594	2,620,637
Northing	13,187,140	13,188,557	13,190,365	13,194,312	13,198,263	13,202,215	13,206,166	13,210,133
Water Depth MLT (ft.)	15.0	16.0	14.7	16.0	15.5	15.6	14.5	14.5
DO (mg/L)	6.2	6.8	6.5	7.01	7.51	6.4	6.8	7.25
pH (s.u.)	8.08	8.51	8.50	8.51	8.53	8.49	8.54	8.60
Salinity (‰)	26.5	25.7	25.9	24.4	22.1	22.7	20.9	21.3
Specific Cond. (mS/cm)	41.45	40.19	40.63	37.01	31.26	32.54	28.01	29.10
Water Temp (°C)	25.03	25.17	25.24	24.94	24.90	24.79	25.06	25.19
Air Temp (°C)	28.27	28.78	28.95	28.89	28.95	28.95	28.90	28.8
Time	10:33	10:58	11:22	11:45	12:12	12:35	12:54	13:41

Remarks:



WATER QUALITY DATA

Project: GIWW Port Aransas

Location: GIWW Across Aransas Bay

Date(s) Collected: November 7-8, 2017

Date	11/7/2017	11/7/2017	11/7/2017	11/7/2017	11/8/2018	11/8/2018	11/8/2018	11/8/2018
Station	GIC-AB-17-07	GIC-AB-17-06	GIC-AB-17-05	GIC-AB-17-04	GIC-AB-17-02	GIC-AB-17-03	GIC-AB-17-REF133	GIC-AB-17-PA133
Easting	2,623,598	2,626,560	2,629,520	2,632,481	2,638,444	2,635,443	2,631,212	2,628,341
Northing	13,214,162	13,218,191	13,222,219	13,226,248	13,234,278	13,230,277	13,221,120	13,223,085
Water Depth MLT (ft.)	15.1	14.9	15.8	12.9	13.3	13.1	5.2	5.1
DO (mg/L)	7.75	7.015	6.25	6.32	7.62	7.15	6.50	6.98
pH (s.u.)	8.63	8.57	8.56	8.59	8.50	8.57	8.57	8.50
Salinity (‰)	23.1	22.6	21.7	23.0	21.6	21.5	22.2	21.4
Specific Cond. (mS/cm)	32.12	32.36	30.19	33.34	29.71	29.87	31.47	29.80
Water Temp (°C)	25.75	24.95	25.09	25.43	23.79	24.00	22.70	22.59
Air Temp (°C)	27.2	26.11	25.2	25.0	16.11	16.11	16.0	13.89
Time	15:32	15:37	16:06	16:23	09:32	09:49	10:12	10:38

Remarks:

Attachment C
Sampling and Analysis Plan

Section SF 1449 - CONTINUATION SHEET

SAMPLING ANALYSIS PLAN

SAMPLING AND ANALYSIS PLAN

**SAMPLING AND CHEMICAL ANALYSIS
GIWW – ACROSS ARANSAS BAY
GIWW - FREEPORT TO CANEY CREEK
CHOCOLATE BAYOU
July 2017**

Objectives

Water and sediment samples shall be collected from the Federally-maintained navigation channel, for the purpose of conducting testing to characterize the shoal material that will be excavated during routine maintenance dredging. The material shall be evaluated to determine whether unacceptable adverse impacts would result from dredging and dredged material placement operations. The evaluation will comprise chemical analyses of sediment, water, and elutriate samples, and grain-size analyses.

All sample collections and chemical analyses are to be conducted according to appropriate existing Standard Operating Procedures (SOP). Prior to sample collection, all containers and sampling equipment shall be cleaned according to protocols described in Plumb (1981), or other appropriate guidance manuals. Care must be taken to avoid contamination to sampling devices from the boat deck, or other surfaces. Powderless latex gloves shall be worn during sample collection and sample handling.

Sediment Samples

Sediment samples shall be collected with a stainless steel Ekman, Ponar, Peterson or similar dredge. Prior to collection at each sample site, the dredge shall be rinsed with deionized water, then ambient water. The sample shall then be collected and deposited into a clean linear polyethylene, or stainless steel pan. The sediment sample should be characterized as non-cohesive. If consolidated clay is collected, the sample is to be discarded, since it would not be representative of the shoal material in the channel bottom.

Using a clean stainless steel or teflon spoon, the sample that is to undergo chemical analyses is to be mixed thoroughly, then placed into a pre-cleaned glass jar. The jar is to be completely filled so as to avoid head space. The lid shall then be tightly secured, and the sample jar is to be placed into an ice chest, containing sufficient cushioning material to prevent breakage.

The water depths at the channel sample sites should be approximately 10 to 15 feet below Mean Low Tide. Depths more shallow are probably not within the channel template and deeper depths will be beyond the dredging depth.

Water Samples

A suitable non-contaminating pump, such as a metal-free bilge pump shall be used to collect water samples. Food-grade hoses shall also be used. The depth of the water sample shall be between mid-depth to 1/3 of the way to the bottom. Under no circumstances should the water intake hose end be any closer than 1.0 meter from the sediment surface. The initial pumped water equaling at least five times the hose volume shall be discarded. The water sample shall then be collected into suitable pre-cleaned bottles. Polyethylene or glass bottles with appropriate acid preservatives shall be used for metals analyses. Also, water samples to be analyzed for metals, other than mercury and selenium, are to be filtered through a clean 0.45µm filter prior to dispensing into containers with acid preservatives. Water samples to be analyzed for mercury and selenium shall not be filtered prior to dispensing into containers with acid preservatives. Pre-cleaned brown glass bottles shall be used for organics analyses. Bottles are to be filled completely, avoiding the presence of any air bubbles in the sample bottle.

Sample Preservation and Storage

A suitable method for preservation and shipment of water and sediment samples must be used. The samples must be stored at 2°C to 4°C, never frozen, immediately after collection. Analyses are to be performed within the recommended holding times, as described in the referenced guidance documents.

Sample Sites

The following table describes the sample designation and location for each sample to be collected. The locations are also depicted on the enclosed plan sheets. Each sediment sample shall represent a composite of separate samples of equal volume collected from the locations described in the following table. If the depths at these positions are not within the range specified above, the position shall be adjusted the least amount possible to meet all requirements.

Sample Number	Location (State Plane NAD 83)	Sample Matrix	Analyses*
GIWW Across Aransas Bay			
GIC-AB-17-02	Station 835+000	Composited Sediment Sample	W, S, E, GS
GIC-AB-17-02A	2,638,444 Easting; 13,234,278 Northing	Sediment	Component of GIC-AB-17-02
GIC-AB-17-02B	2,638,403 Easting; 13,234,307 Northing	Sediment, Water	Component of GIC-AB-17-02
GIC-AB-17-02C	2,638,364 Easting; 13,234,335 Northing	Sediment	Component of GIC-AB-17-02

Sample Number	Location (State Plane NAD 83)	Sample Matrix	Analyses*
GIC-AB-17-03	Station 840+000	Composited Sediment Sample	W, S, E, GS
GIC-AB-17-03A	2,635,483 Easting; 13,230,248 Northing	Sediment	Component of GIC-AB-17-03
GIC-AB-17-03B	2,635,443 Easting; 13,230,277 Northing	Sediment, Water	Component of GIC-AB-17-03
GIC-AB-17-03C	2,635,402 Easting; 13,230,308 Northing	Sediment	Component of GIC-AB-17-03
GIC-AB-17-04	Station 845+000	Composited Sediment Sample	W, S, E, GS
GIC-AB-17-04A	2,632,522 Easting; 13,226,220 Northing	Sediment	Component of GIC-AB-17-04
GIC-AB-17-04B	2,632,481 Easting; 13,226,248 Northing	Sediment, Water	Component of GIC-AB-17-04
GIC-AB-17-04C	2,632,442 Easting; 13,226,278 Northing	Sediment	Component of GIC-AB-17-04
GIC-AB-17-05	Station 850+000	Composited Sediment Sample	W, S, E, GS
GIC-AB-17-05A	2,629,561 Easting; 13,222,190 Northing	Sediment	Component of GIC-AB-17-05
GIC-AB-17-05B	2,629,520 Easting; 13,222,219 Northing	Sediment, Water	Component of GIC-AB-17-05
GIC-AB-17-05C	2,629,480 Easting; 13,222,246 Northing	Sediment	Component of GIC-AB-17-05
GIC-AB-17-06	Station 855+000	Composited Sediment Sample	W, S, E, GS
GIC-AB-17-06A	2,626,600 Easting; 13,218,162 Northing	Sediment	Component of GIC-AB-17-06
GIC-AB-17-06B	2,626,560 Easting; 13,218,191 Northing	Sediment, Water	Component of GIC-AB-17-06
GIC-AB-17-06C	2,626,520 Easting; 13,218,220 Northing	Sediment	Component of GIC-AB-17-06
GIC-AB-17-07	Station 860+000	Composited Sediment Sample	W, S, E, GS
GIC-AB-17-07A	2,623,639 Easting; 13,214,134 Northing	Sediment	Component of GIC-AB-17-07

Sample Number	Location (State Plane NAD 83)	Sample Matrix	Analyses*
GIC-AB-17-07B	2,623,598 Easting; 13,214,162 Northing	Sediment, Water	Component of GIC-AB-17-07
GIC-AB-17-07C	2,623,558 Easting; 13,214,192 Northing	Sediment	Component of GIC-AB-17-07
GIC-AB-17-08	Station 865+000	Composited Sediment Sample	W, S, E, GS
GIC-AB-17-08A	2,620,676 Easting; 13,210,103 Northing	Sediment	Component of GIC-AB-17-08
GIC-AB-17-08B	2,620,637 Easting; 13,210,133 Northing	Sediment, Water	Component of GIC-AB-17-08
GIC-AB-17-08C	2,620,597 Easting; 13,210,162 Northing	Sediment	Component of GIC-AB-17-08
GIC-AB-17-09	Station 870+000	Composited Sediment Sample	W, S, E, GS
GIC-AB-17-09A	2,617,633 Easting; 13,206,135 Northing	Sediment	Component of GIC-AB-17-09
GIC-AB-17-09B	2,617,594 Easting 13,206,166 Northing	Sediment, Water	Component of GIC-AB-17-09
GIC-AB-17-09C	2,617,554 Easting; 13,206,196 Northing	Sediment	Component of GIC-AB-17-09
GIC-AB-17-10	Station 875+000	Composited Sediment Sample	W, S, E, GS
GIC-AB-17-10A	2,614,569 Easting; 13,202,184 Northing	Sediment	Component of GIC-AB-17-10
GIC-AB-17-10B	2,614,530 Easting; 13,202,215 Northing	Sediment, Water	Component of GIC-AB-17-10
GIC-AB-17-10C	2,614,490 Easting; 13,202,245 Northing	Sediment	Component of GIC-AB-17-10
GIC-AB-17-11	Station 880+000	Composited Sediment Sample	W, S, E, GS
GIC-AB-17-11A	2,611,506 Easting; 13,198,233 Northing	Sediment	Component of GIC-AB-17-11
GIC-AB-17-11B	2,611,466 Easting; 13,198,263 Northing	Sediment, Water	Component of GIC-AB-17-11
GIC-AB-17-11C	2,611,427 Easting; 13,198,294 Northing	Sediment	Component of GIC-AB-17-11

Sample Number	Location (State Plane NAD 83)	Sample Matrix	Analyses*
GIC-AB-17-12	Station 885+000	Composited Sediment Sample	W, S, E, GS
GIC-AB-17-12A	2,608,442 Easting; 13,194,281 Northing	Sediment	Component of GIC-AB-17-12
GIC-AB-17-12B	2,608,402 Easting; 13,194,312 Northing	Sediment, Water	Component of GIC-AB-17-12
GIC-AB-17-12C	2,608,363 Easting; 13,194,343 Northing	Sediment	Component of GIC-AB-17-12
GIC-AB-17-13	Station 890+000	Composited Sediment Sample	W, S, E, GS
GIC-AB-17-13A	2,605,371 Easting; 13,190,332 Northing	Sediment	Component of GIC-AB-17-13
GIC-AB-17-13B	2,605,333 Easting; 13,190,365 Northing	Sediment, Water	Component of GIC-AB-17-13
GIC-AB-17-13C	2,605,296 Easting; 13,190,398 Northing	Sediment	Component of GIC-AB-17-13
GIC-AB-17-14	Station 895+000	Composited Sediment Sample	W, S, E, GS
GIC-AB-17-14A	2,600,752 Easting; 13,188,509 Northing	Sediment	Component of GIC-AB-17-14
GIC-AB-17-14B	2,600,738 Easting; 13,188,557 Northing	Sediment, Water	Component of GIC-AB-17-14
GIC-AB-17-14C	2,600,724 Easting; 13,188,605 Northing	Sediment	Component of GIC-AB-17-14
GIC-AB-17-15	Station 900+000	Composited Sediment Sample	W, S, E, GS
GIC-AB-17-15A	2,595,957 Easting; 13,187,092 Northing	Sediment	Component of GIC-AB-17-15
GIC-AB-17-15B	2,595,943 Easting; 13,187,140 Northing	Sediment, Water	Component of GIC-AB-17-15
GIC-AB-17-15C	2,595,929 Easting; 13,187,189 Northing	Sediment	Component of GIC-AB-17-15
Placement Area No. 133			

Sample Number	Location (State Plane NAD 83)	Sample Matrix	Analyses*
GIC-AB-17-PA133	Station 850+000	Composited Sediment Sample	W, S, GS
GIC-AB-17-PA133A	2,628,325 Easting; 13,223,130 Northing	Sediment	Component of GIC-AB-17-PA133
GIC-AB-17-PA133B	2,628,341 Easting; 13,223,085 Northing	Sediment, Water	Component of GIC-AB-17-PA133
GIC-AB-17-PA133C	2,628,458 Easting; 13,223,155 Northing	Sediment	Component of GIC-AB-17-PA133

Reference Area No. 133			
GIC-AB-17-REF133	Station 850+000	Composited Sediment Sample	W, S, GS
GIC-AB-17-REF133A	2,631,167 Easting; 13,221,076 Northing	Sediment	Component of GIC-AB-17-REF133
GIC-AB-17-REF133B	2,631,212 Easting; 13,221,120 Northing	Sediment, Water	Component of GIC-AB-17-REF133
GIC-AB-17-REF133C	2,631,129 Easting; 13,221,127 Northing	Sediment	Component of GIC-AB-17-REF133

GIWW Freeport to Caney Creek			
GIF-FHSB-17-01	Station 563+916	Sediment Sample	W, S, E, GS
GIF-FHSB-17-01A	3,147,737 Easting; 13,544,492 Northing	Sediment, Water	Component of GIF-FHSB-17-01
GIF-FHSB-17-02	Station 568+916	Sediment Sample	W, S, E, GS
GIF-FHSB-17-02A	3,144,442 Easting; 13,540,782 Northing	Sediment, Water	Component of GIF-FHSB-17-02
GIF-FHSB-17-03	Station 573+916	Sediment Sample	W, S, E, GS
GIF-FHSB-17-03A	3,140,155 Easting; 13,538,224 Northing	Sediment, Water	Component of GIF-FHSB-17-03
GIF-FHSB-17-04	Station 578+916	Sediment Sample	W, S, E, GS

Sample Number	Location (State Plane NAD 83)	Sample Matrix	Analyses*
GIF-FHSB-17-04A	3,135,966 Easting; 13,535,493 Northing	Sediment, Water	Component of GIF-FHSB-17-04
GIF-FHSB-17-05	Station 583+916	Sediment Sample	W, S, E, GS
GIF-FHSB-17-05A	3,132,122 Easting; 13,532,291 Northing	Sediment, Water	Component of GIF-FHSB-17-05
GIF-FHSB-17-06	Station 588+917	Composited Sediment Sample	W, S, E, GS
GIF-FHSB-17-06A	3,128,004 Easting; 13,529,483 Northing	Sediment	Component of GIF-FHSB-17-06
GIF-FHSB-17-06A	Station 592+117	Composited Sediment Sample	W, S, E, GS
GIF-FHSB-09-06AA	3,125,104 Easting; 13,527,685 Northing	Sediment	Component of GIF-FHSB-09-06A
GIF-FHSB-09-06AB	3,125,153 Easting; 13,5273,633 Northing	Sediment, Water	Component of GIF-FHSB-09-06A
GIF-FHSB-09-06AC	3,1252,013 Easting; 13,527,041 Northing	Sediment	Component of GIF-FHSB-09-06A
GIF-SBCR-09-02	Station 618+631	Composited Sediment Sample	W, S, E, GS
GIF-FHSB-09-02A	3,102,727 Easting; 13,516,255 Northing	Sediment	Component of GIF-FHSB-09-02
GIF-FHSB-09-02B	3,102,738 Easting; 13,516,206 Northing	Sediment, Water	Component of GIF-FHSB-09-02
GIF-FHSB-09-02C	3,102,750 Easting; 13,516,157 Northing	Sediment	Component of GIF-FHSB-09-02
GIF-SBCR-09-04	Station 632+600	Composited Sediment Sample	W, S, E, GS
GIF-FHSB-09-04A	3,089,988 Easting; 13,510,985 Northing	Sediment	Component of GIF-FHSB-09-04
GIF-FHSB-09-04B	3,090,016 Easting; 13,510,943 Northing	Sediment, Water	Component of GIF-FHSB-09-04
GIF-FHSB-09-04C	3,090,044 Easting; 13,510,902 Northing	Sediment	Component of GIF-FHSB-09-04
GIF-SBCR-09-06	Station 642+599	Composited Sediment Sample	W, S, E, GS
GIF-FHSB-09-06A	3,081,670 Easting; 13,505,446 Northing	Sediment	Component of GIF-FHSB-09-06
GIF-FHSB-09-06B	3,081,697 Easting; 13,505,405 Northing	Sediment, Water	Component of GIF-FHSB-09-06
GIF-FHSB-09-06C	3,081,725 Easting; 13,505,363 Northing	Sediment	Component of GIF-FHSB-09-06

Sample Number	Location (State Plane NAD 83)	Sample Matrix	Analyses*
GIF-SBCR-09-08	Station 652+599	Composited Sediment Sample	W, S, E, GS
GIF-FHSB-09-08A	3,076,867 Easting; 13,497,294 Northing	Sediment	Component of GIF-FHSB-09-08
GIF-FHSB-09-08B	3,076,917 Easting; 13,497,286 Northing	Sediment, Water	Component of GIF-FHSB-09-08
GIF-FHSB-09-08C	3,076,966 Easting; 13,497,279 Northing	Sediment	Component of GIF-FHSB-09-08
GIF-SBCR-09-10	Station 662+591	Composited Sediment Sample	W, S, E, GS
GIF-FHSB-09-10A	3,069,713 Easting; 13,490,848 Northing	Sediment	Component of GIF-FHSB-09-10
GIF-FHSB-09-10B	3,069,739 Easting; 13,490,805 Northing	Sediment, Water	Component of GIF-FHSB-09-10
GIF-FHSB-09-10C	3,069,766 Easting; 13,490,763 Northing	Sediment	Component of GIF-FHSB-09-10
GIF-SBCR-09-12	Station 672+591	Composited Sediment Sample	W, S, E, GS
GIF-FHSB-09-12A	3,061,180 Easting; 13,485,634 Northing	Sediment	Component of GIF-FHSB-09-12
GIF-FHSB-09-12B	3,061,207 Easting; 13,485,591 Northing	Sediment, Water	Component of GIF-FHSB-09-12
GIF-FHSB-09-12C	3,061,233 Easting; 13,485,549 Northing	Sediment	Component of GIF-FHSB-09-12
GIF-SBCR-09-14	Station 682+593	Composited Sediment Sample	W, S, E, GS
GIF-FHSB-09-14A	3,052,696 Easting; 13,480,341 Northing	Sediment	Component of GIF-FHSB-09-14
GIF-FHSB-09-14B	3,052,722 Easting; 13,480,299 Northing	Sediment, Water	Component of GIF-FHSB-09-14
GIF-SBCR-09-16	Station 692+593	Composited Sediment Sample	W, S, E, GS
GIF-FHSB-09-16A	3,043,803 Easting; 13,476,270 Northing	Sediment	Component of GIF-FHSB-09-16
GIF-FHSB-09-16B	3,043,796 Easting; 13,476,220 Northing	Sediment, Water	Component of GIF-FHSB-09-16
GIF-FHSB-09-16C	3,043,790 Easting; 13,476,171 Northing	Sediment	Component of GIF-FHSB-09-16
GIF-SBCR-09-18	Station 702+593	Composited Sediment Sample	W, S, E, GS
GIF-FHSB-09-18A	3,034,200 Easting; 13,476,021 Northing	Sediment	Component of GIF-FHSB-09-18

Sample Number	Location (State Plane NAD 83)	Sample Matrix	Analyses*
GIF-FHSB-09-18B	3,034,236 Easting; 13,475,985 Northing	Sediment, Water	Component of GIF-FHSB-09-18
GIF-FHSB-09-18C	3,034,271 Easting; 13,475,950 Northing	Sediment	Component of GIF-FHSB-09-18
GIF-SBCR-09-20	Station 712+593	Composited Sediment Sample	W, S, E, GS
GIF-FHSB-09-20A	3,025,647 Eastng; 13,470,921 Northing	Sediment	Component of GIF-FHSB-09-20
GIF-FHSB-09-20B	3,025,671 Easting; 13,470,877 Northing	Sediment, Water	Component of GIF-FHSB-09-20
GIF-FHSB-09-20C	3,025,696 Easting; 13,470,834 Northing	Sediment	Component of GIF-FHSB-09-20
GIF-SBCR-09-22	Station 722+593	Composited Sediment Sample	W, S, E, GS
GIF-FHSB-09-22A	3,016,280 Easting; 13,467,678 Northing	Sediment	Component of GIF-FHSB-09-22
GIF-FHSB-09-22B	3,016,272 Easting; 13,467,628 Northing	Sediment, Water	Component of GIF-FHSB-09-22
GIF-FHSB-09-22C	3,016,265 Easting; 13,467,579 Northing	Sediment	Component of GIF-FHSB-09-22
GIF-SBCR-09-24	Station 732+531	Composited Sediment Sample	W, S, E, GS
GIF-FHSB-09-24A	3,007,042 Easting; 13,470,840 Northing	Sediment	Component of GIF-FHSB-09-24
GIF-FHSB-09-24B	3,007,045 Easting; 13,470,790 Northing	Sediment, Water	Component of GIF-FHSB-09-24
GIF-FHSB-09-24C	3,007,048 Easting; 13,470,740 Northing	Sediment	Component of GIF-FHSB-09-24

Sample Number	Location (State Plane NAD 83)	Sample Matrix	Analyses*
Chocolate Bayou			
GIF-CB-17-01	Station 50+00	Composited Sediment Sample	W, S, E, GS
GIF-CB-17-01A	3,200,730 Easting; 13,631,270 Northing	Sediment	Component of GIF-CB-17-01

Sample Number	Location (State Plane NAD 83)	Sample Matrix	Analyses*
GIF-CB-17-01B	3,200,778 Easting; 13,631,284 Northing	Sediment, Water	Component of GIF-CB-17-01
GIF-CB-17-01C	3,200,826 Easting; 13,631,298 Northing	Sediment	Component of GIF-CB-17-01
GIF-CB-17-02	Station 100+00	Composited Sediment Sample	W, S, E, GS
GIF-CB-17-02A	3,198,089 Easting; 13,635,430 Northing	Sediment	Component of GIF-CB-17-02
GIF-CB-17-02B	3,198,128 Easting; 13,635,461 Northing	Sediment, Water	Component of GIF-CB-17-02
GIF-CB-17-02C	3,198,167 Easting; 13,635,492 Northing	Sediment	Component of GIF-CB-17-02
GIF-CB-17-03	Station 150+00	Composited Sediment Sample	W, S, E, GS
GIF-CB-17-03A	3,194,667 Easting; 13,639,003 Northing	Sediment	Component of GIF-CB-17-03
GIF-CB-17-03B	3,194,692 Easting; 13,639,046 Northing	Sediment, Water	Component of GIF-CB-17-03
GIF-CB-17-03C	3,194,717 Easting; 13,639,090 Northing	Sediment	Component of GIF-CB-17-03
GIF-CB-17-04	Station 200+00	Composited Sediment Sample	W, S, E, GS
GIF-CB-17-04A	3,189,817 Easting; 13,639,898 Northing	Sediment	Component of GIF-CB-17-04
GIF-CB-17-04B	3,189,825 Easting; 13,639,947 Northing	Sediment, Water	Component of GIF-CB-17-04
GIF-CB-17-04C	3,189,833 Easting; 13,639,996 Northing	Sediment	Component of GIF-CB-17-04
GIF-CB-17-05	Station 250+00	Composited Sediment Sample	W, S, E, GS
GIF-CB-17-05A	3,185,186 Easting; 13,641,780 Northing	Sediment	Component of GIF-CB-17-05
GIF-CB-17-05B	3185206 Easting; 13641826 Northing	Sediment, Water	Component of GIF-CB-17-05
GIF-CB-17-05C	3,185,227 Easting; 13,641,871 Northing	Sediment	Component of GIF-CB-17-05

Sample Number	Location (State Plane NAD 83)	Sample Matrix	Analyses*
GIF-CB-17-06	Station 300+00	Composited Sediment Sample	W, S, E, GS
GIF-CB-17-06A	3,180,587 Easting; 13,643,682 Northing	Sediment	Component of GIF-CB-17-06
GIF-CB-17-06B	3180596 Easting; 13643731 Northing	Sediment, Water	Component of GIF-CB-17-06
GIF-CB-17-06C	3,180,605 Easting; 13,643,780 Northing	Sediment	Component of GIF-CB-17-06
GIF-CB-17-07	Station 350+00	Composited Sediment Sample	W, S, E, GS
GIF-CB-17-07A	3,176,081 Easting; 13,645,599 Northing	Sediment	Component of GIF-CB-17-07
GIF-CB-17-07B	3,176,118 Easting; 13,645,633 Northing	Sediment, Water	Component of GIF-CB-17-07
GIF-CB-17-07C	3,176,155 Easting; 13,645,667 Northing	Sediment	Component of GIF-CB-17-07

GIF-CB-17-08	Station 400+000	Composited Sediment Sample	W, S, E, GS, TSS
GIF-CB-17-08A	3,174,582 Easting; 13,650,247 Northing	Sediment	Component of GIF-CB-17-08
GIF-CB-17-08B	3,174,632 Easting; 13,650,243 Northing	Sediment, Water	Component of GIF-CB-17-08
GIF-CB-17-08C	3,174,682 Easting; 13,650,238 Northing	Sediment	Component of GIF-CB-17-08

* W = Analysis of a water sample
 S = Analysis of a sediment sample
 E = Analysis of an elutriate sample
 GS = Grain-size analysis

Chain of Custody

Appropriate Chain of Custody protocols shall be followed. Guidance can be found in U.S. EPA (1986), U.S. EPA and USACE (1995), U.S. EPA and USACE (1998), and Plumb (1981).

Chemical Analyses

Each of the composite samples shall undergo the analyses shown in the Table above. These samples shall entail bulk sediment, water, elutriates and grain-size. All analyses shall be performed by a laboratory accredited by an accrediting authority recognized by the National Environmental Laboratory Accreditation Program (NELAP) for the analytes/analyte groups and matrices to be analyzed. All analyses shall be performed within the holding period described in the referenced guidance documents. Parameters to be analyzed are listed in the following table, along with required detection limits. Sediment sample data shall be reported as dry weight.

**Target Detection Levels^a (TDLs)
for Analysis of Sediment, Water, and Elutriate**

Chemical	Sediment	Water/Elutriate
Metals^c		
	mg/kg	µg/l
Antimony	2.5	3 (0.02) ^c
Arsenic	0.3 ^b	1 (0.005) ^c
Beryllium	1 ^b	0.2
Cadmium	0.1	1 (0.01) ^c
Chromium (total)	1 ^b	1
Chromium (3+)	1	1
Chromium (6+)	1	1
Copper	1 ^b	1 (0.1) ^c
Lead	0.3 ^b	1 (0.02) ^c
Mercury	0.2	0.2 (0.0002) ^c
Nickel	0.5 ^b	1 (0.1) ^c
Selenium	0.5 ^b	2
Silver	0.2	1 (0.1) ^c
Thallium	0.2	1 (0.02) ^c
Zinc	2 ^b	1 (0.5) ^c
Conventional/Ancillary Parameters		
	mg/kg	mg/l
Ammonia	0.1	0.07
Cyanides	2	0.1 ^d
Total Organic Carbon	0.1%	0.1%
Total Petroleum Hydrocarbons	5	0.1
Grain Size	1%	-
Total Solids/Dry Weight	0.1%	-

Chemical	Sediment	Water/Elutriate
LPAH Compounds		
	<i>µg/kg</i>	<i>µg/l</i>
Naphthalene	20	0.8 ^b
Acenaphthylene	20	1.0 ^b
Acenaphthene	20	0.75 ^b
Fluorene	20	0.6 ^b
Phenanthrene	20	0.5 ^b
Anthracene	20	0.6 ^b
HPAH Compounds		
	<i>µg/kg</i>	<i>µg/l</i>
Fluoranthene	20	0.9 ^b
Pyrene	20	1.5 ^b
Benzo(a)anthracene	20	0.4 ^b
Chrysene	20	0.3 ^b
Benzo(b&k)fluoranthene	20	0.6 ^b
Benzo(a)pyrene	20	0.3 ^b
Indeno[1,2,3-c,d]pyrene	20	1.2 ^b
Dibenzo[a,h]anthracene	20	1.3 ^b
Benzo[g,h,i]perylene	20	1.2 ^b
Organonitrogen Compounds		
	<i>µg/kg</i>	<i>µg/l</i>
Benzidine	5	1
3,3-Dichlorobenzidine	300 ^b	3 ^b
2,4-Dinitrotoluene	200 ^b	2 ^b
2,6-Dinitrotoluene	200 ^b	2 ^b
1,2-Diphenylhydrazine	10	1
Nitrobenzene	160 ^b	0.9 ^b
N-Nitrosodimethylamine	-	3.1 ^b
N-Nitrosodi-n-propylamine	150 ^b	0.9 ^b
N-Nitrosodiphenylamine	20	2.1 ^b
Phthalate Esters		
	<i>µg/kg</i>	<i>µg/l</i>
Dimethyl Phthalate	50	1 ^b
Diethyl Phthalate	50	1 ^b
Di-n-butyl Phthalate	50	1 ^b
Butyl Benzyl Phthalate	50	4 ^b
Bis[2-ethylhexyl] Phthalate	50	2 ^b

Chemical	Sediment	Water/Elutriate
Di-n-octyl Phthalate	50	3 ^b
Phenols/Substituted Phenols		
	<i>µg/kg</i>	<i>µg/l</i>
Phenol	100	10
2,4-Dimethylphenol	20	10
Pentachlorophenol	100	50
2,4,6-Trichlorophenol	140 ^b	0.9 ^b
4-Chloro-3-methylphenol	140 ^b	0.7 ^b
2-Nitrophenol	200 ^b	2 ^b
4-Nitrophenol	500 ^b	5 ^b
2,4-Dinitrophenol	500 ^b	5 ^b
2-Chlorophenol	110 ^b	0.9 ^b
2,4-Dichlorophenol	120 ^b	0.8 ^b
4,6-Dinitro-o-cresol	600	10

Polychlorinated Biphenyls		
	<i>µg/kg</i>	<i>µg/l</i>
Total PCB	1	0.01
Pesticides		
	<i>µg/kg</i>	<i>µg/l</i>
Aldrin	3 ^b	0.07 ^b
Chlordane and Derivatives	3 ^b	0.07 ^b
Dieldrin	5 ^b	0.02
4,4'-DDD	5 ^b	0.1
4,4'-DDE	5 ^b	0.1
4,4'-DDT	5 ^b	0.1
Endosulfan and Derivatives	5 ^b	0.1
Endrin and Derivatives	5 ^b	0.1
Heptachlor and Derivatives	3 ^b	0.1
Alpha-BHC	3 ^b	0.07
Beta-BHC	3 ^b	0.07
Delta-BHC	3 ^b	0.07
Gamma-BHC (Lindane)	3 ^b	0.1
Toxaphene	50	0.5

Chemical	Sediment	Water/Elutriate
Chlorinated Hydrocarbons		
	<i>µg/kg</i>	<i>µg/l</i>
1,3-Dichlorobenzene	20	0.9 ^b
1,4-Dichlorobenzene	20	1 ^b
1,2-Dichlorobenzene	20	0.8 ^b
1,2,4-Trichlorobenzene	10	0.9 ^b
Hexachlorobenzene	10	0.4 ^b
2-Chloronaphthalene	160 ^b	0.8 ^b
Hexachlorocyclopentadiene	300 ^b	3.0 ^b
Hexachloroethane	100	0.9 ^b
Hexachlorobutadiene	20	0.9 ^b
Halogenated Ethers		
	<i>µg/kg</i>	<i>µg/l</i>
Bis(2-chloroethyl)ether	130 ^b	0.9 ^b
4-Chlorophenyl phenyl ether	170 ^b	0.6 ^b
4-Bromophenyl phenyl ether	160 ^b	0.4 ^b
Bis(2-chloroisopropyl)ether	140 ^b	0.7 ^b
Bis(2-hloroethoxy)methane	130 ^b	1 ^b
Miscellaneous		
	<i>µg/kg</i>	<i>µg/l</i>
Isophorone	10	1

^aThe primary source of these TDLs was EPA 823-B-95-001, *QA/QC Guidance for Sampling and Analysis of Sediments, Water and Tissues for Dredged Material Evaluations*.

^bThese values are based on recommendations from the EPA Region 6 Laboratory in Houston; these values were based on data or other technical basis.

^cThe values in parentheses are based on EPA "clean techniques", (EPA 1600 series methods) which are applicable in instances where other TDLs are inadequate to assess EPA water quality criteria.

^dThis value recommended by Houston Lab using colorimetric method.

^eMetals shall be expressed as Dissolved values in water samples, except for mercury and selenium, which shall be reported as Total Recoverable Concentrations.

Laboratory Quality Control

The Laboratory Quality Control program must include, but not be limited to:

- a) The laboratory shall have current accreditation status, consistent with standards adopted by the National Environmental Laboratory Accreditation Conference (NELAC).
- b) Method Blanks - Shall be performed at a frequency of one per batch of samples, per matrix type, per sample extraction or preparation method.

- c) Laboratory Control Samples – Shall be analyzed at a minimum of 1 per batch of 20 or less samples per matrix type, per sample extraction or preparation method, except for analytes for which spiking solutions are not available.
- d) Matrix Spikes – Shall be performed at a frequency of 1 in 20 samples per matrix type, per sample extraction or preparation method, except for analytes for which spiking solutions are not available. The spike concentration shall be no greater than 25% to 50% of the maximum concentration along the linear segment of the instrument calibration curve for any analyte.
- e) Matrix Spike Duplicates – Shall be analyzed at a minimum of 1 in 20 samples per matrix type, per sample extraction or preparation method.
- f) Surrogates – Surrogate compounds must be added to all samples, standards, and blanks for all organic chromatography methods except when the matrix precludes its use or when a surrogate is not available.
- g) Field Equipment Blanks – Analysis shall be performed at a frequency of one per batch of samples collected.
- h) Calibration of instrumentation and performance of periodic instrument checks according to manufacturer and EPA recommendations, and appropriate SOPs.
- i) Participation in performance evaluation and method studies available from EPA, American Society for Testing and Materials (ASTM), or other agency. Performance evaluation under such a program is to be conducted, at least, on a semiannual basis.
- j) Each new shipment or lot of solvent, reagent or adsorbent will be evaluated for purity in accordance with appropriate SOPs.
- k) Standards will be prepared and verified in accordance with appropriate SOPs.
- l) Calculation of QC limits and preparation of control charts will be performed in accordance with appropriate SOPs.
- m) Out of control events, or outlier data will be noted and corrective action will be taken in accordance with appropriate SOPs.

Documentation of all Quality Control activities performed specifically in conjunction with this project is to be furnished along with sample results. Copies of all raw data, lab notes, chromatograms, standard curves, etc. shall be furnished upon request.

Report

Deliverables shall include a brief letter report for each of the 3 project areas. The reports are describing sampling activities, chemical data, and Quality Control data requested above. Only one hard copy of each report shall be submitted. In addition to the hard copy, a CD-ROM shall be

provided, and shall contain MS Word and/or Excel files used to report the required data, along with a PDF formatted version of the final report. Also, PDF files of all laboratory reports for chemical and physical analyses/characterization as well as Laboratory Electronic Data Deliverables (EDDs) in Excel format only.

Schedule

The work described in this Scope of Work shall be completed according to the following schedule and in the following order:

GIWW: Freeport to Caney Creek

Field Work (Sample Collection).....	30 Days after NTP
Laboratory - Chemical Analyses Completed.....	90 Days after NTP
Submit Data Report.....	120 Days after NTP

GIWW: Across Aransas Bay

Field Work (Sample Collection).....	130 Days after NTP
Laboratory - Chemical Analyses Completed.....	190 Days after NTP
Submit Data Report.....	220 Days after NTP

Chocolate Bayou

Field Work (Sample Collection).....	230 Days after NTP
Laboratory - Chemical Analyses Completed.....	290 Days after NTP
Submit Data Report.....	350 Days after NTP

References

Plumb, R.H., Jr. 1981. *Procedure for Handling and Chemical Analysis of Sediment and Water Samples*. EPA/CE-81-1. Prepared by State University College at Buffalo, Great Lakes

Attachment D
Sampling and Analysis Results Tables

Table 1
Sample Station GPS Locations and Analysis to be Performed
GIWW Across Aransas Bay - November 2017

GIWW Across Aransas Bay			
Sample Number	Location (State Plane NAD 83)	Sample Matrix	Analyses*
GIC-AB-17-02	Station 835+000	Composited Sediment Sample	S, E, GS
GIC-AB-17-02A	2,638,444 Easting; 13,234,278 Northing	Sediment	Component of GIC-AB-17-02
GIC-AB-17-02B	2,638,403 Easting; 13,234,307 Northing	Sediment	Component of GIC-AB-17-02
GIC-AB-17-02C	2,638,364 Easting; 13,234,335 Northing	Sediment	Component of GIC-AB-17-02
GIC-AB-17-03	Station 840+000	Composited Sediment Sample	S, E, GS
GIC-AB-17-03A	2,635,483 Easting; 13,230,248 Northing	Sediment	Component of GIC-AB-17-03
GIC-AB-17-03B	2,635,443 Easting; 13,230,277 Northing	Sediment	Component of GIC-AB-17-03
GIC-AB-17-03C	2,635,402 Easting; 13,230,308 Northing	Sediment	Component of GIC-AB-17-03
GIC-AB-17-04	Station 845+000	Composited Sediment Sample	S, E, GS
GIC-AB-17-04A	2,632,522 Easting; 13,226,220 Northing	Sediment	Component of GIC-AB-17-04
GIC-AB-17-04B	2,632,481 Easting; 13,226,248 Northing	Sediment	Component of GIC-AB-17-04
GIC-AB-17-04C	2,632,442 Easting; 13,226,278 Northing	Sediment	Component of GIC-AB-17-04
GIC-AB-17-05	Station 850+000	Composited Sediment Sample	S, E, GS
GIC-AB-17-05A	2,629,561 Easting; 13,222,190 Northing	Sediment	Component of GIC-AB-17-05
GIC-AB-17-05B	2,629,520 Easting; 13,222,219 Northing	Sediment	Component of GIC-AB-17-05
GIC-AB-17-05C	2,629,480 Easting; 13,222,246 Northing	Sediment	Component of GIC-AB-17-05
GIC-AB-17-06	Station 855+000	Composited Sediment Sample	W, S, E, GS
GIC-AB-17-06A	2,626,600 Easting; 13,218,162 Northing	Sediment	Component of GIC-AB-17-06

GIWW Across Aransas Bay

Sample Number	Location (State Plane NAD 83)	Sample Matrix	Analyses*
GIC-AB-17-06B	2,626,560 Easting; 13,218,191 Northing	Sediment, Water, Elutriate	Component of GIC-AB-17-06
GIC-AB-17-06C	2,626,520 Easting; 13,218,220 Northing	Sediment	Component of GIC-AB-17-06
GIC-AB-17-07	Station 860+000	Composited Sediment Sample	S, E, GS
GIC-AB-17-07A	2,623,639 Easting; 13,214,134 Northing	Sediment	Component of GIC-AB-17-07
GIC-AB-17-07B	2,623,598 Easting; 13,214,162 Northing	Sediment	Component of GIC-AB-17-07
GIC-AB-17-07C	2,623,558 Easting; 13,214,192 Northing	Sediment	Component of GIC-AB-17-07
GIC-AB-17-08	Station 865+000	Composited Sediment Sample	S, E, GS
GIC-AB-17-08A	2,620,676 Easting; 13,210,103 Northing	Sediment	Component of GIC-AB-17-08
GIC-AB-17-08B	2,620,637 Easting; 13,210,133 Northing	Sediment, Elutriate	Component of GIC-AB-17-08
GIC-AB-17-08C	2,620,597 Easting; 13,210,162 Northing	Sediment	Component of GIC-AB-17-08
GIC-AB-17-09	Station 870+000	Composited Sediment Sample	S, E, GS
GIC-AB-17-09A	2,617,633 Easting; 13,206,135 Northing	Sediment	Component of GIC-AB-17-09
GIC-AB-17-09B	2,617,594 Easting 13,206,166 Northing	Sediment	Component of GIC-AB-17-09
GIC-AB-17-09C	2,617,554 Easting; 13,206,196 Northing	Sediment	Component of GIC-AB-17-09
GIC-AB-17-10	Station 875+000	Composited Sediment Sample	S, E, GS
GIC-AB-17-10A	2,614,569 Easting; 13,202,184 Northing	Sediment	Component of GIC-AB-17-10
GIC-AB-17-10B	2,614,530 Easting; 13,202,215 Northing	Sediment	Component of GIC-AB-17-10
GIC-AB-17-10C	2,614,490 Easting; 13,202,245 Northing	Sediment	Component of GIC-AB-17-10
GIC-AB-17-11	Station 880+000	Composited Sediment Sample	W, S, E, GS
GIC-AB-17-11A	2,611,506 Easting; 13,198,233 Northing	Sediment	Component of GIC-AB-17-11

GIWW Across Aransas Bay

Sample Number	Location (State Plane NAD 83)	Sample Matrix	Analyses*
GIC-AB-17-11B	2,611,466 Easting; 13,198,263 Northing	Sediment, Water	Component of GIC-AB-17-11
GIC-AB-17-11C	2,611,427 Easting; 13,198,294 Northing	Sediment	Component of GIC-AB-17-11
GIC-AB-17-12	Station 885+000	Composited Sediment Sample	S, E, GS
GIC-AB-17-12A	2,608,442 Easting; 13,194,281 Northing	Sediment	Component of GIC-AB-17-12
GIC-AB-17-12B	2,608,402 Easting; 13,194,312 Northing	Sediment	Component of GIC-AB-17-12
GIC-AB-17-12C	2,608,363 Easting; 13,194,343 Northing	Sediment	Component of GIC-AB-17-12
GIC-AB-17-13	Station 890+000	Composited Sediment Sample	S, E, GS
GIC-AB-17-13A	2,605,371 Easting; 13,190,332 Northing	Sediment	Component of GIC-AB-17-13
GIC-AB-17-13B	2,605,333 Easting; 13,190,365 Northing	Sediment	Component of GIC-AB-17-13
GIC-AB-17-13C	2,605,296 Easting; 13,190,398 Northing	Sediment	Component of GIC-AB-17-13
GIC-AB-17-14	Station 895+000	Composited Sediment Sample	S, E, GS
GIC-AB-17-14A	2,600,752 Easting; 13,188,509 Northing	Sediment	Component of GIC-AB-17-14
GIC-AB-17-14B	2,600,738 Easting; 13,188,557 Northing	Sediment, Water	Component of GIC-AB-17-14
GIC-AB-17-14C	2,600,724 Easting; 13,188,605 Northing	Sediment	Component of GIC-AB-17-14
GIC-AB-17-15	Station 900+000	Composited Sediment Sample	S, E, GS
GIC-AB-17-15A	2,595,957 Easting; 13,187,092 Northing	Sediment	Component of GIC-AB-17-15
GIC-AB-17-15B	2,595,943 Easting; 13,187,140 Northing	Sediment	Component of GIC-AB-17-15
GIC-AB-17-15C	2,595,929 Easting; 13,187,189 Northing	Sediment	Component of GIC-AB-17-15
Placement Area No. 133			
GIC-AB-17- PA133	Station 850+000	Composited Sediment Sample	S, GS

GIWW Across Aransas Bay

Sample Number	Location (State Plane NAD 83)	Sample Matrix	Analyses*
GIC-AB-17-PA133A	2,628,325 Easting; 13,223,130 Northing	Sediment	Component of GIC-AB-17-PA133
GIC-AB-17-PA133B	2,628,341 Easting; 13,223,085 Northing	Sediment	Component of GIC-AB-17-PA133
GIC-AB-17-PA133C	2,628,458 Easting; 13,223,155 Northing	Sediment	Component of GIC-AB-17-PA133
Reference Area No. 133			
GIC-AB-17-REF133	Station 850+000	Composited Sediment Sample	S, GS
GIC-AB-17-REF133A	2,631,167 Easting; 13,221,076 Northing	Sediment	Component of GIC-AB-17-REF133
GIC-AB-17-REF133B	2,631,212 Easting; 13,221,120 Northing	Sediment, Water	Component of GIC-AB-17-REF133
GIC-AB-17-REF133C	2,631,129 Easting; 13,221,127 Northing	Sediment	Component of GIC-AB-17-REF133

Table 2
Parameters Determined by Chemical Analysis
GIWW Across Aransas Bay - November 2017

Volatiles		
Ethylbenzene	Trichloroethene	Xylenes, Total
Tetrachloroethene		
Semivolatiles		
1,2,4-Trichlorobenzene	4-Chloro-3-methylphenol	Diethyl phthalate
1,2-Dichlorobenzene	4-Nitrophenol	Dimethyl phthalate
1,2-Diphenylhydrazine as Azobenzene	Acenaphthene	Di-n-butyl phthalate
1,3-Dichlorobenzene	Acenaphthylene	Di-n-octyl Phthalate
1,4-Dichlorobenzene	Anthracene	Fluoranthene
2,4,6-Trichlorophenol	Benzidine	Fluorene
2,4-Dichlorophenol	Benzo(a)anthracene	Hexachlorobenzene
2,4-Dimethylphenol	Benzo(a)pyrene	Hexachlorobutadiene
2,4-Dinitrophenol	Benzo(b)fluoranthene	Hexachlorocyclopentadiene
2,4-Dinitrotoluene	Benzo(g,h,i)perylene	Hexachloroethane
2,6-Dinitrotoluene	Benzo(k)fluoranthene	Indeno(1,2,3-cd)pyrene
2-Chloronaphthalene	Benzoic acid	Isophorone
2-Chlorophenol	Benzyl alcohol	Naphthalene
2-Methylnaphthalene	Bis(2-chloroethoxy) methane	Nitrobenzene
2-Methylphenol	Bis(2-chloroethyl) ether	n-Nitrosodimethylamine
2-Nitrophenol	Bis(2-chloroisopropyl) ether	n-nitrosodi-n-propylamine
3,3-Dichlorobenzidine	Bis(2-ethylhexyl)phthalate	n-Nitrosodiphenylamine
3&4 Methylphenol	Butyl benzyl phthalate	Pentachlorophenol
4,6-Dinitro-2-methylphenol	Chrysene	Phenanthrene
4-Chlorophenyl phenyl ether	Dibenzo(a,h)anthracene	Phenol
4-Bromophenyl phenyl ether	Dibenzofuran	Pyrene
Organochlorine Pesticides		
4,4'-DDD	Chlordane	Endrin Aldehyde
4,4'-DDE	Delta-BHC (d-BHC)	Endrin Ketone
4,4'-DDT	Dieldrin	Gamma-BHC (g-BHC or y-BHC)
Alpha-BHC (a-BHC)	Endosulfan I	Heptachlor
Alpha-Chlordane (a-Chlordane)	Endosulfan II	Heptachlor Epoxide
Aldrin	Endosulfan Sulfate	Toxaphene
Beta-BHC (b-BHC)	Endrin	Gamma-Chlordane (g-Chlordane or y-Chlordane)
Metals		
Antimony	Copper	Thallium
Arsenic	Lead	Zinc
Beryllium	Nickel	Chromium(3+)
Cadmium	Selenium	Chromium(6+)
Chromium	Silver	Mercury
Polychlorinated Biphenyls		
Total PCB		
Miscellaneous Parameters		
Ammonia (Water/Elutriate Only)	Grain Size (sand)	Total Petroleum Hydrocarbons
Cyanides	Grain Size (silt)	Total Solids/ Dry Weight
Total Volatile Solids	Grain Size (clay)	Percent (%) Moisture
Total Organic Carbon		

Table 3
Sediment Chemistry Results, in dry weight
GIWW Across Arkansas Bay - November 2017

Analyte	Units	TDL	Maximum SDL	NOAA ERL	NOAA ERM	PCL	GIC-AB-17															
							02	03	04	05	06	07	08	09								
Pesticides																						
Heptachlor epoxide	ug/kg	3	0.679	N/A	N/A	1.9	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.611	J, P	0.603	J, P					
Metals																						
Antimony	mg/kg	2.5	0.382	N/A	N/A	310	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL					
Arsenic	mg/kg	0.3	0.382	8.20	70.00	200	3.46	3.33	3.08	3.80	3.75	3.64	3.54	3.54	4.09							
Beryllium	mg/kg	1	0.0089	N/A	N/A	250	0.543	0.465	0.489	0.755	0.787	0.805	0.773	0.798								
Cadmium	mg/kg	0.1	0.038	1.20	9.60	770	0.097	J	0.0877	J	0.0859	J	0.122	J	0.121	J	0.120	J	0.129	J	0.144	J
Chromium	mg/kg	1	3.817	81.0	370.0	7.50E+04	9.58	8.80	8.62	14.4	14.4	13.9	13.8	14.5								
Copper	mg/kg	0.3	0.153	34.0	270.0	94000	5.35	4.82	5.11	7.51	7.41	7.37	7.53	8.09								
Lead	mg/kg	0.3	0.113	46.70	218.00	1600	9.09	8.19	10.2	16.1	15.9	16.0	16.0	16.0								
Mercury	mg/kg	0.2	0.045	0.15	0.71	3.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL								
Nickel	mg/kg	0.5	0.076	20.90	51.60	8600	7.89	6.90	6.92	10.8	10.8	10.6	10.5	10.9								
Selenium	mg/kg	0.5	0.763	N/A	N/A	4900	1.31	1.31	1.30	1.84	1.81	1.78	1.86	1.94								
Silver	mg/kg	0.2	0.0191	1	3.70	2300	0.0332	J	0.0322	J	0.031	J	0.0474	J	0.0502	J	0.0478	J	0.051	J	0.0506	J
Thallium	mg/kg	0.2	0.0525	N/A	N/A	65	0.111	J	0.114	J	0.0955	J	0.162	J	0.167	J	0.155	J	0.157	J	0.167	J
Zinc	mg/kg	2	2.262	150	410	2.50E+05	26.5	23.8	23.9	36.3	36.2	35.6	35.2	37.4								
Chromium(3+)	mg/kg	1	3.817	N/A	N/A	75000	9.58	8.80	8.62	14.4	14.4	13.9	13.8	14.5								
Conventional Parameters																						
Ammonia	mg/kg	0.1	152.7	N/A	N/A	3500	100	J	82.0	J	93.0	J	142	J	159	J	147	J	149	J	187	J
Total Petroleum Hydrocarbons	mg/kg	5	76.3	N/A	N/A	7800.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL								
Total Organic Carbon (TOC)	%	0.01	0.191	N/A	N/A	N/A	2.36	2.54	2.17	3.23	3.64	3.72	3.30	3.49								
Total Solids/ Dry Weight	%	0.01	0.01	N/A	N/A	N/A	36.1	34.2	41.9	25.3	23.9	25.1	25.5	25.7								

*Dup-1 = PT-16-03

*BDL = Below Detection Limit

*J = The reported value is between the Method Detection Limit (MDL) and the practical quantitation Reporting Limit (RL).

*n = Not offered for accreditation

*ERL = Effects Range Low; NOAA guidelines used to determine a possible cause for concern if value exceeds ERL.

*ERM = Effects Range Median; NOAA guidelines used to determine a possible cause for concern if value exceeds ERM.

*P = Dual column results percent difference > 40%

Table 3
Sediment Chemistry Results, in dry weight
GIWW Across Aransas Bay - November 2017

Analyte	Units	TDL	Maximum SDL	NOAA ERL	NOAA ERM	PCL	GIF-CB-17															
							10	11	12	13	14	15	PA133	REF122								
Pesticides																						
Heptachlor epoxide	ug/kg	3	0.679	N/A	N/A	1.9	BDL	0.648	J, P	0.589	J, P	BDL	BDL	BDL	BDL	BDL						
Metals																						
Antimony	mg/kg	2.5	0.382	N/A	N/A	310	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL						
Arsenic	mg/kg	0.3	0.382	8.20	70.00	200	3.69	3.70	4.18	3.75	3.92	6.33	1.63	3.85								
Beryllium	mg/kg	1	0.0089	N/A	N/A	250	0.794	0.738	0.787	0.841	0.83	0.765	0.274	0.488								
Cadmium	mg/kg	0.1	0.038	1.20	9.60	770	0.139	J	0.131	J	0.138	J	0.138	J	0.326	J	0.0359	J	0.0992	J		
Chromium	mg/kg	1	3.817	81.0	370.0	7.50E+04	14.2	12.9	12.9	14.8	14.3	14.7	4.57	9.62								
Copper	mg/kg	0.3	0.153	34.0	270.0	94000	7.77	7.15	7.73	7.95	7.85	14.3	2.50	5.12								
Lead	mg/kg	0.3	0.113	46.70	218.00	1600	16.0	15.1	14.5	15.6	15.2	15.8	4.23	8.32								
Mercury	mg/kg	0.2	0.045	0.15	0.71	3.3	BDL	BDL	0.0355	J	BDL	BDL	BDL	BDL								
Nickel	mg/kg	0.5	0.076	20.90	51.60	8600	10.6	9.92	10.4	11.2	11.0	12.3	3.69	7.45								
Selenium	mg/kg	0.5	0.763	N/A	N/A	4900	1.86	1.80	1.55	1.57	1.62	1.94	0.563	1.22	J							
Silver	mg/kg	0.2	0.0191	1	3.70	2300	0.0504	J	0.050	J	0.0461	J	0.0502	J	0.0486	J	0.0679	J	0.0136	J	0.0321	J
Thallium	mg/kg	0.2	0.0525	N/A	N/A	65	0.164	J	0.146	J	0.131	J	0.142	J	0.138	J	0.167	J	0.0586	J	0.0992	J
Zinc	mg/kg	2	2.262	150	410	2.50E+05	35.7	32.7	34.5	36.9	35.8	56.1	12.2	26.3								
Chromium(3+)	mg/kg	1	3.817	N/A	N/A	75000	14.2	12.9	12.9	14.8	14.3	14.7	4.57	9.62								
Conventional Parameters																						
Ammonia	mg/kg	0.1	152.7	N/A	N/A	3500	134	J	204	J	223	J	184	J	117	J	353	J	BDL	160	J	
Total Petroleum Hydrocarbons	mg/kg	5	76.3	N/A	N/A	7800.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL								
Total Organic Carbon (TOC)	%	0.01	0.191	N/A	N/A	N/A	3.90	3.53	3.07	3.44	3.35	3.88	1.75	6.92								
Total Solids/ Dry Weight	%	0.01	0.01	N/A	N/A	N/A	23.8	26.0	28.2	23.9	24.7	22.1	52.9	13.1								

*Dup-1 = PT-16-03

*BDL = Below Detection Limit

*J = The reported value is between the Method Detection Limit (MDL) and the practical quantitation Reporting Limit (RL).

*n = Not offered for accreditation

*ERL = Effects Range Low; NOAA guidelines used to determine a possible cause for concern if value exceeds ERL.

*ERM = Effects Range Median; NOAA guidelines used to determine a possible cause for concern if value exceeds ERM.

*P = Dual column results percent difference > 40%

Table 4
Water Chemistry Results
GIWW Across Aransas Bay - November 2017

Analyte	Units	TDL	Maximum SDL	TWQS*	CMC*	GIF-CB-17-06		GIF-CB-17-11	
Pesticides									
Alpha-Chlordane	ug/L	0.03	0.003	0.09	0.09	BDL		0.0109 P	
Gamma-Chlordane	ug/L	0.03	0.003	0.09	0.09	BDL		0.0131 P	
Chlordane	ug/L	0.07	0.003	0.09	0.09	BDL		0.024 P	
Endosulfan I	ug/L	0.1	0.003	0.034	0.034	BDL		0.0124 P	
Metals									
Antimony	ug/L	3	1	N/A	1500	1.27	J	BDL	
Arsenic	ug/L	1	1	149	69.0	4.28		4.35	
Beryllium	ug/L	0.2	0.05	N/A	N/A	BDL		BDL	
Cadmium	ug/L	0.1	0.25	40.0	40.0	BDL		BDL	
Chromium	ug/L	1	0.4	N/A	N/A	2.560	J	1.910	J
Copper	ug/L	1	1	13.5	4.8	2.56	J	2.24	J
Lead	ug/L	1	0.5	133	210.0	1.30	J	0.96	J
Mercury	ug/L	0.2	0.15	2.1	1.8	BDL		BDL	
Nickel	ug/L	1	0.25	118	74.0	2.44	J	2.00	J
Selenium	ug/L	2	1.665	564	290.0	5.06	J	3.25	J
Silver	ug/L	1	0.15	2	0.95	BDL		BDL	
Thallium	ug/L	1	0.15	N/A	N/A	BDL		BDL	
Zinc	ug/L	1	1	92.7	90	5.10	J	4.00	J
Chromium(3+)	ug/L	1	1.5	N/A	N/A	2.56	J	1.91	J
Conventional Parameters									
Ammonia	mg/L	0.07	0.02	N/A	23.7	0.402		0.427	
Total Organic Carbon (TOC)	%	0.1	0.00005	N/A	N/A	0.000371		0.000339	

*BDL = Below Detection Limit

*J = The reported value is between the Method Detection Limit (MDL) and the practical quantitation Reporting Limit (RL)

*P = Dual column results percent difference > 40%

TDL = Target Detection Level; Sample Detection Level

** TWQS = acute Texas Water Quality Standards and EPA Criteria Maximum Concentration for Saltwater

**CMC = EPA Water Quality Standards Criteria Maximum Concentration for Saltwater

Table 5
Elutriate Chemistry Results
GIWW Across Aransas Bay - November 2017

Analyte	Units	TDL	Maximum SDL	TWQS*	CMC*	GIF-CB-17									
						02	03	04	05	06	07	08			
Pesticides															
Chlordane	ug/L	0.07	0.003	0.09	0.09	0.0128	0.0092	P	0.013	0.0134	0.014	0.0151	0.0117		
Heptachlor	ug/L	0.1	0.003	0.053	0.0265	0.0128	0.0092	P	0.013	0.0134	0.014	0.0151	0.0117		
Metals															
Antimony	ug/L	3	1	N/A	1500	BDL	1.52	J	1.30	J	BDL	BDL	BDL	BDL	
Arsenic	ug/L	1	1	149	69.0	18.60	18.2		16.7		11.6	12.8	12.6	15.3	
Beryllium	ug/L	0.2	0.05	N/A	N/A	BDL	BDL		0.086	J	BDL	BDL	BDL	BDL	
Cadmium	ug/L	0.1	0.25	40.0	40.0	BDL	BDL		BDL		BDL	BDL	BDL	BDL	
Chromium	ug/L	1	0.4	N/A	N/A	BDL	BDL		BDL		BDL	BDL	BDL	0.405	
Copper	ug/L	1	1	13.5	4.8	2.24	J	2.77	J	1.41	J	1.55	J	1.13	J
Lead	ug/L	1	0.5	133	210.0	BDL	BDL		BDL		0.662	J	BDL	BDL	BDL
Mercury	ug/L	0.2	0.15	2.1	1.8	BDL	BDL		BDL		BDL	BDL	BDL	BDL	
Nickel	ug/L	1	0.25	118	74.0	1.57	J	1.33	J	1.32	J	1.29	J	1.20	J
Selenium	ug/L	2	1.665	564	290.0	3.95	J	4.31	J	4.52	J	4.79	J	3.47	J
Silver	ug/L	1	0.15	2	0.95	BDL	BDL		BDL		BDL	BDL	BDL	BDL	
Thallium	ug/L	1	0.15	N/A	N/A	BDL	BDL		BDL		BDL	BDL	BDL	BDL	
Zinc	ug/L	1	1	92.7	90	2.08	J	2.54	J	1.09	J	1.23	J	1.13	J
Chromium(3+)	ug/L	1	1.5	N/A	N/A	BDL	BDL		BDL		BDL	BDL	BDL	BDL	
Conventional Parameters															
Ammonia	mg/L	0.07	0.02	N/A	23.7	4.98		4.10		3.72		3.58		3.68	
Total Organic Carbon (TOC)	%	0.1	0.00005	N/A	N/A	0.000556		0.000511		0.00053		0.000543		0.000551	

*BDL = Below Detection Limit

*J = The reported value is between the Method Detection Limit (MDL) and the practical quantitation Reporting Limit (RL)

*P = Dual column results percent difference > 40%

TDL = Target Detection Level; Sample Detection Level

** TWQS = acute Texas Water Quality Standards and EPA Criteria Maximum Concentration for Saltwater

**CMC = EPA Water Quality Standards Criteria Maximum Concentration for Saltwater

Table 5
Elutriate Chemistry Results
GIWW Across Aransas Bay - November 2017

Analyte	Units	TDL	Maximum SDL	TWQS*	CMC*	GIF-CB-17													
						09	10	11	12	13	14	15							
Pesticides																			
Chlordane	ug/L	0.07	0.003	0.09	0.09	0.0144	0.0121	0.0124	0.0157	0.0168	0.0206	BDL							
Heptachlor	ug/L	0.1	0.003	0.053	0.0265	0.0144	0.0121	0.0124	0.0157	0.0168	0.0206	BDL							
Metals																			
Antimony	ug/L	3	1	N/A	1500	BDL	1.39	J	1.17	J	BDL	1.00	J	BDL	BDL				
Arsenic	ug/L	1	1	149	69.0	20.2	14.5		20.5		23.6	16.1		17.6	58.2				
Beryllium	ug/L	0.2	0.05	N/A	N/A	BDL	BDL		BDL		BDL	BDL		BDL	BDL				
Cadmium	ug/L	0.1	0.25	40.0	40.0	BDL	BDL		BDL		BDL	BDL		BDL	BDL				
Chromium	ug/L	1	0.4	N/A	N/A	BDL	BDL		BDL		BDL	BDL		BDL	BDL				
Copper	ug/L	1	1	13.5	4.8	1.40	J	1.10	J	1.99	J	1.26	J	1.70	J	2.82	J	1.04	J
Lead	ug/L	1	0.5	133	210.0	BDL		BDL		BDL		BDL		BDL		BDL		BDL	
Mercury	ug/L	0.2	0.15	2.1	1.8	BDL		BDL		BDL		BDL		BDL		BDL		BDL	
Nickel	ug/L	1	0.25	118	74.0	1.38	J	1.33	J	1.38	J	1.23	J	1.11	J	1.44	J	2.75	J
Selenium	ug/L	2	1.665	564	290.0	4.61	J	4.47	J	3.94	J	4.56	J	5.40	J	4.54	J	5.15	J
Silver	ug/L	1	0.15	2	0.95	BDL		BDL		BDL		BDL		BDL		BDL		BDL	
Thallium	ug/L	1	0.15	N/A	N/A	BDL		BDL		BDL		BDL		0.245	J	BDL		BDL	
Zinc	ug/L	1	1	92.7	90	BDL		1.54	J	1.69	J	1.16	J	1.37	J	2.58	J	1.69	J
Chromium(3+)	ug/L	1	1.5	N/A	N/A	BDL		BDL		BDL		BDL		BDL		BDL		BDL	
Conventional Parameters																			
Ammonia	mg/L	0.07	0.02	N/A	23.7	5.97		3.78		6.10		6.13		4.66		5.15		11.6	
Total Organic Carbon (TOC)	%	0.1	0.00005	N/A	N/A	0.00585		0.000633		0.000639		0.000532		0.000589		0.000646		0.000495	

*BDL = Below Detection Limit

*J = The reported value is between the Method Detection Limit (MDL) and the practical quantitation Reporting Limit (RL)

*P = Dual column results percent difference > 40%

TDL = Target Detection Level; Sample Detection Level

** TWQS = acute Texas Water Quality Standards and EPA Criteria Maximum Concentration for Saltwater

**CMC = EPA Water Quality Standards Criteria Maximum Concentration for Saltwater

Table 6
Grain Size Analyses Summary
GIWW Across Aransas Bay - November 2017

Sample ID	Gravel	Sand					Silt					Clay
	Crn %	Crs %	Med %	Fine %	Vf %	Total	Crs %	Med %	Fine %	Vf %	Total	Total %
GIC-AB-17-02	0.00	0.6	1.4	11.7	25.8	39.4	15.1	7.0	9.6	10.6	42.3	18.2
GIC-AB-17-03	0.00	0.0	0.7	9.8	16.3	26.9	13.9	10.2	13.3	15.3	52.6	20.6
GIC-AB-17-04	0.00	0.0	0.4	2.4	3.9	6.6	6.8	13.0	22.6	23.7	66.1	27.3
GIC-AB-17-05	0.00	0.0	0.0	0.2	1.2	1.4	3.2	9.6	22.5	27.3	62.6	36.0
GIC-AB-17-06	0.00	0.0	0.0	0.0	0.7	0.7	3.4	12.4	27.3	27.6	70.7	28.5
GIC-AB-17-07	0.00	0.0	0.0	0.2	1.2	1.4	3.2	11.3	26.1	27.8	68.4	30.2
GIC-AB-17-08	0.00	0.0	0.0	0.0	0.8	0.8	2.6	10.7	25.4	28.2	66.9	32.3
GIC-AB-17-09	0.00	0.0	0.2	0.5	1.5	2.2	3.9	11.3	24.4	27.1	66.7	31.1
GIC-AB-17-10	0.00	0.0	0.0	0.2	1.1	1.3	3.1	11.8	26.9	28.1	69.9	28.8
GIC-AB-17-11	0.00	0.1	0.6	0.6	1.0	2.3	2.9	10.7	24.8	27.9	66.3	31.4
GIC-AB-17-12	0.00	0.0	0.0	0.6	1.3	1.9	4.8	12.0	23.6	26.5	66.9	31.2
GIC-AB-17-13	0.00	0.1	0.2	0.7	1.7	2.7	3.8	11.3	23.8	26.6	65.5	31.8
GIC-AB-17-14	0.00	2.1	0.5	0.5	1.4	4.5	3.6	11.1	24.1	26.3	65.1	30.4
GIC-AB-17-15	0.00	0.6	1.5	3.3	6.2	11.6	11.3	18.9	21.9	17.3	69.4	19.0
GIC-AB-17-PA133	0.00	0.0	0.9	19.5	19.8	40.2	2.6	4.3	9.4	15.0	31.3	28.5
GIC-AB-17-REF133	0.00	37.7	0.6	10.6	9.4	58.3	4.6	5.8	8.4	10.1	28.8	12.9

Table 7
Statistical Summary of Sediment Grain Size Analysis
GIWW Across Aransas Bay - November 2017

Sample ID	Median (mm)	Trask (mm)				Folk (phi)			
		Mean	Sorting	Skewness	Kurtosis	Mean	Sorting	Skewness	Kurtosis
GIC-AB-17-02	0.0419	0.0490	3.8719	0.3208	0.3071	5.3111	2.4677	0.4449	0.8157
GIC-AB-17-03	0.0166	0.0363	3.7293	1.1975	0.2482	5.8878	2.4303	0.0586	0.8294
GIC-AB-17-04	0.0076	0.0101	2.1508	1.0220	0.1591	7.0544	1.9359	0.0075	1.2658
GIC-AB-17-05	0.0057	0.0066	2.0390	0.8500	0.2177	7.6813	1.6887	0.1692	1.1143
GIC-AB-17-06	0.0068	0.0078	1.8804	0.8983	0.2260	7.3609	1.5406	0.1947	1.1965
GIC-AB-17-07	0.0065	0.0075	1.9090	0.8950	0.2222	7.4291	1.5783	0.1803	1.1917
GIC-AB-17-08	0.0062	0.0070	1.9242	0.8758	0.2292	7.5447	1.5725	0.2044	1.1477
GIC-AB-17-09	0.0064	0.0076	1.9665	0.9121	0.2078	7.4352	1.6669	0.1403	1.2031
GIC-AB-17-10	0.0067	0.0077	1.8742	0.9053	0.2225	7.3772	1.5488	0.1863	1.2146
GIC-AB-17-11	0.0063	0.0073	1.9295	0.9055	0.2159	7.4720	1.6158	0.1582	1.2022
GIC-AB-17-12	0.0065	0.0078	2.0068	0.9225	0.2026	7.4102	1.6969	0.1284	1.1792
GIC-AB-17-13	0.0064	0.0076	2.0031	0.9094	0.2070	7.4557	1.7045	0.1331	1.1938
GIC-AB-17-14	0.0066	0.0080	1.9965	0.9240	0.1932	7.3679	1.7689	0.0826	1.2940
GIC-AB-17-15	0.0121	0.0168	2.3459	1.0095	0.1655	6.3668	2.0379	0.0180	1.2010
GIC-AB-17-PA133	0.0119	0.0576	5.8285	2.6127	0.3357	6.1184	2.8085	-0.0571	0.6601
GIC-AB-17-REF133	0.1180	0.5951	11.4401	0.7658	0.4044	3.4461	3.5836	0.2043	0.6006

Attachment E
Chemical Data and Laboratory Analyses
QA/QC Reports

LABORATORY ANALYSIS REPORT



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Project ID :

GIWW Across Aransas Bay (5024)

Report To : Anamar Env Consulting, Inc.
2106 NW 67th Place

Attn: Terence Cake

Gainesville, FL 32653

Dear Terence Cake,

The following test results meet all NELAP requirements for analytes for which certification is available. Any deviations from our quality system will be noted in the case narrative. All analyses performed by North Water District Laboratory Services, Inc. unless noted.

For questions regarding this report, contact Monica Martin at 936-321-6060.

A handwritten signature in black ink, appearing to read "Monica O. Martin", is written over a horizontal line.

Monica O. Martin
Laboratory Director

CASE NARRATIVE



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)
Date Received: 11/09/2017
Collected By: Dillon Johnston - Lloyd

A total of 33 samples were collected from 11/07/2017 - 11/08/2017. They were received at NWDLS on 11/09/2017 properly thermally preserved and intact. These samples received a job number of 1711131. The lab sample (job sample) IDs, client sample IDs, and dates of collection can be found at the top of each result page. All method specified calibrations and quality control performance criteria were met for this job. For additional information, please refer to the included quality control data pages, chain of custodies, and provided EDD.

NWDLS provided their lowest detection limit for all requested parameters. Note that detection and reporting limits are adjusted to account for sample specific parameters.

Any QC that did not meet the laboratory specified control limits was flagged and reported with qualifiers. No data was affected by QC outside the laboratory specified control limits.

Mmartin
Lab Director

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-EQUIP BLK
 Job Sample ID: 1711131.01
 Other Information: Grab - Equipment Blank

Sample Matrix: Water
 Date Collected: 11/08/2017
 Time Collected: 12:30

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
Calculation	Chromium, Dissolved Trivalent									
	Trivalent Chromium	< 1.50	U	ug/L	1	3.00	1.50		12/29/2017 13:35	MM
EPA 200.8	Metals, Dissolved									
	Antimony	< 0.200	U	ug/L	1	1.00	0.200		11/21/2017 17:21	CL
	Arsenic	< 0.100	U	ug/L	1	0.500	0.100		11/21/2017 17:21	CL
	Beryllium	0.018	J	ug/L	1	0.200	0.010		11/22/2017 16:58	CL
	Cadmium	< 0.050	U	ug/L	1	1.00	0.050		11/21/2017 17:21	CL
	Chromium	< 0.080	U	ug/L	1	3.00	0.080		11/21/2017 17:21	CL
	Copper	0.276	J	ug/L	1	1.00	0.200		11/21/2017 17:21	CL
	Lead	0.872		ug/L	1	0.500	0.100		11/21/2017 17:21	CL
	Nickel	< 0.050	U	ug/L	1	1.00	0.050		11/21/2017 17:21	CL
	Silver	< 0.030	U	ug/L	1	0.500	0.030		11/21/2017 17:21	CL
	Thallium	< 0.030	U	ug/L	1	0.500	0.030		11/21/2017 17:21	CL
	Zinc	< 0.200	U	ug/L	1	2.00	0.200		11/21/2017 17:21	CL
EPA 200.8	Metals, Total by ICP-MS									
	Selenium	< 0.333	U	ug/L	1	2.00	0.333		11/21/2017 17:21	CL
EPA 245.1	Metals, Total									
	Mercury	< 0.150	U	ug/L	1	0.200	0.150		11/17/2017 21:39	SH
SM 3500-Cr B	Chromium, Dissolved Hexavalent									
	Chromium, Hexavalent	< 1.50	U	ug/L	1	3.00	1.50		11/09/2017 12:16	ARC

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-06-W
 Job Sample ID: 1711131.02
 Other Information: Grab - Water

Sample Matrix: Water
 Date Collected: 11/08/2017
 Time Collected: 10:50

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
Calculation	Chromium, Dissolved Trivalent									
	Trivalent Chromium	2.56	J	ug/L	1	3.00	1.50		12/29/2017 13:35	MM
EPA 200.8	Metals, Dissolved									
	Antimony	1.27	J	ug/L	5	5.00	1.00		11/21/2017 17:37	CL
	Arsenic	4.28		ug/L	5	2.50	0.500		11/21/2017 17:37	CL
	Beryllium	< 0.050	U	ug/L	5	1.00	0.050		11/22/2017 17:14	CL
	Cadmium	< 0.250	U	ug/L	5	5.00	0.250		11/21/2017 17:37	CL
	Chromium	2.56	J	ug/L	5	15.0	0.400		11/21/2017 17:37	CL
	Copper	2.56	J	ug/L	5	5.00	1.00		11/21/2017 17:37	CL
	Lead	1.30	J	ug/L	5	2.50	0.500		11/21/2017 17:37	CL
	Nickel	2.44	J	ug/L	5	5.00	0.250		11/21/2017 17:37	CL
	Silver	< 0.150	U	ug/L	5	2.50	0.150		11/21/2017 17:37	CL
	Thallium	< 0.150	U	ug/L	5	2.50	0.150		11/21/2017 17:37	CL
	Zinc	5.10	J	ug/L	5	10.0	1.00		11/21/2017 17:37	CL
EPA 200.8	Metals, Total by ICP-MS									
	Selenium	5.06	J	ug/L	5	10.0	1.66		11/21/2017 17:37	CL
EPA 245.1	Metals, Total									
	Mercury	< 0.150	U	ug/L	1	0.200	0.150		11/17/2017 21:56	SH
EPA 350.1	Suite II									
	Ammonia as N	0.402		mg/L	1	0.100	0.020		12/04/2017 17:07	ARC
EPA 415.1	Total Organic Carbon									

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-06-W
Job Sample ID: 1711131.02
Other Information: Grab - Water

Sample Matrix: Water
Date Collected: 11/08/2017
Time Collected: 10:50

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
EPA 415.1	Total Organic Carbon									
			Batch ID: Qb17121911		Prep Info:					
	Total Organic Carbon	0.000371		%	1	0.0001	0.00005		11/17/2017 18:21	ARC
SM 3500-Cr B	Chromium, Dissolved Hexavalent									
			Batch ID: Qb17121910		Prep Info:					
	Chromium, Hexavalent	< 1.50	U	ug/L	1	3.00	1.50		11/09/2017 12:16	ARC
SM 4500-CN C, E	Cyanide									
			Batch ID: Qb17121922		Prep Info: PB17121906		SM 4500-CN C		11/20/2017 16:15	ARC
	Cyanide, Total	< 0.005	U	mg/L	1	0.010	0.005		11/20/2017 19:25	ARC
SW846 8081B	Organochlorine Pesticides									
			Batch ID:		Prep Info:					
	2,4,5,6 Tetrachloro-m-xylene(surr)	93.3		%	1			60-140	11/19/2017 06:59	EM
	Decachlorobiphenyl(surr)	49.7	S	%	1			60-140	11/19/2017 06:59	EM
SW846 8081B	Organochlorine Pesticides									
			Batch ID: Qb17112023		Prep Info: PB17112014		SW846 3511		11/09/2017 14:44	EM
	4,4-DDD	< 0.003	U	ug/L	1	0.012	0.003		11/19/2017 06:59	EM
	4,4-DDE	< 0.003	U	ug/L	1	0.012	0.003		11/19/2017 06:59	EM
	4,4-DDT	< 0.003	U	ug/L	1	0.012	0.003		11/19/2017 06:59	EM
	a-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/19/2017 06:59	EM
	a-Chlordane	< 0.003	U	ug/L	1	0.006	0.003		11/19/2017 06:59	EM
	Aldrin	< 0.003	U	ug/L	1	0.006	0.003		11/19/2017 06:59	EM
	b-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/19/2017 06:59	EM
	Chlordane	< 0.003	U	ug/L	1	0.006	0.003		11/19/2017 06:59	EM
	d-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/19/2017 06:59	EM
	Dieldrin	< 0.003	U	ug/L	1	0.006	0.003		11/19/2017 06:59	EM
	Endosulfan I	< 0.003	U	ug/L	1	0.006	0.003		11/19/2017 06:59	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-06-W
Job Sample ID: 1711131.02
Other Information: Grab - Water

Sample Matrix: Water
Date Collected: 11/08/2017
Time Collected: 10:50

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8081B	Organochlorine Pesticides									
			Batch ID:	Qb17112023	Prep Info:	PB17112014	SW846 3511		11/09/2017 14:44	EM
	Endosulfan II	< 0.003	U	ug/L	1	0.006	0.003		11/19/2017 06:59	EM
	Endosulfan sulfate	< 0.003	U	ug/L	1	0.006	0.003		11/19/2017 06:59	EM
	Endrin	< 0.003	U	ug/L	1	0.006	0.003		11/19/2017 06:59	EM
	Endrin aldehyde	< 0.003	U	ug/L	1	0.006	0.003		11/19/2017 06:59	EM
	Endrin ketone	< 0.003	U	ug/L	1	0.006	0.003		11/19/2017 06:59	EM
	g-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/19/2017 06:59	EM
	Heptachlor	< 0.003	U	ug/L	1	0.006	0.003		11/19/2017 06:59	EM
	Heptachlor epoxide	< 0.003	U	ug/L	1	0.006	0.003		11/19/2017 06:59	EM
	Toxaphene	< 0.150	U	ug/L	1	0.300	0.150		11/19/2017 06:59	EM
	γ-Chlordane	< 0.003	U	ug/L	1	0.006	0.003		11/19/2017 06:59	EM
SW846 8082A	Polychlorinated Biphenyls									
			Batch ID:		Prep Info:					
	2,4,5,6 Tetrachloro-m-xylene(surr)	95.0		%	1			60-140	11/24/2017 08:41	EM
	Decachlorobiphenyl(surr)	37.8	S	%	1			60-140	11/24/2017 08:41	EM
SW846 8082A	Polychlorinated Biphenyls									
			Batch ID:	Qb17112704	Prep Info:	PB17112704	SW846 3511		11/10/2017 15:12	EM
	Total PCBs	< 0.006	U	ug/L	1	0.012	0.006		11/24/2017 08:41	EM
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:		Prep Info:					
	2,4,6-Tribromophenol(surr)	146	S	%	1			60-140	11/19/2017 03:59	JLL
	2-Fluorobiphenyl(surr)	102		%	1			60-140	11/19/2017 03:59	JLL
	2-Fluorophenol(surr)	123		%	1			60-140	11/19/2017 03:59	JLL
	Nitrobenzene-d5(surr)	146	S	%	1			60-140	11/19/2017 03:59	JLL

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-06-W
Job Sample ID: 1711131.02
Other Information: Grab - Water

Sample Matrix: Water
Date Collected: 11/08/2017
Time Collected: 10:50

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds		Batch ID:		Prep Info:					
	Phenol-d5(surr)	151	S	%	1			60-140	11/19/2017 03:59	JLL
	Terphenyl-d14(surr)	97.1		%	1			60-140	11/19/2017 03:59	JLL
SW846 8270D	Semivolatile Organic Compounds		Batch ID: Qb17121804		Prep Info: PB17121804		SW846 3511		11/13/2017 10:00	JLL
	1,2,4-Trichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:59	JLL
	1,2-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:59	JLL
	1,2-Diphenylhydrazine as Azobenzene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:59	JLL
	1,3-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:59	JLL
	1,4-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:59	JLL
	2,4,6-Trichlorophenol	< 0.56	U	ug/L	1	1.12	0.56		11/19/2017 03:59	JLL
	2,4-Dichlorophenol	< 0.56	U	ug/L	1	1.12	0.56		11/19/2017 03:59	JLL
	2,4-Dimethylphenol	< 0.56	U	ug/L	1	1.12	0.56		11/19/2017 03:59	JLL
	2,4-Dinitrophenol	< 9.00	U	ug/L	1	18.0	9.00		11/19/2017 03:59	JLL
	2,4-Dinitrotoluene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:59	JLL
	2,6-Dinitrotoluene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:59	JLL
	2-Chloronaphthalene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:59	JLL
	2-Chlorophenol	< 0.56	U	ug/L	1	1.12	0.56		11/19/2017 03:59	JLL
	2-Nitrophenol	< 0.56	U	ug/L	1	1.12	0.56		11/19/2017 03:59	JLL
	3,3-Dichlorobenzidine	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:59	JLL
	4,6-Dinitro-2-methylphenol	< 0.56	U	ug/L	1	1.12	0.56		11/19/2017 03:59	JLL
	4-Bromophenyl phenyl ether	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:59	JLL
	4-Chloro-3-methylphenol	< 0.56	U	ug/L	1	4.50	0.56		11/19/2017 03:59	JLL

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-06-W
 Job Sample ID: 1711131.02
 Other Information: Grab - Water

Sample Matrix: Water
 Date Collected: 11/08/2017
 Time Collected: 10:50

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121804	Prep Info:	PB17121804	SW846	3511	11/13/2017 10:00	JLL
	4-Chlorophenyl phenyl ether	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:59	JLL
	4-Nitrophenol	< 0.56	U	ug/L	1	1.12	0.56		11/19/2017 03:59	JLL
	Acenaphthene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:59	JLL
	Acenaphthylene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:59	JLL
	Anthracene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:59	JLL
	Benzidine	< 0.142	U	ug/L	1	0.430	0.142		11/19/2017 03:59	JLL
	Benzo(a)anthracene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:59	JLL
	Benzo(a)pyrene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:59	JLL
	benzo(b&k)fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:59	JLL
	Benzo(g,h,i)perylene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:59	JLL
	Bis(2-chloroethoxy) methane	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:59	JLL
	Bis(2-chloroethyl) ether	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:59	JLL
	Bis(2-chloroisopropyl) ether	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:59	JLL
	Bis(2-ethylhexyl) phthalate	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:59	JLL
	Butyl benzyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:59	JLL
	Chrysene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:59	JLL
	Dibenzo(a,h)anthracene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:59	JLL
	Diethyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:59	JLL
	Dimethyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:59	JLL
	Di-n-butyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:59	JLL
	Di-n-octyl Phthalate	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:59	JLL

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-06-W
 Job Sample ID: 1711131.02
 Other Information: Grab - Water

Sample Matrix: Water
 Date Collected: 11/08/2017
 Time Collected: 10:50

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121804	Prep Info:	PB17121804	SW846 3511		11/13/2017 10:00	JLL
	Fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:59	JLL
	Fluorene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:59	JLL
	Hexachlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:59	JLL
	Hexachlorobutadiene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:59	JLL
	Hexachlorocyclopentadiene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:59	JLL
	Hexachloroethane	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:59	JLL
	Indeno(1,2,3-cd)pyrene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:59	JLL
	Isophorone	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:59	JLL
	Naphthalene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:59	JLL
	Nitrobenzene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:59	JLL
	n-Nitrosodimethylamine	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:59	JLL
	n-nitroso-di-n-propylamine	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:59	JLL
	n-Nitrosodiphenylamine	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:59	JLL
	Pentachlorophenol	< 0.56	U	ug/L	1	1.12	0.56		11/19/2017 03:59	JLL
	Phenanthrene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:59	JLL
	Phenol	< 0.56	U	ug/L	1	1.12	0.56		11/19/2017 03:59	JLL
	Pyrene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:59	JLL
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctadecane(surr)	76.7		%	1			70-130	11/11/2017 04:32	EM
	1-Chlorooctane(surr)	73.7		%	1			70-130	11/11/2017 04:32	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-06-W
 Job Sample ID: 1711131.02
 Other Information: Grab - Water

Sample Matrix: Water
 Date Collected: 11/08/2017
 Time Collected: 10:50

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
TCEQ 1005	Total Petroleum Hydrocarbons								11/09/2017 18:00	EM
	TPH, C6-C35	< 3.22	U	mg/L	1	10.0	3.22		11/11/2017 04:32	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-11-W
 Job Sample ID: 1711131.03
 Other Information: Grab - Water

Sample Matrix: Water
 Date Collected: 11/08/2017
 Time Collected: 12:00

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
Calculation	Chromium, Dissolved Trivalent									
	Trivalent Chromium	1.91	J	ug/L	1	3.00	1.50		12/29/2017 13:35	MM
EPA 200.8	Metals, Dissolved									
	Antimony	< 1.00	U	ug/L	5	5.00	1.00		11/21/2017 17:43	CL
	Arsenic	4.35		ug/L	5	2.50	0.500		11/21/2017 17:43	CL
	Beryllium	< 0.050	U	ug/L	5	1.00	0.050		11/22/2017 17:19	CL
	Cadmium	< 0.250	U	ug/L	5	5.00	0.250		11/21/2017 17:43	CL
	Chromium	1.91	J	ug/L	5	15.0	0.400		11/21/2017 17:43	CL
	Copper	2.24	J	ug/L	5	5.00	1.00		11/21/2017 17:43	CL
	Lead	0.96	J	ug/L	5	2.50	0.500		11/21/2017 17:43	CL
	Nickel	2.00	J	ug/L	5	5.00	0.250		11/21/2017 17:43	CL
	Silver	< 0.150	U	ug/L	5	2.50	0.150		11/21/2017 17:43	CL
	Thallium	< 0.150	U	ug/L	5	2.50	0.150		11/21/2017 17:43	CL
	Zinc	4.00	J	ug/L	5	10.0	1.00		11/21/2017 17:43	CL
EPA 200.8	Metals, Total by ICP-MS									
	Selenium	3.25	J	ug/L	5	10.0	1.66		11/21/2017 17:43	CL
EPA 245.1	Metals, Total									
	Mercury	< 0.150	U	ug/L	1	0.200	0.150		11/17/2017 21:59	SH
EPA 350.1	Suite II									
	Ammonia as N	0.427		mg/L	1	0.100	0.020		12/04/2017 17:07	ARC
EPA 415.1	Total Organic Carbon									

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-11-W
Job Sample ID: 1711131.03
Other Information: Grab - Water

Sample Matrix: Water
Date Collected: 11/08/2017
Time Collected: 12:00

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
EPA 415.1	Total Organic Carbon									
			Batch ID: Qb17121911		Prep Info:					
	Total Organic Carbon	0.000339		%	1	0.0001	0.00005		11/17/2017 18:21	ARC
SM 3500-Cr B	Chromium, Dissolved Hexavalent									
			Batch ID: Qb17121910		Prep Info:					
	Chromium, Hexavalent	< 1.50	U	ug/L	1	3.00	1.50		11/09/2017 12:16	ARC
SM 4500-CN C, E	Cyanide									
			Batch ID: Qb17121922		Prep Info: PB17121906		SM 4500-CN C		11/20/2017 16:15	ARC
	Cyanide, Total	< 0.005	U	mg/L	1	0.010	0.005		11/20/2017 19:25	ARC
SW846 8081B	Organochlorine Pesticides									
			Batch ID:		Prep Info:					
	2,4,5,6 Tetrachloro-m-xylene(surr)	94.2		%	1			60-140	11/19/2017 07:27	EM
	Decachlorobiphenyl(surr)	51.2	S	%	1			60-140	11/19/2017 07:27	EM
SW846 8081B	Organochlorine Pesticides									
			Batch ID: Qb17112023		Prep Info: PB17112014		SW846 3511		11/09/2017 14:44	EM
	4,4-DDD	< 0.003	U	ug/L	1	0.012	0.003		11/19/2017 07:27	EM
	4,4-DDE	< 0.003	U	ug/L	1	0.012	0.003		11/19/2017 07:27	EM
	4,4-DDT	< 0.003	U	ug/L	1	0.012	0.003		11/19/2017 07:27	EM
	a-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/19/2017 07:27	EM
	a-Chlordane	0.0109	P	ug/L	1	0.006	0.003		11/19/2017 07:27	EM
	Aldrin	< 0.003	U	ug/L	1	0.006	0.003		11/19/2017 07:27	EM
	b-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/19/2017 07:27	EM
	Chlordane	0.024	P	ug/L	1	0.006	0.003		11/19/2017 07:27	EM
	d-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/19/2017 07:27	EM
	Dieldrin	< 0.003	U	ug/L	1	0.006	0.003		11/19/2017 07:27	EM
	Endosulfan I	0.0124	P	ug/L	1	0.006	0.003		11/19/2017 07:27	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-11-W
 Job Sample ID: 1711131.03
 Other Information: Grab - Water

Sample Matrix: Water
 Date Collected: 11/08/2017
 Time Collected: 12:00

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8081B	Organochlorine Pesticides									
			Batch ID:	Qb17112023	Prep Info:	PB17112014	SW846 3511		11/09/2017 14:44	EM
	Endosulfan II	< 0.003	U	ug/L	1	0.006	0.003		11/19/2017 07:27	EM
	Endosulfan sulfate	< 0.003	U	ug/L	1	0.006	0.003		11/19/2017 07:27	EM
	Endrin	< 0.003	U	ug/L	1	0.006	0.003		11/19/2017 07:27	EM
	Endrin aldehyde	< 0.003	U	ug/L	1	0.006	0.003		11/19/2017 07:27	EM
	Endrin ketone	< 0.003	U	ug/L	1	0.006	0.003		11/19/2017 07:27	EM
	g-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/19/2017 07:27	EM
	Heptachlor	< 0.003	U	ug/L	1	0.006	0.003		11/19/2017 07:27	EM
	Heptachlor epoxide	< 0.003	U	ug/L	1	0.006	0.003		11/19/2017 07:27	EM
	Toxaphene	< 0.150	U	ug/L	1	0.300	0.150		11/19/2017 07:27	EM
	γ-Chlordane	0.0131	P	ug/L	1	0.006	0.003		11/19/2017 07:27	EM
SW846 8082A	Polychlorinated Biphenyls									
	2,4,5,6 Tetrachloro-m-xylene(surr)	80.2		%	1			60-140	11/24/2017 08:17	EM
	Decachlorobiphenyl(surr)	42.2	S	%	1			60-140	11/24/2017 08:17	EM
SW846 8082A	Polychlorinated Biphenyls									
	Total PCBs	< 0.006	U	ug/L	1	0.012	0.006		11/24/2017 08:17	EM
SW846 8270D	Semivolatile Organic Compounds									
	2,4,6-Tribromophenol(surr)	152	S	%	1			60-140	11/19/2017 03:13	JLL
	2-Fluorobiphenyl(surr)	101		%	1			60-140	11/19/2017 03:13	JLL
	2-Fluorophenol(surr)	115		%	1			60-140	11/19/2017 03:13	JLL
	Nitrobenzene-d5(surr)	143	S	%	1			60-140	11/19/2017 03:13	JLL

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-11-W
 Job Sample ID: 1711131.03
 Other Information: Grab - Water

Sample Matrix: Water
 Date Collected: 11/08/2017
 Time Collected: 12:00

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds		Batch ID:		Prep Info:					
	Phenol-d5(surr)	127		%	1			60-140	11/19/2017 03:13	JLL
	Terphenyl-d14(surr)	100		%	1			60-140	11/19/2017 03:13	JLL
SW846 8270D	Semivolatile Organic Compounds		Batch ID: Qb17121804		Prep Info: PB17121804		SW846 3511		11/13/2017 10:00	JLL
	1,2,4-Trichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:13	JLL
	1,2-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:13	JLL
	1,2-Diphenylhydrazine as Azobenzene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:13	JLL
	1,3-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:13	JLL
	1,4-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:13	JLL
	2,4,6-Trichlorophenol	< 0.56	U	ug/L	1	1.12	0.56		11/19/2017 03:13	JLL
	2,4-Dichlorophenol	< 0.56	U	ug/L	1	1.12	0.56		11/19/2017 03:13	JLL
	2,4-Dimethylphenol	< 0.56	U	ug/L	1	1.12	0.56		11/19/2017 03:13	JLL
	2,4-Dinitrophenol	< 9.00	U	ug/L	1	18.0	9.00		11/19/2017 03:13	JLL
	2,4-Dinitrotoluene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:13	JLL
	2,6-Dinitrotoluene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:13	JLL
	2-Chloronaphthalene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:13	JLL
	2-Chlorophenol	< 0.56	U	ug/L	1	1.12	0.56		11/19/2017 03:13	JLL
	2-Nitrophenol	< 0.56	U	ug/L	1	1.12	0.56		11/19/2017 03:13	JLL
	3,3-Dichlorobenzidine	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:13	JLL
	4,6-Dinitro-2-methylphenol	< 0.56	U	ug/L	1	1.12	0.56		11/19/2017 03:13	JLL
	4-Bromophenyl phenyl ether	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:13	JLL
	4-Chloro-3-methylphenol	< 0.56	U	ug/L	1	4.50	0.56		11/19/2017 03:13	JLL

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-11-W
Job Sample ID: 1711131.03
Other Information: Grab - Water

Sample Matrix: Water
Date Collected: 11/08/2017
Time Collected: 12:00

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121804	Prep Info:	PB17121804	SW846	3511	11/13/2017 10:00	JLL
	4-Chlorophenyl phenyl ether	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:13	JLL
	4-Nitrophenol	< 0.56	U	ug/L	1	1.12	0.56		11/19/2017 03:13	JLL
	Acenaphthene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:13	JLL
	Acenaphthylene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:13	JLL
	Anthracene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:13	JLL
	Benzidine	< 0.142	U	ug/L	1	0.430	0.142		11/19/2017 03:13	JLL
	Benzo(a)anthracene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:13	JLL
	Benzo(a)pyrene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:13	JLL
	benzo(b&k)fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:13	JLL
	Benzo(g,h,i)perylene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:13	JLL
	Bis(2-chloroethoxy) methane	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:13	JLL
	Bis(2-chloroethyl) ether	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:13	JLL
	Bis(2-chloroisopropyl) ether	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:13	JLL
	Bis(2-ethylhexyl) phthalate	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:13	JLL
	Butyl benzyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:13	JLL
	Chrysene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:13	JLL
	Dibenzo(a,h)anthracene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:13	JLL
	Diethyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:13	JLL
	Dimethyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:13	JLL
	Di-n-butyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:13	JLL
	Di-n-octyl Phthalate	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:13	JLL

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-11-W
 Job Sample ID: 1711131.03
 Other Information: Grab - Water

Sample Matrix: Water
 Date Collected: 11/08/2017
 Time Collected: 12:00

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121804	Prep Info:	PB17121804	SW846 3511		11/13/2017 10:00	JLL
	Fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:13	JLL
	Fluorene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:13	JLL
	Hexachlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:13	JLL
	Hexachlorobutadiene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:13	JLL
	Hexachlorocyclopentadiene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:13	JLL
	Hexachloroethane	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:13	JLL
	Indeno(1,2,3-cd)pyrene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:13	JLL
	Isophorone	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:13	JLL
	Naphthalene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:13	JLL
	Nitrobenzene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:13	JLL
	n-Nitrosodimethylamine	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:13	JLL
	n-nitroso-di-n-propylamine	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:13	JLL
	n-Nitrosodiphenylamine	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:13	JLL
	Pentachlorophenol	< 0.56	U	ug/L	1	1.12	0.56		11/19/2017 03:13	JLL
	Phenanthrene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:13	JLL
	Phenol	< 0.56	U	ug/L	1	1.12	0.56		11/19/2017 03:13	JLL
	Pyrene	< 0.281	U	ug/L	1	0.562	0.281		11/19/2017 03:13	JLL
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctadecane(surr)	73.8		%	1			70-130	11/11/2017 04:04	EM
	1-Chlorooctane(surr)	71.6		%	1			70-130	11/11/2017 04:04	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-11-W
 Job Sample ID: 1711131.03
 Other Information: Grab - Water

Sample Matrix: Water
 Date Collected: 11/08/2017
 Time Collected: 12:00

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
TCEQ 1005	Total Petroleum Hydrocarbons								11/09/2017 18:00	EM
	TPH, C6-C35	< 3.22	U	mg/L	1	10.0	3.22		11/11/2017 04:04	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-02-E
 Job Sample ID: 1711131.04
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/08/2017
 Time Collected: 09:40

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
Calculation	Chromium, Dissolved Trivalent									
	Trivalent Chromium	< 1.50	U	ug/L	1	3.00	1.50		12/29/2017 13:35	MM
EPA 200.8	Metals, Dissolved									
	Antimony	< 1.00	U	ug/L	5	5.00	1.00		11/21/2017 17:48	CL
	Arsenic	18.6		ug/L	5	2.50	0.500		11/21/2017 17:48	CL
	Beryllium	< 0.050	U	ug/L	5	1.00	0.050		11/22/2017 17:25	CL
	Cadmium	< 0.250	U	ug/L	5	5.00	0.250		11/21/2017 17:48	CL
	Chromium	< 0.400	U	ug/L	5	15.0	0.400		11/21/2017 17:48	CL
	Copper	2.24	J	ug/L	5	5.00	1.00		11/21/2017 17:48	CL
	Lead	< 0.500	U	ug/L	5	2.50	0.500		11/21/2017 17:48	CL
	Nickel	1.57	J	ug/L	5	5.00	0.250		11/21/2017 17:48	CL
	Silver	< 0.150	U	ug/L	5	2.50	0.150		11/21/2017 17:48	CL
	Thallium	< 0.150	U	ug/L	5	2.50	0.150		11/21/2017 17:48	CL
	Zinc	2.08	J	ug/L	5	10.0	1.00		11/21/2017 17:48	CL
EPA 200.8	Metals, Total by ICP-MS									
	Selenium	3.95	J	ug/L	5	10.0	1.66		11/21/2017 17:48	CL
EPA 245.1	Metals, Total									
	Mercury	< 0.150	U	ug/L	1	0.200	0.150		11/17/2017 22:03	SH
EPA 350.1	Suite II									
	Ammonia as N	4.98		mg/L	1	0.100	0.020		12/04/2017 17:07	ARC
EPA 415.1	Total Organic Carbon									

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-02-E
Job Sample ID: 1711131.04
Other Information: Grab - Elutriate

Sample Matrix: Water
Date Collected: 11/08/2017
Time Collected: 09:40

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
EPA 415.1	Total Organic Carbon									
			Batch ID: Qb17121911		Prep Info:					
	Total Organic Carbon	0.000556		%	1	0.0001	0.00005		11/17/2017 18:21	ARC
SM 3500-Cr B	Chromium, Dissolved Hexavalent									
			Batch ID: Qb17121908		Prep Info:					
	Chromium, Hexavalent	< 1.50	U	ug/L	1	3.00	1.50		11/15/2017 14:50	ARC
SM 4500-CN C, E	Cyanide									
			Batch ID: Qb17121922		Prep Info: PB17121906		SM 4500-CN C		11/20/2017 16:15	ARC
	Cyanide, Total	< 0.005	U	mg/L	1	0.010	0.005		11/20/2017 19:25	ARC
SW846 8081B	Organochlorine Pesticides									
			Batch ID:		Prep Info:					
	2,4,5,6 Tetrachloro-m-xylene(surr)	90.0		%	1			60-140	11/22/2017 09:07	
	Decachlorobiphenyl(surr)	69.8		%	1			60-140	11/22/2017 09:07	
SW846 8081B	Organochlorine Pesticides									
			Batch ID: Qb17112113		Prep Info: PB17112112		SW846 3511		11/16/2017 19:20	
	4,4-DDD	< 0.003	U	ug/L	1	0.012	0.003		11/22/2017 09:07	
	4,4-DDE	< 0.003	U	ug/L	1	0.012	0.003		11/22/2017 09:07	EM
	4,4-DDT	< 0.003	U	ug/L	1	0.012	0.003		11/22/2017 09:07	
	a-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:07	
	a-Chlordane	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:07	
	Aldrin	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:07	
	b-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:07	
	Chlordane	0.0128		ug/L	1	0.006	0.003		11/22/2017 09:07	
	d-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:07	
	Dieldrin	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:07	
	Endosulfan I	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:07	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-02-E
Job Sample ID: 1711131.04
Other Information: Grab - Elutriate

Sample Matrix: Water
Date Collected: 11/08/2017
Time Collected: 09:40

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8081B	Organochlorine Pesticides								11/16/2017 19:20	
		Batch ID: Qb17112113			Prep Info: PB17112112			SW846 3511		
	Endosulfan II	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:07	
	Endosulfan sulfate	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:07	EM
	Endrin	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:07	
	Endrin aldehyde	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:07	
	Endrin ketone	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:07	
	g-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:07	
	Heptachlor	0.0128		ug/L	1	0.006	0.003		11/22/2017 09:07	
	Heptachlor epoxide	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:07	
	Toxaphene	< 0.150	U	ug/L	1	0.300	0.150		11/22/2017 09:07	
	γ-Chlordane	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:07	
SW846 8082A	Polychlorinated Biphenyls									
		Batch ID:			Prep Info:					
	2,4,5,6 Tetrachloro-m-xylene(surr)	83.9		%	1			60-140	11/28/2017 01:36	JLL
	Decachlorobiphenyl(surr)	44.4	S	%	1			60-140	11/28/2017 01:36	JLL
SW846 8082A	Polychlorinated Biphenyls								11/15/2017 20:10	
		Batch ID: Qb17112112			Prep Info: PB17112111			SW846 3511		
	Total PCBs	< 0.006	U	ug/L	1	0.012	0.006		11/28/2017 01:36	
SW846 8270D	Semivolatile Organic Compounds									
		Batch ID:			Prep Info:					
	2,4,6-Tribromophenol(surr)	129		%	1			60-140	12/05/2017 07:37	
	2-Fluorobiphenyl(surr)	84.0		%	1			60-140	12/05/2017 07:37	
	2-Fluorophenol(surr)	97.2		%	1			60-140	12/05/2017 07:37	
	Nitrobenzene-d5(surr)	120		%	1			60-140	12/05/2017 07:37	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-02-E
 Job Sample ID: 1711131.04
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/08/2017
 Time Collected: 09:40

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds		Batch ID:		Prep Info:					
	Phenol-d5(surr)	114		%	1			60-140	12/05/2017 07:37	
	Terphenyl-d14(surr)	85.0		%	1			60-140	12/05/2017 07:37	
SW846 8270D	Semivolatile Organic Compounds		Batch ID: Qb17121803		Prep Info: PB17121803		SW846 3511		11/21/2017 15:49	
	1,2,4-Trichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
	1,2-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
	1,2-Diphenylhydrazine as Azobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
	1,3-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
	1,4-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
	2,4,6-Trichlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 07:37	
	2,4-Dichlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 07:37	
	2,4-Dimethylphenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 07:37	
	2,4-Dinitrophenol	< 9.00	U	ug/L	1	18.0	9.00		12/05/2017 07:37	
	2,4-Dinitrotoluene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
	2,6-Dinitrotoluene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
	2-Chloronaphthalene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
	2-Chlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 07:37	
	2-Nitrophenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 07:37	
	3,3-Dichlorobenzidine	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
	4,6-Dinitro-2-methylphenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 07:37	
	4-Bromophenyl phenyl ether	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
	4-Chloro-3-methylphenol	< 0.56	U	ug/L	1	4.50	0.56		12/05/2017 07:37	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-02-E
Job Sample ID: 1711131.04
Other Information: Grab - Elutriate

Sample Matrix: Water
Date Collected: 11/08/2017
Time Collected: 09:40

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121803	Prep Info:	PB17121803	SW846 3511		11/21/2017 15:49	
	4-Chlorophenyl phenyl ether	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
	4-Nitrophenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 07:37	
	Acenaphthene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
	Acenaphthylene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
	Anthracene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
	Benzidine	< 0.142	U	ug/L	1	0.430	0.142		12/05/2017 07:37	
	Benzo(a)anthracene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
	Benzo(a)pyrene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
	benzo(b&k)fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
	Benzo(b)fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
	Benzo(g,h,i)perylene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
	Benzo(k)fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
	Bis(2-chloroethoxy) methane	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
	Bis(2-chloroethyl) ether	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
	Bis(2-chloroisopropyl) ether	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
	Bis(2-ethylhexyl)phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
	Butyl benzyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
	Chrysene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
	Dibenzo(a,h)anthracene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
	Diethyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
	Dimethyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-02-E
 Job Sample ID: 1711131.04
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/08/2017
 Time Collected: 09:40

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds		Batch ID: Qb17121803		Prep Info: PB17121803		SW846 3511		11/21/2017 15:49	
	Di-n-butyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
	Di-n-octyl Phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
	Fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
	Fluorene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
	Hexachlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
	Hexachlorobutadiene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
	Hexachlorocyclopentadiene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
	Hexachloroethane	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
	Indeno(1,2,3-cd)pyrene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
	Isophorone	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
	Naphthalene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
	Nitrobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
	n-Nitrosodimethylamine	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
	n-nitroso-di-n-propylamine	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
	n-Nitrosodiphenylamine	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
	Pentachlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 07:37	
	Phenanthrene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
	Phenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 07:37	
	Pyrene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 07:37	
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctadecane(surr)	88.7		%	1			70-130	11/30/2017 17:26	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-02-E
 Job Sample ID: 1711131.04
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/08/2017
 Time Collected: 09:40

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctane(surr)	90.9		%	1			70-130	11/30/2017 17:26	EM
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID: Qb17120118		Prep Info: PB17120109		TCEQ 1005		11/27/2017 15:03	EM
	TPH, C6-C35	< 3.22	U	mg/L	1	10.0	3.22		11/30/2017 17:26	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-03-E
Job Sample ID: 1711131.05
Other Information: Grab - Elutriate

Sample Matrix: Water
Date Collected: 11/08/2017
Time Collected: 09:55

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
Calculation	Chromium, Dissolved Trivalent									
	Trivalent Chromium	< 1.50	U	ug/L	1	3.00	1.50		12/29/2017 13:35	MM
EPA 200.8	Metals, Dissolved									
	Antimony	1.52	J	ug/L	5	5.00	1.00		11/21/2017 18:16	CL
	Arsenic	18.2		ug/L	5	2.50	0.500		11/21/2017 18:16	CL
	Beryllium	< 0.050	U	ug/L	5	1.00	0.050		11/22/2017 17:30	CL
	Cadmium	< 0.250	U	ug/L	5	5.00	0.250		11/21/2017 18:16	CL
	Chromium	< 0.400	U	ug/L	5	15.0	0.400		11/21/2017 18:16	CL
	Copper	2.77	J	ug/L	5	5.00	1.00		11/21/2017 18:16	CL
	Lead	< 0.500	U	ug/L	5	2.50	0.500		11/21/2017 18:16	CL
	Nickel	1.33	J	ug/L	5	5.00	0.250		11/21/2017 18:16	CL
	Silver	< 0.150	U	ug/L	5	2.50	0.150		11/21/2017 18:16	CL
	Thallium	< 0.150	U	ug/L	5	2.50	0.150		11/21/2017 18:16	CL
	Zinc	2.54	J	ug/L	5	10.0	1.00		11/21/2017 18:16	CL
EPA 200.8	Metals, Total by ICP-MS									
	Selenium	4.31	J	ug/L	5	10.0	1.66		11/21/2017 18:16	CL
EPA 245.1	Metals, Total									
	Mercury	< 0.150	U	ug/L	1	0.200	0.150		11/17/2017 22:06	SH
EPA 350.1	Suite II									
	Ammonia as N	4.10		mg/L	1	0.100	0.020		12/04/2017 17:07	ARC
EPA 415.1	Total Organic Carbon									

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-03-E
 Job Sample ID: 1711131.05
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/08/2017
 Time Collected: 09:55

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
EPA 415.1	Total Organic Carbon									
			Batch ID: Qb17121911		Prep Info:					
	Total Organic Carbon	0.000511		%	1	0.0001	0.00005		11/17/2017 18:21	ARC
SM 3500-Cr B	Chromium, Dissolved Hexavalent									
			Batch ID: Qb17121908		Prep Info:					
	Chromium, Hexavalent	< 1.50	U	ug/L	1	3.00	1.50		11/15/2017 14:50	ARC
SM 4500-CN C, E	Cyanide									
			Batch ID: Qb17121922		Prep Info: PB17121906		SM 4500-CN C		11/20/2017 16:15	ARC
	Cyanide, Total	< 0.005	U	mg/L	1	0.010	0.005		11/20/2017 19:25	ARC
SW846 8081B	Organochlorine Pesticides									
			Batch ID:		Prep Info:					
	2,4,5,6 Tetrachloro-m-xylene(surr)	84.2		%	1			60-140	11/22/2017 09:31	
	Decachlorobiphenyl(surr)	73.7		%	1			60-140	11/22/2017 09:31	
SW846 8081B	Organochlorine Pesticides									
			Batch ID: Qb17112113		Prep Info: PB17112112		SW846 3511		11/16/2017 19:20	
	4,4-DDD	< 0.003	U	ug/L	1	0.012	0.003		11/22/2017 09:31	
	4,4-DDE	< 0.003	U	ug/L	1	0.012	0.003		11/22/2017 09:31	EM
	4,4-DDT	< 0.003	U	ug/L	1	0.012	0.003		11/22/2017 09:31	
	a-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:31	
	a-Chlordane	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:31	
	Aldrin	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:31	
	b-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:31	
	Chlordane	0.0092	P	ug/L	1	0.006	0.003		11/22/2017 09:31	
	d-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:31	
	Dieldrin	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:31	
	Endosulfan I	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:31	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-03-E
 Job Sample ID: 1711131.05
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/08/2017
 Time Collected: 09:55

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8081B	Organochlorine Pesticides								11/16/2017 19:20	
			Batch ID: Qb17112113			Prep Info: PB17112112	SW846 3511			
	Endosulfan II	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:31	
	Endosulfan sulfate	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:31	EM
	Endrin	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:31	
	Endrin aldehyde	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:31	
	Endrin ketone	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:31	
	g-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:31	
	Heptachlor	0.0092	P	ug/L	1	0.006	0.003		11/22/2017 09:31	
	Heptachlor epoxide	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:31	
	Toxaphene	< 0.150	U	ug/L	1	0.300	0.150		11/22/2017 09:31	
	γ-Chlordane	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:31	
SW846 8082A	Polychlorinated Biphenyls									
			Batch ID:			Prep Info:				
	2,4,5,6 Tetrachloro-m-xylene(surr)	92.5		%	1			60-140	11/23/2017 10:03	
	Decachlorobiphenyl(surr)	43.8	S	%	1			60-140	11/23/2017 10:03	
SW846 8082A	Polychlorinated Biphenyls								11/15/2017 20:10	
			Batch ID: Qb17112112			Prep Info: PB17112111	SW846 3511			
	Total PCBs	< 0.006	U	ug/L	1	0.012	0.006		11/23/2017 10:03	
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:			Prep Info:				
	2,4,6-Tribromophenol(surr)	102		%	1			60-140	12/05/2017 08:14	
	2-Fluorobiphenyl(surr)	79.3		%	1			60-140	12/05/2017 08:14	
	2-Fluorophenol(surr)	92.2		%	1			60-140	12/05/2017 08:14	
	Nitrobenzene-d5(surr)	126		%	1			60-140	12/05/2017 08:14	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-03-E
 Job Sample ID: 1711131.05
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/08/2017
 Time Collected: 09:55

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds		Batch ID:		Prep Info:					
	Phenol-d5(surr)	126		%	1			60-140	12/05/2017 08:14	
	Terphenyl-d14(surr)	79.9		%	1			60-140	12/05/2017 08:14	
SW846 8270D	Semivolatile Organic Compounds		Batch ID: Qb17121803		Prep Info: PB17121803		SW846 3511		11/21/2017 15:49	
	1,2,4-Trichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
	1,2-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
	1,2-Diphenylhydrazine as Azobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
	1,3-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
	1,4-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
	2,4,6-Trichlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 08:14	
	2,4-Dichlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 08:14	
	2,4-Dimethylphenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 08:14	
	2,4-Dinitrophenol	< 9.00	U	ug/L	1	18.0	9.00		12/05/2017 08:14	
	2,4-Dinitrotoluene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
	2,6-Dinitrotoluene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
	2-Chloronaphthalene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
	2-Chlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 08:14	
	2-Nitrophenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 08:14	
	3,3-Dichlorobenzidine	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
	4,6-Dinitro-2-methylphenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 08:14	
	4-Bromophenyl phenyl ether	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
	4-Chloro-3-methylphenol	< 0.56	U	ug/L	1	4.50	0.56		12/05/2017 08:14	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-03-E
 Job Sample ID: 1711131.05
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/08/2017
 Time Collected: 09:55

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID: Qb17121803			Prep Info: PB17121803		SW846 3511	11/21/2017 15:49	
	4-Chlorophenyl phenyl ether	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
	4-Nitrophenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 08:14	
	Acenaphthene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
	Acenaphthylene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
	Anthracene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
	Benzidine	< 0.142	U	ug/L	1	0.430	0.142		12/05/2017 08:14	
	Benzo(a)anthracene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
	Benzo(a)pyrene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
	benzo(b&k)fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
	Benzo(b)fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
	Benzo(g,h,i)perylene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
	Benzo(k)fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
	Bis(2-chloroethoxy) methane	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
	Bis(2-chloroethyl) ether	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
	Bis(2-chloroisopropyl) ether	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
	Bis(2-ethylhexyl)phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
	Butyl benzyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
	Chrysene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
	Dibenzo(a,h)anthracene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
	Diethyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
	Dimethyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-03-E
Job Sample ID: 1711131.05
Other Information: Grab - Elutriate

Sample Matrix: Water
Date Collected: 11/08/2017
Time Collected: 09:55

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds		Batch ID: Qb17121803	Prep Info: PB17121803		SW846 3511			11/21/2017 15:49	
	Di-n-butyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
	Di-n-octyl Phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
	Fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
	Fluorene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
	Hexachlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
	Hexachlorobutadiene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
	Hexachlorocyclopentadiene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
	Hexachloroethane	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
	Indeno(1,2,3-cd)pyrene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
	Isophorone	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
	Naphthalene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
	Nitrobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
	n-Nitrosodimethylamine	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
	n-nitroso-di-n-propylamine	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
	n-Nitrosodiphenylamine	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
	Pentachlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 08:14	
	Phenanthrene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
	Phenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 08:14	
	Pyrene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:14	
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:	Prep Info:						
	1-Chlorooctadecane(surr)	83.3		%	1			70-130	11/30/2017 17:50	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-03-E
 Job Sample ID: 1711131.05
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/08/2017
 Time Collected: 09:55

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctane(surr)	87.0		%	1			70-130	11/30/2017 17:50	EM
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID: Qb17120118		Prep Info: PB17120109		TCEQ 1005		11/27/2017 15:03	EM
	TPH, C6-C35	< 3.22	U	mg/L	1	10.0	3.22		11/30/2017 17:50	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-04-E
 Job Sample ID: 1711131.06
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 16:30

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
Calculation	Chromium, Dissolved Trivalent									
	Trivalent Chromium	< 1.50	U	ug/L	1	3.00	1.50		12/29/2017 13:35	MM
EPA 200.8	Metals, Dissolved									
	Antimony	1.30	J	ug/L	5	5.00	1.00		11/21/2017 18:21	CL
	Arsenic	16.7		ug/L	5	2.50	0.500		11/21/2017 18:21	CL
	Beryllium	0.086	J	ug/L	5	1.00	0.050		11/22/2017 17:51	CL
	Cadmium	< 0.250	U	ug/L	5	5.00	0.250		11/21/2017 18:21	CL
	Chromium	< 0.400	U	ug/L	5	15.0	0.400		11/21/2017 18:21	CL
	Copper	1.41	J	ug/L	5	5.00	1.00		11/21/2017 18:21	CL
	Lead	< 0.500	U	ug/L	5	2.50	0.500		11/21/2017 18:21	CL
	Nickel	1.32	J	ug/L	5	5.00	0.250		11/21/2017 18:21	CL
	Silver	< 0.150	U	ug/L	5	2.50	0.150		11/21/2017 18:21	CL
	Thallium	< 0.150	U	ug/L	5	2.50	0.150		11/21/2017 18:21	CL
	Zinc	1.09	J	ug/L	5	10.0	1.00		11/21/2017 18:21	CL
EPA 200.8	Metals, Total by ICP-MS									
	Selenium	4.52	J	ug/L	5	10.0	1.66		11/21/2017 18:21	CL
EPA 245.1	Metals, Total									
	Mercury	< 0.150	U	ug/L	1	0.200	0.150		11/17/2017 22:10	SH
EPA 350.1	Suite II									
	Ammonia as N	3.72		mg/L	1	0.100	0.020		12/04/2017 17:07	ARC
EPA 415.1	Total Organic Carbon									

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-04-E
 Job Sample ID: 1711131.06
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 16:30

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
EPA 415.1	Total Organic Carbon									
			Batch ID: Qb17121911		Prep Info:					
	Total Organic Carbon	0.00053		%	1	0.0001	0.00005		11/17/2017 18:21	ARC
SM 3500-Cr B	Chromium, Dissolved Hexavalent									
			Batch ID: Qb17121908		Prep Info:					
	Chromium, Hexavalent	< 1.50	U	ug/L	1	3.00	1.50		11/15/2017 14:50	ARC
SM 4500-CN C, E	Cyanide									
			Batch ID: Qb17121922		Prep Info: PB17121906		SM 4500-CN C		11/20/2017 16:15	ARC
	Cyanide, Total	< 0.005	U	mg/L	1	0.010	0.005		11/20/2017 19:25	ARC
SW846 8081B	Organochlorine Pesticides									
			Batch ID:		Prep Info:					
	2,4,5,6 Tetrachloro-m-xylene(surr)	90.8		%	1			60-140	11/22/2017 09:55	
	Decachlorobiphenyl(surr)	72.8		%	1			60-140	11/22/2017 09:55	
SW846 8081B	Organochlorine Pesticides									
			Batch ID: Qb17112113		Prep Info: PB17112112		SW846 3511		11/16/2017 19:20	
	4,4-DDD	< 0.003	U	ug/L	1	0.012	0.003		11/22/2017 09:55	
	4,4-DDE	< 0.003	U	ug/L	1	0.012	0.003		11/22/2017 09:55	EM
	4,4-DDT	< 0.003	U	ug/L	1	0.012	0.003		11/22/2017 09:55	
	a-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:55	
	a-Chlordane	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:55	
	Aldrin	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:55	
	b-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:55	
	Chlordane	0.013		ug/L	1	0.006	0.003		11/22/2017 09:55	
	d-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:55	
	Dieldrin	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:55	
	Endosulfan I	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:55	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-04-E
 Job Sample ID: 1711131.06
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 16:30

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8081B	Organochlorine Pesticides								11/16/2017 19:20	
			Batch ID: Qb17112113			Prep Info: PB17112112	SW846 3511			
	Endosulfan II	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:55	
	Endosulfan sulfate	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:55	EM
	Endrin	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:55	
	Endrin aldehyde	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:55	
	Endrin ketone	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:55	
	g-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:55	
	Heptachlor	0.013		ug/L	1	0.006	0.003		11/22/2017 09:55	
	Heptachlor epoxide	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:55	
	Toxaphene	< 0.150	U	ug/L	1	0.300	0.150		11/22/2017 09:55	
	γ-Chlordane	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 09:55	
SW846 8082A	Polychlorinated Biphenyls									
			Batch ID:			Prep Info:				
	2,4,5,6 Tetrachloro-m-xylene(surr)	90.0		%	1			60-140	11/23/2017 10:26	
	Decachlorobiphenyl(surr)	51.2	S	%	1			60-140	11/23/2017 10:26	
SW846 8082A	Polychlorinated Biphenyls								11/15/2017 20:10	
			Batch ID: Qb17112112			Prep Info: PB17112111	SW846 3511			
	Total PCBs	< 0.006	U	ug/L	1	0.012	0.006		11/23/2017 10:26	
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:			Prep Info:				
	2,4,6-Tribromophenol(surr)	84.5		%	1			60-140	12/05/2017 08:50	
	2-Fluorobiphenyl(surr)	79.1		%	1			60-140	12/05/2017 08:50	
	2-Fluorophenol(surr)	92.0		%	1			60-140	12/05/2017 08:50	
	Nitrobenzene-d5(surr)	117		%	1			60-140	12/05/2017 08:50	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-04-E
 Job Sample ID: 1711131.06
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 16:30

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds		Batch ID:		Prep Info:					
	Phenol-d5(surr)	116		%	1			60-140	12/05/2017 08:50	
	Terphenyl-d14(surr)	80.0		%	1			60-140	12/05/2017 08:50	
SW846 8270D	Semivolatile Organic Compounds		Batch ID: Qb17121803		Prep Info: PB17121803		SW846 3511		11/21/2017 15:49	
	1,2,4-Trichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
	1,2-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
	1,2-Diphenylhydrazine as Azobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
	1,3-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
	1,4-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
	2,4,6-Trichlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 08:50	
	2,4-Dichlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 08:50	
	2,4-Dimethylphenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 08:50	
	2,4-Dinitrophenol	< 9.00	U	ug/L	1	18.0	9.00		12/05/2017 08:50	
	2,4-Dinitrotoluene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
	2,6-Dinitrotoluene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
	2-Chloronaphthalene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
	2-Chlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 08:50	
	2-Nitrophenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 08:50	
	3,3-Dichlorobenzidine	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
	4,6-Dinitro-2-methylphenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 08:50	
	4-Bromophenyl phenyl ether	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
	4-Chloro-3-methylphenol	< 0.56	U	ug/L	1	4.50	0.56		12/05/2017 08:50	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-04-E
Job Sample ID: 1711131.06
Other Information: Grab - Elutriate

Sample Matrix: Water
Date Collected: 11/07/2017
Time Collected: 16:30

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121803	Prep Info:	PB17121803	SW846	3511	11/21/2017 15:49	
	4-Chlorophenyl phenyl ether	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
	4-Nitrophenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 08:50	
	Acenaphthene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
	Acenaphthylene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
	Anthracene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
	Benzidine	< 0.142	U	ug/L	1	0.430	0.142		12/05/2017 08:50	
	Benzo(a)anthracene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
	Benzo(a)pyrene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
	benzo(b&k)fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
	Benzo(b)fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
	Benzo(g,h,i)perylene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
	Benzo(k)fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
	Bis(2-chloroethoxy) methane	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
	Bis(2-chloroethyl) ether	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
	Bis(2-chloroisopropyl) ether	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
	Bis(2-ethylhexyl)phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
	Butyl benzyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
	Chrysene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
	Dibenzo(a,h)anthracene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
	Diethyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
	Dimethyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-04-E
Job Sample ID: 1711131.06
Other Information: Grab - Elutriate

Sample Matrix: Water
Date Collected: 11/07/2017
Time Collected: 16:30

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121803	Prep Info:	PB17121803	SW846 3511		11/21/2017 15:49	
	Di-n-butyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
	Di-n-octyl Phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
	Fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
	Fluorene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
	Hexachlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
	Hexachlorobutadiene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
	Hexachlorocyclopentadiene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
	Hexachloroethane	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
	Indeno(1,2,3-cd)pyrene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
	Isophorone	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
	Naphthalene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
	Nitrobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
	n-Nitrosodimethylamine	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
	n-nitroso-di-n-propylamine	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
	n-Nitrosodiphenylamine	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
	Pentachlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 08:50	
	Phenanthrene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
	Phenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 08:50	
	Pyrene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 08:50	
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctadecane(surr)	84.5		%	1			70-130	11/30/2017 18:14	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-04-E
 Job Sample ID: 1711131.06
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 16:30

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctane(surr)	82.7		%	1			70-130	11/30/2017 18:14	EM
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID: Qb17120118		Prep Info: PB17120109		TCEQ 1005		11/27/2017 15:03	EM
	TPH, C6-C35	< 3.22	U	mg/L	1	10.0	3.22		11/30/2017 18:14	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-05-E
Job Sample ID: 1711131.07
Other Information: Grab - Elutriate

Sample Matrix: Water
Date Collected: 11/07/2017
Time Collected: 16:14

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
Calculation	Chromium, Dissolved Trivalent									
	Trivalent Chromium	< 1.50	U	ug/L	1	3.00	1.50		12/29/2017 13:35	MM
EPA 200.8	Metals, Dissolved									
	Antimony	< 1.00	U	ug/L	5	5.00	1.00		11/21/2017 18:26	CL
	Arsenic	11.6		ug/L	5	2.50	0.500		11/21/2017 18:26	CL
	Beryllium	< 0.050	U	ug/L	5	1.00	0.050		11/22/2017 17:57	CL
	Cadmium	< 0.250	U	ug/L	5	5.00	0.250		11/21/2017 18:26	CL
	Chromium	< 0.400	U	ug/L	5	15.0	0.400		11/21/2017 18:26	CL
	Copper	1.55	J	ug/L	5	5.00	1.00		11/21/2017 18:26	CL
	Lead	0.662	J	ug/L	5	2.50	0.500		11/21/2017 18:26	CL
	Nickel	1.29	J	ug/L	5	5.00	0.250		11/21/2017 18:26	CL
	Silver	< 0.150	U	ug/L	5	2.50	0.150		11/21/2017 18:26	CL
	Thallium	< 0.150	U	ug/L	5	2.50	0.150		11/21/2017 18:26	CL
	Zinc	1.23	J	ug/L	5	10.0	1.00		11/21/2017 18:26	CL
EPA 200.8	Metals, Total by ICP-MS									
	Selenium	4.79	J	ug/L	5	10.0	1.66		11/21/2017 18:26	CL
EPA 245.1	Metals, Total									
	Mercury	< 0.150	U	ug/L	1	0.200	0.150		11/17/2017 22:13	SH
EPA 350.1	Suite II									
	Ammonia as N	3.58		mg/L	1	0.100	0.020		12/04/2017 17:07	ARC
EPA 415.1	Total Organic Carbon									

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-05-E
 Job Sample ID: 1711131.07
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 16:14

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
EPA 415.1	Total Organic Carbon									
			Batch ID: Qb17121911		Prep Info:					
	Total Organic Carbon	0.000543		%	1	0.0001	0.00005		11/17/2017 18:21	ARC
SM 3500-Cr B	Chromium, Dissolved Hexavalent									
			Batch ID: Qb17121908		Prep Info:					
	Chromium, Hexavalent	< 1.50	U	ug/L	1	3.00	1.50		11/15/2017 14:50	ARC
SM 4500-CN C, E	Cyanide									
			Batch ID: Qb17121922		Prep Info: PB17121906 SM 4500-CN C				11/20/2017 16:15	ARC
	Cyanide, Total	< 0.005	U	mg/L	1	0.010	0.005		11/20/2017 19:25	ARC
SW846 8081B	Organochlorine Pesticides									
			Batch ID:		Prep Info:					
	2,4,5,6 Tetrachloro-m-xylene(surr)	96.7		%	1			60-140	11/22/2017 11:05	
	Decachlorobiphenyl(surr)	75.7		%	1			60-140	11/22/2017 11:05	
SW846 8081B	Organochlorine Pesticides									
			Batch ID: Qb17112113		Prep Info: PB17112112 SW846 3511				11/16/2017 19:20	
	4,4-DDD	< 0.003	U	ug/L	1	0.012	0.003		11/22/2017 11:05	
	4,4-DDE	< 0.003	U	ug/L	1	0.012	0.003		11/22/2017 11:05	EM
	4,4-DDT	< 0.003	U	ug/L	1	0.012	0.003		11/22/2017 11:05	
	a-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:05	
	a-Chlordane	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:05	
	Aldrin	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:05	
	b-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:05	
	Chlordane	0.0134		ug/L	1	0.006	0.003		11/22/2017 11:05	
	d-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:05	
	Dieldrin	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:05	
	Endosulfan I	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:05	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-05-E
Job Sample ID: 1711131.07
Other Information: Grab - Elutriate

Sample Matrix: Water
Date Collected: 11/07/2017
Time Collected: 16:14

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8081B	Organochlorine Pesticides									
			Batch ID:	Qb17112113	Prep Info:	PB17112112	SW846 3511		11/16/2017 19:20	
	Endosulfan II	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:05	
	Endosulfan sulfate	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:05	EM
	Endrin	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:05	
	Endrin aldehyde	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:05	
	Endrin ketone	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:05	
	g-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:05	
	Heptachlor	0.0134		ug/L	1	0.006	0.003		11/22/2017 11:05	
	Heptachlor epoxide	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:05	
	Toxaphene	< 0.150	U	ug/L	1	0.300	0.150		11/22/2017 11:05	
	γ-Chlordane	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:05	
SW846 8082A	Polychlorinated Biphenyls									
			Batch ID:		Prep Info:					
	2,4,5,6 Tetrachloro-m-xylene(surr)	100		%	1			60-140	11/23/2017 10:49	
	Decachlorobiphenyl(surr)	44.8	S	%	1			60-140	11/23/2017 10:49	
SW846 8082A	Polychlorinated Biphenyls									
			Batch ID:	Qb17112112	Prep Info:	PB17112111	SW846 3511		11/15/2017 20:10	
	Total PCBs	< 0.006	U	ug/L	1	0.012	0.006		11/23/2017 10:49	
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:		Prep Info:					
	2,4,6-Tribromophenol(surr)	94.7		%	1			60-140	12/05/2017 09:27	
	2-Fluorobiphenyl(surr)	83.6		%	1			60-140	12/05/2017 09:27	
	2-Fluorophenol(surr)	80.0		%	1			60-140	12/05/2017 09:27	
	Nitrobenzene-d5(surr)	136		%	1			60-140	12/05/2017 09:27	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-05-E
 Job Sample ID: 1711131.07
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 16:14

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds		Batch ID:		Prep Info:					
	Phenol-d5(surr)	122		%	1			60-140	12/05/2017 09:27	
	Terphenyl-d14(surr)	81.7		%	1			60-140	12/05/2017 09:27	
SW846 8270D	Semivolatile Organic Compounds		Batch ID: Qb17121803		Prep Info: PB17121803		SW846 3511		11/21/2017 15:49	
	1,2,4-Trichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
	1,2-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
	1,2-Diphenylhydrazine as Azobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
	1,3-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
	1,4-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
	2,4,6-Trichlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 09:27	
	2,4-Dichlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 09:27	
	2,4-Dimethylphenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 09:27	
	2,4-Dinitrophenol	< 9.00	U	ug/L	1	18.0	9.00		12/05/2017 09:27	
	2,4-Dinitrotoluene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
	2,6-Dinitrotoluene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
	2-Chloronaphthalene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
	2-Chlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 09:27	
	2-Nitrophenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 09:27	
	3,3-Dichlorobenzidine	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
	4,6-Dinitro-2-methylphenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 09:27	
	4-Bromophenyl phenyl ether	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
	4-Chloro-3-methylphenol	< 0.56	U	ug/L	1	4.50	0.56		12/05/2017 09:27	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-05-E
 Job Sample ID: 1711131.07
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 16:14

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121803	Prep Info:	PB17121803	SW846 3511		11/21/2017 15:49	
	4-Chlorophenyl phenyl ether	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
	4-Nitrophenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 09:27	
	Acenaphthene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
	Acenaphthylene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
	Anthracene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
	Benzidine	< 0.142	U	ug/L	1	0.430	0.142		12/05/2017 09:27	
	Benzo(a)anthracene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
	Benzo(a)pyrene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
	benzo(b&k)fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
	Benzo(b)fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
	Benzo(g,h,i)perylene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
	Benzo(k)fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
	Bis(2-chloroethoxy) methane	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
	Bis(2-chloroethyl) ether	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
	Bis(2-chloroisopropyl) ether	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
	Bis(2-ethylhexyl)phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
	Butyl benzyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
	Chrysene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
	Dibenzo(a,h)anthracene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
	Diethyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
	Dimethyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-05-E
 Job Sample ID: 1711131.07
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 16:14

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds		Batch ID: Qb17121803		Prep Info: PB17121803		SW846 3511		11/21/2017 15:49	
	Di-n-butyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
	Di-n-octyl Phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
	Fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
	Fluorene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
	Hexachlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
	Hexachlorobutadiene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
	Hexachlorocyclopentadiene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
	Hexachloroethane	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
	Indeno(1,2,3-cd)pyrene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
	Isophorone	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
	Naphthalene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
	Nitrobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
	n-Nitrosodimethylamine	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
	n-nitroso-di-n-propylamine	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
	n-Nitrosodiphenylamine	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
	Pentachlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 09:27	
	Phenanthrene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
	Phenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 09:27	
	Pyrene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 09:27	
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctadecane(surr)	85.5		%	1			70-130	11/30/2017 18:38	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-05-E
 Job Sample ID: 1711131.07
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 16:14

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctane(surr)	84.8		%	1			70-130	11/30/2017 18:38	EM
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID: Qb17120118		Prep Info: PB17120109		TCEQ 1005		11/27/2017 15:03	EM
	TPH, C6-C35	< 3.22	U	mg/L	1	10.0	3.22		11/30/2017 18:38	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-06-E
 Job Sample ID: 1711131.08
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 15:55

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
Calculation	Chromium, Dissolved Trivalent									
	Trivalent Chromium	< 1.50	U	ug/L	1	3.00	1.50		12/29/2017 13:35	MM
EPA 200.8	Metals, Dissolved									
	Antimony	< 1.00	U	ug/L	5	5.00	1.00		11/21/2017 18:32	CL
	Arsenic	12.8		ug/L	5	2.50	0.500		11/21/2017 18:32	CL
	Beryllium	< 0.050	U	ug/L	5	1.00	0.050		11/22/2017 18:02	CL
	Cadmium	< 0.250	U	ug/L	5	5.00	0.250		11/21/2017 18:32	CL
	Chromium	< 0.400	U	ug/L	5	15.0	0.400		11/21/2017 18:32	CL
	Copper	1.13	J	ug/L	5	5.00	1.00		11/21/2017 18:32	CL
	Lead	< 0.500	U	ug/L	5	2.50	0.500		11/21/2017 18:32	CL
	Nickel	1.20	J	ug/L	5	5.00	0.250		11/21/2017 18:32	CL
	Silver	< 0.150	U	ug/L	5	2.50	0.150		11/21/2017 18:32	CL
	Thallium	< 0.150	U	ug/L	5	2.50	0.150		11/21/2017 18:32	CL
	Zinc	1.13	J	ug/L	5	10.0	1.00		11/21/2017 18:32	CL
EPA 200.8	Metals, Total by ICP-MS									
	Selenium	3.47	J	ug/L	5	10.0	1.66		11/21/2017 18:32	CL
EPA 245.1	Metals, Total									
	Mercury	< 0.150	U	ug/L	1	0.200	0.150		11/17/2017 22:16	SH
EPA 350.1	Suite II									
	Ammonia as N	3.68		mg/L	1	0.100	0.020		12/04/2017 17:07	ARC
EPA 415.1	Total Organic Carbon									

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-06-E
Job Sample ID: 1711131.08
Other Information: Grab - Elutriate

Sample Matrix: Water
Date Collected: 11/07/2017
Time Collected: 15:55

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
EPA 415.1	Total Organic Carbon									
			Batch ID: Qb17121911		Prep Info:					
	Total Organic Carbon	0.000551		%	1	0.0001	0.00005		11/17/2017 18:21	ARC
SM 3500-Cr B	Chromium, Dissolved Hexavalent									
			Batch ID: Qb17121908		Prep Info:					
	Chromium, Hexavalent	< 1.50	U	ug/L	1	3.00	1.50		11/15/2017 14:50	ARC
SM 4500-CN C, E	Cyanide									
			Batch ID: Qb17121922		Prep Info: PB17121906 SM 4500-CN C				11/20/2017 16:15	ARC
	Cyanide, Total	< 0.005	U	mg/L	1	0.010	0.005		11/20/2017 19:25	ARC
SW846 8081B	Organochlorine Pesticides									
			Batch ID:		Prep Info:					
	2,4,5,6 Tetrachloro-m-xylene(surr)	86.7		%	1			60-140	11/22/2017 11:29	
	Decachlorobiphenyl(surr)	71.4		%	1			60-140	11/22/2017 11:29	
SW846 8081B	Organochlorine Pesticides									
			Batch ID: Qb17112113		Prep Info: PB17112112 SW846 3511				11/16/2017 19:20	
	4,4-DDD	< 0.003	U	ug/L	1	0.012	0.003		11/22/2017 11:29	
	4,4-DDE	< 0.003	U	ug/L	1	0.012	0.003		11/22/2017 11:29	EM
	4,4-DDT	< 0.003	U	ug/L	1	0.012	0.003		11/22/2017 11:29	
	a-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:29	
	a-Chlordane	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:29	
	Aldrin	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:29	
	b-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:29	
	Chlordane	0.014		ug/L	1	0.006	0.003		11/22/2017 11:29	
	d-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:29	
	Dieldrin	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:29	
	Endosulfan I	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:29	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-06-E
 Job Sample ID: 1711131.08
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 15:55

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8081B	Organochlorine Pesticides									
			Batch ID:	Qb17112113	Prep Info:	PB17112112	SW846 3511		11/16/2017 19:20	
	Endosulfan II	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:29	
	Endosulfan sulfate	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:29	EM
	Endrin	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:29	
	Endrin aldehyde	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:29	
	Endrin ketone	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:29	
	g-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:29	
	Heptachlor	0.014		ug/L	1	0.006	0.003		11/22/2017 11:29	
	Heptachlor epoxide	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:29	
	Toxaphene	< 0.150	U	ug/L	1	0.300	0.150		11/22/2017 11:29	
	γ-Chlordane	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:29	
SW846 8082A	Polychlorinated Biphenyls									
			Batch ID:		Prep Info:					
	2,4,5,6 Tetrachloro-m-xylene(surr)	98.3		%	1			60-140	11/23/2017 11:12	
	Decachlorobiphenyl(surr)	49.8	S	%	1			60-140	11/23/2017 11:12	
SW846 8082A	Polychlorinated Biphenyls									
			Batch ID:	Qb17112112	Prep Info:	PB17112111	SW846 3511		11/15/2017 20:10	
	Total PCBs	< 0.006	U	ug/L	1	0.012	0.006		11/23/2017 11:12	
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:		Prep Info:					
	2,4,6-Tribromophenol(surr)	93.4		%	1			60-140	12/05/2017 10:03	
	2-Fluorobiphenyl(surr)	84.1		%	1			60-140	12/05/2017 10:03	
	2-Fluorophenol(surr)	84.2		%	1			60-140	12/05/2017 10:03	
	Nitrobenzene-d5(surr)	127		%	1			60-140	12/05/2017 10:03	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-06-E
Job Sample ID: 1711131.08
Other Information: Grab - Elutriate

Sample Matrix: Water
Date Collected: 11/07/2017
Time Collected: 15:55

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds		Batch ID:		Prep Info:					
	Phenol-d5(surr)	140	S	%	1			60-140	12/05/2017 10:03	
	Terphenyl-d14(surr)	87.5		%	1			60-140	12/05/2017 10:03	
SW846 8270D	Semivolatile Organic Compounds		Batch ID: Qb17121803		Prep Info: PB17121803		SW846 3511		11/21/2017 15:49	
	1,2,4-Trichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
	1,2-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
	1,2-Diphenylhydrazine as Azobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
	1,3-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
	1,4-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
	2,4,6-Trichlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 10:03	
	2,4-Dichlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 10:03	
	2,4-Dimethylphenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 10:03	
	2,4-Dinitrophenol	< 9.00	U	ug/L	1	18.0	9.00		12/05/2017 10:03	
	2,4-Dinitrotoluene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
	2,6-Dinitrotoluene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
	2-Chloronaphthalene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
	2-Chlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 10:03	
	2-Nitrophenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 10:03	
	3,3-Dichlorobenzidine	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
	4,6-Dinitro-2-methylphenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 10:03	
	4-Bromophenyl phenyl ether	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
	4-Chloro-3-methylphenol	< 0.56	U	ug/L	1	4.50	0.56		12/05/2017 10:03	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-06-E
 Job Sample ID: 1711131.08
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 15:55

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121803	Prep Info:	PB17121803	SW846	3511	11/21/2017 15:49	
	4-Chlorophenyl phenyl ether	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
	4-Nitrophenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 10:03	
	Acenaphthene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
	Acenaphthylene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
	Anthracene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
	Benzidine	< 0.142	U	ug/L	1	0.430	0.142		12/05/2017 10:03	
	Benzo(a)anthracene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
	Benzo(a)pyrene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
	benzo(b&k)fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
	Benzo(b)fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
	Benzo(g,h,i)perylene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
	Benzo(k)fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
	Bis(2-chloroethoxy) methane	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
	Bis(2-chloroethyl) ether	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
	Bis(2-chloroisopropyl) ether	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
	Bis(2-ethylhexyl)phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
	Butyl benzyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
	Chrysene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
	Dibenzo(a,h)anthracene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
	Diethyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
	Dimethyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-06-E
 Job Sample ID: 1711131.08
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 15:55

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds		Batch ID: Qb17121803		Prep Info: PB17121803		SW846 3511		11/21/2017 15:49	
	Di-n-butyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
	Di-n-octyl Phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
	Fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
	Fluorene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
	Hexachlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
	Hexachlorobutadiene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
	Hexachlorocyclopentadiene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
	Hexachloroethane	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
	Indeno(1,2,3-cd)pyrene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
	Isophorone	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
	Naphthalene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
	Nitrobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
	n-Nitrosodimethylamine	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
	n-nitroso-di-n-propylamine	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
	n-Nitrosodiphenylamine	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
	Pentachlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 10:03	
	Phenanthrene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
	Phenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 10:03	
	Pyrene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:03	
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctadecane(surr)	80.7		%	1			70-130	11/30/2017 19:02	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-06-E
 Job Sample ID: 1711131.08
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 15:55

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctane(surr)	85.5		%	1			70-130	11/30/2017 19:02	EM
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID: Qb17120118		Prep Info: PB17120109		TCEQ 1005		11/27/2017 15:03	EM
	TPH, C6-C35	< 3.22	U	mg/L	1	10.0	3.22		11/30/2017 19:02	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-07-E
 Job Sample ID: 1711131.09
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 15:37

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
Calculation	Chromium, Dissolved Trivalent									
	Trivalent Chromium	< 1.50	U	ug/L	1	3.00	1.50		12/29/2017 13:35	MM
EPA 200.8	Metals, Dissolved									
	Antimony	< 1.00	U	ug/L	5	5.00	1.00		11/21/2017 18:37	CL
	Arsenic	12.6		ug/L	5	2.50	0.500		11/21/2017 18:37	CL
	Beryllium	< 0.050	U	ug/L	5	1.00	0.050		11/22/2017 18:07	CL
	Cadmium	< 0.250	U	ug/L	5	5.00	0.250		11/21/2017 18:37	CL
	Chromium	< 0.400	U	ug/L	5	15.0	0.400		11/21/2017 18:37	CL
	Copper	< 1.00	U	ug/L	5	5.00	1.00		11/21/2017 18:37	CL
	Lead	< 0.500	U	ug/L	5	2.50	0.500		11/21/2017 18:37	CL
	Nickel	1.24	J	ug/L	5	5.00	0.250		11/21/2017 18:37	CL
	Silver	< 0.150	U	ug/L	5	2.50	0.150		11/21/2017 18:37	CL
	Thallium	< 0.150	U	ug/L	5	2.50	0.150		11/21/2017 18:37	CL
	Zinc	1.88	J	ug/L	5	10.0	1.00		11/21/2017 18:37	CL
EPA 200.8	Metals, Total by ICP-MS									
	Selenium	3.04	J	ug/L	5	10.0	1.66		11/21/2017 18:37	CL
EPA 245.1	Metals, Total									
	Mercury	< 0.150	U	ug/L	1	0.200	0.150		11/17/2017 22:20	SH
EPA 350.1	Suite II									
	Ammonia as N	3.86		mg/L	1	0.100	0.020		12/04/2017 17:07	ARC
EPA 415.1	Total Organic Carbon									

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-07-E
Job Sample ID: 1711131.09
Other Information: Grab - Elutriate

Sample Matrix: Water
Date Collected: 11/07/2017
Time Collected: 15:37

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
EPA 415.1	Total Organic Carbon									
			Batch ID: Qb17121911		Prep Info:					
	Total Organic Carbon	0.000516		%	1	0.0001	0.00005		11/17/2017 18:21	ARC
SM 3500-Cr B	Chromium, Dissolved Hexavalent									
			Batch ID: Qb17121908		Prep Info:					
	Chromium, Hexavalent	< 1.50	U	ug/L	1	3.00	1.50		11/15/2017 14:50	ARC
SM 4500-CN C, E	Cyanide									
			Batch ID: Qb17121922		Prep Info: PB17121906		SM 4500-CN C		11/20/2017 16:15	ARC
	Cyanide, Total	< 0.005	U	mg/L	1	0.010	0.005		11/20/2017 19:25	ARC
SW846 8081B	Organochlorine Pesticides									
			Batch ID:		Prep Info:					
	2,4,5,6 Tetrachloro-m-xylene(surr)	80.3		%	1			60-140	11/22/2017 11:52	
	Decachlorobiphenyl(surr)	74.8		%	1			60-140	11/22/2017 11:52	
SW846 8081B	Organochlorine Pesticides									
			Batch ID: Qb17112113		Prep Info: PB17112112		SW846 3511		11/16/2017 19:20	
	4,4-DDD	< 0.003	U	ug/L	1	0.012	0.003		11/22/2017 11:52	
	4,4-DDE	< 0.003	U	ug/L	1	0.012	0.003		11/22/2017 11:52	EM
	4,4-DDT	< 0.003	U	ug/L	1	0.012	0.003		11/22/2017 11:52	
	a-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:52	
	a-Chlordane	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:52	
	Aldrin	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:52	
	b-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:52	
	Chlordane	0.0151		ug/L	1	0.006	0.003		11/22/2017 11:52	
	d-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:52	
	Dieldrin	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:52	
	Endosulfan I	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:52	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-07-E
Job Sample ID: 1711131.09
Other Information: Grab - Elutriate

Sample Matrix: Water
Date Collected: 11/07/2017
Time Collected: 15:37

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8081B	Organochlorine Pesticides									
			Batch ID:	Qb17112113	Prep Info:	PB17112112	SW846 3511		11/16/2017 19:20	
	Endosulfan II	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:52	
	Endosulfan sulfate	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:52	EM
	Endrin	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:52	
	Endrin aldehyde	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:52	
	Endrin ketone	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:52	
	g-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:52	
	Heptachlor	0.0151		ug/L	1	0.006	0.003		11/22/2017 11:52	
	Heptachlor epoxide	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:52	
	Toxaphene	< 0.150	U	ug/L	1	0.300	0.150		11/22/2017 11:52	
	γ-Chlordane	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 11:52	
SW846 8082A	Polychlorinated Biphenyls									
			Batch ID:		Prep Info:					
	2,4,5,6 Tetrachloro-m-xylene(surr)	92.5		%	1			60-140	11/23/2017 11:35	
	Decachlorobiphenyl(surr)	45.5	S	%	1			60-140	11/23/2017 11:35	
SW846 8082A	Polychlorinated Biphenyls									
			Batch ID:	Qb17112112	Prep Info:	PB17112111	SW846 3511		11/15/2017 20:10	
	Total PCBs	< 0.006	U	ug/L	1	0.012	0.006		11/23/2017 11:35	
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:		Prep Info:					
	2,4,6-Tribromophenol(surr)	105		%	1			60-140	12/05/2017 10:39	
	2-Fluorobiphenyl(surr)	81.5		%	1			60-140	12/05/2017 10:39	
	2-Fluorophenol(surr)	89.2		%	1			60-140	12/05/2017 10:39	
	Nitrobenzene-d5(surr)	123		%	1			60-140	12/05/2017 10:39	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-07-E
Job Sample ID: 1711131.09
Other Information: Grab - Elutriate

Sample Matrix: Water
Date Collected: 11/07/2017
Time Collected: 15:37

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds		Batch ID:		Prep Info:					
	Phenol-d5(surr)	124		%	1			60-140	12/05/2017 10:39	
	Terphenyl-d14(surr)	82.1		%	1			60-140	12/05/2017 10:39	
SW846 8270D	Semivolatile Organic Compounds		Batch ID: Qb17121803		Prep Info: PB17121803		SW846 3511		11/21/2017 15:49	
	1,2,4-Trichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
	1,2-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
	1,2-Diphenylhydrazine as Azobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
	1,3-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
	1,4-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
	2,4,6-Trichlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 10:39	
	2,4-Dichlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 10:39	
	2,4-Dimethylphenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 10:39	
	2,4-Dinitrophenol	< 9.00	U	ug/L	1	18.0	9.00		12/05/2017 10:39	
	2,4-Dinitrotoluene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
	2,6-Dinitrotoluene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
	2-Chloronaphthalene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
	2-Chlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 10:39	
	2-Nitrophenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 10:39	
	3,3-Dichlorobenzidine	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
	4,6-Dinitro-2-methylphenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 10:39	
	4-Bromophenyl phenyl ether	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
	4-Chloro-3-methylphenol	< 0.56	U	ug/L	1	4.50	0.56		12/05/2017 10:39	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-07-E
 Job Sample ID: 1711131.09
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 15:37

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID: Qb17121803			Prep Info: PB17121803		SW846 3511	11/21/2017 15:49	
	4-Chlorophenyl phenyl ether	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
	4-Nitrophenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 10:39	
	Acenaphthene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
	Acenaphthylene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
	Anthracene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
	Benzidine	< 0.142	U	ug/L	1	0.430	0.142		12/05/2017 10:39	
	Benzo(a)anthracene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
	Benzo(a)pyrene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
	benzo(b&k)fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
	Benzo(b)fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
	Benzo(g,h,i)perylene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
	Benzo(k)fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
	Bis(2-chloroethoxy) methane	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
	Bis(2-chloroethyl) ether	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
	Bis(2-chloroisopropyl) ether	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
	Bis(2-ethylhexyl)phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
	Butyl benzyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
	Chrysene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
	Dibenzo(a,h)anthracene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
	Diethyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
	Dimethyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-07-E
Job Sample ID: 1711131.09
Other Information: Grab - Elutriate

Sample Matrix: Water
Date Collected: 11/07/2017
Time Collected: 15:37

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121803	Prep Info:	PB17121803	SW846 3511		11/21/2017 15:49	
	Di-n-butyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
	Di-n-octyl Phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
	Fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
	Fluorene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
	Hexachlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
	Hexachlorobutadiene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
	Hexachlorocyclopentadiene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
	Hexachloroethane	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
	Indeno(1,2,3-cd)pyrene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
	Isophorone	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
	Naphthalene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
	Nitrobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
	n-Nitrosodimethylamine	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
	n-nitroso-di-n-propylamine	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
	n-Nitrosodiphenylamine	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
	Pentachlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 10:39	
	Phenanthrene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
	Phenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 10:39	
	Pyrene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 10:39	
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctadecane(surr)	80.6		%	1			70-130	11/30/2017 19:27	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-07-E
 Job Sample ID: 1711131.09
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 15:37

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctane(surr)	83.3		%	1			70-130	11/30/2017 19:27	EM
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID: Qb17120118		Prep Info: PB17120109		TCEQ 1005		11/27/2017 15:03	EM
	TPH, C6-C35	< 3.22	U	mg/L	1	10.0	3.22		11/30/2017 19:27	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-08-E
 Job Sample ID: 1711131.10
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 13:45

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
Calculation	Chromium, Dissolved Trivalent									
	Trivalent Chromium	< 1.50	U	ug/L	1	3.00	1.50		12/29/2017 13:35	MM
EPA 200.8	Metals, Dissolved									
	Antimony	< 1.00	U	ug/L	5	5.00	1.00		11/21/2017 18:42	CL
	Arsenic	15.3		ug/L	5	2.50	0.500		11/21/2017 18:42	CL
	Beryllium	< 0.050	U	ug/L	5	1.00	0.050		11/22/2017 18:13	CL
	Cadmium	< 0.250	U	ug/L	5	5.00	0.250		11/21/2017 18:42	CL
	Chromium	0.405	J	ug/L	5	15.0	0.400		11/21/2017 18:42	CL
	Copper	2.42	J	ug/L	5	5.00	1.00		11/21/2017 18:42	CL
	Lead	< 0.500	U	ug/L	5	2.50	0.500		11/21/2017 18:42	CL
	Nickel	1.32	J	ug/L	5	5.00	0.250		11/21/2017 18:42	CL
	Silver	< 0.150	U	ug/L	5	2.50	0.150		11/21/2017 18:42	CL
	Thallium	< 0.150	U	ug/L	5	2.50	0.150		11/21/2017 18:42	CL
	Zinc	2.29	J	ug/L	5	10.0	1.00		11/21/2017 18:42	CL
EPA 200.8	Metals, Total by ICP-MS									
	Selenium	3.01	J	ug/L	5	10.0	1.66		11/21/2017 18:42	CL
EPA 245.1	Metals, Total									
	Mercury	< 0.150	U	ug/L	1	0.200	0.150		11/17/2017 22:23	SH
EPA 350.1	Suite II									
	Ammonia as N	2.06		mg/L	1	0.100	0.020		12/04/2017 17:07	ARC
EPA 415.1	Total Organic Carbon									

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-08-E
 Job Sample ID: 1711131.10
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 13:45

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
EPA 415.1	Total Organic Carbon		Batch ID: Qb17121911		Prep Info:					
	Total Organic Carbon	0.00055		%	1	0.0001	0.00005		11/17/2017 18:21	ARC
SM 3500-Cr B	Chromium, Dissolved Hexavalent		Batch ID: Qb17121908		Prep Info:					
	Chromium, Hexavalent	< 1.50	U	ug/L	1	3.00	1.50		11/15/2017 14:50	ARC
SM 4500-CN C, E	Cyanide		Batch ID: Qb17121922		Prep Info: PB17121906		SM 4500-CN C		11/20/2017 16:15	ARC
	Cyanide, Total	< 0.005	U	mg/L	1	0.010	0.005		11/20/2017 19:25	ARC
SW846 8081B	Organochlorine Pesticides		Batch ID:		Prep Info:					
	2,4,5,6 Tetrachloro-m-xylene(surr)	92.5		%	1			60-140	11/22/2017 12:16	
	Decachlorobiphenyl(surr)	75.8		%	1			60-140	11/22/2017 12:16	
SW846 8081B	Organochlorine Pesticides		Batch ID: Qb17112113		Prep Info: PB17112112		SW846 3511		11/16/2017 19:20	
	4,4-DDD	< 0.003	U	ug/L	1	0.012	0.003		11/22/2017 12:16	
	4,4-DDE	< 0.003	U	ug/L	1	0.012	0.003		11/22/2017 12:16	EM
	4,4-DDT	< 0.003	U	ug/L	1	0.012	0.003		11/22/2017 12:16	
	a-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 12:16	
	a-Chlordane	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 12:16	
	Aldrin	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 12:16	
	b-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 12:16	
	Chlordane	0.0117		ug/L	1	0.006	0.003		11/22/2017 12:16	
	d-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 12:16	
	Dieldrin	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 12:16	
	Endosulfan I	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 12:16	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-08-E
Job Sample ID: 1711131.10
Other Information: Grab - Elutriate

Sample Matrix: Water
Date Collected: 11/07/2017
Time Collected: 13:45

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8081B	Organochlorine Pesticides								11/16/2017 19:20	
	Endosulfan II	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 12:16	
	Endosulfan sulfate	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 12:16	EM
	Endrin	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 12:16	
	Endrin aldehyde	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 12:16	
	Endrin ketone	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 12:16	
	g-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 12:16	
	Heptachlor	0.0117		ug/L	1	0.006	0.003		11/22/2017 12:16	
	Heptachlor epoxide	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 12:16	
	Toxaphene	< 0.150	U	ug/L	1	0.300	0.150		11/22/2017 12:16	
	γ-Chlordane	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 12:16	
SW846 8082A	Polychlorinated Biphenyls									
	2,4,5,6 Tetrachloro-m-xylene(surr)	92.5		%	1			60-140	11/23/2017 12:21	
	Decachlorobiphenyl(surr)	37.9	S	%	1			60-140	11/23/2017 12:21	
SW846 8082A	Polychlorinated Biphenyls								11/15/2017 20:10	
	Total PCBs	< 0.006	U	ug/L	1	0.012	0.006		11/23/2017 12:21	
SW846 8270D	Semivolatile Organic Compounds									
	2,4,6-Tribromophenol(surr)	104		%	1			60-140	12/05/2017 11:16	
	2-Fluorobiphenyl(surr)	78.9		%	1			60-140	12/05/2017 11:16	
	2-Fluorophenol(surr)	78.2		%	1			60-140	12/05/2017 11:16	
	Nitrobenzene-d5(surr)	113		%	1			60-140	12/05/2017 11:16	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-08-E
Job Sample ID: 1711131.10
Other Information: Grab - Elutriate

Sample Matrix: Water
Date Collected: 11/07/2017
Time Collected: 13:45

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds		Batch ID:		Prep Info:					
	Phenol-d5(surr)	132		%	1			60-140	12/05/2017 11:16	
	Terphenyl-d14(surr)	76.6		%	1			60-140	12/05/2017 11:16	
SW846 8270D	Semivolatile Organic Compounds		Batch ID: Qb17121803		Prep Info: PB17121803		SW846 3511		11/21/2017 15:49	
	1,2,4-Trichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
	1,2-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
	1,2-Diphenylhydrazine as Azobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
	1,3-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
	1,4-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
	2,4,6-Trichlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 11:16	
	2,4-Dichlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 11:16	
	2,4-Dimethylphenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 11:16	
	2,4-Dinitrophenol	< 9.00	U	ug/L	1	18.0	9.00		12/05/2017 11:16	
	2,4-Dinitrotoluene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
	2,6-Dinitrotoluene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
	2-Chloronaphthalene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
	2-Chlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 11:16	
	2-Nitrophenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 11:16	
	3,3-Dichlorobenzidine	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
	4,6-Dinitro-2-methylphenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 11:16	
	4-Bromophenyl phenyl ether	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
	4-Chloro-3-methylphenol	< 0.56	U	ug/L	1	4.50	0.56		12/05/2017 11:16	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-08-E
Job Sample ID: 1711131.10
Other Information: Grab - Elutriate

Sample Matrix: Water
Date Collected: 11/07/2017
Time Collected: 13:45

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121803	Prep Info:	PB17121803	SW846 3511		11/21/2017 15:49	
	4-Chlorophenyl phenyl ether	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
	4-Nitrophenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 11:16	
	Acenaphthene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
	Acenaphthylene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
	Anthracene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
	Benzidine	< 0.142	U	ug/L	1	0.430	0.142		12/05/2017 11:16	
	Benzo(a)anthracene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
	Benzo(a)pyrene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
	benzo(b&k)fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
	Benzo(b)fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
	Benzo(g,h,i)perylene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
	Benzo(k)fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
	Bis(2-chloroethoxy) methane	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
	Bis(2-chloroethyl) ether	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
	Bis(2-chloroisopropyl) ether	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
	Bis(2-ethylhexyl)phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
	Butyl benzyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
	Chrysene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
	Dibenzo(a,h)anthracene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
	Diethyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
	Dimethyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-08-E
Job Sample ID: 1711131.10
Other Information: Grab - Elutriate

Sample Matrix: Water
Date Collected: 11/07/2017
Time Collected: 13:45

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121803	Prep Info:	PB17121803	SW846 3511		11/21/2017 15:49	
	Di-n-butyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
	Di-n-octyl Phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
	Fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
	Fluorene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
	Hexachlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
	Hexachlorobutadiene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
	Hexachlorocyclopentadiene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
	Hexachloroethane	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
	Indeno(1,2,3-cd)pyrene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
	Isophorone	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
	Naphthalene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
	Nitrobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
	n-Nitrosodimethylamine	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
	n-nitroso-di-n-propylamine	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
	n-Nitrosodiphenylamine	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
	Pentachlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 11:16	
	Phenanthrene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
	Phenol	< 0.56	U	ug/L	1	1.12	0.56		12/05/2017 11:16	
	Pyrene	< 0.281	U	ug/L	1	0.562	0.281		12/05/2017 11:16	
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctadecane(surr)	83.9		%	1			70-130	11/30/2017 19:52	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-08-E
 Job Sample ID: 1711131.10
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 13:45

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctane(surr)	89.0		%	1			70-130	11/30/2017 19:52	EM
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID: Qb17120118		Prep Info: PB17120109		TCEQ 1005		11/27/2017 15:03	EM
	TPH, C6-C35	< 3.22	U	mg/L	1	10.0	3.22		11/30/2017 19:52	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-09-E
 Job Sample ID: 1711131.11
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 13:05

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
Calculation	Chromium, Dissolved Trivalent									
	Trivalent Chromium	< 1.50	U	ug/L	1	3.00	1.50		12/29/2017 13:35	MM
EPA 200.8	Metals, Dissolved									
	Antimony	< 1.00	U	ug/L	5	5.00	1.00		11/21/2017 18:48	CL
	Arsenic	20.2		ug/L	5	2.50	0.500		11/21/2017 18:48	CL
	Beryllium	< 0.050	U	ug/L	5	1.00	0.050		11/22/2017 18:18	CL
	Cadmium	< 0.250	U	ug/L	5	5.00	0.250		11/21/2017 18:48	CL
	Chromium	< 0.400	U	ug/L	5	15.0	0.400		11/21/2017 18:48	CL
	Copper	1.40	J	ug/L	5	5.00	1.00		11/21/2017 18:48	CL
	Lead	< 0.500	U	ug/L	5	2.50	0.500		11/21/2017 18:48	CL
	Nickel	1.38	J	ug/L	5	5.00	0.250		11/21/2017 18:48	CL
	Silver	< 0.150	U	ug/L	5	2.50	0.150		11/21/2017 18:48	CL
	Thallium	< 0.150	U	ug/L	5	2.50	0.150		11/21/2017 18:48	CL
	Zinc	< 1.00	U	ug/L	5	10.0	1.00		11/21/2017 18:48	CL
EPA 200.8	Metals, Total by ICP-MS									
	Selenium	4.61	J	ug/L	5	10.0	1.66		11/21/2017 18:48	CL
EPA 245.1	Metals, Total									
	Mercury	< 0.150	U	ug/L	1	0.200	0.150		11/17/2017 22:33	SH
EPA 350.1	Suite II									
	Ammonia as N	5.97		mg/L	1	0.100	0.020		12/04/2017 17:07	ARC
EPA 415.1	Total Organic Carbon									

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-09-E
 Job Sample ID: 1711131.11
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 13:05

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
EPA 415.1	Total Organic Carbon		Batch ID: Qb17121911		Prep Info:					
	Total Organic Carbon	0.00585		%	1	0.0001	0.00005		11/17/2017 18:21	ARC
SM 3500-Cr B	Chromium, Dissolved Hexavalent		Batch ID: Qb17121908		Prep Info:					
	Chromium, Hexavalent	< 1.50	U	ug/L	1	3.00	1.50		11/15/2017 14:50	ARC
SM 4500-CN C, E	Cyanide		Batch ID: Qb17121922		Prep Info: PB17121906		SM 4500-CN C		11/20/2017 16:15	ARC
	Cyanide, Total	< 0.005	U	mg/L	1	0.010	0.005		11/20/2017 19:25	ARC
SW846 8081B	Organochlorine Pesticides		Batch ID:		Prep Info:					
	2,4,5,6 Tetrachloro-m-xylene(surr)	88.3		%	1			60-140	11/22/2017 12:40	
	Decachlorobiphenyl(surr)	68.9		%	1			60-140	11/22/2017 12:40	
SW846 8081B	Organochlorine Pesticides		Batch ID: Qb17112113		Prep Info: PB17112112		SW846 3511		11/16/2017 19:20	
	4,4-DDD	< 0.003	U	ug/L	1	0.012	0.003		11/22/2017 12:40	
	4,4-DDE	< 0.003	U	ug/L	1	0.012	0.003		11/22/2017 12:40	EM
	4,4-DDT	< 0.003	U	ug/L	1	0.012	0.003		11/22/2017 12:40	
	a-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 12:40	
	a-Chlordane	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 12:40	
	Aldrin	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 12:40	
	b-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 12:40	
	Chlordane	0.0144		ug/L	1	0.006	0.003		11/22/2017 12:40	
	d-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 12:40	
	Dieldrin	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 12:40	
	Endosulfan I	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 12:40	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-09-E
 Job Sample ID: 1711131.11
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 13:05

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8081B	Organochlorine Pesticides		Batch ID: Qb17112113		Prep Info: PB17112112		SW846 3511		11/16/2017 19:20	
	Endosulfan II	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 12:40	
	Endosulfan sulfate	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 12:40	EM
	Endrin	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 12:40	
	Endrin aldehyde	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 12:40	
	Endrin ketone	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 12:40	
	g-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 12:40	
	Heptachlor	0.0144		ug/L	1	0.006	0.003		11/22/2017 12:40	
	Heptachlor epoxide	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 12:40	
	Toxaphene	< 0.150	U	ug/L	1	0.300	0.150		11/22/2017 12:40	
	γ-Chlordane	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 12:40	
SW846 8082A	Polychlorinated Biphenyls		Batch ID:		Prep Info:					
	2,4,5,6 Tetrachloro-m-xylene(surr)	94.2		%	1			60-140	11/23/2017 12:44	
	Decachlorobiphenyl(surr)	36.8	S	%	1			60-140	11/23/2017 12:44	
SW846 8082A	Polychlorinated Biphenyls		Batch ID: Qb17112112		Prep Info: PB17112111		SW846 3511		11/15/2017 20:10	
	Total PCBs	< 0.006	U	ug/L	1	0.012	0.006		11/23/2017 12:44	
SW846 8270D	Semivolatile Organic Compounds		Batch ID:		Prep Info:					
	2,4,6-Tribromophenol(surr)	101		%	1			60-140	12/06/2017 19:20	
	2-Fluorobiphenyl(surr)	80.2		%	1			60-140	12/06/2017 19:20	
	2-Fluorophenol(surr)	101		%	1			60-140	12/06/2017 19:20	
	Nitrobenzene-d5(surr)	116		%	1			60-140	12/06/2017 19:20	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-09-E
 Job Sample ID: 1711131.11
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 13:05

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds		Batch ID:		Prep Info:					
	Phenol-d5(surr)	115		%	1			60-140	12/06/2017 19:20	
	Terphenyl-d14(surr)	84.8		%	1			60-140	12/06/2017 19:20	
SW846 8270D	Semivolatile Organic Compounds		Batch ID: Qb17121803		Prep Info: PB17121803		SW846 3511		11/21/2017 15:49	
	1,2,4-Trichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
	1,2-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
	1,2-Diphenylhydrazine as Azobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
	1,3-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
	1,4-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
	2,4,6-Trichlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 19:20	
	2,4-Dichlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 19:20	
	2,4-Dimethylphenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 19:20	
	2,4-Dinitrophenol	< 9.00	U	ug/L	1	18.0	9.00		12/06/2017 19:20	
	2,4-Dinitrotoluene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
	2,6-Dinitrotoluene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
	2-Chloronaphthalene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
	2-Chlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 19:20	
	2-Nitrophenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 19:20	
	3,3-Dichlorobenzidine	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
	4,6-Dinitro-2-methylphenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 19:20	
	4-Bromophenyl phenyl ether	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
	4-Chloro-3-methylphenol	< 0.56	U	ug/L	1	4.50	0.56		12/06/2017 19:20	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-09-E
 Job Sample ID: 1711131.11
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 13:05

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121803	Prep Info:	PB17121803	SW846 3511		11/21/2017 15:49	
	4-Chlorophenyl phenyl ether	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
	4-Nitrophenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 19:20	
	Acenaphthene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
	Acenaphthylene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
	Anthracene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
	Benzidine	< 0.142	U	ug/L	1	0.430	0.142		12/06/2017 19:20	
	Benzo(a)anthracene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
	Benzo(a)pyrene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
	benzo(b&k)fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
	Benzo(b)fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
	Benzo(g,h,i)perylene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
	Benzo(k)fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
	Bis(2-chloroethoxy) methane	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
	Bis(2-chloroethyl) ether	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
	Bis(2-chloroisopropyl) ether	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
	Bis(2-ethylhexyl)phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
	Butyl benzyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
	Chrysene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
	Dibenzo(a,h)anthracene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
	Diethyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
	Dimethyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-09-E
 Job Sample ID: 1711131.11
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 13:05

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds		Batch ID: Qb17121803		Prep Info: PB17121803		SW846 3511		11/21/2017 15:49	
	Di-n-butyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
	Di-n-octyl Phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
	Fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
	Fluorene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
	Hexachlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
	Hexachlorobutadiene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
	Hexachlorocyclopentadiene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
	Hexachloroethane	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
	Indeno(1,2,3-cd)pyrene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
	Isophorone	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
	Naphthalene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
	Nitrobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
	n-Nitrosodimethylamine	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
	n-nitroso-di-n-propylamine	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
	n-Nitrosodiphenylamine	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
	Pentachlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 19:20	
	Phenanthrene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
	Phenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 19:20	
	Pyrene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:20	
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctadecane(surr)	86.7		%	1			70-130	11/30/2017 20:42	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-09-E
 Job Sample ID: 1711131.11
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 13:05

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctane(surr)	84.9		%	1			70-130	11/30/2017 20:42	EM
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID: Qb17120118		Prep Info: PB17120109		TCEQ 1005		11/27/2017 15:03	EM
	TPH, C6-C35	< 3.22	U	mg/L	1	10.0	3.22		11/30/2017 20:42	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-10-E
Job Sample ID: 1711131.12
Other Information: Grab - Elutriate

Sample Matrix: Water
Date Collected: 11/07/2017
Time Collected: 12:40

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
Calculation	Chromium, Dissolved Trivalent									
	Trivalent Chromium	< 1.50	U	ug/L	1	3.00	1.50		12/29/2017 13:35	MM
EPA 200.8	Metals, Dissolved									
	Antimony	1.39	J	ug/L	5	5.00	1.00		11/21/2017 19:20	CL
	Arsenic	14.5		ug/L	5	2.50	0.500		11/21/2017 19:20	CL
	Beryllium	< 0.050	U	ug/L	5	1.00	0.050		11/22/2017 18:34	CL
	Cadmium	< 0.250	U	ug/L	5	5.00	0.250		11/21/2017 19:20	CL
	Chromium	< 0.400	U	ug/L	5	15.0	0.400		11/21/2017 19:20	CL
	Copper	1.10	J	ug/L	5	5.00	1.00		11/21/2017 19:20	CL
	Lead	< 0.500	U	ug/L	5	2.50	0.500		11/21/2017 19:20	CL
	Nickel	1.33	J	ug/L	5	5.00	0.250		11/21/2017 19:20	CL
	Silver	< 0.150	U	ug/L	5	2.50	0.150		11/21/2017 19:20	CL
	Thallium	< 0.150	U	ug/L	5	2.50	0.150		11/21/2017 19:20	CL
	Zinc	1.54	J	ug/L	5	10.0	1.00		11/21/2017 19:20	CL
EPA 200.8	Metals, Total by ICP-MS									
	Selenium	4.47	J	ug/L	5	10.0	1.66		11/21/2017 19:20	CL
EPA 245.1	Metals, Total									
	Mercury	< 0.150	U	ug/L	1	0.200	0.150		11/17/2017 22:43	SH
EPA 350.1	Suite II									
	Ammonia as N	3.78		mg/L	1	0.100	0.020		12/04/2017 17:07	ARC
EPA 415.1	Total Organic Carbon									

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-10-E
Job Sample ID: 1711131.12
Other Information: Grab - Elutriate

Sample Matrix: Water
Date Collected: 11/07/2017
Time Collected: 12:40

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
EPA 415.1	Total Organic Carbon									
			Batch ID: Qb17121911		Prep Info:					
	Total Organic Carbon	0.000633		%	1	0.0001	0.00005		11/17/2017 18:21	ARC
SM 3500-Cr B	Chromium, Dissolved Hexavalent									
			Batch ID: Qb17121908		Prep Info:					
	Chromium, Hexavalent	< 1.50	U	ug/L	1	3.00	1.50		11/15/2017 14:50	ARC
SM 4500-CN C, E	Cyanide									
			Batch ID: Qb17121922		Prep Info: PB17121906		SM 4500-CN C		11/20/2017 16:15	ARC
	Cyanide, Total	< 0.005	U	mg/L	1	0.010	0.005		11/20/2017 19:25	ARC
SW846 8081B	Organochlorine Pesticides									
			Batch ID:		Prep Info:					
	2,4,5,6 Tetrachloro-m-xylene(surr)	90.0		%	1			60-140	11/22/2017 13:03	
	Decachlorobiphenyl(surr)	67.7		%	1			60-140	11/22/2017 13:03	
SW846 8081B	Organochlorine Pesticides									
			Batch ID: Qb17112113		Prep Info: PB17112112		SW846 3511		11/16/2017 19:20	
	4,4-DDD	< 0.003	U	ug/L	1	0.012	0.003		11/22/2017 13:03	
	4,4-DDE	< 0.003	U	ug/L	1	0.012	0.003		11/22/2017 13:03	EM
	4,4-DDT	< 0.003	U	ug/L	1	0.012	0.003		11/22/2017 13:03	
	a-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:03	
	a-Chlordane	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:03	
	Aldrin	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:03	
	b-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:03	
	Chlordane	0.0121		ug/L	1	0.006	0.003		11/22/2017 13:03	
	d-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:03	
	Dieldrin	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:03	
	Endosulfan I	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:03	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-10-E
 Job Sample ID: 1711131.12
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 12:40

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8081B	Organochlorine Pesticides								11/16/2017 19:20	
			Batch ID: Qb17112113			Prep Info: PB17112112	SW846 3511			
	Endosulfan II	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:03	
	Endosulfan sulfate	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:03	EM
	Endrin	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:03	
	Endrin aldehyde	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:03	
	Endrin ketone	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:03	
	g-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:03	
	Heptachlor	0.0121		ug/L	1	0.006	0.003		11/22/2017 13:03	
	Heptachlor epoxide	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:03	
	Toxaphene	< 0.150	U	ug/L	1	0.300	0.150		11/22/2017 13:03	
	γ-Chlordane	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:03	
SW846 8082A	Polychlorinated Biphenyls									
			Batch ID:			Prep Info:				
	2,4,5,6 Tetrachloro-m-xylene(surr)	97.5		%	1			60-140	11/23/2017 13:06	
	Decachlorobiphenyl(surr)	44.6	S	%	1			60-140	11/23/2017 13:06	
SW846 8082A	Polychlorinated Biphenyls								11/15/2017 20:10	
			Batch ID: Qb17112112			Prep Info: PB17112111	SW846 3511			
	Total PCBs	< 0.006	U	ug/L	1	0.012	0.006		11/23/2017 13:06	
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:			Prep Info:				
	2,4,6-Tribromophenol(surr)	97.7		%	1			60-140	12/06/2017 19:57	
	2-Fluorobiphenyl(surr)	76.9		%	1			60-140	12/06/2017 19:57	
	2-Fluorophenol(surr)	90.6		%	1			60-140	12/06/2017 19:57	
	Nitrobenzene-d5(surr)	109		%	1			60-140	12/06/2017 19:57	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-10-E
Job Sample ID: 1711131.12
Other Information: Grab - Elutriate

Sample Matrix: Water
Date Collected: 11/07/2017
Time Collected: 12:40

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds		Batch ID:		Prep Info:					
	Phenol-d5(surr)	120		%	1			60-140	12/06/2017 19:57	
	Terphenyl-d14(surr)	83.1		%	1			60-140	12/06/2017 19:57	
SW846 8270D	Semivolatile Organic Compounds		Batch ID: Qb17121803		Prep Info: PB17121803		SW846 3511		11/21/2017 15:49	
	1,2,4-Trichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
	1,2-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
	1,2-Diphenylhydrazine as Azobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
	1,3-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
	1,4-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
	2,4,6-Trichlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 19:57	
	2,4-Dichlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 19:57	
	2,4-Dimethylphenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 19:57	
	2,4-Dinitrophenol	< 9.00	U	ug/L	1	18.0	9.00		12/06/2017 19:57	
	2,4-Dinitrotoluene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
	2,6-Dinitrotoluene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
	2-Chloronaphthalene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
	2-Chlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 19:57	
	2-Nitrophenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 19:57	
	3,3-Dichlorobenzidine	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
	4,6-Dinitro-2-methylphenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 19:57	
	4-Bromophenyl phenyl ether	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
	4-Chloro-3-methylphenol	< 0.56	U	ug/L	1	4.50	0.56		12/06/2017 19:57	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-10-E
 Job Sample ID: 1711131.12
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 12:40

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121803	Prep Info:	PB17121803	SW846 3511		11/21/2017 15:49	
	4-Chlorophenyl phenyl ether	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
	4-Nitrophenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 19:57	
	Acenaphthene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
	Acenaphthylene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
	Anthracene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
	Benzidine	< 0.142	U	ug/L	1	0.430	0.142		12/06/2017 19:57	
	Benzo(a)anthracene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
	Benzo(a)pyrene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
	benzo(b&k)fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
	Benzo(b)fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
	Benzo(g,h,i)perylene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
	Benzo(k)fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
	Bis(2-chloroethoxy) methane	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
	Bis(2-chloroethyl) ether	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
	Bis(2-chloroisopropyl) ether	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
	Bis(2-ethylhexyl)phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
	Butyl benzyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
	Chrysene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
	Dibenzo(a,h)anthracene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
	Diethyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
	Dimethyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-10-E
Job Sample ID: 1711131.12
Other Information: Grab - Elutriate

Sample Matrix: Water
Date Collected: 11/07/2017
Time Collected: 12:40

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121803	Prep Info:	PB17121803	SW846 3511		11/21/2017 15:49	
	Di-n-butyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
	Di-n-octyl Phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
	Fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
	Fluorene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
	Hexachlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
	Hexachlorobutadiene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
	Hexachlorocyclopentadiene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
	Hexachloroethane	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
	Indeno(1,2,3-cd)pyrene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
	Isophorone	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
	Naphthalene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
	Nitrobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
	n-Nitrosodimethylamine	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
	n-nitroso-di-n-propylamine	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
	n-Nitrosodiphenylamine	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
	Pentachlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 19:57	
	Phenanthrene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
	Phenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 19:57	
	Pyrene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 19:57	
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctadecane(surr)	85.6		%	1			70-130	12/01/2017 23:09	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-10-E
 Job Sample ID: 1711131.12
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 12:40

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctane(surr)	87.2		%	1			70-130	12/01/2017 23:09	EM
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID: Qb17120118		Prep Info: PB17120109		TCEQ 1005		11/27/2017 15:03	EM
	TPH, C6-C35	< 3.22	U	mg/L	1	10.0	3.22		11/30/2017 21:07	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-11-E
Job Sample ID: 1711131.13
Other Information: Grab - Elutriate

Sample Matrix: Water
Date Collected: 11/07/2017
Time Collected: 12:05

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
Calculation	Chromium, Dissolved Trivalent									
	Trivalent Chromium	< 1.50	U	ug/L	1	3.00	1.50		12/29/2017 13:35	MM
EPA 200.8	Metals, Dissolved									
	Antimony	1.17	J	ug/L	5	5.00	1.00		11/21/2017 19:25	CL
	Arsenic	20.5		ug/L	5	2.50	0.500		11/21/2017 19:25	CL
	Beryllium	< 0.050	U	ug/L	5	1.00	0.050		11/22/2017 18:39	CL
	Cadmium	< 0.250	U	ug/L	5	5.00	0.250		11/21/2017 19:25	CL
	Chromium	< 0.400	U	ug/L	5	15.0	0.400		11/21/2017 19:25	CL
	Copper	1.99	J	ug/L	5	5.00	1.00		11/21/2017 19:25	CL
	Lead	< 0.500	U	ug/L	5	2.50	0.500		11/21/2017 19:25	CL
	Nickel	1.38	J	ug/L	5	5.00	0.250		11/21/2017 19:25	CL
	Silver	< 0.150	U	ug/L	5	2.50	0.150		11/21/2017 19:25	CL
	Thallium	< 0.150	U	ug/L	5	2.50	0.150		11/21/2017 19:25	CL
	Zinc	1.69	J	ug/L	5	10.0	1.00		11/21/2017 19:25	CL
EPA 200.8	Metals, Total by ICP-MS									
	Selenium	3.94	J	ug/L	5	10.0	1.66		11/21/2017 19:25	CL
EPA 245.1	Metals, Total									
	Mercury	< 0.150	U	ug/L	1	0.200	0.150		11/17/2017 22:46	SH
EPA 350.1	Suite II									
	Ammonia as N	6.10		mg/L	1	0.100	0.020		12/04/2017 17:07	ARC
EPA 415.1	Total Organic Carbon									

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-11-E
Job Sample ID: 1711131.13
Other Information: Grab - Elutriate

Sample Matrix: Water
Date Collected: 11/07/2017
Time Collected: 12:05

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
EPA 415.1	Total Organic Carbon									
			Batch ID: Qb17121911		Prep Info:					
	Total Organic Carbon	0.000639		%	1	0.0001	0.00005		11/17/2017 18:21	ARC
SM 3500-Cr B	Chromium, Dissolved Hexavalent									
			Batch ID: Qb17121908		Prep Info:					
	Chromium, Hexavalent	< 1.50	U	ug/L	1	3.00	1.50		11/15/2017 14:50	ARC
SM 4500-CN C, E	Cyanide									
			Batch ID: Qb17121922		Prep Info: PB17121906		SM 4500-CN C		11/20/2017 16:15	ARC
	Cyanide, Total	< 0.005	U	mg/L	1	0.010	0.005		11/20/2017 19:25	ARC
SW846 8081B	Organochlorine Pesticides									
			Batch ID:		Prep Info:					
	2,4,5,6 Tetrachloro-m-xylene(surr)	91.7		%	1			60-140	11/22/2017 13:27	
	Decachlorobiphenyl(surr)	62.1		%	1			60-140	11/22/2017 13:27	
SW846 8081B	Organochlorine Pesticides									
			Batch ID: Qb17112113		Prep Info: PB17112112		SW846 3511		11/16/2017 19:20	
	4,4-DDD	< 0.003	U	ug/L	1	0.012	0.003		11/22/2017 13:27	
	4,4-DDE	< 0.003	U	ug/L	1	0.012	0.003		11/22/2017 13:27	EM
	4,4-DDT	< 0.003	U	ug/L	1	0.012	0.003		11/22/2017 13:27	
	a-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:27	
	a-Chlordane	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:27	
	Aldrin	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:27	
	b-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:27	
	Chlordane	0.0124		ug/L	1	0.006	0.003		11/22/2017 13:27	
	d-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:27	
	Dieldrin	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:27	
	Endosulfan I	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:27	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-11-E
Job Sample ID: 1711131.13
Other Information: Grab - Elutriate

Sample Matrix: Water
Date Collected: 11/07/2017
Time Collected: 12:05

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8081B	Organochlorine Pesticides								11/16/2017 19:20	
	Endosulfan II	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:27	
	Endosulfan sulfate	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:27	EM
	Endrin	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:27	
	Endrin aldehyde	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:27	
	Endrin ketone	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:27	
	g-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:27	
	Heptachlor	0.0124		ug/L	1	0.006	0.003		11/22/2017 13:27	
	Heptachlor epoxide	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:27	
	Toxaphene	< 0.150	U	ug/L	1	0.300	0.150		11/22/2017 13:27	
	γ-Chlordane	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:27	
SW846 8082A	Polychlorinated Biphenyls									
	2,4,5,6 Tetrachloro-m-xylene(surr)	95.0		%	1			60-140	11/23/2017 13:29	
	Decachlorobiphenyl(surr)	40.2	S	%	1			60-140	11/23/2017 13:29	
SW846 8082A	Polychlorinated Biphenyls								11/15/2017 20:10	
	Total PCBs	< 0.006	U	ug/L	1	0.012	0.006		11/23/2017 13:29	
SW846 8270D	Semivolatile Organic Compounds									
	2,4,6-Tribromophenol(surr)	89.5		%	1			60-140	12/06/2017 20:33	
	2-Fluorobiphenyl(surr)	75.2		%	1			60-140	12/06/2017 20:33	
	2-Fluorophenol(surr)	59.1	S	%	1			60-140	12/06/2017 20:33	
	Nitrobenzene-d5(surr)	103		%	1			60-140	12/06/2017 20:33	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-11-E
 Job Sample ID: 1711131.13
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 12:05

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds		Batch ID:		Prep Info:					
	Phenol-d5(surr)	116		%	1			60-140	12/06/2017 20:33	
	Terphenyl-d14(surr)	80.9		%	1			60-140	12/06/2017 20:33	
SW846 8270D	Semivolatile Organic Compounds		Batch ID: Qb17121803		Prep Info: PB17121803		SW846 3511		11/21/2017 15:49	
	1,2,4-Trichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
	1,2-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
	1,2-Diphenylhydrazine as Azobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
	1,3-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
	1,4-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
	2,4,6-Trichlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 20:33	
	2,4-Dichlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 20:33	
	2,4-Dimethylphenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 20:33	
	2,4-Dinitrophenol	< 9.00	U	ug/L	1	18.0	9.00		12/06/2017 20:33	
	2,4-Dinitrotoluene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
	2,6-Dinitrotoluene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
	2-Chloronaphthalene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
	2-Chlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 20:33	
	2-Nitrophenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 20:33	
	3,3-Dichlorobenzidine	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
	4,6-Dinitro-2-methylphenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 20:33	
	4-Bromophenyl phenyl ether	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
	4-Chloro-3-methylphenol	< 0.56	U	ug/L	1	4.50	0.56		12/06/2017 20:33	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-11-E
 Job Sample ID: 1711131.13
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 12:05

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID: Qb17121803			Prep Info: PB17121803		SW846 3511	11/21/2017 15:49	
	4-Chlorophenyl phenyl ether	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
	4-Nitrophenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 20:33	
	Acenaphthene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
	Acenaphthylene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
	Anthracene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
	Benzidine	< 0.142	U	ug/L	1	0.430	0.142		12/06/2017 20:33	
	Benzo(a)anthracene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
	Benzo(a)pyrene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
	benzo(b&k)fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
	Benzo(b)fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
	Benzo(g,h,i)perylene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
	Benzo(k)fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
	Bis(2-chloroethoxy) methane	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
	Bis(2-chloroethyl) ether	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
	Bis(2-chloroisopropyl) ether	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
	Bis(2-ethylhexyl)phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
	Butyl benzyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
	Chrysene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
	Dibenzo(a,h)anthracene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
	Diethyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
	Dimethyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-11-E
Job Sample ID: 1711131.13
Other Information: Grab - Elutriate

Sample Matrix: Water
Date Collected: 11/07/2017
Time Collected: 12:05

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds		Batch ID: Qb17121803		Prep Info: PB17121803		SW846 3511		11/21/2017 15:49	
	Di-n-butyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
	Di-n-octyl Phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
	Fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
	Fluorene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
	Hexachlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
	Hexachlorobutadiene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
	Hexachlorocyclopentadiene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
	Hexachloroethane	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
	Indeno(1,2,3-cd)pyrene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
	Isophorone	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
	Naphthalene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
	Nitrobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
	n-Nitrosodimethylamine	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
	n-nitroso-di-n-propylamine	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
	n-Nitrosodiphenylamine	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
	Pentachlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 20:33	
	Phenanthrene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
	Phenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 20:33	
	Pyrene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 20:33	
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctadecane(surr)	98.0		%	1			70-130	12/01/2017 23:09	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-11-E
 Job Sample ID: 1711131.13
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 12:05

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctane(surr)	106		%	1			70-130	12/01/2017 23:09	EM
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID: Qb17120118		Prep Info: PB17120109		TCEQ 1005		11/27/2017 15:03	EM
	TPH, C6-C35	< 3.22	U	mg/L	1	10.0	3.22		11/30/2017 21:32	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-12-E
 Job Sample ID: 1711131.14
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 12:20

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
Calculation	Chromium, Dissolved Trivalent									
	Trivalent Chromium	< 1.50	U	ug/L	1	3.00	1.50		12/29/2017 13:35	MM
EPA 200.8	Metals, Dissolved									
	Antimony	< 1.00	U	ug/L	5	5.00	1.00		11/21/2017 19:30	CL
	Arsenic	23.6		ug/L	5	2.50	0.500		11/21/2017 19:30	CL
	Beryllium	< 0.050	U	ug/L	5	1.00	0.050		11/22/2017 19:01	CL
	Cadmium	< 0.250	U	ug/L	5	5.00	0.250		11/21/2017 19:30	CL
	Chromium	< 0.400	U	ug/L	5	15.0	0.400		11/21/2017 19:30	CL
	Copper	1.26	J	ug/L	5	5.00	1.00		11/21/2017 19:30	CL
	Lead	< 0.500	U	ug/L	5	2.50	0.500		11/21/2017 19:30	CL
	Nickel	1.23	J	ug/L	5	5.00	0.250		11/21/2017 19:30	CL
	Silver	< 0.150	U	ug/L	5	2.50	0.150		11/21/2017 19:30	CL
	Thallium	< 0.150	U	ug/L	5	2.50	0.150		11/21/2017 19:30	CL
	Zinc	1.16	J	ug/L	5	10.0	1.00		11/21/2017 19:30	CL
EPA 200.8	Metals, Total by ICP-MS									
	Selenium	4.56	J	ug/L	5	10.0	1.66		11/21/2017 19:30	CL
EPA 245.1	Metals, Total									
	Mercury	< 0.150	U	ug/L	1	0.200	0.150		11/17/2017 22:50	SH
EPA 350.1	Suite II									
	Ammonia as N	6.13		mg/L	1	0.100	0.020		12/04/2017 17:07	ARC
EPA 415.1	Total Organic Carbon									

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-12-E
Job Sample ID: 1711131.14
Other Information: Grab - Elutriate

Sample Matrix: Water
Date Collected: 11/07/2017
Time Collected: 12:20

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
EPA 415.1	Total Organic Carbon									
			Batch ID: Qb17121911		Prep Info:					
	Total Organic Carbon	0.000532		%	1	0.0001	0.00005		11/17/2017 18:21	ARC
SM 3500-Cr B	Chromium, Dissolved Hexavalent									
			Batch ID: Qb17121908		Prep Info:					
	Chromium, Hexavalent	< 1.50	U	ug/L	1	3.00	1.50		11/15/2017 14:50	ARC
SM 4500-CN C, E	Cyanide									
			Batch ID: Qb17121922		Prep Info: PB17121906		SM 4500-CN C		11/20/2017 16:15	ARC
	Cyanide, Total	< 0.005	U	mg/L	1	0.010	0.005		11/20/2017 19:25	ARC
SW846 8081B	Organochlorine Pesticides									
			Batch ID:		Prep Info:					
	2,4,5,6 Tetrachloro-m-xylene(surr)	89.2		%	1			60-140	11/22/2017 13:51	
	Decachlorobiphenyl(surr)	56.7	S	%	1			60-140	11/22/2017 13:51	
SW846 8081B	Organochlorine Pesticides									
			Batch ID: Qb17112113		Prep Info: PB17112112		SW846 3511		11/16/2017 19:20	
	4,4-DDD	< 0.003	U	ug/L	1	0.012	0.003		11/22/2017 13:51	
	4,4-DDE	< 0.003	U	ug/L	1	0.012	0.003		11/22/2017 13:51	EM
	4,4-DDT	< 0.003	U	ug/L	1	0.012	0.003		11/22/2017 13:51	
	a-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:51	
	a-Chlordane	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:51	
	Aldrin	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:51	
	b-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:51	
	Chlordane	0.0157		ug/L	1	0.006	0.003		11/22/2017 13:51	
	d-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:51	
	Dieldrin	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:51	
	Endosulfan I	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:51	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-12-E
Job Sample ID: 1711131.14
Other Information: Grab - Elutriate

Sample Matrix: Water
Date Collected: 11/07/2017
Time Collected: 12:20

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8081B	Organochlorine Pesticides									
			Batch ID:	Qb17112113	Prep Info:	PB17112112	SW846 3511		11/16/2017 19:20	
	Endosulfan II	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:51	
	Endosulfan sulfate	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:51	EM
	Endrin	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:51	
	Endrin aldehyde	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:51	
	Endrin ketone	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:51	
	g-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:51	
	Heptachlor	0.0157		ug/L	1	0.006	0.003		11/22/2017 13:51	
	Heptachlor epoxide	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:51	
	Toxaphene	< 0.150	U	ug/L	1	0.300	0.150		11/22/2017 13:51	
	γ-Chlordane	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 13:51	
SW846 8082A	Polychlorinated Biphenyls									
			Batch ID:		Prep Info:					
	2,4,5,6 Tetrachloro-m-xylene(surr)	92.5		%	1			60-140	11/23/2017 13:52	
	Decachlorobiphenyl(surr)	39.6	S	%	1			60-140	11/23/2017 13:52	
SW846 8082A	Polychlorinated Biphenyls									
			Batch ID:	Qb17112112	Prep Info:	PB17112111	SW846 3511		11/15/2017 20:10	
	Total PCBs	< 0.006	U	ug/L	1	0.012	0.006		11/23/2017 13:52	
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:		Prep Info:					
	2,4,6-Tribromophenol(surr)	106		%	1			60-140	12/06/2017 21:10	
	2-Fluorobiphenyl(surr)	85.6		%	1			60-140	12/06/2017 21:10	
	2-Fluorophenol(surr)	65.5		%	1			60-140	12/06/2017 21:10	
	Nitrobenzene-d5(surr)	114		%	1			60-140	12/06/2017 21:10	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.	Attn: Terence Cake
Project ID: GIWW Across Aransas Bay (5024)	

Job ID : 1711131	Sample Matrix: Water
Client Sample ID: GIC-AB-17-12-E	Date Collected: 11/07/2017
Job Sample ID: 1711131.14	Time Collected: 12:20
Other Information: Grab - Elutriate	

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds		Batch ID:		Prep Info:					
	Phenol-d5(surr)	130		%	1			60-140	12/06/2017 21:10	
	Terphenyl-d14(surr)	120		%	1			60-140	12/06/2017 21:10	
SW846 8270D	Semivolatile Organic Compounds		Batch ID: Qb17121803		Prep Info: PB17121803		SW846 3511		11/21/2017 15:49	
	1,2,4-Trichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
	1,2-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
	1,2-Diphenylhydrazine as Azobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
	1,3-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
	1,4-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
	2,4,6-Trichlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 21:10	
	2,4-Dichlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 21:10	
	2,4-Dimethylphenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 21:10	
	2,4-Dinitrophenol	< 9.00	U	ug/L	1	18.0	9.00		12/06/2017 21:10	
	2,4-Dinitrotoluene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
	2,6-Dinitrotoluene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
	2-Chloronaphthalene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
	2-Chlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 21:10	
	2-Nitrophenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 21:10	
	3,3-Dichlorobenzidine	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
	4,6-Dinitro-2-methylphenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 21:10	
	4-Bromophenyl phenyl ether	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
	4-Chloro-3-methylphenol	< 0.56	U	ug/L	1	4.50	0.56		12/06/2017 21:10	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-12-E
 Job Sample ID: 1711131.14
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 12:20

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121803	Prep Info:	PB17121803	SW846 3511		11/21/2017 15:49	
	4-Chlorophenyl phenyl ether	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
	4-Nitrophenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 21:10	
	Acenaphthene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
	Acenaphthylene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
	Anthracene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
	Benzidine	< 0.142	U	ug/L	1	0.430	0.142		12/06/2017 21:10	
	Benzo(a)anthracene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
	Benzo(a)pyrene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
	benzo(b&k)fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
	Benzo(b)fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
	Benzo(g,h,i)perylene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
	Benzo(k)fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
	Bis(2-chloroethoxy) methane	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
	Bis(2-chloroethyl) ether	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
	Bis(2-chloroisopropyl) ether	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
	Bis(2-ethylhexyl)phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
	Butyl benzyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
	Chrysene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
	Dibenzo(a,h)anthracene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
	Diethyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
	Dimethyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-12-E
 Job Sample ID: 1711131.14
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 12:20

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds		Batch ID: Qb17121803		Prep Info: PB17121803		SW846 3511		11/21/2017 15:49	
	Di-n-butyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
	Di-n-octyl Phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
	Fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
	Fluorene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
	Hexachlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
	Hexachlorobutadiene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
	Hexachlorocyclopentadiene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
	Hexachloroethane	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
	Indeno(1,2,3-cd)pyrene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
	Isophorone	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
	Naphthalene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
	Nitrobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
	n-Nitrosodimethylamine	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
	n-nitroso-di-n-propylamine	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
	n-Nitrosodiphenylamine	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
	Pentachlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 21:10	
	Phenanthrene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
	Phenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 21:10	
	Pyrene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:10	
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctadecane(surr)	89.0		%	1			70-130	11/30/2017 21:58	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-12-E
 Job Sample ID: 1711131.14
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 12:20

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctane(surr)	93.1		%	1			70-130	11/30/2017 21:58	EM
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID: Qb17120118		Prep Info: PB17120109		TCEQ 1005		11/27/2017 15:03	EM
	TPH, C6-C35	< 3.22	U	mg/L	1	10.0	3.22		11/30/2017 21:58	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-13-E
 Job Sample ID: 1711131.15
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 11:18

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
Calculation	Chromium, Dissolved Trivalent									
	Trivalent Chromium	< 1.50	U	ug/L	1	3.00	1.50		12/29/2017 13:35	MM
EPA 200.8	Metals, Dissolved									
	Antimony	1.00	J	ug/L	5	5.00	1.00		11/21/2017 19:36	CL
	Arsenic	16.1		ug/L	5	2.50	0.500		11/21/2017 19:36	CL
	Beryllium	< 0.050	U	ug/L	5	1.00	0.050		11/22/2017 19:06	CL
	Cadmium	< 0.250	U	ug/L	5	5.00	0.250		11/21/2017 19:36	CL
	Chromium	< 0.400	U	ug/L	5	15.0	0.400		11/21/2017 19:36	CL
	Copper	1.70	J	ug/L	5	5.00	1.00		11/21/2017 19:36	CL
	Lead	< 0.500	U	ug/L	5	2.50	0.500		11/21/2017 19:36	CL
	Nickel	1.11	J	ug/L	5	5.00	0.250		11/21/2017 19:36	CL
	Silver	< 0.150	U	ug/L	5	2.50	0.150		11/21/2017 19:36	CL
	Thallium	0.245	J	ug/L	5	2.50	0.150		11/21/2017 19:36	CL
	Zinc	1.37	J	ug/L	5	10.0	1.00		11/21/2017 19:36	CL
EPA 200.8	Metals, Total by ICP-MS									
	Selenium	5.40	J	ug/L	5	10.0	1.66		11/21/2017 19:36	CL
EPA 245.1	Metals, Total									
	Mercury	< 0.150	U	ug/L	1	0.200	0.150		11/17/2017 22:53	SH
EPA 350.1	Suite II									
	Ammonia as N	4.66		mg/L	1	0.100	0.020		12/04/2017 17:07	ARC
EPA 415.1	Total Organic Carbon									

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-13-E
Job Sample ID: 1711131.15
Other Information: Grab - Elutriate

Sample Matrix: Water
Date Collected: 11/07/2017
Time Collected: 11:18

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
EPA 415.1	Total Organic Carbon									
			Batch ID: Qb17121911		Prep Info:					
	Total Organic Carbon	0.000589		%	1	0.0001	0.00005		11/17/2017 18:21	ARC
SM 3500-Cr B	Chromium, Dissolved Hexavalent									
			Batch ID: Qb17121908		Prep Info:					
	Chromium, Hexavalent	< 1.50	U	ug/L	1	3.00	1.50		11/15/2017 14:50	ARC
SM 4500-CN C, E	Cyanide									
			Batch ID: Qb17121922		Prep Info: PB17121906		SM 4500-CN C		11/20/2017 16:15	ARC
	Cyanide, Total	< 0.005	U	mg/L	1	0.010	0.005		11/20/2017 19:25	ARC
SW846 8081B	Organochlorine Pesticides									
			Batch ID:		Prep Info:					
	2,4,5,6 Tetrachloro-m-xylene(surr)	92.5		%	1			60-140	11/22/2017 14:15	
	Decachlorobiphenyl(surr)	63.3		%	1			60-140	11/22/2017 14:15	
SW846 8081B	Organochlorine Pesticides									
			Batch ID: Qb17112113		Prep Info: PB17112112		SW846 3511		11/16/2017 19:20	
	4,4-DDD	< 0.003	U	ug/L	1	0.012	0.003		11/22/2017 14:15	
	4,4-DDE	< 0.003	U	ug/L	1	0.012	0.003		11/22/2017 14:15	EM
	4,4-DDT	< 0.003	U	ug/L	1	0.012	0.003		11/22/2017 14:15	
	a-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 14:15	
	a-Chlordane	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 14:15	
	Aldrin	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 14:15	
	b-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 14:15	
	Chlordane	0.0168		ug/L	1	0.006	0.003		11/22/2017 14:15	
	d-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 14:15	
	Dieldrin	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 14:15	
	Endosulfan I	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 14:15	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-13-E
Job Sample ID: 1711131.15
Other Information: Grab - Elutriate

Sample Matrix: Water
Date Collected: 11/07/2017
Time Collected: 11:18

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8081B	Organochlorine Pesticides									
			Batch ID:	Qb17112113	Prep Info:	PB17112112	SW846 3511		11/16/2017 19:20	
	Endosulfan II	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 14:15	
	Endosulfan sulfate	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 14:15	EM
	Endrin	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 14:15	
	Endrin aldehyde	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 14:15	
	Endrin ketone	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 14:15	
	g-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 14:15	
	Heptachlor	0.0168		ug/L	1	0.006	0.003		11/22/2017 14:15	
	Heptachlor epoxide	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 14:15	
	Toxaphene	< 0.150	U	ug/L	1	0.300	0.150		11/22/2017 14:15	
	γ-Chlordane	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 14:15	
SW846 8082A	Polychlorinated Biphenyls									
			Batch ID:		Prep Info:					
	2,4,5,6 Tetrachloro-m-xylene(surr)	104		%	1			60-140	11/23/2017 14:15	
	Decachlorobiphenyl(surr)	51.0	S	%	1			60-140	11/23/2017 14:15	
SW846 8082A	Polychlorinated Biphenyls									
			Batch ID:	Qb17112112	Prep Info:	PB17112111	SW846 3511		11/15/2017 20:10	
	Total PCBs	< 0.006	U	ug/L	1	0.012	0.006		11/23/2017 14:15	
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:		Prep Info:					
	2,4,6-Tribromophenol(surr)	97.5		%	1			60-140	12/06/2017 21:47	
	2-Fluorobiphenyl(surr)	77.7		%	1			60-140	12/06/2017 21:47	
	2-Fluorophenol(surr)	91.5		%	1			60-140	12/06/2017 21:47	
	Nitrobenzene-d5(surr)	115		%	1			60-140	12/06/2017 21:47	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-13-E
Job Sample ID: 1711131.15
Other Information: Grab - Elutriate

Sample Matrix: Water
Date Collected: 11/07/2017
Time Collected: 11:18

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds		Batch ID:		Prep Info:					
	Phenol-d5(surr)	123		%	1			60-140	12/06/2017 21:47	
	Terphenyl-d14(surr)	82.7		%	1			60-140	12/06/2017 21:47	
SW846 8270D	Semivolatile Organic Compounds		Batch ID: Qb17121803		Prep Info: PB17121803		SW846 3511		11/21/2017 15:49	
	1,2,4-Trichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
	1,2-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
	1,2-Diphenylhydrazine as Azobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
	1,3-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
	1,4-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
	2,4,6-Trichlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 21:47	
	2,4-Dichlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 21:47	
	2,4-Dimethylphenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 21:47	
	2,4-Dinitrophenol	< 9.00	U	ug/L	1	18.0	9.00		12/06/2017 21:47	
	2,4-Dinitrotoluene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
	2,6-Dinitrotoluene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
	2-Chloronaphthalene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
	2-Chlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 21:47	
	2-Nitrophenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 21:47	
	3,3-Dichlorobenzidine	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
	4,6-Dinitro-2-methylphenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 21:47	
	4-Bromophenyl phenyl ether	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
	4-Chloro-3-methylphenol	< 0.56	U	ug/L	1	4.50	0.56		12/06/2017 21:47	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-13-E
 Job Sample ID: 1711131.15
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 11:18

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121803	Prep Info:	PB17121803	SW846 3511		11/21/2017 15:49	
	4-Chlorophenyl phenyl ether	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
	4-Nitrophenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 21:47	
	Acenaphthene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
	Acenaphthylene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
	Anthracene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
	Benzidine	< 0.142	U	ug/L	1	0.430	0.142		12/06/2017 21:47	
	Benzo(a)anthracene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
	Benzo(a)pyrene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
	benzo(b&k)fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
	Benzo(b)fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
	Benzo(g,h,i)perylene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
	Benzo(k)fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
	Bis(2-chloroethoxy) methane	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
	Bis(2-chloroethyl) ether	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
	Bis(2-chloroisopropyl) ether	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
	Bis(2-ethylhexyl)phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
	Butyl benzyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
	Chrysene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
	Dibenzo(a,h)anthracene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
	Diethyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
	Dimethyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-13-E
 Job Sample ID: 1711131.15
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 11:18

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds		Batch ID: Qb17121803		Prep Info: PB17121803		SW846 3511		11/21/2017 15:49	
	Di-n-butyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
	Di-n-octyl Phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
	Fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
	Fluorene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
	Hexachlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
	Hexachlorobutadiene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
	Hexachlorocyclopentadiene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
	Hexachloroethane	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
	Indeno(1,2,3-cd)pyrene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
	Isophorone	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
	Naphthalene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
	Nitrobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
	n-Nitrosodimethylamine	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
	n-nitroso-di-n-propylamine	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
	n-Nitrosodiphenylamine	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
	Pentachlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 21:47	
	Phenanthrene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
	Phenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 21:47	
	Pyrene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 21:47	
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctadecane(surr)	90.5		%	1			70-130	11/30/2017 22:24	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-13-E
 Job Sample ID: 1711131.15
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 11:18

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctane(surr)	91.3		%	1			70-130	11/30/2017 22:24	EM
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID: Qb17120118		Prep Info: PB17120109		TCEQ 1005		11/27/2017 15:03	EM
	TPH, C6-C35	< 3.22	U	mg/L	1	10.0	3.22		11/30/2017 22:24	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-14-E
 Job Sample ID: 1711131.16
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 11:09

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
Calculation	Chromium, Dissolved Trivalent									
	Trivalent Chromium	< 1.50	U	ug/L	1	3.00	1.50		12/29/2017 13:35	MM
EPA 200.8	Metals, Dissolved									
	Antimony	< 1.00	U	ug/L	5	5.00	1.00		11/21/2017 19:41	CL
	Arsenic	17.6		ug/L	5	2.50	0.500		11/21/2017 19:41	CL
	Beryllium	< 0.050	U	ug/L	5	1.00	0.050		11/22/2017 19:12	CL
	Cadmium	< 0.250	U	ug/L	5	5.00	0.250		11/21/2017 19:41	CL
	Chromium	< 0.400	U	ug/L	5	15.0	0.400		11/21/2017 19:41	CL
	Copper	2.82	J	ug/L	5	5.00	1.00		11/21/2017 19:41	CL
	Lead	< 0.500	U	ug/L	5	2.50	0.500		11/21/2017 19:41	CL
	Nickel	1.44	J	ug/L	5	5.00	0.250		11/21/2017 19:41	CL
	Silver	< 0.150	U	ug/L	5	2.50	0.150		11/21/2017 19:41	CL
	Thallium	< 0.150	U	ug/L	5	2.50	0.150		11/21/2017 19:41	CL
	Zinc	2.58	J	ug/L	5	10.0	1.00		11/21/2017 19:41	CL
EPA 200.8	Metals, Total by ICP-MS									
	Selenium	4.54	J	ug/L	5	10.0	1.66		11/21/2017 19:41	CL
EPA 245.1	Metals, Total									
	Mercury	< 0.150	U	ug/L	1	0.200	0.150		11/17/2017 22:56	SH
EPA 350.1	Suite II									
	Ammonia as N	5.15		mg/L	1	0.100	0.020		12/04/2017 17:07	ARC
EPA 415.1	Total Organic Carbon									

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-14-E
Job Sample ID: 1711131.16
Other Information: Grab - Elutriate

Sample Matrix: Water
Date Collected: 11/07/2017
Time Collected: 11:09

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
EPA 415.1	Total Organic Carbon									
			Batch ID: Qb17121911		Prep Info:					
	Total Organic Carbon	0.000646		%	1	0.0001	0.00005		11/17/2017 18:21	ARC
SM 3500-Cr B	Chromium, Dissolved Hexavalent									
			Batch ID: Qb17121908		Prep Info:					
	Chromium, Hexavalent	< 1.50	U	ug/L	1	3.00	1.50		11/15/2017 14:50	ARC
SM 4500-CN C, E	Cyanide									
			Batch ID: Qb17121922		Prep Info: PB17121906		SM 4500-CN C		11/20/2017 16:15	ARC
	Cyanide, Total	< 0.005	U	mg/L	1	0.010	0.005		11/20/2017 19:25	ARC
SW846 8081B	Organochlorine Pesticides									
			Batch ID:		Prep Info:					
	2,4,5,6 Tetrachloro-m-xylene(surr)	95.8		%	1			60-140	11/22/2017 14:39	
	Decachlorobiphenyl(surr)	65.8		%	1			60-140	11/22/2017 14:39	
SW846 8081B	Organochlorine Pesticides									
			Batch ID: Qb17112113		Prep Info: PB17112112		SW846 3511		11/16/2017 19:20	
	4,4-DDD	< 0.003	U	ug/L	1	0.012	0.003		11/22/2017 14:39	
	4,4-DDE	< 0.003	U	ug/L	1	0.012	0.003		11/22/2017 14:39	EM
	4,4-DDT	< 0.003	U	ug/L	1	0.012	0.003		11/22/2017 14:39	
	a-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 14:39	
	a-Chlordane	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 14:39	
	Aldrin	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 14:39	
	b-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 14:39	
	Chlordane	0.0206		ug/L	1	0.006	0.003		11/22/2017 14:39	
	d-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 14:39	
	Dieldrin	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 14:39	
	Endosulfan I	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 14:39	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-14-E
Job Sample ID: 1711131.16
Other Information: Grab - Elutriate

Sample Matrix: Water
Date Collected: 11/07/2017
Time Collected: 11:09

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8081B	Organochlorine Pesticides									
			Batch ID:	Qb17112113	Prep Info:	PB17112112	SW846 3511		11/16/2017 19:20	
	Endosulfan II	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 14:39	
	Endosulfan sulfate	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 14:39	EM
	Endrin	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 14:39	
	Endrin aldehyde	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 14:39	
	Endrin ketone	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 14:39	
	g-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 14:39	
	Heptachlor	0.0206		ug/L	1	0.006	0.003		11/22/2017 14:39	
	Heptachlor epoxide	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 14:39	
	Toxaphene	< 0.150	U	ug/L	1	0.300	0.150		11/22/2017 14:39	
	γ-Chlordane	< 0.003	U	ug/L	1	0.006	0.003		11/22/2017 14:39	
SW846 8082A	Polychlorinated Biphenyls									
			Batch ID:		Prep Info:					
	2,4,5,6 Tetrachloro-m-xylene(surr)	101		%	1			60-140	11/23/2017 14:38	
	Decachlorobiphenyl(surr)	47.8	S	%	1			60-140	11/23/2017 14:38	
SW846 8082A	Polychlorinated Biphenyls									
			Batch ID:	Qb17112112	Prep Info:	PB17112111	SW846 3511		11/15/2017 20:10	
	Total PCBs	< 0.006	U	ug/L	1	0.012	0.006		11/23/2017 14:38	
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:		Prep Info:					
	2,4,6-Tribromophenol(surr)	104		%	1			60-140	12/06/2017 22:24	
	2-Fluorobiphenyl(surr)	79.2		%	1			60-140	12/06/2017 22:24	
	2-Fluorophenol(surr)	86.1		%	1			60-140	12/06/2017 22:24	
	Nitrobenzene-d5(surr)	114		%	1			60-140	12/06/2017 22:24	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-14-E
 Job Sample ID: 1711131.16
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 11:09

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds		Batch ID:		Prep Info:					
	Phenol-d5(surr)	126		%	1			60-140	12/06/2017 22:24	
	Terphenyl-d14(surr)	79.0		%	1			60-140	12/06/2017 22:24	
SW846 8270D	Semivolatile Organic Compounds		Batch ID: Qb17121803		Prep Info: PB17121803		SW846 3511		11/21/2017 15:49	
	1,2,4-Trichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
	1,2-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
	1,2-Diphenylhydrazine as Azobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
	1,3-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
	1,4-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
	2,4,6-Trichlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 22:24	
	2,4-Dichlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 22:24	
	2,4-Dimethylphenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 22:24	
	2,4-Dinitrophenol	< 9.00	U	ug/L	1	18.0	9.00		12/06/2017 22:24	
	2,4-Dinitrotoluene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
	2,6-Dinitrotoluene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
	2-Chloronaphthalene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
	2-Chlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 22:24	
	2-Nitrophenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 22:24	
	3,3-Dichlorobenzidine	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
	4,6-Dinitro-2-methylphenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 22:24	
	4-Bromophenyl phenyl ether	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
	4-Chloro-3-methylphenol	< 0.56	U	ug/L	1	4.50	0.56		12/06/2017 22:24	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-14-E
Job Sample ID: 1711131.16
Other Information: Grab - Elutriate

Sample Matrix: Water
Date Collected: 11/07/2017
Time Collected: 11:09

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121803	Prep Info:	PB17121803	SW846 3511		11/21/2017 15:49	
	4-Chlorophenyl phenyl ether	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
	4-Nitrophenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 22:24	
	Acenaphthene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
	Acenaphthylene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
	Anthracene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
	Benzidine	< 0.142	U	ug/L	1	0.430	0.142		12/06/2017 22:24	
	Benzo(a)anthracene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
	Benzo(a)pyrene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
	benzo(b&k)fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
	Benzo(b)fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
	Benzo(g,h,i)perylene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
	Benzo(k)fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
	Bis(2-chloroethoxy) methane	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
	Bis(2-chloroethyl) ether	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
	Bis(2-chloroisopropyl) ether	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
	Bis(2-ethylhexyl)phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
	Butyl benzyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
	Chrysene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
	Dibenzo(a,h)anthracene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
	Diethyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
	Dimethyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-14-E
 Job Sample ID: 1711131.16
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 11:09

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds		Batch ID: Qb17121803		Prep Info: PB17121803		SW846 3511		11/21/2017 15:49	
	Di-n-butyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
	Di-n-octyl Phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
	Fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
	Fluorene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
	Hexachlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
	Hexachlorobutadiene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
	Hexachlorocyclopentadiene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
	Hexachloroethane	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
	Indeno(1,2,3-cd)pyrene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
	Isophorone	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
	Naphthalene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
	Nitrobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
	n-Nitrosodimethylamine	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
	n-nitroso-di-n-propylamine	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
	n-Nitrosodiphenylamine	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
	Pentachlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 22:24	
	Phenanthrene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
	Phenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 22:24	
	Pyrene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 22:24	
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctadecane(surr)	88.5		%	1			70-130	11/30/2017 22:49	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-14-E
 Job Sample ID: 1711131.16
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 11:09

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctane(surr)	93.8		%	1			70-130	11/30/2017 22:49	EM
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID: Qb17120118		Prep Info: PB17120109		TCEQ 1005		11/27/2017 15:03	EM
	TPH, C6-C35	< 3.22	U	mg/L	1	10.0	3.22		11/30/2017 22:49	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-15-E
 Job Sample ID: 1711131.17
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 10:45

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
Calculation	Chromium, Dissolved Trivalent									
	Trivalent Chromium	< 1.50	U	ug/L	1	3.00	1.50		12/29/2017 13:35	MM
EPA 200.8	Metals, Dissolved									
	Antimony	< 1.00	U	ug/L	5	5.00	1.00		11/21/2017 19:47	CL
	Arsenic	58.2		ug/L	5	2.50	0.500		11/21/2017 19:47	CL
	Beryllium	< 0.050	U	ug/L	5	1.00	0.050		11/22/2017 19:17	CL
	Cadmium	< 0.250	U	ug/L	5	5.00	0.250		11/21/2017 19:47	CL
	Chromium	< 0.400	U	ug/L	5	15.0	0.400		11/21/2017 19:47	CL
	Copper	1.04	J	ug/L	5	5.00	1.00		11/21/2017 19:47	CL
	Lead	< 0.500	U	ug/L	5	2.50	0.500		11/21/2017 19:47	CL
	Nickel	2.75	J	ug/L	5	5.00	0.250		11/21/2017 19:47	CL
	Silver	< 0.150	U	ug/L	5	2.50	0.150		11/21/2017 19:47	CL
	Thallium	< 0.150	U	ug/L	5	2.50	0.150		11/21/2017 19:47	CL
	Zinc	1.69	J	ug/L	5	10.0	1.00		11/21/2017 19:47	CL
EPA 200.8	Metals, Total by ICP-MS									
	Selenium	5.15	J	ug/L	5	10.0	1.66		11/21/2017 19:47	CL
EPA 245.1	Metals, Total									
	Mercury	< 0.150	U	ug/L	1	0.200	0.150		11/17/2017 23:00	SH
EPA 350.1	Suite II									
	Ammonia as N	11.6		mg/L	1	0.100	0.020		12/04/2017 17:07	ARC
EPA 415.1	Total Organic Carbon									

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-15-E
Job Sample ID: 1711131.17
Other Information: Grab - Elutriate

Sample Matrix: Water
Date Collected: 11/07/2017
Time Collected: 10:45

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
EPA 415.1	Total Organic Carbon									
			Batch ID: Qb17121911		Prep Info:					
	Total Organic Carbon	0.000495		%	1	0.0001	0.00005		11/17/2017 18:21	ARC
SM 3500-Cr B	Chromium, Dissolved Hexavalent									
			Batch ID: Qb17121908		Prep Info:					
	Chromium, Hexavalent	< 1.50	U	ug/L	1	3.00	1.50		11/15/2017 14:50	ARC
SM 4500-CN C, E	Cyanide									
			Batch ID: Qb17121922		Prep Info: PB17121906		SM 4500-CN C		11/20/2017 16:15	ARC
	Cyanide, Total	< 0.005	U	mg/L	1	0.010	0.005		11/20/2017 19:25	ARC
SW846 8081B	Organochlorine Pesticides									
			Batch ID:		Prep Info:					
	2,4,5,6 Tetrachloro-m-xylene(surr)	86.8		%	1			60-140	11/30/2017 23:23	
	Decachlorobiphenyl(surr)	63.1		%	1			60-140	11/30/2017 23:23	
SW846 8081B	Organochlorine Pesticides									
			Batch ID: Qb17112113		Prep Info: PB17112112		SW846 3511		11/16/2017 19:20	
	4,4-DDD	< 0.003	U	ug/L	1	0.012	0.003		11/30/2017 23:23	
	4,4-DDE	< 0.003	U	ug/L	1	0.012	0.003		11/30/2017 23:23	
	4,4-DDT	< 0.003	U	ug/L	1	0.012	0.003		11/30/2017 23:23	
	a-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/30/2017 23:23	
	a-Chlordane	< 0.003	U	ug/L	1	0.006	0.003		11/30/2017 23:23	
	Aldrin	< 0.003	U	ug/L	1	0.006	0.003		11/30/2017 23:23	
	b-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/30/2017 23:23	
	Chlordane	< 0.003	U	ug/L	1	0.006	0.003		11/30/2017 23:23	
	d-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/30/2017 23:23	
	Dieldrin	< 0.003	U	ug/L	1	0.006	0.003		11/30/2017 23:23	
	Endosulfan I	< 0.003	U	ug/L	1	0.006	0.003		11/30/2017 23:23	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-15-E
Job Sample ID: 1711131.17
Other Information: Grab - Elutriate

Sample Matrix: Water
Date Collected: 11/07/2017
Time Collected: 10:45

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8081B	Organochlorine Pesticides									
			Batch ID:	Qb17112113	Prep Info:	PB17112112	SW846 3511		11/16/2017 19:20	
	Endosulfan II	< 0.003	U	ug/L	1	0.006	0.003		11/30/2017 23:23	
	Endosulfan sulfate	< 0.003	U	ug/L	1	0.006	0.003		11/30/2017 23:23	
	Endrin	< 0.003	U	ug/L	1	0.006	0.003		11/30/2017 23:23	
	Endrin aldehyde	< 0.003	U	ug/L	1	0.006	0.003		11/30/2017 23:23	
	Endrin ketone	< 0.003	U	ug/L	1	0.006	0.003		11/30/2017 23:23	
	g-BHC	< 0.003	U	ug/L	1	0.006	0.003		11/30/2017 23:23	
	Heptachlor	< 0.003	U	ug/L	1	0.006	0.003		11/30/2017 23:23	
	Heptachlor epoxide	< 0.003	U	ug/L	1	0.006	0.003		11/30/2017 23:23	
	Toxaphene	< 0.150	U	ug/L	1	0.300	0.150		11/30/2017 23:23	
	γ-Chlordane	< 0.003	U	ug/L	1	0.006	0.003		11/30/2017 23:23	
SW846 8082A	Polychlorinated Biphenyls									
			Batch ID:		Prep Info:					
	2,4,5,6 Tetrachloro-m-xylene(surr)	77.7		%	1			60-140	11/23/2017 15:00	
	Decachlorobiphenyl(surr)	42.8	S	%	1			60-140	11/23/2017 15:00	
SW846 8082A	Polychlorinated Biphenyls									
			Batch ID:	Qb17112112	Prep Info:	PB17112111	SW846 3511		11/15/2017 20:10	
	Total PCBs	< 0.006	U	ug/L	1	0.012	0.006		11/23/2017 15:00	
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:		Prep Info:					
	2,4,6-Tribromophenol(surr)	105		%	1			60-140	12/06/2017 23:01	
	2-Fluorobiphenyl(surr)	81.9		%	1			60-140	12/06/2017 23:01	
	2-Fluorophenol(surr)	75.3		%	1			60-140	12/06/2017 23:01	
	Nitrobenzene-d5(surr)	109		%	1			60-140	12/06/2017 23:01	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-15-E
 Job Sample ID: 1711131.17
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 10:45

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds		Batch ID:		Prep Info:					
	Phenol-d5(surr)	119		%	1			60-140	12/06/2017 23:01	
	Terphenyl-d14(surr)	82.1		%	1			60-140	12/06/2017 23:01	
SW846 8270D	Semivolatile Organic Compounds		Batch ID: Qb17121803		Prep Info: PB17121803		SW846 3511		11/21/2017 15:49	
	1,2,4-Trichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	
	1,2-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	
	1,2-Diphenylhydrazine as Azobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	
	1,3-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	
	1,4-Dichlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	
	2,4,6-Trichlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 23:01	
	2,4-Dichlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 23:01	
	2,4-Dimethylphenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 23:01	
	2,4-Dinitrophenol	< 9.00	U	ug/L	1	18.0	9.00		12/06/2017 23:01	
	2,4-Dinitrotoluene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	
	2,6-Dinitrotoluene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	
	2-Chloronaphthalene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	
	2-Chlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 23:01	
	2-Nitrophenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 23:01	
	3,3-Dichlorobenzidine	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	
	4,6-Dinitro-2-methylphenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 23:01	
	4-Bromophenyl phenyl ether	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	
	4-Chloro-3-methylphenol	< 0.56	U	ug/L	1	4.50	0.56		12/06/2017 23:01	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-15-E
Job Sample ID: 1711131.17
Other Information: Grab - Elutriate

Sample Matrix: Water
Date Collected: 11/07/2017
Time Collected: 10:45

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID: Qb17121803			Prep Info: PB17121803		SW846 3511	11/21/2017 15:49	
	4-Chlorophenyl phenyl ether	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	
	4-Nitrophenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 23:01	
	Acenaphthene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	
	Acenaphthylene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	
	Anthracene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	
	Benzidine	< 0.142	U	ug/L	1	0.430	0.142		12/06/2017 23:01	
	Benzo(a)anthracene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	
	Benzo(a)pyrene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	
	benzo(b&k)fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	
	Benzo(b)fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	
	Benzo(g,h,i)perylene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	
	Benzo(k)fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	
	Bis(2-chloroethoxy) methane	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	
	Bis(2-chloroethyl) ether	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	
	Bis(2-chloroisopropyl) ether	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	
	Bis(2-ethylhexyl)phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	
	Butyl benzyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	
	Chrysene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	
	Dibenzo(a,h)anthracene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	
	Diethyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	
	Dimethyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-15-E
Job Sample ID: 1711131.17
Other Information: Grab - Elutriate

Sample Matrix: Water
Date Collected: 11/07/2017
Time Collected: 10:45

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds		Batch ID: Qb17121803		Prep Info: PB17121803		SW846 3511		11/21/2017 15:49	
	Di-n-butyl phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	
	Di-n-octyl Phthalate	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	
	Fluoranthene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	
	Fluorene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	
	Hexachlorobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	
	Hexachlorobutadiene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	
	Hexachlorocyclopentadiene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	
	Hexachloroethane	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	
	Indeno(1,2,3-cd)pyrene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	
	Isophorone	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	
	Naphthalene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	
	Nitrobenzene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	
	n-Nitrosodimethylamine	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	
	n-nitroso-di-n-propylamine	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	
	n-Nitrosodiphenylamine	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	
	Pentachlorophenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 23:01	
	Phenanthrene	< 0.281	U	ug/L	1	0.562	0.281		12/06/2017 23:01	
	Phenol	< 0.56	U	ug/L	1	1.12	0.56		12/06/2017 23:01	
	Pyrene	< 0.281	U	ug/L	1	0.562	0.281		12/18/2017 11:39	
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctadecane(surr)	105		%	1			70-130	11/30/2017 23:15	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-15-E
 Job Sample ID: 1711131.17
 Other Information: Grab - Elutriate

Sample Matrix: Water
 Date Collected: 11/07/2017
 Time Collected: 10:45

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctane(surr)	106		%	1			70-130	11/30/2017 23:15	EM
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID: Qb17120118		Prep Info: PB17120109		TCEQ 1005		11/27/2017 15:03	EM
	TPH, C6-C35	< 3.22	U	mg/L	1	10.0	3.22		11/30/2017 23:15	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-02-S
Job Sample ID: 1711131.19
Other Information: Grab - Sediment

Sample Matrix: Sediment
Date Collected: 11/08/2017
Time Collected: 09:40

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
Calculation	Chromium, Trivalent									
	Trivalent Chromium	9.58		mg/kg dw	1	2.77	1.38		12/29/2017 13:36	MM
EPA 200.8	Metals, Total									
	Antimony	< 0.139	U	mg/kg dw	1	0.277	0.139		11/20/2017 15:51	CL
	Arsenic	3.46		mg/kg dw	1	0.139	0.014		11/20/2017 15:51	CL
	Beryllium	0.543		mg/kg dw	1	0.055	0.003		11/20/2017 15:51	CL
	Cadmium	0.097	J	mg/kg dw	1	0.277	0.014		11/20/2017 15:51	CL
	Chromium	9.58		mg/kg dw	1	0.831	0.042		11/20/2017 15:51	CL
	Copper	5.35		mg/kg dw	1	0.554	0.055		11/20/2017 15:51	CL
	Lead	9.09		mg/kg dw	1	0.139	0.014		11/20/2017 15:51	CL
	Nickel	7.89		mg/kg dw	1	0.554	0.028		11/20/2017 15:51	CL
	Selenium	1.31		mg/kg dw	1	0.554	0.277		11/20/2017 15:51	CL
	Silver	0.0332	J	mg/kg dw	1	0.139	0.0069		11/20/2017 15:51	CL
	Thallium	0.111	J	mg/kg dw	1	0.139	0.0069		11/20/2017 15:51	CL
	Zinc	26.5		mg/kg dw	1	0.554	0.277		11/20/2017 15:51	CL
EPA 350.2	Suite III									
	Ammonia as N	100	J	mg/kg dw	1	277	55.4		11/14/2017 10:19	ARC
SM 2540 G	Percent Moisture									
	% Moisture	63.9		%	1	1.00	0.010		12/29/2017 13:35	MM
SM 2540 G	Solids, Total									
	% Solids	36.1		%	1	1.00	0.010		11/10/2017 13:00	ARC

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-02-S
Job Sample ID: 1711131.19
Other Information: Grab - Sediment

Sample Matrix: Sediment
Date Collected: 11/08/2017
Time Collected: 09:40

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 7196A	Metals, Total									
	Chromium, Hexavalent	< 1.38	U	mg/kg dw	1	2.77	1.38		11/27/2017 19:14	ARC
SW846 7471B	Metals, Total									
	Mercury	< 0.028	U	mg/kg dw	1	0.055	0.028		11/20/2017 19:05	SH
SW846 8081B	Organochlorine Pesticides									
	2,4,5,6 Tetrachloro-m-xylene(surr)	62.5		%	1			60-140	11/30/2017 04:23	
	Decachlorobiphenyl(surr)	75.5		%	1			60-140	11/30/2017 04:23	
SW846 8081B	Organochlorine Pesticides									
	4,4-DDD	< 0.416	U	ug/kg dw	1	0.831	0.416		11/30/2017 04:23	
	4,4-DDE	< 0.416	U	ug/kg dw	1	0.831	0.416		11/30/2017 04:23	
	4,4-DDT	< 0.416	U	ug/kg dw	1	0.831	0.416		11/30/2017 04:23	
	a-BHC	< 0.416	U	ug/kg dw	1	0.831	0.416		11/30/2017 04:23	
	a-Chlordane	< 0.416	U	ug/kg dw	1	0.831	0.416		11/30/2017 04:23	
	Aldrin	< 0.416	U	ug/kg dw	1	0.831	0.416		11/30/2017 04:23	
	b-BHC	< 0.416	U	ug/kg dw	1	0.831	0.416		11/30/2017 04:23	
	Chlordane	< 0.416	U	ug/kg dw	1	0.831	0.416		11/30/2017 04:23	
	d-BHC	< 0.416	U	ug/kg dw	1	0.831	0.416		11/30/2017 04:23	
	Dieldrin	< 0.416	U	ug/kg dw	1	0.831	0.416		11/30/2017 04:23	
	Endosulfan I	< 0.416	U	ug/kg dw	1	0.831	0.416		11/30/2017 04:23	
	Endosulfan II	< 0.416	U	ug/kg dw	1	0.831	0.416		11/30/2017 04:23	
	Endosulfan sulfate	< 0.416	U	ug/kg dw	1	0.831	0.416		11/30/2017 04:23	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-02-S
Job Sample ID: 1711131.19
Other Information: Grab - Sediment

Sample Matrix: Sediment
Date Collected: 11/08/2017
Time Collected: 09:40

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8081B	Organochlorine Pesticides									
			Batch ID:	Qb17120103	Prep Info:	PB17120102	SW846 3570		11/21/2017 13:01	
	Endrin	< 0.416	U	ug/kg dw	1	0.831	0.416		11/30/2017 04:23	
	Endrin aldehyde	< 0.416	U	ug/kg dw	1	0.831	0.416		11/30/2017 04:23	
	Endrin ketone	< 0.416	U	ug/kg dw	1	0.831	0.416		11/30/2017 04:23	
	g-BHC	< 0.416	U	ug/kg dw	1	0.831	0.416		11/30/2017 04:23	
	Heptachlor	< 0.416	U	ug/kg dw	1	0.831	0.416		11/30/2017 04:23	
	Heptachlor epoxide	< 0.416	U	ug/kg dw	1	0.831	0.416		11/30/2017 04:23	
	Toxaphene	< 0.416	U	ug/kg dw	1	0.831	0.416		11/30/2017 04:23	
	γ-Chlordane	< 0.416	U	ug/kg dw	1	0.831	0.416		11/30/2017 04:23	
SW846 8082A	Polychlorinated Biphenyls		Batch ID:		Prep Info:					
	2,4,5,6 Tetrachloro-m-xylene(surr)	70.5		%	1			60-140	12/01/2017 02:58	
	Decachlorobiphenyl(surr)	75.2		%	1			60-140	12/01/2017 02:58	
SW846 8082A	Polychlorinated Biphenyls		Batch ID:	Qb17112116	Prep Info:	PB17112113	SW846 3570		11/20/2017 12:56	
	Total PCBs	< 2.77	U	ug/kg dw	1	5.54	2.77		12/01/2017 02:58	
SW846 8270D	Semivolatile Organic Compounds		Batch ID:		Prep Info:					
	2,4,6-Tribromophenol(surr)	92.5		%	1			60-140	11/30/2017 22:49	
	2-Fluorobiphenyl(surr)	37.5	S	%	1			60-140	11/30/2017 22:49	
	2-Fluorophenol(surr)	46.3	S	%	1			60-140	11/30/2017 22:49	
	Nitrobenzene-d5(surr)	53.4	S	%	1			60-140	11/30/2017 22:49	
	Phenol-d5(surr)	56.4	S	%	1			60-140	11/30/2017 22:49	
	Terphenyl-d14(surr)	18.3	S	%	1			60-140	11/30/2017 22:49	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-02-S
 Job Sample ID: 1711131.19
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/08/2017
 Time Collected: 09:40

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121914	Prep Info:	PB17121905	SW846 3570		11/21/2017 11:12	EM
	1,2,4-Trichlorobenzene	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	
	1,2-Dichlorobenzene	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	
	1,2-Diphenylhydrazine as Azobenzene	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	
	1,3-Dichlorobenzene	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	
	1,4-Dichlorobenzene	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	
	2,4,6-Trichlorophenol	< 6.93	U	ug/kg dw	1	13.8	6.93		11/30/2017 22:49	
	2,4-Dichlorophenol	< 6.93	U	ug/kg dw	1	13.8	6.93		11/30/2017 22:49	
	2,4-Dimethylphenol	< 6.93	U	ug/kg dw	1	13.8	6.93		11/30/2017 22:49	
	2,4-Dinitrophenol	< 111	U	ug/kg dw	1	222	111		11/30/2017 22:49	
	2,4-Dinitrotoluene	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	
	2,6-Dinitrotoluene	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	
	2-Chloronaphthalene	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	
	2-Chlorophenol	< 6.93	U	ug/kg dw	1	13.8	6.93		11/30/2017 22:49	
	2-Nitrophenol	< 6.93	U	ug/kg dw	1	13.8	6.93		11/30/2017 22:49	
	3,3-Dichlorobenzidine	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	
	4,6-Dinitro-2-methylphenol	< 27.7	U	ug/kg dw	1	55.4	27.7		11/30/2017 22:49	
	4-Bromophenyl phenyl ether	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	
	4-Chloro-3-methylphenol	< 6.93	U	ug/kg dw	1	13.8	6.93		11/30/2017 22:49	
	4-Chlorophenyl phenyl ether	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	
	4-Nitrophenol	< 6.93	U	ug/kg dw	1	13.8	6.93		11/30/2017 22:49	
	Acenaphthene	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-02-S
 Job Sample ID: 1711131.19
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/08/2017
 Time Collected: 09:40

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121914	Prep Info:	PB17121905	SW846 3570		11/21/2017 11:12	EM
	Acenaphthylene	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	
	Anthracene	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	
	Benzidine	< 1.64	U	ug/kg dw	1	13.8	1.64		11/30/2017 22:49	
	Benzo(a)anthracene	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	
	Benzo(a)pyrene	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	
	benzo(b&k)fluoranthene	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	
	Benzo(b)fluoranthene	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	
	Benzo(g,h,i)perylene	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	
	Benzo(k)fluoranthene	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	
	Bis(2-chloroethoxy) methane	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	
	Bis(2-chloroethyl) ether	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	
	Bis(2-chloroisopropyl) ether	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	
	Bis(2-ethylhexyl)phthalate	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	
	Butyl benzyl phthalate	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	
	Chrysene	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	
	Dibenzo(a,h)anthracene	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	
	Diethyl phthalate	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	
	Dimethyl phthalate	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	
	Di-n-butyl phthalate	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	
	Di-n-octyl Phthalate	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	
	Fluoranthene	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-02-S
Job Sample ID: 1711131.19
Other Information: Grab - Sediment

Sample Matrix: Sediment
Date Collected: 11/08/2017
Time Collected: 09:40

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121914	Prep Info:	PB17121905	SW846 3570		11/21/2017 11:12	EM
	Fluorene	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	
	Hexachlorobenzene	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	
	Hexachlorobutadiene	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	
	Hexachlorocyclopentadiene	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	
	Hexachloroethane	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	
	Indeno(1,2,3-cd)pyrene	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	
	Isophorone	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	
	Naphthalene	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	
	Nitrobenzene	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	
	n-Nitrosodimethylamine	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	
	n-nitroso-di-n-propylamine	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	
	n-Nitrosodiphenylamine	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	
	Pentachlorophenol	< 6.93	U	ug/kg dw	1	13.8	6.93		11/30/2017 22:49	
	Phenanthrene	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	
	Phenol	< 6.93	U	ug/kg dw	1	13.8	6.93		11/30/2017 22:49	
	Pyrene	< 3.46	U	ug/kg dw	1	6.93	3.46		11/30/2017 22:49	
SW846 9014	Suite III									
			Batch ID:	Qb17121924	Prep Info:	PB17121909	SW846 9010C		11/15/2017 19:11	ARC
	Cyanide, Total	< 0.69	U	mg/kg dw	1	1.38	0.69		11/15/2017 21:40	ARC
SW846 9060A	Suite III									
			Batch ID:	Qb17121923	Prep Info:					
	Total Organic Carbon	2.36		%	1	0.140	0.069		11/21/2017 19:18	ARC

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-02-S
 Job Sample ID: 1711131.19
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/08/2017
 Time Collected: 09:40

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctadecane(surr)	79.0		%	1			75-125	11/22/2017 16:34	EM
	1-Chlorooctane(surr)	81.4		%	1			75-125	11/22/2017 16:34	EM
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID: Qb17120119		Prep Info: PB17120110		TCEQ 1005		11/18/2017 17:30	EM
	TPH, C6-C35	< 27.7	U	mg/kg dw	1	138	27.7		11/22/2017 16:34	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-03-S
 Job Sample ID: 1711131.20
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/08/2017
 Time Collected: 09:55

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
Calculation	Chromium, Trivalent									
	Trivalent Chromium	8.80		mg/kg dw	1	2.92	1.46		12/29/2017 13:36	MM
EPA 200.8	Metals, Total									
	Antimony	< 0.146	U	mg/kg dw	1	0.292	0.146		11/20/2017 16:12	CL
	Arsenic	3.33		mg/kg dw	1	0.146	0.015		11/20/2017 16:12	CL
	Beryllium	0.465		mg/kg dw	1	0.058	0.003		11/20/2017 16:12	CL
	Cadmium	0.0877	J	mg/kg dw	1	0.292	0.015		11/20/2017 16:12	CL
	Chromium	8.80		mg/kg dw	1	0.877	0.044		11/20/2017 16:12	CL
	Copper	4.82		mg/kg dw	1	0.585	0.058		11/20/2017 16:12	CL
	Lead	8.19		mg/kg dw	1	0.146	0.015		11/20/2017 16:12	CL
	Nickel	6.90		mg/kg dw	1	0.585	0.029		11/20/2017 16:12	CL
	Selenium	1.31		mg/kg dw	1	0.585	0.292		11/20/2017 16:12	CL
	Silver	0.0322	J	mg/kg dw	1	0.146	0.0073		11/20/2017 16:12	CL
	Thallium	0.114	J	mg/kg dw	1	0.146	0.0073		11/20/2017 16:12	CL
	Zinc	23.8		mg/kg dw	1	0.585	0.292		11/20/2017 16:12	CL
EPA 350.2	Suite III									
	Ammonia as N	82.0	J	mg/kg dw	1	292	58.5		11/14/2017 10:19	ARC
SM 2540 G	Percent Moisture									
	% Moisture	65.8		%	1	1.00	0.010		12/29/2017 13:35	MM
SM 2540 G	Solids, Total									
	% Solids	34.2		%	1	1.00	0.010		11/10/2017 13:00	ARC

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-03-S
 Job Sample ID: 1711131.20
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/08/2017
 Time Collected: 09:55

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 7196A	Metals, Total									
	Chromium, Hexavalent	< 1.46	U	mg/kg dw	1	2.92	1.46		11/27/2017 19:14	ARC
SW846 7471B	Metals, Total									
	Mercury	< 0.029	U	mg/kg dw	1	0.058	0.029		11/20/2017 19:16	SH
SW846 8081B	Organochlorine Pesticides									
	2,4,5,6 Tetrachloro-m-xylene(surr)	56.2	S	%	1			60-140	11/30/2017 04:47	
	Decachlorobiphenyl(surr)	67.7		%	1			60-140	11/30/2017 04:47	
SW846 8081B	Organochlorine Pesticides									
	4,4-DDD	< 0.439	U	ug/kg dw	1	0.877	0.439		11/30/2017 04:47	
	4,4-DDE	< 0.439	U	ug/kg dw	1	0.877	0.439		11/30/2017 04:47	
	4,4-DDT	< 0.439	U	ug/kg dw	1	0.877	0.439		11/30/2017 04:47	
	a-BHC	< 0.439	U	ug/kg dw	1	0.877	0.439		11/30/2017 04:47	
	a-Chlordane	< 0.439	U	ug/kg dw	1	0.877	0.439		11/30/2017 04:47	
	Aldrin	< 0.439	U	ug/kg dw	1	0.877	0.439		11/30/2017 04:47	
	b-BHC	< 0.439	U	ug/kg dw	1	0.877	0.439		11/30/2017 04:47	
	Chlordane	< 0.439	U	ug/kg dw	1	0.877	0.439		11/30/2017 04:47	
	d-BHC	< 0.439	U	ug/kg dw	1	0.877	0.439		11/30/2017 04:47	
	Dieldrin	< 0.439	U	ug/kg dw	1	0.877	0.439		11/30/2017 04:47	
	Endosulfan I	< 0.439	U	ug/kg dw	1	0.877	0.439		11/30/2017 04:47	
	Endosulfan II	< 0.439	U	ug/kg dw	1	0.877	0.439		11/30/2017 04:47	
	Endosulfan sulfate	< 0.439	U	ug/kg dw	1	0.877	0.439		11/30/2017 04:47	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-03-S
Job Sample ID: 1711131.20
Other Information: Grab - Sediment

Sample Matrix: Sediment
Date Collected: 11/08/2017
Time Collected: 09:55

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8081B	Organochlorine Pesticides									
			Batch ID:	Qb17120103	Prep Info:	PB17120102	SW846 3570		11/21/2017 13:01	
	Endrin	< 0.439	U	ug/kg dw	1	0.877	0.439		11/30/2017 04:47	
	Endrin aldehyde	< 0.439	U	ug/kg dw	1	0.877	0.439		11/30/2017 04:47	
	Endrin ketone	< 0.439	U	ug/kg dw	1	0.877	0.439		11/30/2017 04:47	
	g-BHC	< 0.439	U	ug/kg dw	1	0.877	0.439		11/30/2017 04:47	
	Heptachlor	< 0.439	U	ug/kg dw	1	0.877	0.439		11/30/2017 04:47	
	Heptachlor epoxide	< 0.439	U	ug/kg dw	1	0.877	0.439		11/30/2017 04:47	
	Toxaphene	< 0.439	U	ug/kg dw	1	0.877	0.439		11/30/2017 04:47	
	γ-Chlordane	< 0.439	U	ug/kg dw	1	0.877	0.439		11/30/2017 04:47	
SW846 8082A	Polychlorinated Biphenyls		Batch ID:		Prep Info:					
	2,4,5,6 Tetrachloro-m-xylene(surr)	66.5		%	1			60-140	12/01/2017 03:22	
	Decachlorobiphenyl(surr)	62.5		%	1			60-140	12/01/2017 03:22	
SW846 8082A	Polychlorinated Biphenyls		Batch ID:	Qb17112116	Prep Info:	PB17112113	SW846 3570		11/20/2017 12:56	
	Total PCBs	< 2.92	U	ug/kg dw	1	5.85	2.92		12/01/2017 03:22	
SW846 8270D	Semivolatile Organic Compounds		Batch ID:		Prep Info:					
	2,4,6-Tribromophenol(surr)	95.7		%	1			60-140	11/30/2017 23:25	
	2-Fluorobiphenyl(surr)	44.6	S	%	1			60-140	11/30/2017 23:25	
	2-Fluorophenol(surr)	58.1	S	%	1			60-140	11/30/2017 23:25	
	Nitrobenzene-d5(surr)	54.3	S	%	1			60-140	11/30/2017 23:25	
	Phenol-d5(surr)	66.1		%	1			60-140	11/30/2017 23:25	
	Terphenyl-d14(surr)	17.8	S	%	1			60-140	11/30/2017 23:25	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-03-S
 Job Sample ID: 1711131.20
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/08/2017
 Time Collected: 09:55

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121914	Prep Info:	PB17121905	SW846 3570		11/21/2017 11:12	EM
	1,2,4-Trichlorobenzene	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	
	1,2-Dichlorobenzene	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	
	1,2-Diphenylhydrazine as Azobenzene	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	
	1,3-Dichlorobenzene	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	
	1,4-Dichlorobenzene	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	
	2,4,6-Trichlorophenol	< 7.31	U	ug/kg dw	1	14.6	7.31		11/30/2017 23:25	
	2,4-Dichlorophenol	< 7.31	U	ug/kg dw	1	14.6	7.31		11/30/2017 23:25	
	2,4-Dimethylphenol	< 7.31	U	ug/kg dw	1	14.6	7.31		11/30/2017 23:25	
	2,4-Dinitrophenol	< 117	U	ug/kg dw	1	234	117		11/30/2017 23:25	
	2,4-Dinitrotoluene	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	
	2,6-Dinitrotoluene	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	
	2-Chloronaphthalene	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	
	2-Chlorophenol	< 7.31	U	ug/kg dw	1	14.6	7.31		11/30/2017 23:25	
	2-Nitrophenol	< 7.31	U	ug/kg dw	1	14.6	7.31		11/30/2017 23:25	
	3,3-Dichlorobenzidine	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	
	4,6-Dinitro-2-methylphenol	< 29.2	U	ug/kg dw	1	58.5	29.2		11/30/2017 23:25	
	4-Bromophenyl phenyl ether	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	
	4-Chloro-3-methylphenol	< 7.31	U	ug/kg dw	1	14.6	7.31		11/30/2017 23:25	
	4-Chlorophenyl phenyl ether	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	
	4-Nitrophenol	< 7.31	U	ug/kg dw	1	14.6	7.31		11/30/2017 23:25	
	Acenaphthene	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-03-S
 Job Sample ID: 1711131.20
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/08/2017
 Time Collected: 09:55

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121914	Prep Info:	PB17121905	SW846 3570		11/21/2017 11:12	EM
	Acenaphthylene	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	
	Anthracene	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	
	Benzidine	< 1.74	U	ug/kg dw	1	14.6	1.74		11/30/2017 23:25	
	Benzo(a)anthracene	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	
	Benzo(a)pyrene	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	
	benzo(b&k)fluoranthene	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	
	Benzo(b)fluoranthene	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	
	Benzo(g,h,i)perylene	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	
	Benzo(k)fluoranthene	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	
	Bis(2-chloroethoxy) methane	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	
	Bis(2-chloroethyl) ether	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	
	Bis(2-chloroisopropyl) ether	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	
	Bis(2-ethylhexyl)phthalate	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	
	Butyl benzyl phthalate	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	
	Chrysene	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	
	Dibenzo(a,h)anthracene	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	
	Diethyl phthalate	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	
	Dimethyl phthalate	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	
	Di-n-butyl phthalate	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	
	Di-n-octyl Phthalate	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	
	Fluoranthene	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-03-S
 Job Sample ID: 1711131.20
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/08/2017
 Time Collected: 09:55

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID: Qb17121914	Prep Info: PB17121905			SW846 3570		11/21/2017 11:12	EM
	Fluorene	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	
	Hexachlorobenzene	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	
	Hexachlorobutadiene	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	
	Hexachlorocyclopentadiene	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	
	Hexachloroethane	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	
	Indeno(1,2,3-cd)pyrene	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	
	Isophorone	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	
	Naphthalene	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	
	Nitrobenzene	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	
	n-Nitrosodimethylamine	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	
	n-nitroso-di-n-propylamine	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	
	n-Nitrosodiphenylamine	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	
	Pentachlorophenol	< 7.31	U	ug/kg dw	1	14.6	7.31		11/30/2017 23:25	
	Phenanthrene	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	
	Phenol	< 7.31	U	ug/kg dw	1	14.6	7.31		11/30/2017 23:25	
	Pyrene	< 3.65	U	ug/kg dw	1	7.31	3.65		11/30/2017 23:25	
SW846 9014	Suite III									
			Batch ID: Qb17121924	Prep Info: PB17121909			SW846 9010C		11/15/2017 19:11	ARC
	Cyanide, Total	< 0.73	U	mg/kg dw	1	1.46	0.73		11/15/2017 21:40	ARC
SW846 9060A	Suite III									
			Batch ID: Qb17121923	Prep Info:						
	Total Organic Carbon	2.54		%	1	0.150	0.073		11/21/2017 19:18	ARC

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-03-S
 Job Sample ID: 1711131.20
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/08/2017
 Time Collected: 09:55

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctadecane(surr)	80.4		%	1			75-125	11/22/2017 16:59	EM
	1-Chlorooctane(surr)	87.3		%	1			75-125	11/22/2017 16:59	EM
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID: Qb17120119		Prep Info: PB17120110		TCEQ 1005		11/18/2017 17:30	EM
	TPH, C6-C35	< 29.2	U	mg/kg dw	1	146	29.2		11/22/2017 16:59	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-04-S
 Job Sample ID: 1711131.21
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 16:30

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
Calculation	Chromium, Trivalent									
	Trivalent Chromium	8.62		mg/kg dw	1	2.39	1.19		12/29/2017 13:36	MM
EPA 200.8	Metals, Total							EPA 200.2	11/20/2017 11:16	CL
	Antimony	< 0.119	U	mg/kg dw	1	0.239	0.119		11/20/2017 16:17	CL
	Arsenic	3.08		mg/kg dw	1	0.119	0.012		11/20/2017 16:17	CL
	Beryllium	0.489		mg/kg dw	1	0.048	0.002		11/20/2017 16:17	CL
	Cadmium	0.0859	J	mg/kg dw	1	0.239	0.012		11/20/2017 16:17	CL
	Chromium	8.62		mg/kg dw	1	0.716	0.036		11/20/2017 16:17	CL
	Copper	5.11		mg/kg dw	1	0.477	0.048		11/20/2017 16:17	CL
	Lead	10.2		mg/kg dw	5	0.597	0.060		11/20/2017 16:22	CL
	Nickel	6.92		mg/kg dw	1	0.477	0.024		11/20/2017 16:17	CL
	Selenium	1.30		mg/kg dw	1	0.477	0.239		11/20/2017 16:17	CL
	Silver	0.031	J	mg/kg dw	1	0.119	0.006		11/20/2017 16:17	CL
	Thallium	0.0955	J	mg/kg dw	1	0.119	0.006		11/20/2017 16:17	CL
	Zinc	23.9		mg/kg dw	1	0.477	0.239		11/20/2017 16:17	CL
EPA 350.2	Suite III									
	Ammonia as N	93.0	J	mg/kg dw	1	239	47.7		11/14/2017 10:19	ARC
SM 2540 G	Percent Moisture									
	% Moisture	58.1		%	1	1.00	0.010		12/29/2017 13:35	MM
SM 2540 G	Solids, Total									
	% Solids	41.9		%	1	1.00	0.010		11/10/2017 13:00	ARC

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-04-S
Job Sample ID: 1711131.21
Other Information: Grab - Sediment

Sample Matrix: Sediment
Date Collected: 11/07/2017
Time Collected: 16:30

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 7196A	Metals, Total									
	Chromium, Hexavalent	< 1.19	U	mg/kg dw	1	2.39	1.19		11/27/2017 19:14	ARC
SW846 7471B	Metals, Total									
	Mercury	< 0.024	U	mg/kg dw	1	0.048	0.024		11/20/2017 19:19	SH
SW846 8081B	Organochlorine Pesticides									
	2,4,5,6 Tetrachloro-m-xylene(surr)	55.7	S	%	1			60-140	11/30/2017 05:10	
	Decachlorobiphenyl(surr)	68.0		%	1			60-140	11/30/2017 05:10	
SW846 8081B	Organochlorine Pesticides									
	4,4-DDD	< 0.358	U	ug/kg dw	1	0.716	0.358		11/30/2017 05:10	
	4,4-DDE	< 0.358	U	ug/kg dw	1	0.716	0.358		11/30/2017 05:10	
	4,4-DDT	< 0.358	U	ug/kg dw	1	0.716	0.358		11/30/2017 05:10	
	a-BHC	< 0.358	U	ug/kg dw	1	0.716	0.358		11/30/2017 05:10	
	a-Chlordane	< 0.358	U	ug/kg dw	1	0.716	0.358		11/30/2017 05:10	
	Aldrin	< 0.358	U	ug/kg dw	1	0.716	0.358		11/30/2017 05:10	
	b-BHC	< 0.358	U	ug/kg dw	1	0.716	0.358		11/30/2017 05:10	
	Chlordane	< 0.358	U	ug/kg dw	1	0.716	0.358		11/30/2017 05:10	
	d-BHC	< 0.358	U	ug/kg dw	1	0.716	0.358		11/30/2017 05:10	
	Dieldrin	< 0.358	U	ug/kg dw	1	0.716	0.358		11/30/2017 05:10	
	Endosulfan I	< 0.358	U	ug/kg dw	1	0.716	0.358		11/30/2017 05:10	
	Endosulfan II	< 0.358	U	ug/kg dw	1	0.716	0.358		11/30/2017 05:10	
	Endosulfan sulfate	< 0.358	U	ug/kg dw	1	0.716	0.358		11/30/2017 05:10	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-04-S
 Job Sample ID: 1711131.21
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 16:30

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8081B	Organochlorine Pesticides									
			Batch ID:	Prep Info:						
			Qb17120103	PB17120102			SW846 3570		11/21/2017 13:01	
	Endrin	< 0.358	U	ug/kg dw	1	0.716	0.358		11/30/2017 05:10	
	Endrin aldehyde	< 0.358	U	ug/kg dw	1	0.716	0.358		11/30/2017 05:10	
	Endrin ketone	< 0.358	U	ug/kg dw	1	0.716	0.358		11/30/2017 05:10	
	g-BHC	< 0.358	U	ug/kg dw	1	0.716	0.358		11/30/2017 05:10	
	Heptachlor	< 0.358	U	ug/kg dw	1	0.716	0.358		11/30/2017 05:10	
	Heptachlor epoxide	< 0.358	U	ug/kg dw	1	0.716	0.358		11/30/2017 05:10	
	Toxaphene	< 0.358	U	ug/kg dw	1	0.716	0.358		11/30/2017 05:10	
	γ-Chlordane	< 0.358	U	ug/kg dw	1	0.716	0.358		11/30/2017 05:10	
SW846 8082A	Polychlorinated Biphenyls		Batch ID:	Prep Info:						
	2,4,5,6 Tetrachloro-m-xylene(surr)	86.3		%	1			60-140	12/01/2017 03:46	
	Decachlorobiphenyl(surr)	83.0		%	1			60-140	12/01/2017 03:46	
SW846 8082A	Polychlorinated Biphenyls		Batch ID:	Prep Info:						
	Total PCBs	< 2.39	U	ug/kg dw	1	4.77	2.39		12/01/2017 03:46	
SW846 8270D	Semivolatile Organic Compounds		Batch ID:	Prep Info:						
	2,4,6-Tribromophenol(surr)	92.5		%	1			60-140	12/01/2017 00:01	
	2-Fluorobiphenyl(surr)	34.2	S	%	1			60-140	12/01/2017 00:01	
	2-Fluorophenol(surr)	65.9		%	1			60-140	12/01/2017 00:01	
	Nitrobenzene-d5(surr)	57.8	S	%	1			60-140	12/01/2017 00:01	
	Phenol-d5(surr)	59.7	S	%	1			60-140	12/01/2017 00:01	
	Terphenyl-d14(surr)	22.8	S	%	1			60-140	12/01/2017 00:01	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-04-S
 Job Sample ID: 1711131.21
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 16:30

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID: Qb17121914			Prep Info: PB17121905		SW846 3570	11/21/2017 11:12	EM
	1,2,4-Trichlorobenzene	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	
	1,2-Dichlorobenzene	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	
	1,2-Diphenylhydrazine as Azobenzene	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	
	1,3-Dichlorobenzene	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	
	1,4-Dichlorobenzene	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	
	2,4,6-Trichlorophenol	< 5.97	U	ug/kg dw	1	11.9	5.97		12/01/2017 00:01	
	2,4-Dichlorophenol	< 5.97	U	ug/kg dw	1	11.9	5.97		12/01/2017 00:01	
	2,4-Dimethylphenol	< 5.97	U	ug/kg dw	1	11.9	5.97		12/01/2017 00:01	
	2,4-Dinitrophenol	< 95.5	U	ug/kg dw	1	191	95.5		12/01/2017 00:01	
	2,4-Dinitrotoluene	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	
	2,6-Dinitrotoluene	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	
	2-Chloronaphthalene	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	
	2-Chlorophenol	< 5.97	U	ug/kg dw	1	11.9	5.97		12/01/2017 00:01	
	2-Nitrophenol	< 5.97	U	ug/kg dw	1	11.9	5.97		12/01/2017 00:01	
	3,3-Dichlorobenzidine	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	
	4,6-Dinitro-2-methylphenol	< 23.9	U	ug/kg dw	1	47.7	23.9		12/01/2017 00:01	
	4-Bromophenyl phenyl ether	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	
	4-Chloro-3-methylphenol	< 5.97	U	ug/kg dw	1	11.9	5.97		12/01/2017 00:01	
	4-Chlorophenyl phenyl ether	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	
	4-Nitrophenol	< 5.97	U	ug/kg dw	1	11.9	5.97		12/01/2017 00:01	
	Acenaphthene	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-04-S
Job Sample ID: 1711131.21
Other Information: Grab - Sediment

Sample Matrix: Sediment
Date Collected: 11/07/2017
Time Collected: 16:30

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121914	Prep Info:	PB17121905	SW846 3570		11/21/2017 11:12	EM
	Acenaphthylene	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	
	Anthracene	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	
	Benzidine	< 1.42	U	ug/kg dw	1	11.9	1.42		12/01/2017 00:01	
	Benzo(a)anthracene	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	
	Benzo(a)pyrene	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	
	benzo(b&k)fluoranthene	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	
	Benzo(b)fluoranthene	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	
	Benzo(g,h,i)perylene	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	
	Benzo(k)fluoranthene	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	
	Bis(2-chloroethoxy) methane	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	
	Bis(2-chloroethyl) ether	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	
	Bis(2-chloroisopropyl) ether	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	
	Bis(2-ethylhexyl)phthalate	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	
	Butyl benzyl phthalate	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	
	Chrysene	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	
	Dibenzo(a,h)anthracene	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	
	Diethyl phthalate	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	
	Dimethyl phthalate	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	
	Di-n-butyl phthalate	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	
	Di-n-octyl Phthalate	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	
	Fluoranthene	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-04-S
Job Sample ID: 1711131.21
Other Information: Grab - Sediment

Sample Matrix: Sediment
Date Collected: 11/07/2017
Time Collected: 16:30

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121914	Prep Info:	PB17121905	SW846 3570		11/21/2017 11:12	EM
	Fluorene	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	
	Hexachlorobenzene	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	
	Hexachlorobutadiene	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	
	Hexachlorocyclopentadiene	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	
	Hexachloroethane	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	
	Indeno(1,2,3-cd)pyrene	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	
	Isophorone	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	
	Naphthalene	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	
	Nitrobenzene	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	
	n-Nitrosodimethylamine	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	
	n-nitroso-di-n-propylamine	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	
	n-Nitrosodiphenylamine	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	
	Pentachlorophenol	< 5.97	U	ug/kg dw	1	11.9	5.97		12/01/2017 00:01	
	Phenanthrene	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	
	Phenol	< 5.97	U	ug/kg dw	1	11.9	5.97		12/01/2017 00:01	
	Pyrene	< 2.98	U	ug/kg dw	1	5.97	2.98		12/01/2017 00:01	
SW846 9014	Suite III									
			Batch ID:	Qb17121924	Prep Info:	PB17121909	SW846 9010C		11/15/2017 19:11	ARC
	Cyanide, Total	< 0.60	U	mg/kg dw	1	1.19	0.60		11/15/2017 21:40	ARC
SW846 9060A	Suite III									
			Batch ID:	Qb17121923	Prep Info:					
	Total Organic Carbon	2.17		%	1	0.120	0.060		11/21/2017 19:18	ARC

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-04-S
 Job Sample ID: 1711131.21
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 16:30

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctadecane(surr)	73.9	S	%	1			75-125	11/22/2017 17:24	EM
	1-Chlorooctane(surr)	76.3		%	1			75-125	11/22/2017 17:24	EM
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID: Qb17120119		Prep Info: PB17120110		TCEQ 1005		11/18/2017 17:30	EM
	TPH, C6-C35	< 23.9	U	mg/kg dw	1	119	23.9		11/22/2017 17:24	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-05-S
 Job Sample ID: 1711131.22
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 16:14

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
Calculation	Chromium, Trivalent									
	Trivalent Chromium	14.4		mg/kg dw	1	3.95	1.98		12/29/2017 13:36	MM
EPA 200.8	Metals, Total									
	Antimony	< 0.198	U	mg/kg dw	1	0.395	0.198		11/20/2017 16:28	CL
	Arsenic	3.80		mg/kg dw	1	0.198	0.020		11/20/2017 16:28	CL
	Beryllium	0.755		mg/kg dw	1	0.079	0.004		11/20/2017 16:28	CL
	Cadmium	0.122	J	mg/kg dw	1	0.395	0.020		11/20/2017 16:28	CL
	Chromium	14.4		mg/kg dw	1	1.19	0.059		11/20/2017 16:28	CL
	Copper	7.51		mg/kg dw	1	0.791	0.079		11/20/2017 16:28	CL
	Lead	16.1		mg/kg dw	5	0.988	0.099		11/20/2017 16:33	CL
	Nickel	10.8		mg/kg dw	1	0.791	0.040		11/20/2017 16:28	CL
	Selenium	1.84		mg/kg dw	1	0.791	0.395		11/20/2017 16:28	CL
	Silver	0.0474	J	mg/kg dw	1	0.198	0.0099		11/20/2017 16:28	CL
	Thallium	0.162	J	mg/kg dw	5	0.988	0.0494		11/20/2017 16:33	CL
	Zinc	36.3		mg/kg dw	1	0.791	0.395		11/20/2017 16:28	CL
EPA 350.2	Suite III									
	Ammonia as N	142	J	mg/kg dw	1	395	79.1		11/14/2017 10:19	ARC
SM 2540 G	Percent Moisture									
	% Moisture	74.7		%	1	1.00	0.010		12/29/2017 13:35	MM
SM 2540 G	Solids, Total									
	% Solids	25.3		%	1	1.00	0.010		11/10/2017 13:00	ARC

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-05-S
 Job Sample ID: 1711131.22
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 16:14

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 7196A	Metals, Total									
	Chromium, Hexavalent	< 1.98	U	mg/kg dw	1	3.95	1.98		11/27/2017 19:14	ARC
SW846 7471B	Metals, Total									
	Mercury	< 0.040	U	mg/kg dw	1	0.079	0.040		11/20/2017 19:22	SH
SW846 8081B	Organochlorine Pesticides									
	2,4,5,6 Tetrachloro-m-xylene(surr)	49.3	S	%	1			60-140	11/30/2017 06:20	
	Decachlorobiphenyl(surr)	67.8		%	1			60-140	11/30/2017 06:20	
SW846 8081B	Organochlorine Pesticides									
	4,4-DDD	< 0.593	U	ug/kg dw	1	1.19	0.593		11/30/2017 06:20	
	4,4-DDE	< 0.593	U	ug/kg dw	1	1.19	0.593		11/30/2017 06:20	
	4,4-DDT	< 0.593	U	ug/kg dw	1	1.19	0.593		11/30/2017 06:20	
	a-BHC	< 0.593	U	ug/kg dw	1	1.19	0.593		11/30/2017 06:20	
	a-Chlordane	< 0.593	U	ug/kg dw	1	1.19	0.593		11/30/2017 06:20	
	Aldrin	< 0.593	U	ug/kg dw	1	1.19	0.593		11/30/2017 06:20	
	b-BHC	< 0.593	U	ug/kg dw	1	1.19	0.593		11/30/2017 06:20	
	Chlordane	< 0.593	U	ug/kg dw	1	1.19	0.593		11/30/2017 06:20	
	d-BHC	< 0.593	U	ug/kg dw	1	1.19	0.593		11/30/2017 06:20	
	Dieldrin	< 0.593	U	ug/kg dw	1	1.19	0.593		11/30/2017 06:20	
	Endosulfan I	< 0.593	U	ug/kg dw	1	1.19	0.593		11/30/2017 06:20	
	Endosulfan II	< 0.593	U	ug/kg dw	1	1.19	0.593		11/30/2017 06:20	
	Endosulfan sulfate	< 0.593	U	ug/kg dw	1	1.19	0.593		11/30/2017 06:20	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-05-S
Job Sample ID: 1711131.22
Other Information: Grab - Sediment

Sample Matrix: Sediment
Date Collected: 11/07/2017
Time Collected: 16:14

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8081B	Organochlorine Pesticides									
			Batch ID:	Qb17120103	Prep Info:	PB17120102	SW846 3570		11/21/2017 13:01	
	Endrin	< 0.593	U	ug/kg dw	1	1.19	0.593		11/30/2017 06:20	
	Endrin aldehyde	< 0.593	U	ug/kg dw	1	1.19	0.593		11/30/2017 06:20	
	Endrin ketone	< 0.593	U	ug/kg dw	1	1.19	0.593		11/30/2017 06:20	
	g-BHC	< 0.593	U	ug/kg dw	1	1.19	0.593		11/30/2017 06:20	
	Heptachlor	< 0.593	U	ug/kg dw	1	1.19	0.593		11/30/2017 06:20	
	Heptachlor epoxide	< 0.593	U	ug/kg dw	1	1.19	0.593		11/30/2017 06:20	
	Toxaphene	< 0.593	U	ug/kg dw	1	1.19	0.593		11/30/2017 06:20	
	γ-Chlordane	< 0.593	U	ug/kg dw	1	1.19	0.593		11/30/2017 06:20	
SW846 8082A	Polychlorinated Biphenyls		Batch ID:		Prep Info:					
	2,4,5,6 Tetrachloro-m-xylene(surr)	81.7		%	1			60-140	12/01/2017 04:10	
	Decachlorobiphenyl(surr)	82.0		%	1			60-140	12/01/2017 04:10	
SW846 8082A	Polychlorinated Biphenyls		Batch ID:	Qb17112116	Prep Info:	PB17112113	SW846 3570		11/20/2017 12:56	
	Total PCBs	< 3.95	U	ug/kg dw	1	7.91	3.95		12/01/2017 04:10	
SW846 8270D	Semivolatile Organic Compounds		Batch ID:		Prep Info:					
	2,4,6-Tribromophenol(surr)	78.8		%	1			60-140	12/01/2017 00:38	
	2-Fluorobiphenyl(surr)	24.6	S	%	1			60-140	12/01/2017 00:38	
	2-Fluorophenol(surr)	56.1	S	%	1			60-140	12/01/2017 00:38	
	Nitrobenzene-d5(surr)	50.7	S	%	1			60-140	12/01/2017 00:38	
	Phenol-d5(surr)	54.7	S	%	1			60-140	12/01/2017 00:38	
	Terphenyl-d14(surr)	23.7	S	%	1			60-140	12/01/2017 00:38	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-05-S
Job Sample ID: 1711131.22
Other Information: Grab - Sediment

Sample Matrix: Sediment
Date Collected: 11/07/2017
Time Collected: 16:14

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121914	Prep Info:	PB17121905	SW846 3570		11/21/2017 11:12	EM
	1,2,4-Trichlorobenzene	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	
	1,2-Dichlorobenzene	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	
	1,2-Diphenylhydrazine as Azobenzene	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	
	1,3-Dichlorobenzene	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	
	1,4-Dichlorobenzene	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	
	2,4,6-Trichlorophenol	< 9.88	U	ug/kg dw	1	19.8	9.88		12/01/2017 00:38	
	2,4-Dichlorophenol	< 9.88	U	ug/kg dw	1	19.8	9.88		12/01/2017 00:38	
	2,4-Dimethylphenol	< 9.88	U	ug/kg dw	1	19.8	9.88		12/01/2017 00:38	
	2,4-Dinitrophenol	< 158	U	ug/kg dw	1	316	158		12/01/2017 00:38	
	2,4-Dinitrotoluene	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	
	2,6-Dinitrotoluene	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	
	2-Chloronaphthalene	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	
	2-Chlorophenol	< 9.88	U	ug/kg dw	1	19.8	9.88		12/01/2017 00:38	
	2-Nitrophenol	< 9.88	U	ug/kg dw	1	19.8	9.88		12/01/2017 00:38	
	3,3-Dichlorobenzidine	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	
	4,6-Dinitro-2-methylphenol	< 39.5	U	ug/kg dw	1	79.1	39.5		12/01/2017 00:38	
	4-Bromophenyl phenyl ether	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	
	4-Chloro-3-methylphenol	< 9.88	U	ug/kg dw	1	19.8	9.88		12/01/2017 00:38	
	4-Chlorophenyl phenyl ether	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	
	4-Nitrophenol	< 9.88	U	ug/kg dw	1	19.8	9.88		12/01/2017 00:38	
	Acenaphthene	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-05-S
Job Sample ID: 1711131.22
Other Information: Grab - Sediment

Sample Matrix: Sediment
Date Collected: 11/07/2017
Time Collected: 16:14

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121914	Prep Info:	PB17121905	SW846 3570		11/21/2017 11:12	EM
	Acenaphthylene	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	
	Anthracene	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	
	Benzidine	< 2.35	U	ug/kg dw	1	19.8	2.35		12/01/2017 00:38	
	Benzo(a)anthracene	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	
	Benzo(a)pyrene	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	
	benzo(b&k)fluoranthene	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	
	Benzo(b)fluoranthene	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	
	Benzo(g,h,i)perylene	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	
	Benzo(k)fluoranthene	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	
	Bis(2-chloroethoxy) methane	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	
	Bis(2-chloroethyl) ether	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	
	Bis(2-chloroisopropyl) ether	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	
	Bis(2-ethylhexyl)phthalate	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	
	Butyl benzyl phthalate	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	
	Chrysene	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	
	Dibenzo(a,h)anthracene	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	
	Diethyl phthalate	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	
	Dimethyl phthalate	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	
	Di-n-butyl phthalate	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	
	Di-n-octyl Phthalate	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	
	Fluoranthene	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-05-S
 Job Sample ID: 1711131.22
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 16:14

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID: Qb17121914	Prep Info: PB17121905			SW846 3570		11/21/2017 11:12	EM
	Fluorene	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	
	Hexachlorobenzene	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	
	Hexachlorobutadiene	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	
	Hexachlorocyclopentadiene	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	
	Hexachloroethane	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	
	Indeno(1,2,3-cd)pyrene	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	
	Isophorone	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	
	Naphthalene	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	
	Nitrobenzene	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	
	n-Nitrosodimethylamine	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	
	n-nitroso-di-n-propylamine	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	
	n-Nitrosodiphenylamine	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	
	Pentachlorophenol	< 9.88	U	ug/kg dw	1	19.8	9.88		12/01/2017 00:38	
	Phenanthrene	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	
	Phenol	< 9.88	U	ug/kg dw	1	19.8	9.88		12/01/2017 00:38	
	Pyrene	< 4.94	U	ug/kg dw	1	9.88	4.94		12/01/2017 00:38	
SW846 9014	Suite III									
			Batch ID: Qb17121924	Prep Info: PB17121909			SW846 9010C		11/15/2017 19:11	ARC
	Cyanide, Total	< 0.99	U	mg/kg dw	1	1.98	0.99		11/15/2017 21:40	ARC
SW846 9060A	Suite III									
			Batch ID: Qb17121923	Prep Info:						
	Total Organic Carbon	3.31		%	1	0.200	0.099		11/21/2017 19:18	ARC

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-05-S
 Job Sample ID: 1711131.22
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 16:14

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctadecane(surr)	61.8	S	%	1			75-125	11/22/2017 17:49	EM
	1-Chlorooctane(surr)	62.6	S	%	1			75-125	11/22/2017 17:49	EM
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID: Qb17120119		Prep Info: PB17120110		TCEQ 1005		11/18/2017 17:30	EM
	TPH, C6-C35	< 39.5	U	mg/kg dw	1	198	39.5		11/22/2017 17:49	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-06-S
 Job Sample ID: 1711131.23
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 15:55

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
Calculation	Chromium, Trivalent									
	Trivalent Chromium	14.4		mg/kg dw	1	4.18	2.09		12/29/2017 13:36	MM
EPA 200.8	Metals, Total									
	Antimony	< 0.209	U	mg/kg dw	1	0.418	0.209		11/20/2017 16:38	CL
	Arsenic	3.75		mg/kg dw	1	0.209	0.021		11/20/2017 16:38	CL
	Beryllium	0.787		mg/kg dw	1	0.084	0.004		11/20/2017 16:38	CL
	Cadmium	0.121	J	mg/kg dw	1	0.418	0.021		11/20/2017 16:38	CL
	Chromium	14.4		mg/kg dw	1	1.25	0.063		11/20/2017 16:38	CL
	Copper	7.41		mg/kg dw	1	0.837	0.084		11/20/2017 16:38	CL
	Lead	15.9		mg/kg dw	5	1.05	0.105		11/20/2017 16:43	CL
	Nickel	10.8		mg/kg dw	1	0.837	0.042		11/20/2017 16:38	CL
	Selenium	1.81		mg/kg dw	1	0.837	0.418		11/20/2017 16:38	CL
	Silver	0.0502	J	mg/kg dw	1	0.209	0.0105		11/20/2017 16:38	CL
	Thallium	0.167	J	mg/kg dw	5	1.05	0.0523		11/20/2017 16:43	CL
	Zinc	36.2		mg/kg dw	1	0.837	0.418		11/20/2017 16:38	CL
EPA 350.2	Suite III									
	Ammonia as N	159	J	mg/kg dw	1	418	83.7		11/14/2017 10:19	ARC
SM 2540 G	Percent Moisture									
	% Moisture	76.1		%	1	1.00	0.010		12/29/2017 13:35	MM
SM 2540 G	Solids, Total									
	% Solids	23.9		%	1	1.00	0.010		11/10/2017 13:00	ARC

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-06-S
Job Sample ID: 1711131.23
Other Information: Grab - Sediment

Sample Matrix: Sediment
Date Collected: 11/07/2017
Time Collected: 15:55

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 7196A	Metals, Total									
	Chromium, Hexavalent	< 2.09	U	mg/kg dw	1	4.18	2.09		11/27/2017 19:14	ARC
SW846 7471B	Metals, Total									
	Mercury	< 0.042	U	mg/kg dw	1	0.084	0.042		11/20/2017 19:26	SH
SW846 8081B	Organochlorine Pesticides									
	2,4,5,6 Tetrachloro-m-xylene(surr)	46.5	S	%	1			60-140	11/30/2017 06:43	
	Decachlorobiphenyl(surr)	65.0		%	1			60-140	11/30/2017 06:43	
SW846 8081B	Organochlorine Pesticides									
	4,4-DDD	< 0.628	U	ug/kg dw	1	1.25	0.628		11/30/2017 06:43	
	4,4-DDE	< 0.628	U	ug/kg dw	1	1.25	0.628		11/30/2017 06:43	
	4,4-DDT	< 0.628	U	ug/kg dw	1	1.25	0.628		11/30/2017 06:43	
	a-BHC	< 0.628	U	ug/kg dw	1	1.25	0.628		11/30/2017 06:43	
	a-Chlordane	< 0.628	U	ug/kg dw	1	1.25	0.628		11/30/2017 06:43	
	Aldrin	< 0.628	U	ug/kg dw	1	1.25	0.628		11/30/2017 06:43	
	b-BHC	< 0.628	U	ug/kg dw	1	1.25	0.628		11/30/2017 06:43	
	Chlordane	< 0.628	U	ug/kg dw	1	1.25	0.628		11/30/2017 06:43	
	d-BHC	< 0.628	U	ug/kg dw	1	1.25	0.628		11/30/2017 06:43	
	Dieldrin	< 0.628	U	ug/kg dw	1	1.25	0.628		11/30/2017 06:43	
	Endosulfan I	< 0.628	U	ug/kg dw	1	1.25	0.628		11/30/2017 06:43	
	Endosulfan II	< 0.628	U	ug/kg dw	1	1.25	0.628		11/30/2017 06:43	
	Endosulfan sulfate	< 0.628	U	ug/kg dw	1	1.25	0.628		11/30/2017 06:43	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-06-S
Job Sample ID: 1711131.23
Other Information: Grab - Sediment

Sample Matrix: Sediment
Date Collected: 11/07/2017
Time Collected: 15:55

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8081B	Organochlorine Pesticides									
			Batch ID:	Qb17120103	Prep Info:	PB17120102	SW846 3570		11/21/2017 13:01	
	Endrin	< 0.628	U	ug/kg dw	1	1.25	0.628		11/30/2017 06:43	
	Endrin aldehyde	< 0.628	U	ug/kg dw	1	1.25	0.628		11/30/2017 06:43	
	Endrin ketone	< 0.628	U	ug/kg dw	1	1.25	0.628		11/30/2017 06:43	
	g-BHC	< 0.628	U	ug/kg dw	1	1.25	0.628		11/30/2017 06:43	
	Heptachlor	< 0.628	U	ug/kg dw	1	1.25	0.628		11/30/2017 06:43	
	Heptachlor epoxide	< 0.628	U	ug/kg dw	1	1.25	0.628		11/30/2017 06:43	
	Toxaphene	< 0.628	U	ug/kg dw	1	1.25	0.628		11/30/2017 06:43	
	γ-Chlordane	< 0.628	U	ug/kg dw	1	1.25	0.628		11/30/2017 06:43	
SW846 8082A	Polychlorinated Biphenyls		Batch ID:		Prep Info:					
	2,4,5,6 Tetrachloro-m-xylene(surr)	76.0		%	1			60-140	12/01/2017 04:35	
	Decachlorobiphenyl(surr)	76.5		%	1			60-140	12/01/2017 04:35	
SW846 8082A	Polychlorinated Biphenyls		Batch ID:	Qb17112116	Prep Info:	PB17112113	SW846 3570		11/20/2017 12:56	
	Total PCBs	< 4.18	U	ug/kg dw	1	8.37	4.18		12/01/2017 04:35	
SW846 8270D	Semivolatile Organic Compounds		Batch ID:		Prep Info:					
	2,4,6-Tribromophenol(surr)	80.9		%	1			60-140	12/01/2017 01:14	
	2-Fluorobiphenyl(surr)	28.8	S	%	1			60-140	12/01/2017 01:14	
	2-Fluorophenol(surr)	54.9	S	%	1			60-140	12/01/2017 01:14	
	Nitrobenzene-d5(surr)	51.1	S	%	1			60-140	12/01/2017 01:14	
	Phenol-d5(surr)	53.9	S	%	1			60-140	12/01/2017 01:14	
	Terphenyl-d14(surr)	22.1	S	%	1			60-140	12/01/2017 01:14	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-06-S
 Job Sample ID: 1711131.23
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 15:55

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121914	Prep Info:	PB17121905	SW846 3570		11/21/2017 11:12	EM
	1,2,4-Trichlorobenzene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	
	1,2-Dichlorobenzene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	
	1,2-Diphenylhydrazine as Azobenzene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	
	1,3-Dichlorobenzene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	
	1,4-Dichlorobenzene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	
	2,4,6-Trichlorophenol	< 10.5	U	ug/kg dw	1	20.9	10.5		12/01/2017 01:14	
	2,4-Dichlorophenol	< 10.5	U	ug/kg dw	1	20.9	10.5		12/01/2017 01:14	
	2,4-Dimethylphenol	< 10.5	U	ug/kg dw	1	20.9	10.5		12/01/2017 01:14	
	2,4-Dinitrophenol	< 167	U	ug/kg dw	1	335	167		12/01/2017 01:14	
	2,4-Dinitrotoluene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	
	2,6-Dinitrotoluene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	
	2-Chloronaphthalene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	
	2-Chlorophenol	< 10.5	U	ug/kg dw	1	20.9	10.5		12/01/2017 01:14	
	2-Nitrophenol	< 10.5	U	ug/kg dw	1	20.9	10.5		12/01/2017 01:14	
	3,3-Dichlorobenzidine	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	
	4,6-Dinitro-2-methylphenol	< 41.8	U	ug/kg dw	1	83.7	41.8		12/01/2017 01:14	
	4-Bromophenyl phenyl ether	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	
	4-Chloro-3-methylphenol	< 10.5	U	ug/kg dw	1	20.9	10.5		12/01/2017 01:14	
	4-Chlorophenyl phenyl ether	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	
	4-Nitrophenol	< 10.5	U	ug/kg dw	1	20.9	10.5		12/01/2017 01:14	
	Acenaphthene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-06-S
 Job Sample ID: 1711131.23
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 15:55

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121914	Prep Info:	PB17121905	SW846 3570		11/21/2017 11:12	EM
	Acenaphthylene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	
	Anthracene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	
	Benzidine	< 2.48	U	ug/kg dw	1	20.9	2.48		12/01/2017 01:14	
	Benzo(a)anthracene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	
	Benzo(a)pyrene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	
	benzo(b&k)fluoranthene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	
	Benzo(b)fluoranthene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	
	Benzo(g,h,i)perylene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	
	Benzo(k)fluoranthene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	
	Bis(2-chloroethoxy) methane	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	
	Bis(2-chloroethyl) ether	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	
	Bis(2-chloroisopropyl) ether	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	
	Bis(2-ethylhexyl)phthalate	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	
	Butyl benzyl phthalate	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	
	Chrysene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	
	Dibenzo(a,h)anthracene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	
	Diethyl phthalate	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	
	Dimethyl phthalate	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	
	Di-n-butyl phthalate	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	
	Di-n-octyl Phthalate	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	
	Fluoranthene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-06-S
 Job Sample ID: 1711131.23
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 15:55

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121914	Prep Info:	PB17121905	SW846 3570		11/21/2017 11:12	EM
	Fluorene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	
	Hexachlorobenzene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	
	Hexachlorobutadiene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	
	Hexachlorocyclopentadiene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	
	Hexachloroethane	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	
	Indeno(1,2,3-cd)pyrene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	
	Isophorone	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	
	Naphthalene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	
	Nitrobenzene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	
	n-Nitrosodimethylamine	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	
	n-nitroso-di-n-propylamine	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	
	n-Nitrosodiphenylamine	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	
	Pentachlorophenol	< 10.5	U	ug/kg dw	1	20.9	10.5		12/01/2017 01:14	
	Phenanthrene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	
	Phenol	< 10.5	U	ug/kg dw	1	20.9	10.5		12/01/2017 01:14	
	Pyrene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 01:14	
SW846 9014	Suite III									
			Batch ID:	Qb17121924	Prep Info:	PB17121909	SW846 9010C		11/15/2017 19:11	ARC
	Cyanide, Total	< 1.05	U	mg/kg dw	1	2.09	1.05		11/15/2017 21:40	ARC
SW846 9060A	Suite III									
			Batch ID:	Qb17121923	Prep Info:					
	Total Organic Carbon	3.64		%	1	0.210	0.105		11/21/2017 19:18	ARC

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-06-S
 Job Sample ID: 1711131.23
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 15:55

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctadecane(surr)	71.3	S	%	1			75-125	11/22/2017 18:14	EM
	1-Chlorooctane(surr)	74.0	S	%	1			75-125	11/22/2017 18:14	EM
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID: Qb17120119		Prep Info: PB17120110		TCEQ 1005		11/18/2017 17:30	EM
	TPH, C6-C35	< 41.8	U	mg/kg dw	1	209	41.8		11/22/2017 18:14	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-07-S
 Job Sample ID: 1711131.24
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 15:37

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
Calculation	Chromium, Trivalent									
	Trivalent Chromium	13.9		mg/kg dw	1	3.98	1.99		12/29/2017 13:36	MM
EPA 200.8	Metals, Total									
	Antimony	< 0.199	U	mg/kg dw	1	0.398	0.199		11/20/2017 17:10	CL
	Arsenic	3.64		mg/kg dw	1	0.199	0.020		11/20/2017 17:10	CL
	Beryllium	0.805		mg/kg dw	1	0.080	0.004		11/20/2017 17:10	CL
	Cadmium	0.120	J	mg/kg dw	1	0.398	0.020		11/20/2017 17:10	CL
	Chromium	13.9		mg/kg dw	1	1.20	0.060		11/20/2017 17:10	CL
	Copper	7.37		mg/kg dw	1	0.797	0.080		11/20/2017 17:10	CL
	Lead	16.0		mg/kg dw	5	1.00	0.100		11/20/2017 17:15	CL
	Nickel	10.6		mg/kg dw	1	0.797	0.040		11/20/2017 17:10	CL
	Selenium	1.78		mg/kg dw	1	0.797	0.398		11/20/2017 17:10	CL
	Silver	0.0478	J	mg/kg dw	1	0.199	0.010		11/20/2017 17:10	CL
	Thallium	0.155	J	mg/kg dw	5	1.00	0.0498		11/20/2017 17:15	CL
	Zinc	35.6		mg/kg dw	1	0.797	0.398		11/20/2017 17:10	CL
EPA 350.2	Suite III									
	Ammonia as N	147	J	mg/kg dw	1	398	79.7		11/14/2017 10:19	ARC
SM 2540 G	Percent Moisture									
	% Moisture	74.9		%	1	1.00	0.010		12/29/2017 13:35	MM
SM 2540 G	Solids, Total									
	% Solids	25.1		%	1	1.00	0.010		11/10/2017 13:00	ARC

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-07-S
Job Sample ID: 1711131.24
Other Information: Grab - Sediment

Sample Matrix: Sediment
Date Collected: 11/07/2017
Time Collected: 15:37

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 7196A	Metals, Total									
	Chromium, Hexavalent	< 1.99	U	mg/kg dw	1	3.98	1.99		11/27/2017 19:14	ARC
SW846 7471B	Metals, Total									
	Mercury	< 0.040	U	mg/kg dw	1	0.080	0.040		11/20/2017 19:36	SH
SW846 8081B	Organochlorine Pesticides									
	2,4,5,6 Tetrachloro-m-xylene(surr)	51.0	S	%	1			60-140	11/30/2017 07:07	
	Decachlorobiphenyl(surr)	61.2		%	1			60-140	11/30/2017 07:07	
SW846 8081B	Organochlorine Pesticides									
	4,4-DDD	< 0.598	U	ug/kg dw	1	1.20	0.598		11/30/2017 07:07	
	4,4-DDE	< 0.598	U	ug/kg dw	1	1.20	0.598		11/30/2017 07:07	
	4,4-DDT	< 0.598	U	ug/kg dw	1	1.20	0.598		11/30/2017 07:07	
	a-BHC	< 0.598	U	ug/kg dw	1	1.20	0.598		11/30/2017 07:07	
	a-Chlordane	< 0.598	U	ug/kg dw	1	1.20	0.598		11/30/2017 07:07	
	Aldrin	< 0.598	U	ug/kg dw	1	1.20	0.598		11/30/2017 07:07	
	b-BHC	< 0.598	U	ug/kg dw	1	1.20	0.598		11/30/2017 07:07	
	Chlordane	< 0.598	U	ug/kg dw	1	1.20	0.598		11/30/2017 07:07	
	d-BHC	< 0.598	U	ug/kg dw	1	1.20	0.598		11/30/2017 07:07	
	Dieldrin	< 0.598	U	ug/kg dw	1	1.20	0.598		11/30/2017 07:07	
	Endosulfan I	< 0.598	U	ug/kg dw	1	1.20	0.598		11/30/2017 07:07	
	Endosulfan II	< 0.598	U	ug/kg dw	1	1.20	0.598		11/30/2017 07:07	
	Endosulfan sulfate	< 0.598	U	ug/kg dw	1	1.20	0.598		11/30/2017 07:07	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-07-S
Job Sample ID: 1711131.24
Other Information: Grab - Sediment

Sample Matrix: Sediment
Date Collected: 11/07/2017
Time Collected: 15:37

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8081B	Organochlorine Pesticides									
			Batch ID:	Qb17120103	Prep Info:	PB17120102	SW846 3570		11/21/2017 13:01	
	Endrin	< 0.598	U	ug/kg dw	1	1.20	0.598		11/30/2017 07:07	
	Endrin aldehyde	< 0.598	U	ug/kg dw	1	1.20	0.598		11/30/2017 07:07	
	Endrin ketone	< 0.598	U	ug/kg dw	1	1.20	0.598		11/30/2017 07:07	
	g-BHC	< 0.598	U	ug/kg dw	1	1.20	0.598		11/30/2017 07:07	
	Heptachlor	< 0.598	U	ug/kg dw	1	1.20	0.598		11/30/2017 07:07	
	Heptachlor epoxide	< 0.598	U	ug/kg dw	1	1.20	0.598		11/30/2017 07:07	
	Toxaphene	< 0.598	U	ug/kg dw	1	1.20	0.598		11/30/2017 07:07	
	γ-Chlordane	< 0.598	U	ug/kg dw	1	1.20	0.598		11/30/2017 07:07	
SW846 8082A	Polychlorinated Biphenyls		Batch ID:		Prep Info:					
	2,4,5,6 Tetrachloro-m-xylene(surr)	85.0		%	1			60-140	12/01/2017 05:23	
	Decachlorobiphenyl(surr)	80.8		%	1			60-140	12/01/2017 05:23	
SW846 8082A	Polychlorinated Biphenyls		Batch ID:	Qb17112116	Prep Info:	PB17112113	SW846 3570		11/20/2017 12:56	
	Total PCBs	< 3.98	U	ug/kg dw	1	7.97	3.98		12/01/2017 05:23	
SW846 8270D	Semivolatile Organic Compounds		Batch ID:		Prep Info:					
	2,4,6-Tribromophenol(surr)	100		%	1			60-140	12/01/2017 01:50	
	2-Fluorobiphenyl(surr)	30.7	S	%	1			60-140	12/01/2017 01:50	
	2-Fluorophenol(surr)	44.6	S	%	1			60-140	12/01/2017 01:50	
	Nitrobenzene-d5(surr)	51.8	S	%	1			60-140	12/01/2017 01:50	
	Phenol-d5(surr)	52.6	S	%	1			60-140	12/01/2017 01:50	
	Terphenyl-d14(surr)	22.5	S	%	1			60-140	12/01/2017 01:50	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-07-S
 Job Sample ID: 1711131.24
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 15:37

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121914	Prep Info:	PB17121905	SW846 3570		11/21/2017 11:12	EM
	1,2,4-Trichlorobenzene	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	
	1,2-Dichlorobenzene	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	
	1,2-Diphenylhydrazine as Azobenzene	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	
	1,3-Dichlorobenzene	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	
	1,4-Dichlorobenzene	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	
	2,4,6-Trichlorophenol	< 10.0	U	ug/kg dw	1	19.9	10.0		12/01/2017 01:50	
	2,4-Dichlorophenol	< 10.0	U	ug/kg dw	1	19.9	10.0		12/01/2017 01:50	
	2,4-Dimethylphenol	< 10.0	U	ug/kg dw	1	19.9	10.0		12/01/2017 01:50	
	2,4-Dinitrophenol	< 159	U	ug/kg dw	1	319	159		12/01/2017 01:50	
	2,4-Dinitrotoluene	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	
	2,6-Dinitrotoluene	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	
	2-Chloronaphthalene	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	
	2-Chlorophenol	< 10.0	U	ug/kg dw	1	19.9	10.0		12/01/2017 01:50	
	2-Nitrophenol	< 10.0	U	ug/kg dw	1	19.9	10.0		12/01/2017 01:50	
	3,3-Dichlorobenzidine	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	
	4,6-Dinitro-2-methylphenol	< 39.8	U	ug/kg dw	1	79.7	39.8		12/01/2017 01:50	
	4-Bromophenyl phenyl ether	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	
	4-Chloro-3-methylphenol	< 10.0	U	ug/kg dw	1	19.9	10.0		12/01/2017 01:50	
	4-Chlorophenyl phenyl ether	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	
	4-Nitrophenol	< 10.0	U	ug/kg dw	1	19.9	10.0		12/01/2017 01:50	
	Acenaphthene	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-07-S
 Job Sample ID: 1711131.24
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 15:37

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121914	Prep Info:	PB17121905	SW846 3570		11/21/2017 11:12	EM
	Acenaphthylene	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	
	Anthracene	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	
	Benzidine	< 2.37	U	ug/kg dw	1	19.9	2.37		12/01/2017 01:50	
	Benzo(a)anthracene	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	
	Benzo(a)pyrene	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	
	benzo(b&k)fluoranthene	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	
	Benzo(b)fluoranthene	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	
	Benzo(g,h,i)perylene	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	
	Benzo(k)fluoranthene	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	
	Bis(2-chloroethoxy) methane	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	
	Bis(2-chloroethyl) ether	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	
	Bis(2-chloroisopropyl) ether	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	
	Bis(2-ethylhexyl)phthalate	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	
	Butyl benzyl phthalate	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	
	Chrysene	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	
	Dibenzo(a,h)anthracene	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	
	Diethyl phthalate	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	
	Dimethyl phthalate	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	
	Di-n-butyl phthalate	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	
	Di-n-octyl Phthalate	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	
	Fluoranthene	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-07-S
Job Sample ID: 1711131.24
Other Information: Grab - Sediment

Sample Matrix: Sediment
Date Collected: 11/07/2017
Time Collected: 15:37

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121914	Prep Info:	PB17121905	SW846 3570		11/21/2017 11:12	EM
	Fluorene	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	
	Hexachlorobenzene	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	
	Hexachlorobutadiene	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	
	Hexachlorocyclopentadiene	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	
	Hexachloroethane	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	
	Indeno(1,2,3-cd)pyrene	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	
	Isophorone	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	
	Naphthalene	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	
	Nitrobenzene	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	
	n-Nitrosodimethylamine	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	
	n-nitroso-di-n-propylamine	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	
	n-Nitrosodiphenylamine	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	
	Pentachlorophenol	< 10.0	U	ug/kg dw	1	19.9	10.0		12/01/2017 01:50	
	Phenanthrene	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	
	Phenol	< 10.0	U	ug/kg dw	1	19.9	10.0		12/01/2017 01:50	
	Pyrene	< 4.98	U	ug/kg dw	1	10.0	4.98		12/01/2017 01:50	
SW846 9014	Suite III									
			Batch ID:	Qb17121924	Prep Info:	PB17121909	SW846 9010C		11/15/2017 19:11	ARC
	Cyanide, Total	< 1.00	U	mg/kg dw	1	1.99	1.00		11/15/2017 21:40	ARC
SW846 9060A	Suite III									
			Batch ID:	Qb17121923	Prep Info:					
	Total Organic Carbon	3.72		%	1	0.200	0.100		11/21/2017 19:18	ARC

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-07-S
 Job Sample ID: 1711131.24
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 15:37

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctadecane(surr)	73.3	S	%	1			75-125	11/22/2017 19:05	EM
	1-Chlorooctane(surr)	75.3		%	1			75-125	11/22/2017 19:05	EM
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID: Qb17120119		Prep Info: PB17120110		TCEQ 1005		11/18/2017 17:30	EM
	TPH, C6-C35	< 39.8	U	mg/kg dw	1	199	39.8		11/22/2017 19:05	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-08-S
 Job Sample ID: 1711131.25
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 13:45

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
Calculation	Chromium, Trivalent									
	Trivalent Chromium	13.8		mg/kg dw	1	3.92	1.96		12/29/2017 13:36	MM
EPA 200.8	Metals, Total									
	Antimony	< 0.196	U	mg/kg dw	1	0.392	0.196		11/20/2017 17:20	CL
	Arsenic	3.54		mg/kg dw	1	0.196	0.020		11/20/2017 17:20	CL
	Beryllium	0.773		mg/kg dw	1	0.078	0.004		11/20/2017 17:20	CL
	Cadmium	0.129	J	mg/kg dw	1	0.392	0.020		11/20/2017 17:20	CL
	Chromium	13.8		mg/kg dw	1	1.18	0.059		11/20/2017 17:20	CL
	Copper	7.53		mg/kg dw	1	0.784	0.078		11/20/2017 17:20	CL
	Lead	16.0		mg/kg dw	5	0.98	0.098		11/20/2017 17:25	CL
	Nickel	10.5		mg/kg dw	1	0.784	0.039		11/20/2017 17:20	CL
	Selenium	1.86		mg/kg dw	1	0.784	0.392		11/20/2017 17:20	CL
	Silver	0.051	J	mg/kg dw	1	0.196	0.0098		11/20/2017 17:20	CL
	Thallium	0.157	J	mg/kg dw	5	0.98	0.049		11/20/2017 17:25	CL
	Zinc	35.2		mg/kg dw	1	0.784	0.392		11/20/2017 17:20	CL
EPA 350.2	Suite III									
	Ammonia as N	149	J	mg/kg dw	1	392	78.4		11/14/2017 10:19	ARC
SM 2540 G	Percent Moisture									
	% Moisture	74.5		%	1	1.00	0.010		12/29/2017 13:35	MM
SM 2540 G	Solids, Total									
	% Solids	25.5		%	1	1.00	0.010		11/10/2017 13:00	ARC

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-08-S
 Job Sample ID: 1711131.25
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 13:45

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 7196A	Metals, Total									
	Chromium, Hexavalent	< 1.96	U	mg/kg dw	1	3.92	1.96		11/27/2017 19:14	ARC
SW846 7471B	Metals, Total									
	Mercury	< 0.039	U	mg/kg dw	1	0.078	0.039		11/20/2017 19:39	SH
SW846 8081B	Organochlorine Pesticides									
	2,4,5,6 Tetrachloro-m-xylene(surr)	57.2	S	%	1			60-140	11/30/2017 07:30	
	Decachlorobiphenyl(surr)	72.0		%	1			60-140	11/30/2017 07:30	
SW846 8081B	Organochlorine Pesticides									
	4,4-DDD	< 0.588	U	ug/kg dw	1	1.18	0.588		11/30/2017 07:30	
	4,4-DDE	< 0.588	U	ug/kg dw	1	1.18	0.588		11/30/2017 07:30	
	4,4-DDT	< 0.588	U	ug/kg dw	1	1.18	0.588		11/30/2017 07:30	
	a-BHC	< 0.588	U	ug/kg dw	1	1.18	0.588		11/30/2017 07:30	
	a-Chlordane	< 0.588	U	ug/kg dw	1	1.18	0.588		11/30/2017 07:30	
	Aldrin	< 0.588	U	ug/kg dw	1	1.18	0.588		11/30/2017 07:30	
	b-BHC	< 0.588	U	ug/kg dw	1	1.18	0.588		11/30/2017 07:30	
	Chlordane	< 0.588	U	ug/kg dw	1	1.18	0.588		11/30/2017 07:30	
	d-BHC	< 0.588	U	ug/kg dw	1	1.18	0.588		11/30/2017 07:30	
	Dieldrin	< 0.588	U	ug/kg dw	1	1.18	0.588		11/30/2017 07:30	
	Endosulfan I	< 0.588	U	ug/kg dw	1	1.18	0.588		11/30/2017 07:30	
	Endosulfan II	< 0.588	U	ug/kg dw	1	1.18	0.588		11/30/2017 07:30	
	Endosulfan sulfate	< 0.588	U	ug/kg dw	1	1.18	0.588		11/30/2017 07:30	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-08-S
Job Sample ID: 1711131.25
Other Information: Grab - Sediment

Sample Matrix: Sediment
Date Collected: 11/07/2017
Time Collected: 13:45

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8081B	Organochlorine Pesticides									
			Batch ID:	Prep Info:						
			Qb17120103	PB17120102			SW846 3570		11/21/2017 13:01	
	Endrin	< 0.588	U	ug/kg dw	1	1.18	0.588		11/30/2017 07:30	
	Endrin aldehyde	< 0.588	U	ug/kg dw	1	1.18	0.588		11/30/2017 07:30	
	Endrin ketone	< 0.588	U	ug/kg dw	1	1.18	0.588		11/30/2017 07:30	
	g-BHC	< 0.588	U	ug/kg dw	1	1.18	0.588		11/30/2017 07:30	
	Heptachlor	< 0.588	U	ug/kg dw	1	1.18	0.588		11/30/2017 07:30	
	Heptachlor epoxide	0.611	J, P	ug/kg dw	1	1.18	0.588		11/30/2017 07:30	
	Toxaphene	< 0.588	U	ug/kg dw	1	1.18	0.588		11/30/2017 07:30	
	γ-Chlordane	< 0.588	U	ug/kg dw	1	1.18	0.588		11/30/2017 07:30	
SW846 8082A	Polychlorinated Biphenyls		Batch ID:	Prep Info:						
	2,4,5,6 Tetrachloro-m-xylene(surr)	81.5		%	1			60-140	12/01/2017 05:47	
	Decachlorobiphenyl(surr)	70.0		%	1			60-140	12/01/2017 05:47	
SW846 8082A	Polychlorinated Biphenyls		Batch ID:	Prep Info:						
	Total PCBs	< 3.92	U	ug/kg dw	1	7.84	3.92		11/20/2017 12:56	
SW846 8270D	Semivolatile Organic Compounds		Batch ID:	Prep Info:						
	2,4,6-Tribromophenol(surr)	68.4		%	1			60-140	12/01/2017 02:26	
	2-Fluorobiphenyl(surr)	19.1	S	%	1			60-140	12/01/2017 02:26	
	2-Fluorophenol(surr)	30.8	S	%	1			60-140	12/01/2017 02:26	
	Nitrobenzene-d5(surr)	37.6	S	%	1			60-140	12/01/2017 02:26	
	Phenol-d5(surr)	43.7	S	%	1			60-140	12/01/2017 02:26	
	Terphenyl-d14(surr)	21.3	S	%	1			60-140	12/01/2017 02:26	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-08-S
 Job Sample ID: 1711131.25
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 13:45

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121914	Prep Info:	PB17121905	SW846 3570		11/21/2017 11:12	EM
	1,2,4-Trichlorobenzene	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	
	1,2-Dichlorobenzene	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	
	1,2-Diphenylhydrazine as Azobenzene	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	
	1,3-Dichlorobenzene	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	
	1,4-Dichlorobenzene	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	
	2,4,6-Trichlorophenol	< 9.80	U	ug/kg dw	1	19.6	9.80		12/01/2017 02:26	
	2,4-Dichlorophenol	< 9.80	U	ug/kg dw	1	19.6	9.80		12/01/2017 02:26	
	2,4-Dimethylphenol	< 9.80	U	ug/kg dw	1	19.6	9.80		12/01/2017 02:26	
	2,4-Dinitrophenol	< 157	U	ug/kg dw	1	314	157		12/01/2017 02:26	
	2,4-Dinitrotoluene	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	
	2,6-Dinitrotoluene	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	
	2-Chloronaphthalene	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	
	2-Chlorophenol	< 9.80	U	ug/kg dw	1	19.6	9.80		12/01/2017 02:26	
	2-Nitrophenol	< 9.80	U	ug/kg dw	1	19.6	9.80		12/01/2017 02:26	
	3,3-Dichlorobenzidine	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	
	4,6-Dinitro-2-methylphenol	< 39.2	U	ug/kg dw	1	78.4	39.2		12/01/2017 02:26	
	4-Bromophenyl phenyl ether	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	
	4-Chloro-3-methylphenol	< 9.80	U	ug/kg dw	1	19.6	9.80		12/01/2017 02:26	
	4-Chlorophenyl phenyl ether	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	
	4-Nitrophenol	< 9.80	U	ug/kg dw	1	19.6	9.80		12/01/2017 02:26	
	Acenaphthene	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-08-S
Job Sample ID: 1711131.25
Other Information: Grab - Sediment

Sample Matrix: Sediment
Date Collected: 11/07/2017
Time Collected: 13:45

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121914	Prep Info:	PB17121905	SW846 3570		11/21/2017 11:12	EM
	Acenaphthylene	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	
	Anthracene	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	
	Benzidine	< 2.33	U	ug/kg dw	1	19.6	2.33		12/01/2017 02:26	
	Benzo(a)anthracene	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	
	Benzo(a)pyrene	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	
	benzo(b&k)fluoranthene	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	
	Benzo(b)fluoranthene	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	
	Benzo(g,h,i)perylene	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	
	Benzo(k)fluoranthene	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	
	Bis(2-chloroethoxy) methane	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	
	Bis(2-chloroethyl) ether	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	
	Bis(2-chloroisopropyl) ether	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	
	Bis(2-ethylhexyl)phthalate	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	
	Butyl benzyl phthalate	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	
	Chrysene	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	
	Dibenzo(a,h)anthracene	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	
	Diethyl phthalate	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	
	Dimethyl phthalate	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	
	Di-n-butyl phthalate	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	
	Di-n-octyl Phthalate	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	
	Fluoranthene	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-08-S
 Job Sample ID: 1711131.25
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 13:45

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121914	Prep Info:	PB17121905	SW846 3570		11/21/2017 11:12	EM
	Fluorene	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	
	Hexachlorobenzene	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	
	Hexachlorobutadiene	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	
	Hexachlorocyclopentadiene	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	
	Hexachloroethane	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	
	Indeno(1,2,3-cd)pyrene	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	
	Isophorone	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	
	Naphthalene	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	
	Nitrobenzene	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	
	n-Nitrosodimethylamine	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	
	n-nitroso-di-n-propylamine	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	
	n-Nitrosodiphenylamine	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	
	Pentachlorophenol	< 9.80	U	ug/kg dw	1	19.6	9.80		12/01/2017 02:26	
	Phenanthrene	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	
	Phenol	< 9.80	U	ug/kg dw	1	19.6	9.80		12/01/2017 02:26	
	Pyrene	< 4.90	U	ug/kg dw	1	9.80	4.90		12/01/2017 02:26	
SW846 9014	Suite III									
			Batch ID:	Qb17121924	Prep Info:	PB17121909	SW846 9010C		11/15/2017 19:11	ARC
	Cyanide, Total	< 0.98	U	mg/kg dw	1	1.96	0.98		11/15/2017 21:40	ARC
SW846 9060A	Suite III									
			Batch ID:	Qb17121923	Prep Info:					
	Total Organic Carbon	3.30		%	1	0.200	0.098		11/21/2017 19:18	ARC

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-08-S
 Job Sample ID: 1711131.25
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 13:45

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctadecane(surr)	71.7	S	%	1			75-125	11/30/2017 12:12	EM
	1-Chlorooctane(surr)	72.7	S	%	1			75-125	11/30/2017 12:12	EM
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID: Qb17120119		Prep Info: PB17120110		TCEQ 1005		11/18/2017 17:30	EM
	TPH, C6-C35	< 39.2	U	mg/kg dw	1	196	39.2		11/30/2017 12:12	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-09-S
 Job Sample ID: 1711131.26
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 13:05

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
Calculation	Chromium, Trivalent									
	Trivalent Chromium	14.5		mg/kg dw	1	3.89	1.95		12/29/2017 13:36	MM
EPA 200.8	Metals, Total									
	Antimony	< 0.195	U	mg/kg dw	1	0.389	0.195		11/20/2017 17:30	CL
	Arsenic	4.09		mg/kg dw	1	0.195	0.019		11/20/2017 17:30	CL
	Beryllium	0.798		mg/kg dw	1	0.078	0.004		11/20/2017 17:30	CL
	Cadmium	0.144	J	mg/kg dw	1	0.389	0.019		11/20/2017 17:30	CL
	Chromium	14.5		mg/kg dw	1	1.17	0.058		11/20/2017 17:30	CL
	Copper	8.09		mg/kg dw	1	0.778	0.078		11/20/2017 17:30	CL
	Lead	16.0		mg/kg dw	5	0.973	0.097		11/20/2017 17:35	CL
	Nickel	10.9		mg/kg dw	1	0.778	0.039		11/20/2017 17:30	CL
	Selenium	1.94		mg/kg dw	1	0.778	0.389		11/20/2017 17:30	CL
	Silver	0.0506	J	mg/kg dw	1	0.195	0.0097		11/20/2017 17:30	CL
	Thallium	0.167	J	mg/kg dw	5	0.973	0.0486		11/20/2017 17:35	CL
	Zinc	37.4		mg/kg dw	1	0.778	0.389		11/20/2017 17:30	CL
EPA 350.2	Suite III									
	Ammonia as N	187	J	mg/kg dw	1	389	77.8		11/14/2017 10:19	ARC
SM 2540 G	Percent Moisture									
	% Moisture	74.3		%	1	1.00	0.010		12/29/2017 13:35	MM
SM 2540 G	Solids, Total									
	% Solids	25.7		%	1	1.00	0.010		11/10/2017 13:00	ARC

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-09-S
 Job Sample ID: 1711131.26
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 13:05

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 7196A	Metals, Total									
	Chromium, Hexavalent	< 1.95	U	mg/kg dw	1	3.89	1.95		11/27/2017 19:14	ARC
SW846 7471B	Metals, Total									
	Mercury	< 0.039	U	mg/kg dw	1	0.078	0.039		11/20/2017 19:42	SH
SW846 8081B	Organochlorine Pesticides									
	2,4,5,6 Tetrachloro-m-xylene(surr)	64.0		%	1			60-140	11/30/2017 07:54	
	Decachlorobiphenyl(surr)	79.5		%	1			60-140	11/30/2017 07:54	
SW846 8081B	Organochlorine Pesticides									
	4,4-DDD	< 0.584	U	ug/kg dw	1	1.17	0.584		11/30/2017 07:54	
	4,4-DDE	< 0.584	U	ug/kg dw	1	1.17	0.584		11/30/2017 07:54	
	4,4-DDT	< 0.584	U	ug/kg dw	1	1.17	0.584		11/30/2017 07:54	
	a-BHC	< 0.584	U	ug/kg dw	1	1.17	0.584		11/30/2017 07:54	
	a-Chlordane	< 0.584	U	ug/kg dw	1	1.17	0.584		11/30/2017 07:54	
	Aldrin	< 0.584	U	ug/kg dw	1	1.17	0.584		11/30/2017 07:54	
	b-BHC	< 0.584	U	ug/kg dw	1	1.17	0.584		11/30/2017 07:54	
	Chlordane	< 0.584	U	ug/kg dw	1	1.17	0.584		11/30/2017 07:54	
	d-BHC	< 0.584	U	ug/kg dw	1	1.17	0.584		11/30/2017 07:54	
	Dieldrin	< 0.584	U	ug/kg dw	1	1.17	0.584		11/30/2017 07:54	
	Endosulfan I	< 0.584	U	ug/kg dw	1	1.17	0.584		11/30/2017 07:54	
	Endosulfan II	< 0.584	U	ug/kg dw	1	1.17	0.584		11/30/2017 07:54	
	Endosulfan sulfate	< 0.584	U	ug/kg dw	1	1.17	0.584		11/30/2017 07:54	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-09-S
Job Sample ID: 1711131.26
Other Information: Grab - Sediment

Sample Matrix: Sediment
Date Collected: 11/07/2017
Time Collected: 13:05

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8081B	Organochlorine Pesticides									
				Batch ID: Qb17120103		Prep Info: PB17120102	SW846 3570		11/21/2017 13:01	
	Endrin	< 0.584	U	ug/kg dw	1	1.17	0.584		11/30/2017 07:54	
	Endrin aldehyde	< 0.584	U	ug/kg dw	1	1.17	0.584		11/30/2017 07:54	
	Endrin ketone	< 0.584	U	ug/kg dw	1	1.17	0.584		11/30/2017 07:54	
	g-BHC	< 0.584	U	ug/kg dw	1	1.17	0.584		11/30/2017 07:54	
	Heptachlor	< 0.584	U	ug/kg dw	1	1.17	0.584		11/30/2017 07:54	
	Heptachlor epoxide	0.603	J, P	ug/kg dw	1	1.17	0.584		11/30/2017 07:54	
	Toxaphene	< 0.584	U	ug/kg dw	1	1.17	0.584		11/30/2017 07:54	
	γ-Chlordane	< 0.584	U	ug/kg dw	1	1.17	0.584		11/30/2017 07:54	
SW846 8082A	Polychlorinated Biphenyls									
	2,4,5,6 Tetrachloro-m-xylene(surr)	84.2		%	1			60-140	12/01/2017 06:11	
	Decachlorobiphenyl(surr)	84.8		%	1			60-140	12/01/2017 06:11	
SW846 8082A	Polychlorinated Biphenyls									
	Total PCBs	< 3.89	U	ug/kg dw	1	7.78	3.89		12/01/2017 06:11	
SW846 8270D	Semivolatile Organic Compounds									
	2,4,6-Tribromophenol(surr)	102		%	1			60-140	12/01/2017 03:03	
	2-Fluorobiphenyl(surr)	31.6	S	%	1			60-140	12/01/2017 03:03	
	2-Fluorophenol(surr)	45.7	S	%	1			60-140	12/01/2017 03:03	
	Nitrobenzene-d5(surr)	49.3	S	%	1			60-140	12/01/2017 03:03	
	Phenol-d5(surr)	48.1	S	%	1			60-140	12/01/2017 03:03	
	Terphenyl-d14(surr)	33.9	S	%	1			60-140	12/01/2017 03:03	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-09-S
 Job Sample ID: 1711131.26
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 13:05

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121914	Prep Info:	PB17121905	SW846 3570		11/21/2017 11:12	EM
	1,2,4-Trichlorobenzene	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	
	1,2-Dichlorobenzene	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	
	1,2-Diphenylhydrazine as Azobenzene	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	
	1,3-Dichlorobenzene	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	
	1,4-Dichlorobenzene	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	
	2,4,6-Trichlorophenol	< 9.73	U	ug/kg dw	1	19.5	9.73		12/01/2017 03:03	
	2,4-Dichlorophenol	< 9.73	U	ug/kg dw	1	19.5	9.73		12/01/2017 03:03	
	2,4-Dimethylphenol	< 9.73	U	ug/kg dw	1	19.5	9.73		12/01/2017 03:03	
	2,4-Dinitrophenol	< 156	U	ug/kg dw	1	311	156		12/01/2017 03:03	
	2,4-Dinitrotoluene	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	
	2,6-Dinitrotoluene	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	
	2-Chloronaphthalene	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	
	2-Chlorophenol	< 9.73	U	ug/kg dw	1	19.5	9.73		12/01/2017 03:03	
	2-Nitrophenol	< 9.73	U	ug/kg dw	1	19.5	9.73		12/01/2017 03:03	
	3,3-Dichlorobenzidine	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	
	4,6-Dinitro-2-methylphenol	< 38.9	U	ug/kg dw	1	77.8	38.9		12/01/2017 03:03	
	4-Bromophenyl phenyl ether	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	
	4-Chloro-3-methylphenol	< 9.73	U	ug/kg dw	1	19.5	9.73		12/01/2017 03:03	
	4-Chlorophenyl phenyl ether	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	
	4-Nitrophenol	< 9.73	U	ug/kg dw	1	19.5	9.73		12/01/2017 03:03	
	Acenaphthene	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-09-S
Job Sample ID: 1711131.26
Other Information: Grab - Sediment

Sample Matrix: Sediment
Date Collected: 11/07/2017
Time Collected: 13:05

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121914	Prep Info:	PB17121905	SW846 3570		11/21/2017 11:12	EM
	Acenaphthylene	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	
	Anthracene	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	
	Benzidine	< 2.31	U	ug/kg dw	1	19.5	2.31		12/01/2017 03:03	
	Benzo(a)anthracene	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	
	Benzo(a)pyrene	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	
	benzo(b&k)fluoranthene	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	
	Benzo(b)fluoranthene	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	
	Benzo(g,h,i)perylene	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	
	Benzo(k)fluoranthene	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	
	Bis(2-chloroethoxy) methane	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	
	Bis(2-chloroethyl) ether	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	
	Bis(2-chloroisopropyl) ether	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	
	Bis(2-ethylhexyl)phthalate	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	
	Butyl benzyl phthalate	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	
	Chrysene	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	
	Dibenzo(a,h)anthracene	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	
	Diethyl phthalate	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	
	Dimethyl phthalate	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	
	Di-n-butyl phthalate	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	
	Di-n-octyl Phthalate	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	
	Fluoranthene	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-09-S
Job Sample ID: 1711131.26
Other Information: Grab - Sediment

Sample Matrix: Sediment
Date Collected: 11/07/2017
Time Collected: 13:05

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121914	Prep Info:	PB17121905	SW846 3570		11/21/2017 11:12	EM
	Fluorene	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	
	Hexachlorobenzene	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	
	Hexachlorobutadiene	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	
	Hexachlorocyclopentadiene	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	
	Hexachloroethane	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	
	Indeno(1,2,3-cd)pyrene	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	
	Isophorone	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	
	Naphthalene	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	
	Nitrobenzene	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	
	n-Nitrosodimethylamine	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	
	n-nitroso-di-n-propylamine	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	
	n-Nitrosodiphenylamine	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	
	Pentachlorophenol	< 9.73	U	ug/kg dw	1	19.5	9.73		12/01/2017 03:03	
	Phenanthrene	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	
	Phenol	< 9.73	U	ug/kg dw	1	19.5	9.73		12/01/2017 03:03	
	Pyrene	< 4.86	U	ug/kg dw	1	9.73	4.86		12/01/2017 03:03	
SW846 9014	Suite III									
			Batch ID:	Qb17121924	Prep Info:	PB17121909	SW846 9010C		11/15/2017 19:11	ARC
	Cyanide, Total	< 0.97	U	mg/kg dw	1	1.95	0.97		11/15/2017 21:40	ARC
SW846 9060A	Suite III									
			Batch ID:	Qb17121923	Prep Info:					
	Total Organic Carbon	3.49		%	1	0.190	0.097		11/21/2017 19:18	ARC

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-09-S
 Job Sample ID: 1711131.26
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 13:05

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctadecane(surr)	65.9	S	%	1			75-125	11/22/2017 19:55	EM
	1-Chlorooctane(surr)	80.4		%	1			75-125	11/22/2017 19:55	EM
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID: Qb17120119		Prep Info: PB17120110		TCEQ 1005		11/18/2017 17:30	EM
	TPH, C6-C35	< 38.9	U	mg/kg dw	1	195	38.9		11/22/2017 19:55	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-10-S
 Job Sample ID: 1711131.27
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 12:40

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
Calculation	Chromium, Trivalent									
	Trivalent Chromium	14.2		mg/kg dw	1	4.20	2.10		12/29/2017 13:36	MM
EPA 200.8	Metals, Total									
	Antimony	< 0.210	U	mg/kg dw	1	0.420	0.210		11/20/2017 17:41	CL
	Arsenic	3.69		mg/kg dw	1	0.210	0.021		11/20/2017 17:41	CL
	Beryllium	0.794		mg/kg dw	1	0.084	0.004		11/20/2017 17:41	CL
	Cadmium	0.139	J	mg/kg dw	1	0.420	0.021		11/20/2017 17:41	CL
	Chromium	14.2		mg/kg dw	1	1.26	0.063		11/20/2017 17:41	CL
	Copper	7.77		mg/kg dw	1	0.84	0.084		11/20/2017 17:41	CL
	Lead	16.0		mg/kg dw	5	1.05	0.105		11/20/2017 17:46	CL
	Nickel	10.6		mg/kg dw	1	0.84	0.042		11/20/2017 17:41	CL
	Selenium	1.86		mg/kg dw	1	0.84	0.420		11/20/2017 17:41	CL
	Silver	0.0504	J	mg/kg dw	1	0.210	0.0105		11/20/2017 17:41	CL
	Thallium	0.164	J	mg/kg dw	5	1.05	0.0525		11/20/2017 17:46	CL
	Zinc	35.7		mg/kg dw	1	0.84	0.420		11/20/2017 17:41	CL
EPA 350.2	Suite III									
	Ammonia as N	134	J	mg/kg dw	1	420	84.0		11/14/2017 10:19	ARC
SM 2540 G	Percent Moisture									
	% Moisture	76.2		%	1	1.00	0.010		12/29/2017 13:35	MM
SM 2540 G	Solids, Total									
	% Solids	23.8		%	1	1.00	0.010		11/10/2017 13:00	ARC

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-10-S
 Job Sample ID: 1711131.27
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 12:40

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 7196A	Metals, Total									
	Chromium, Hexavalent	< 2.10	U	mg/kg dw	1	4.20	2.10		11/27/2017 19:14	ARC
SW846 7471B	Metals, Total									
	Mercury	< 0.042	U	mg/kg dw	1	0.084	0.042		11/20/2017 19:46	SH
SW846 8081B	Organochlorine Pesticides									
	2,4,5,6 Tetrachloro-m-xylene(surr)	63.3		%	1			60-140	11/30/2017 08:17	
	Decachlorobiphenyl(surr)	80.0		%	1			60-140	11/30/2017 08:17	
SW846 8081B	Organochlorine Pesticides									
	4,4-DDD	< 0.63	U	ug/kg dw	1	1.26	0.63		11/30/2017 08:17	
	4,4-DDE	< 0.63	U	ug/kg dw	1	1.26	0.63		11/30/2017 08:17	
	4,4-DDT	< 0.63	U	ug/kg dw	1	1.26	0.63		11/30/2017 08:17	
	a-BHC	< 0.63	U	ug/kg dw	1	1.26	0.63		11/30/2017 08:17	
	a-Chlordane	< 0.63	U	ug/kg dw	1	1.26	0.63		11/30/2017 08:17	
	Aldrin	< 0.63	U	ug/kg dw	1	1.26	0.63		11/30/2017 08:17	
	b-BHC	< 0.63	U	ug/kg dw	1	1.26	0.63		11/30/2017 08:17	
	Chlordane	< 0.63	U	ug/kg dw	1	1.26	0.63		11/30/2017 08:17	
	d-BHC	< 0.63	U	ug/kg dw	1	1.26	0.63		11/30/2017 08:17	
	Dieldrin	< 0.63	U	ug/kg dw	1	1.26	0.63		11/30/2017 08:17	
	Endosulfan I	< 0.63	U	ug/kg dw	1	1.26	0.63		11/30/2017 08:17	
	Endosulfan II	< 0.63	U	ug/kg dw	1	1.26	0.63		11/30/2017 08:17	
	Endosulfan sulfate	< 0.63	U	ug/kg dw	1	1.26	0.63		11/30/2017 08:17	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.	Attn: Terence Cake
Project ID: GIWW Across Aransas Bay (5024)	

Job ID : 1711131	Sample Matrix: Sediment
Client Sample ID: GIC-AB-17-10-S	Date Collected: 11/07/2017
Job Sample ID: 1711131.27	Time Collected: 12:40
Other Information: Grab - Sediment	

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8081B	Organochlorine Pesticides		Batch ID: Qb17120103	Prep Info: PB17120102			SW846 3570		11/21/2017 13:01	
	Endrin	< 0.63	U	ug/kg dw	1	1.26	0.63		11/30/2017 08:17	
	Endrin aldehyde	< 0.63	U	ug/kg dw	1	1.26	0.63		11/30/2017 08:17	
	Endrin ketone	< 0.63	U	ug/kg dw	1	1.26	0.63		11/30/2017 08:17	
	g-BHC	< 0.63	U	ug/kg dw	1	1.26	0.63		11/30/2017 08:17	
	Heptachlor	< 0.63	U	ug/kg dw	1	1.26	0.63		11/30/2017 08:17	
	Heptachlor epoxide	< 0.63	U	ug/kg dw	1	1.26	0.63		11/30/2017 08:17	
	Toxaphene	< 0.63	U	ug/kg dw	1	1.26	0.63		11/30/2017 08:17	
	γ-Chlordane	< 0.63	U	ug/kg dw	1	1.26	0.63		11/30/2017 08:17	
SW846 8082A	Polychlorinated Biphenyls		Batch ID:	Prep Info:						
	2,4,5,6 Tetrachloro-m-xylene(surr)	84.5		%	1			60-140	12/01/2017 06:36	
	Decachlorobiphenyl(surr)	79.7		%	1			60-140	12/01/2017 06:36	
SW846 8082A	Polychlorinated Biphenyls		Batch ID: Qb17112116	Prep Info: PB17112113			SW846 3570		11/20/2017 12:56	
	Total PCBs	< 4.20	U	ug/kg dw	1	8.40	4.20		12/01/2017 06:36	
SW846 8270D	Semivolatile Organic Compounds		Batch ID:	Prep Info:						
	2,4,6-Tribromophenol(surr)	91.1		%	1			60-140	12/01/2017 03:39	
	2-Fluorobiphenyl(surr)	33.3	S	%	1			60-140	12/01/2017 03:39	
	2-Fluorophenol(surr)	32.5	S	%	1			60-140	12/01/2017 03:39	
	Nitrobenzene-d5(surr)	47.1	S	%	1			60-140	12/01/2017 03:39	
	Phenol-d5(surr)	48.2	S	%	1			60-140	12/01/2017 03:39	
	Terphenyl-d14(surr)	23.5	S	%	1			60-140	12/01/2017 03:39	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-10-S
Job Sample ID: 1711131.27
Other Information: Grab - Sediment

Sample Matrix: Sediment
Date Collected: 11/07/2017
Time Collected: 12:40

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121914	Prep Info:	PB17121905	SW846 3570		11/21/2017 11:12	EM
	1,2,4-Trichlorobenzene	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	
	1,2-Dichlorobenzene	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	
	1,2-Diphenylhydrazine as Azobenzene	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	
	1,3-Dichlorobenzene	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	
	1,4-Dichlorobenzene	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	
	2,4,6-Trichlorophenol	< 10.5	U	ug/kg dw	1	21.0	10.5		12/01/2017 03:39	
	2,4-Dichlorophenol	< 10.5	U	ug/kg dw	1	21.0	10.5		12/01/2017 03:39	
	2,4-Dimethylphenol	< 10.5	U	ug/kg dw	1	21.0	10.5		12/01/2017 03:39	
	2,4-Dinitrophenol	< 168	U	ug/kg dw	1	336	168		12/01/2017 03:39	
	2,4-Dinitrotoluene	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	
	2,6-Dinitrotoluene	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	
	2-Chloronaphthalene	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	
	2-Chlorophenol	< 10.5	U	ug/kg dw	1	21.0	10.5		12/01/2017 03:39	
	2-Nitrophenol	< 10.5	U	ug/kg dw	1	21.0	10.5		12/01/2017 03:39	
	3,3-Dichlorobenzidine	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	
	4,6-Dinitro-2-methylphenol	< 42.0	U	ug/kg dw	1	84.0	42.0		12/01/2017 03:39	
	4-Bromophenyl phenyl ether	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	
	4-Chloro-3-methylphenol	< 10.5	U	ug/kg dw	1	21.0	10.5		12/01/2017 03:39	
	4-Chlorophenyl phenyl ether	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	
	4-Nitrophenol	< 10.5	U	ug/kg dw	1	21.0	10.5		12/01/2017 03:39	
	Acenaphthene	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-10-S
 Job Sample ID: 1711131.27
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 12:40

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121914	Prep Info:	PB17121905	SW846 3570		11/21/2017 11:12	EM
	Acenaphthylene	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	
	Anthracene	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	
	Benzidine	< 2.50	U	ug/kg dw	1	21.0	2.50		12/01/2017 03:39	
	Benzo(a)anthracene	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	
	Benzo(a)pyrene	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	
	benzo(b&k)fluoranthene	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	
	Benzo(b)fluoranthene	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	
	Benzo(g,h,i)perylene	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	
	Benzo(k)fluoranthene	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	
	Bis(2-chloroethoxy) methane	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	
	Bis(2-chloroethyl) ether	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	
	Bis(2-chloroisopropyl) ether	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	
	Bis(2-ethylhexyl)phthalate	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	
	Butyl benzyl phthalate	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	
	Chrysene	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	
	Dibenzo(a,h)anthracene	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	
	Diethyl phthalate	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	
	Dimethyl phthalate	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	
	Di-n-butyl phthalate	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	
	Di-n-octyl Phthalate	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	
	Fluoranthene	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-10-S
 Job Sample ID: 1711131.27
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 12:40

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121914	Prep Info:	PB17121905	SW846 3570		11/21/2017 11:12	EM
	Fluorene	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	
	Hexachlorobenzene	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	
	Hexachlorobutadiene	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	
	Hexachlorocyclopentadiene	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	
	Hexachloroethane	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	
	Indeno(1,2,3-cd)pyrene	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	
	Isophorone	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	
	Naphthalene	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	
	Nitrobenzene	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	
	n-Nitrosodimethylamine	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	
	n-nitroso-di-n-propylamine	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	
	n-Nitrosodiphenylamine	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	
	Pentachlorophenol	< 10.5	U	ug/kg dw	1	21.0	10.5		12/01/2017 03:39	
	Phenanthrene	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	
	Phenol	< 10.5	U	ug/kg dw	1	21.0	10.5		12/01/2017 03:39	
	Pyrene	< 5.25	U	ug/kg dw	1	10.5	5.25		12/01/2017 03:39	
SW846 9014	Suite III									
			Batch ID:	Qb17121924	Prep Info:	PB17121909	SW846 9010C		11/15/2017 19:11	ARC
	Cyanide, Total	< 1.05	U	mg/kg dw	1	2.10	1.05		11/15/2017 21:40	ARC
SW846 9060A	Suite III									
			Batch ID:	Qb17121923	Prep Info:					
	Total Organic Carbon	3.90		%	1	0.210	0.105		11/21/2017 19:18	ARC

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-10-S
 Job Sample ID: 1711131.27
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 12:40

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctadecane(surr)	87.2		%	1			75-125	11/22/2017 20:20	EM
	1-Chlorooctane(surr)	95.3		%	1			75-125	11/22/2017 20:20	EM
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID: Qb17120119		Prep Info: PB17120110		TCEQ 1005		11/18/2017 17:30	EM
	TPH, C6-C35	< 42.0	U	mg/kg dw	1	210	42.0		11/22/2017 20:20	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-11-S
 Job Sample ID: 1711131.28
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 12:05

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
Calculation	Chromium, Trivalent									
	Trivalent Chromium	12.9		mg/kg dw	1	3.85	1.92		12/29/2017 13:36	MM
EPA 200.8	Metals, Total									
	Antimony	< 0.192	U	mg/kg dw	1	0.385	0.192		11/20/2017 17:51	CL
	Arsenic	3.70		mg/kg dw	1	0.192	0.019		11/20/2017 17:51	CL
	Beryllium	0.738		mg/kg dw	1	0.077	0.004		11/20/2017 17:51	CL
	Cadmium	0.131	J	mg/kg dw	1	0.385	0.019		11/20/2017 17:51	CL
	Chromium	12.9		mg/kg dw	1	1.15	0.058		11/20/2017 17:51	CL
	Copper	7.15		mg/kg dw	1	0.769	0.077		11/20/2017 17:51	CL
	Lead	15.1		mg/kg dw	5	0.962	0.096		11/20/2017 17:56	CL
	Nickel	9.92		mg/kg dw	1	0.769	0.038		11/20/2017 17:51	CL
	Selenium	1.80		mg/kg dw	1	0.769	0.385		11/20/2017 17:51	CL
	Silver	0.050	J	mg/kg dw	1	0.192	0.0096		11/20/2017 17:51	CL
	Thallium	0.146	J	mg/kg dw	5	0.962	0.0481		11/20/2017 17:56	CL
	Zinc	32.7		mg/kg dw	1	0.769	0.385		11/20/2017 17:51	CL
EPA 350.2	Suite III									
	Ammonia as N	204	J	mg/kg dw	1	385	76.9		11/14/2017 10:19	ARC
SM 2540 G	Percent Moisture									
	% Moisture	74.0		%	1	1.00	0.010		12/29/2017 13:35	MM
SM 2540 G	Solids, Total									
	% Solids	26.0		%	1	1.00	0.010		11/10/2017 13:00	ARC

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-11-S
 Job Sample ID: 1711131.28
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 12:05

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 7196A	Metals, Total									
	Chromium, Hexavalent	< 1.92	U	mg/kg dw	1	3.85	1.92		11/27/2017 19:14	ARC
SW846 7471B	Metals, Total									
	Mercury	< 0.038	U	mg/kg dw	1	0.077	0.038		11/20/2017 19:49	SH
SW846 8081B	Organochlorine Pesticides									
	2,4,5,6 Tetrachloro-m-xylene(surr)	57.5	S	%	1			60-140	11/30/2017 08:41	
	Decachlorobiphenyl(surr)	78.7		%	1			60-140	11/30/2017 08:41	
SW846 8081B	Organochlorine Pesticides									
	4,4-DDD	< 0.577	U	ug/kg dw	1	1.15	0.577		11/30/2017 08:41	
	4,4-DDE	< 0.577	U	ug/kg dw	1	1.15	0.577		11/30/2017 08:41	
	4,4-DDT	< 0.577	U	ug/kg dw	1	1.15	0.577		11/30/2017 08:41	
	a-BHC	< 0.577	U	ug/kg dw	1	1.15	0.577		11/30/2017 08:41	
	a-Chlordane	< 0.577	U	ug/kg dw	1	1.15	0.577		11/30/2017 08:41	
	Aldrin	< 0.577	U	ug/kg dw	1	1.15	0.577		11/30/2017 08:41	
	b-BHC	< 0.577	U	ug/kg dw	1	1.15	0.577		11/30/2017 08:41	
	Chlordane	< 0.577	U	ug/kg dw	1	1.15	0.577		11/30/2017 08:41	
	d-BHC	< 0.577	U	ug/kg dw	1	1.15	0.577		11/30/2017 08:41	
	Dieldrin	< 0.577	U	ug/kg dw	1	1.15	0.577		11/30/2017 08:41	
	Endosulfan I	< 0.577	U	ug/kg dw	1	1.15	0.577		11/30/2017 08:41	
	Endosulfan II	< 0.577	U	ug/kg dw	1	1.15	0.577		11/30/2017 08:41	
	Endosulfan sulfate	< 0.577	U	ug/kg dw	1	1.15	0.577		11/30/2017 08:41	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-11-S
Job Sample ID: 1711131.28
Other Information: Grab - Sediment

Sample Matrix: Sediment
Date Collected: 11/07/2017
Time Collected: 12:05

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8081B	Organochlorine Pesticides									
			Batch ID:	Qb17120103	Prep Info:	PB17120102	SW846 3570		11/21/2017 13:01	
	Endrin	< 0.577	U	ug/kg dw	1	1.15	0.577		11/30/2017 08:41	
	Endrin aldehyde	< 0.577	U	ug/kg dw	1	1.15	0.577		11/30/2017 08:41	
	Endrin ketone	< 0.577	U	ug/kg dw	1	1.15	0.577		11/30/2017 08:41	
	g-BHC	< 0.577	U	ug/kg dw	1	1.15	0.577		11/30/2017 08:41	
	Heptachlor	< 0.577	U	ug/kg dw	1	1.15	0.577		11/30/2017 08:41	
	Heptachlor epoxide	0.648	J, P	ug/kg dw	1	1.15	0.577		11/30/2017 08:41	
	Toxaphene	< 0.577	U	ug/kg dw	1	1.15	0.577		11/30/2017 08:41	
	γ-Chlordane	< 0.577	U	ug/kg dw	1	1.15	0.577		11/30/2017 08:41	
SW846 8082A	Polychlorinated Biphenyls		Batch ID:		Prep Info:					
	2,4,5,6 Tetrachloro-m-xylene(surr)	92.8		%	1			60-140	12/01/2017 07:00	
	Decachlorobiphenyl(surr)	84.2		%	1			60-140	12/01/2017 07:00	
SW846 8082A	Polychlorinated Biphenyls		Batch ID:	Qb17112116	Prep Info:	PB17112113	SW846 3570		11/20/2017 12:56	
	Total PCBs	< 3.85	U	ug/kg dw	1	7.69	3.85		12/01/2017 07:00	
SW846 8270D	Semivolatile Organic Compounds		Batch ID:		Prep Info:					
	2,4,6-Tribromophenol(surr)	75.8		%	1			60-140	12/01/2017 04:16	
	2-Fluorobiphenyl(surr)	27.4	S	%	1			60-140	12/01/2017 04:16	
	2-Fluorophenol(surr)	43.8	S	%	1			60-140	12/01/2017 04:16	
	Nitrobenzene-d5(surr)	50.7	S	%	1			60-140	12/01/2017 04:16	
	Phenol-d5(surr)	56.7	S	%	1			60-140	12/01/2017 04:16	
	Terphenyl-d14(surr)	22.9	S	%	1			60-140	12/01/2017 04:16	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-11-S
 Job Sample ID: 1711131.28
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 12:05

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121914	Prep Info:	PB17121905	SW846 3570		11/21/2017 11:12	EM
	1,2,4-Trichlorobenzene	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	
	1,2-Dichlorobenzene	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	
	1,2-Diphenylhydrazine as Azobenzene	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	
	1,3-Dichlorobenzene	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	
	1,4-Dichlorobenzene	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	
	2,4,6-Trichlorophenol	< 9.62	U	ug/kg dw	1	19.2	9.62		12/01/2017 04:16	
	2,4-Dichlorophenol	< 9.62	U	ug/kg dw	1	19.2	9.62		12/01/2017 04:16	
	2,4-Dimethylphenol	< 9.62	U	ug/kg dw	1	19.2	9.62		12/01/2017 04:16	
	2,4-Dinitrophenol	< 154	U	ug/kg dw	1	308	154		12/01/2017 04:16	
	2,4-Dinitrotoluene	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	
	2,6-Dinitrotoluene	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	
	2-Chloronaphthalene	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	
	2-Chlorophenol	< 9.62	U	ug/kg dw	1	19.2	9.62		12/01/2017 04:16	
	2-Nitrophenol	< 9.62	U	ug/kg dw	1	19.2	9.62		12/01/2017 04:16	
	3,3-Dichlorobenzidine	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	
	4,6-Dinitro-2-methylphenol	< 38.5	U	ug/kg dw	1	76.9	38.5		12/01/2017 04:16	
	4-Bromophenyl phenyl ether	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	
	4-Chloro-3-methylphenol	< 9.62	U	ug/kg dw	1	19.2	9.62		12/01/2017 04:16	
	4-Chlorophenyl phenyl ether	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	
	4-Nitrophenol	< 9.62	U	ug/kg dw	1	19.2	9.62		12/01/2017 04:16	
	Acenaphthene	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-11-S
Job Sample ID: 1711131.28
Other Information: Grab - Sediment

Sample Matrix: Sediment
Date Collected: 11/07/2017
Time Collected: 12:05

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121914	Prep Info:	PB17121905	SW846 3570		11/21/2017 11:12	EM
	Acenaphthylene	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	
	Anthracene	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	
	Benzidine	< 2.28	U	ug/kg dw	1	19.2	2.28		12/01/2017 04:16	
	Benzo(a)anthracene	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	
	Benzo(a)pyrene	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	
	benzo(b&k)fluoranthene	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	
	Benzo(b)fluoranthene	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	
	Benzo(g,h,i)perylene	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	
	Benzo(k)fluoranthene	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	
	Bis(2-chloroethoxy) methane	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	
	Bis(2-chloroethyl) ether	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	
	Bis(2-chloroisopropyl) ether	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	
	Bis(2-ethylhexyl)phthalate	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	
	Butyl benzyl phthalate	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	
	Chrysene	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	
	Dibenzo(a,h)anthracene	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	
	Diethyl phthalate	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	
	Dimethyl phthalate	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	
	Di-n-butyl phthalate	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	
	Di-n-octyl Phthalate	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	
	Fluoranthene	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-11-S
Job Sample ID: 1711131.28
Other Information: Grab - Sediment

Sample Matrix: Sediment
Date Collected: 11/07/2017
Time Collected: 12:05

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121914	Prep Info:	PB17121905	SW846 3570		11/21/2017 11:12	EM
	Fluorene	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	
	Hexachlorobenzene	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	
	Hexachlorobutadiene	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	
	Hexachlorocyclopentadiene	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	
	Hexachloroethane	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	
	Indeno(1,2,3-cd)pyrene	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	
	Isophorone	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	
	Naphthalene	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	
	Nitrobenzene	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	
	n-Nitrosodimethylamine	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	
	n-nitroso-di-n-propylamine	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	
	n-Nitrosodiphenylamine	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	
	Pentachlorophenol	< 9.62	U	ug/kg dw	1	19.2	9.62		12/01/2017 04:16	
	Phenanthrene	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	
	Phenol	< 9.62	U	ug/kg dw	1	19.2	9.62		12/01/2017 04:16	
	Pyrene	< 4.81	U	ug/kg dw	1	9.62	4.81		12/01/2017 04:16	
SW846 9014	Suite III									
			Batch ID:	Qb17121924	Prep Info:	PB17121909	SW846 9010C		11/15/2017 19:11	ARC
	Cyanide, Total	< 0.96	U	mg/kg dw	1	1.92	0.96		11/15/2017 21:40	ARC
SW846 9060A	Suite III									
			Batch ID:	Qb17121923	Prep Info:					
	Total Organic Carbon	3.53		%	1	0.190	0.096		11/21/2017 19:18	ARC

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-11-S
 Job Sample ID: 1711131.28
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 12:05

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctadecane(surr)	84.5		%	1			75-125	11/22/2017 20:45	EM
	1-Chlorooctane(surr)	90.0		%	1			75-125	11/22/2017 20:45	EM
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID: Qb17120119		Prep Info: PB17120110		TCEQ 1005		11/18/2017 17:30	EM
	TPH, C6-C35	< 38.5	U	mg/kg dw	1	192	38.5		11/22/2017 20:45	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-12-S
 Job Sample ID: 1711131.29
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 12:20

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
Calculation	Chromium, Trivalent									
	Trivalent Chromium	12.9		mg/kg dw	1	3.55	1.77		12/29/2017 13:36	MM
EPA 200.8	Metals, Total									
	Antimony	< 0.177	U	mg/kg dw	1	0.355	0.177		11/21/2017 12:28	CL
	Arsenic	4.18		mg/kg dw	1	0.177	0.018		11/21/2017 12:28	CL
	Beryllium	0.787		mg/kg dw	1	0.071	0.004		11/21/2017 12:28	CL
	Cadmium	0.138	J	mg/kg dw	1	0.355	0.018		11/21/2017 12:28	CL
	Chromium	12.9		mg/kg dw	1	1.06	0.053		11/21/2017 12:28	CL
	Copper	7.73		mg/kg dw	1	0.709	0.071		11/21/2017 12:28	CL
	Lead	14.5		mg/kg dw	5	0.887	0.089		11/21/2017 12:33	CL
	Nickel	10.4		mg/kg dw	1	0.709	0.035		11/21/2017 12:28	CL
	Selenium	1.55		mg/kg dw	1	0.709	0.355		11/21/2017 12:28	CL
	Silver	0.0461	J	mg/kg dw	1	0.177	0.0089		11/21/2017 12:28	CL
	Thallium	0.131	J	mg/kg dw	1	0.177	0.0089		11/21/2017 12:28	CL
	Zinc	34.5		mg/kg dw	1	0.709	0.355		11/21/2017 12:28	CL
EPA 350.2	Suite III									
	Ammonia as N	223	J	mg/kg dw	1	355	70.9		11/14/2017 10:19	ARC
SM 2540 G	Percent Moisture									
	% Moisture	71.8		%	1	1.00	0.010		12/29/2017 13:35	MM
SM 2540 G	Solids, Total									
	% Solids	28.2		%	1	1.00	0.010		11/10/2017 13:00	ARC

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-12-S
 Job Sample ID: 1711131.29
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 12:20

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 7196A	Metals, Total									
	Chromium, Hexavalent	< 1.77	U	mg/kg dw	1	3.55	1.77		11/27/2017 19:14	ARC
SW846 7471B	Metals, Total									
	Mercury	0.0355	J	mg/kg dw	1	0.071	0.035		11/20/2017 19:53	SH
SW846 8081B	Organochlorine Pesticides									
	2,4,5,6 Tetrachloro-m-xylene(surr)	63.2		%	1			60-140	11/30/2017 09:04	
	Decachlorobiphenyl(surr)	76.2		%	1			60-140	11/30/2017 09:04	
SW846 8081B	Organochlorine Pesticides									
	4,4-DDD	< 0.532	U	ug/kg dw	1	1.06	0.532		11/30/2017 09:04	
	4,4-DDE	< 0.532	U	ug/kg dw	1	1.06	0.532		11/30/2017 09:04	
	4,4-DDT	< 0.532	U	ug/kg dw	1	1.06	0.532		11/30/2017 09:04	
	a-BHC	< 0.532	U	ug/kg dw	1	1.06	0.532		11/30/2017 09:04	
	a-Chlordane	< 0.532	U	ug/kg dw	1	1.06	0.532		11/30/2017 09:04	
	Aldrin	< 0.532	U	ug/kg dw	1	1.06	0.532		11/30/2017 09:04	
	b-BHC	< 0.532	U	ug/kg dw	1	1.06	0.532		11/30/2017 09:04	
	Chlordane	< 0.532	U	ug/kg dw	1	1.06	0.532		11/30/2017 09:04	
	d-BHC	< 0.532	U	ug/kg dw	1	1.06	0.532		11/30/2017 09:04	
	Dieldrin	< 0.532	U	ug/kg dw	1	1.06	0.532		11/30/2017 09:04	
	Endosulfan I	< 0.532	U	ug/kg dw	1	1.06	0.532		11/30/2017 09:04	
	Endosulfan II	< 0.532	U	ug/kg dw	1	1.06	0.532		11/30/2017 09:04	
	Endosulfan sulfate	< 0.532	U	ug/kg dw	1	1.06	0.532		11/30/2017 09:04	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.	Attn: Terence Cake
Project ID: GIWW Across Aransas Bay (5024)	

Job ID : 1711131	Sample Matrix: Sediment
Client Sample ID: GIC-AB-17-12-S	Date Collected: 11/07/2017
Job Sample ID: 1711131.29	Time Collected: 12:20
Other Information: Grab - Sediment	

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8081B	Organochlorine Pesticides									
			Batch ID: Qb17120103		Prep Info: PB17120102		SW846 3570		11/21/2017 13:01	
	Endrin	< 0.532	U	ug/kg dw	1	1.06	0.532		11/30/2017 09:04	
	Endrin aldehyde	< 0.532	U	ug/kg dw	1	1.06	0.532		11/30/2017 09:04	
	Endrin ketone	< 0.532	U	ug/kg dw	1	1.06	0.532		11/30/2017 09:04	
	g-BHC	< 0.532	U	ug/kg dw	1	1.06	0.532		11/30/2017 09:04	
	Heptachlor	< 0.532	U	ug/kg dw	1	1.06	0.532		11/30/2017 09:04	
	Heptachlor epoxide	0.589	J, P	ug/kg dw	1	1.06	0.532		11/30/2017 09:04	
	Toxaphene	< 0.532	U	ug/kg dw	1	1.06	0.532		11/30/2017 09:04	
	γ-Chlordane	< 0.532	U	ug/kg dw	1	1.06	0.532		11/30/2017 09:04	
SW846 8082A	Polychlorinated Biphenyls									
			Batch ID:		Prep Info:					
	2,4,5,6 Tetrachloro-m-xylene(surr)	79.2		%	1			60-140	12/01/2017 07:25	
	Decachlorobiphenyl(surr)	75.2		%	1			60-140	12/01/2017 07:25	
SW846 8082A	Polychlorinated Biphenyls									
			Batch ID: Qb17112116		Prep Info: PB17112113		SW846 3570		11/20/2017 12:56	
	Total PCBs	< 3.55	U	ug/kg dw	1	7.09	3.55		12/01/2017 07:25	
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:		Prep Info:					
	2,4,6-Tribromophenol(surr)	92.5		%	1			60-140	12/01/2017 04:52	
	2-Fluorobiphenyl(surr)	29.9	S	%	1			60-140	12/01/2017 04:52	
	2-Fluorophenol(surr)	39.5	S	%	1			60-140	12/01/2017 04:52	
	Nitrobenzene-d5(surr)	51.0	S	%	1			60-140	12/01/2017 04:52	
	Phenol-d5(surr)	55.2	S	%	1			60-140	12/01/2017 04:52	
	Terphenyl-d14(surr)	21.4	S	%	1			60-140	12/01/2017 04:52	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-12-S
 Job Sample ID: 1711131.29
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 12:20

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121914	Prep Info:	PB17121905	SW846 3570		11/21/2017 11:12	EM
	1,2,4-Trichlorobenzene	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	
	1,2-Dichlorobenzene	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	
	1,2-Diphenylhydrazine as Azobenzene	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	
	1,3-Dichlorobenzene	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	
	1,4-Dichlorobenzene	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	
	2,4,6-Trichlorophenol	< 8.87	U	ug/kg dw	1	17.7	8.87		12/01/2017 04:52	
	2,4-Dichlorophenol	< 8.87	U	ug/kg dw	1	17.7	8.87		12/01/2017 04:52	
	2,4-Dimethylphenol	< 8.87	U	ug/kg dw	1	17.7	8.87		12/01/2017 04:52	
	2,4-Dinitrophenol	< 142	U	ug/kg dw	1	284	142		12/01/2017 04:52	
	2,4-Dinitrotoluene	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	
	2,6-Dinitrotoluene	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	
	2-Chloronaphthalene	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	
	2-Chlorophenol	< 8.87	U	ug/kg dw	1	17.7	8.87		12/01/2017 04:52	
	2-Nitrophenol	< 8.87	U	ug/kg dw	1	17.7	8.87		12/01/2017 04:52	
	3,3-Dichlorobenzidine	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	
	4,6-Dinitro-2-methylphenol	< 35.5	U	ug/kg dw	1	70.9	35.5		12/01/2017 04:52	
	4-Bromophenyl phenyl ether	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	
	4-Chloro-3-methylphenol	< 8.87	U	ug/kg dw	1	17.7	8.87		12/01/2017 04:52	
	4-Chlorophenyl phenyl ether	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	
	4-Nitrophenol	< 8.87	U	ug/kg dw	1	17.7	8.87		12/01/2017 04:52	
	Acenaphthene	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-12-S
 Job Sample ID: 1711131.29
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 12:20

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121914	Prep Info:	PB17121905	SW846 3570		11/21/2017 11:12	EM
	Acenaphthylene	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	
	Anthracene	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	
	Benzidine	< 2.11	U	ug/kg dw	1	17.7	2.11		12/01/2017 04:52	
	Benzo(a)anthracene	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	
	Benzo(a)pyrene	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	
	benzo(b&k)fluoranthene	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	
	Benzo(b)fluoranthene	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	
	Benzo(g,h,i)perylene	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	
	Benzo(k)fluoranthene	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	
	Bis(2-chloroethoxy) methane	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	
	Bis(2-chloroethyl) ether	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	
	Bis(2-chloroisopropyl) ether	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	
	Bis(2-ethylhexyl)phthalate	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	
	Butyl benzyl phthalate	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	
	Chrysene	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	
	Dibenzo(a,h)anthracene	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	
	Diethyl phthalate	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	
	Dimethyl phthalate	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	
	Di-n-butyl phthalate	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	
	Di-n-octyl Phthalate	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	
	Fluoranthene	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-12-S
Job Sample ID: 1711131.29
Other Information: Grab - Sediment

Sample Matrix: Sediment
Date Collected: 11/07/2017
Time Collected: 12:20

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121914	Prep Info:	PB17121905	SW846 3570		11/21/2017 11:12	EM
	Fluorene	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	
	Hexachlorobenzene	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	
	Hexachlorobutadiene	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	
	Hexachlorocyclopentadiene	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	
	Hexachloroethane	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	
	Indeno(1,2,3-cd)pyrene	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	
	Isophorone	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	
	Naphthalene	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	
	Nitrobenzene	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	
	n-Nitrosodimethylamine	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	
	n-nitroso-di-n-propylamine	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	
	n-Nitrosodiphenylamine	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	
	Pentachlorophenol	< 8.87	U	ug/kg dw	1	17.7	8.87		12/01/2017 04:52	
	Phenanthrene	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	
	Phenol	< 8.87	U	ug/kg dw	1	17.7	8.87		12/01/2017 04:52	
	Pyrene	< 4.43	U	ug/kg dw	1	8.87	4.43		12/01/2017 04:52	
SW846 9014	Suite III									
			Batch ID:	Qb17121924	Prep Info:	PB17121909	SW846 9010C		11/15/2017 19:11	ARC
	Cyanide, Total	< 0.89	U	mg/kg dw	1	1.77	0.89		11/15/2017 21:40	ARC
SW846 9060A	Suite III									
			Batch ID:	Qb17121923	Prep Info:					
	Total Organic Carbon	3.07		%	1	0.180	0.089		11/21/2017 19:18	ARC

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-12-S
 Job Sample ID: 1711131.29
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 12:20

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctadecane(surr)	77.5		%	1			75-125	11/22/2017 21:10	EM
	1-Chlorooctane(surr)	80.5		%	1			75-125	11/22/2017 21:10	EM
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID: Qb17120119		Prep Info: PB17120110		TCEQ 1005		11/18/2017 17:30	EM
	TPH, C6-C35	< 35.5	U	mg/kg dw	1	177	35.5		11/22/2017 21:10	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-13-S
 Job Sample ID: 1711131.30
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 11:18

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
Calculation	Chromium, Trivalent									
			Batch ID: Qb17122903		Prep Info:					
	Trivalent Chromium	14.8		mg/kg dw	1	4.18	2.09		12/29/2017 13:36	MM
EPA 200.8	Metals, Total							EPA 200.2	11/20/2017 11:16	CL
	Antimony	< 0.209	U	mg/kg dw	1	0.418	0.209		11/21/2017 13:36	CL
	Arsenic	3.75		mg/kg dw	1	0.209	0.021		11/21/2017 13:36	CL
	Beryllium	0.841		mg/kg dw	1	0.084	0.004		11/21/2017 13:36	CL
	Cadmium	0.138	J	mg/kg dw	1	0.418	0.021		11/21/2017 13:36	CL
	Chromium	14.8		mg/kg dw	1	1.25	0.063		11/21/2017 13:36	CL
	Copper	7.95		mg/kg dw	1	0.837	0.084		11/21/2017 13:36	CL
	Lead	15.6		mg/kg dw	5	1.05	0.105		11/21/2017 13:41	CL
	Nickel	11.2		mg/kg dw	1	0.837	0.042		11/21/2017 13:36	CL
	Selenium	1.57		mg/kg dw	1	0.837	0.418		11/21/2017 13:36	CL
	Silver	0.0502	J	mg/kg dw	1	0.209	0.0105		11/21/2017 13:36	CL
	Thallium	0.142	J	mg/kg dw	1	0.209	0.0105		11/21/2017 13:36	CL
	Zinc	36.9		mg/kg dw	1	0.837	0.418		11/21/2017 13:36	CL
EPA 350.2	Suite III									
	Ammonia as N	184	J	mg/kg dw	1	418	83.7		11/14/2017 10:19	ARC
SM 2540 G	Percent Moisture									
	% Moisture	76.1		%	1	1.00	0.010		12/29/2017 13:35	MM
SM 2540 G	Solids, Total									
	% Solids	23.9		%	1	1.00	0.010		11/10/2017 13:00	ARC

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-13-S
 Job Sample ID: 1711131.30
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 11:18

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 7196A	Metals, Total									
	Chromium, Hexavalent	< 2.09	U	mg/kg dw	1	4.18	2.09		11/27/2017 19:14	ARC
SW846 7471B	Metals, Total									
	Mercury	< 0.042	U	mg/kg dw	1	0.084	0.042		11/20/2017 20:03	SH
SW846 8081B	Organochlorine Pesticides									
	2,4,5,6 Tetrachloro-m-xylene(surr)	72.5		%	1			60-140	11/30/2017 09:27	
	Decachlorobiphenyl(surr)	80.3		%	1			60-140	11/30/2017 09:27	
SW846 8081B	Organochlorine Pesticides									
	4,4-DDD	< 0.628	U	ug/kg dw	1	1.25	0.628		11/30/2017 09:27	
	4,4-DDE	< 0.628	U	ug/kg dw	1	1.25	0.628		11/30/2017 09:27	
	4,4-DDT	< 0.628	U	ug/kg dw	1	1.25	0.628		11/30/2017 09:27	
	a-BHC	< 0.628	U	ug/kg dw	1	1.25	0.628		11/30/2017 09:27	
	a-Chlordane	< 0.628	U	ug/kg dw	1	1.25	0.628		11/30/2017 09:27	
	Aldrin	< 0.628	U	ug/kg dw	1	1.25	0.628		11/30/2017 09:27	
	b-BHC	< 0.628	U	ug/kg dw	1	1.25	0.628		11/30/2017 09:27	
	Chlordane	< 0.628	U	ug/kg dw	1	1.25	0.628		11/30/2017 09:27	
	d-BHC	< 0.628	U	ug/kg dw	1	1.25	0.628		11/30/2017 09:27	
	Dieldrin	< 0.628	U	ug/kg dw	1	1.25	0.628		11/30/2017 09:27	
	Endosulfan I	< 0.628	U	ug/kg dw	1	1.25	0.628		11/30/2017 09:27	
	Endosulfan II	< 0.628	U	ug/kg dw	1	1.25	0.628		11/30/2017 09:27	
	Endosulfan sulfate	< 0.628	U	ug/kg dw	1	1.25	0.628		11/30/2017 09:27	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-13-S
Job Sample ID: 1711131.30
Other Information: Grab - Sediment

Sample Matrix: Sediment
Date Collected: 11/07/2017
Time Collected: 11:18

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8081B	Organochlorine Pesticides									
			Batch ID:	Qb17120103	Prep Info:	PB17120102	SW846 3570		11/21/2017 13:01	
	Endrin	< 0.628	U	ug/kg dw	1	1.25	0.628		11/30/2017 09:27	
	Endrin aldehyde	< 0.628	U	ug/kg dw	1	1.25	0.628		11/30/2017 09:27	
	Endrin ketone	< 0.628	U	ug/kg dw	1	1.25	0.628		11/30/2017 09:27	
	g-BHC	< 0.628	U	ug/kg dw	1	1.25	0.628		11/30/2017 09:27	
	Heptachlor	< 0.628	U	ug/kg dw	1	1.25	0.628		11/30/2017 09:27	
	Heptachlor epoxide	< 0.628	U	ug/kg dw	1	1.25	0.628		11/30/2017 09:27	
	Toxaphene	< 0.628	U	ug/kg dw	1	1.25	0.628		11/30/2017 09:27	
	γ-Chlordane	< 0.628	U	ug/kg dw	1	1.25	0.628		11/30/2017 09:27	
SW846 8082A	Polychlorinated Biphenyls		Batch ID:		Prep Info:					
	2,4,5,6 Tetrachloro-m-xylene(surr)	96.0		%	1			60-140	12/01/2017 07:49	
	Decachlorobiphenyl(surr)	82.7		%	1			60-140	12/01/2017 07:49	
SW846 8082A	Polychlorinated Biphenyls		Batch ID:	Qb17112116	Prep Info:	PB17112113	SW846 3570		11/20/2017 12:56	
	Total PCBs	< 4.18	U	ug/kg dw	1	8.37	4.18		12/01/2017 07:49	
SW846 8270D	Semivolatile Organic Compounds		Batch ID:		Prep Info:					
	2,4,6-Tribromophenol(surr)	112		%	1			60-140	12/01/2017 05:28	
	2-Fluorobiphenyl(surr)	35.9	S	%	1			60-140	12/01/2017 05:28	
	2-Fluorophenol(surr)	53.9	S	%	1			60-140	12/01/2017 05:28	
	Nitrobenzene-d5(surr)	59.0	S	%	1			60-140	12/01/2017 05:28	
	Phenol-d5(surr)	45.2	S	%	1			60-140	12/01/2017 05:28	
	Terphenyl-d14(surr)	24.8	S	%	1			60-140	12/01/2017 05:28	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-13-S
 Job Sample ID: 1711131.30
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 11:18

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121914	Prep Info:	PB17121905	SW846 3570		11/21/2017 11:12	EM
	1,2,4-Trichlorobenzene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	
	1,2-Dichlorobenzene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	
	1,2-Diphenylhydrazine as Azobenzene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	
	1,3-Dichlorobenzene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	
	1,4-Dichlorobenzene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	
	2,4,6-Trichlorophenol	< 10.5	U	ug/kg dw	1	20.9	10.5		12/01/2017 05:28	
	2,4-Dichlorophenol	< 10.5	U	ug/kg dw	1	20.9	10.5		12/01/2017 05:28	
	2,4-Dimethylphenol	< 10.5	U	ug/kg dw	1	20.9	10.5		12/01/2017 05:28	
	2,4-Dinitrophenol	< 167	U	ug/kg dw	1	335	167		12/01/2017 05:28	
	2,4-Dinitrotoluene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	
	2,6-Dinitrotoluene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	
	2-Chloronaphthalene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	
	2-Chlorophenol	< 10.5	U	ug/kg dw	1	20.9	10.5		12/01/2017 05:28	
	2-Nitrophenol	< 10.5	U	ug/kg dw	1	20.9	10.5		12/01/2017 05:28	
	3,3-Dichlorobenzidine	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	
	4,6-Dinitro-2-methylphenol	< 41.8	U	ug/kg dw	1	83.7	41.8		12/01/2017 05:28	
	4-Bromophenyl phenyl ether	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	
	4-Chloro-3-methylphenol	< 10.5	U	ug/kg dw	1	20.9	10.5		12/01/2017 05:28	
	4-Chlorophenyl phenyl ether	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	
	4-Nitrophenol	< 10.5	U	ug/kg dw	1	20.9	10.5		12/01/2017 05:28	
	Acenaphthene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-13-S
Job Sample ID: 1711131.30
Other Information: Grab - Sediment

Sample Matrix: Sediment
Date Collected: 11/07/2017
Time Collected: 11:18

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121914	Prep Info:	PB17121905	SW846 3570		11/21/2017 11:12	EM
	Acenaphthylene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	
	Anthracene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	
	Benzidine	< 2.48	U	ug/kg dw	1	20.9	2.48		12/01/2017 05:28	
	Benzo(a)anthracene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	
	Benzo(a)pyrene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	
	benzo(b&k)fluoranthene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	
	Benzo(b)fluoranthene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	
	Benzo(g,h,i)perylene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	
	Benzo(k)fluoranthene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	
	Bis(2-chloroethoxy) methane	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	
	Bis(2-chloroethyl) ether	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	
	Bis(2-chloroisopropyl) ether	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	
	Bis(2-ethylhexyl)phthalate	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	
	Butyl benzyl phthalate	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	
	Chrysene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	
	Dibenzo(a,h)anthracene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	
	Diethyl phthalate	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	
	Dimethyl phthalate	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	
	Di-n-butyl phthalate	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	
	Di-n-octyl Phthalate	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	
	Fluoranthene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-13-S
Job Sample ID: 1711131.30
Other Information: Grab - Sediment

Sample Matrix: Sediment
Date Collected: 11/07/2017
Time Collected: 11:18

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121914	Prep Info:	PB17121905	SW846 3570		11/21/2017 11:12	EM
	Fluorene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	
	Hexachlorobenzene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	
	Hexachlorobutadiene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	
	Hexachlorocyclopentadiene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	
	Hexachloroethane	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	
	Indeno(1,2,3-cd)pyrene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	
	Isophorone	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	
	Naphthalene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	
	Nitrobenzene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	
	n-Nitrosodimethylamine	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	
	n-nitroso-di-n-propylamine	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	
	n-Nitrosodiphenylamine	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	
	Pentachlorophenol	< 10.5	U	ug/kg dw	1	20.9	10.5		12/01/2017 05:28	
	Phenanthrene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	
	Phenol	< 10.5	U	ug/kg dw	1	20.9	10.5		12/01/2017 05:28	
	Pyrene	< 5.23	U	ug/kg dw	1	10.5	5.23		12/01/2017 05:28	
SW846 9014	Suite III									
			Batch ID:	Qb17121924	Prep Info:	PB17121909	SW846 9010C		11/15/2017 19:11	ARC
	Cyanide, Total	< 1.05	U	mg/kg dw	1	2.09	1.05		11/15/2017 21:40	ARC
SW846 9060A	Suite III									
			Batch ID:	Qb17121923	Prep Info:					
	Total Organic Carbon	3.44		%	1	0.210	0.105		11/21/2017 19:18	ARC

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-13-S
 Job Sample ID: 1711131.30
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 11:18

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctadecane(surr)	75.3		%	1			75-125	11/22/2017 21:36	EM
	1-Chlorooctane(surr)	87.8		%	1			75-125	11/22/2017 21:36	EM
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID: Qb17120119		Prep Info: PB17120110		TCEQ 1005		11/18/2017 17:30	EM
	TPH, C6-C35	< 41.8	U	mg/kg dw	1	209	41.8		11/22/2017 21:36	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-14-S
 Job Sample ID: 1711131.31
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 11:09

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
Calculation	Chromium, Trivalent									
	Trivalent Chromium	14.3		mg/kg dw	1	4.05	2.02		12/29/2017 13:36	MM
EPA 200.8	Metals, Total									
	Antimony	< 0.202	U	mg/kg dw	1	0.405	0.202		11/21/2017 13:47	CL
	Arsenic	3.92		mg/kg dw	1	0.202	0.020		11/21/2017 13:47	CL
	Beryllium	0.83		mg/kg dw	1	0.081	0.004		11/21/2017 13:47	CL
	Cadmium	0.138	J	mg/kg dw	1	0.405	0.020		11/21/2017 13:47	CL
	Chromium	14.3		mg/kg dw	1	1.22	0.061		11/21/2017 13:47	CL
	Copper	7.85		mg/kg dw	1	0.81	0.081		11/21/2017 13:47	CL
	Lead	15.2		mg/kg dw	5	1.01	0.101		11/21/2017 13:52	CL
	Nickel	11.0		mg/kg dw	1	0.81	0.040		11/21/2017 13:47	CL
	Selenium	1.62		mg/kg dw	1	0.81	0.405		11/21/2017 13:47	CL
	Silver	0.0486	J	mg/kg dw	1	0.202	0.0101		11/21/2017 13:47	CL
	Thallium	0.138	J	mg/kg dw	1	0.202	0.0101		11/21/2017 13:47	CL
	Zinc	35.8		mg/kg dw	1	0.81	0.405		11/21/2017 13:47	CL
EPA 350.2	Suite III									
	Ammonia as N	117	J	mg/kg dw	1	405	81.0		11/14/2017 10:19	ARC
SM 2540 G	Percent Moisture									
	% Moisture	75.3		%	1	1.00	0.010		12/29/2017 13:35	MM
SM 2540 G	Solids, Total									
	% Solids	24.7		%	1	1.00	0.010		11/10/2017 13:00	ARC

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-14-S
 Job Sample ID: 1711131.31
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 11:09

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 7196A	Metals, Total									
	Chromium, Hexavalent	< 2.02	U	mg/kg dw	1	4.05	2.02		11/27/2017 19:14	ARC
SW846 7471B	Metals, Total									
	Mercury	< 0.040	U	mg/kg dw	1	0.081	0.040		11/20/2017 20:06	SH
SW846 8081B	Organochlorine Pesticides									
	2,4,5,6 Tetrachloro-m-xylene(surr)	72.3		%	1			60-140	11/30/2017 09:50	
	Decachlorobiphenyl(surr)	79.8		%	1			60-140	11/30/2017 09:50	
SW846 8081B	Organochlorine Pesticides									
	4,4-DDD	< 0.607	U	ug/kg dw	1	1.22	0.607		11/30/2017 09:50	
	4,4-DDE	< 0.607	U	ug/kg dw	1	1.22	0.607		11/30/2017 09:50	
	4,4-DDT	< 0.607	U	ug/kg dw	1	1.22	0.607		11/30/2017 09:50	
	a-BHC	< 0.607	U	ug/kg dw	1	1.22	0.607		11/30/2017 09:50	
	a-Chlordane	< 0.607	U	ug/kg dw	1	1.22	0.607		11/30/2017 09:50	
	Aldrin	< 0.607	U	ug/kg dw	1	1.22	0.607		11/30/2017 09:50	
	b-BHC	< 0.607	U	ug/kg dw	1	1.22	0.607		11/30/2017 09:50	
	Chlordane	< 0.607	U	ug/kg dw	1	1.22	0.607		11/30/2017 09:50	
	d-BHC	< 0.607	U	ug/kg dw	1	1.22	0.607		11/30/2017 09:50	
	Dieldrin	< 0.607	U	ug/kg dw	1	1.22	0.607		11/30/2017 09:50	
	Endosulfan I	< 0.607	U	ug/kg dw	1	1.22	0.607		11/30/2017 09:50	
	Endosulfan II	< 0.607	U	ug/kg dw	1	1.22	0.607		11/30/2017 09:50	
	Endosulfan sulfate	< 0.607	U	ug/kg dw	1	1.22	0.607		11/30/2017 09:50	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-14-S
Job Sample ID: 1711131.31
Other Information: Grab - Sediment

Sample Matrix: Sediment
Date Collected: 11/07/2017
Time Collected: 11:09

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8081B	Organochlorine Pesticides									
			Batch ID:	Qb17120103	Prep Info:	PB17120102	SW846 3570		11/21/2017 13:01	
	Endrin	< 0.607	U	ug/kg dw	1	1.22	0.607		11/30/2017 09:50	
	Endrin aldehyde	< 0.607	U	ug/kg dw	1	1.22	0.607		11/30/2017 09:50	
	Endrin ketone	< 0.607	U	ug/kg dw	1	1.22	0.607		11/30/2017 09:50	
	g-BHC	< 0.607	U	ug/kg dw	1	1.22	0.607		11/30/2017 09:50	
	Heptachlor	< 0.607	U	ug/kg dw	1	1.22	0.607		11/30/2017 09:50	
	Heptachlor epoxide	< 0.607	U	ug/kg dw	1	1.22	0.607		11/30/2017 09:50	
	Toxaphene	< 0.607	U	ug/kg dw	1	1.22	0.607		11/30/2017 09:50	
	γ-Chlordane	< 0.607	U	ug/kg dw	1	1.22	0.607		11/30/2017 09:50	
SW846 8082A	Polychlorinated Biphenyls		Batch ID:		Prep Info:					
	2,4,5,6 Tetrachloro-m-xylene(surr)	81.8		%	1			60-140	12/01/2017 08:13	
	Decachlorobiphenyl(surr)	77.2		%	1			60-140	12/01/2017 08:13	
SW846 8082A	Polychlorinated Biphenyls		Batch ID:	Qb17112116	Prep Info:	PB17112113	SW846 3570		11/20/2017 12:56	
	Total PCBs	< 4.05	U	ug/kg dw	1	8.10	4.05		12/01/2017 08:13	
SW846 8270D	Semivolatile Organic Compounds		Batch ID:		Prep Info:					
	2,4,6-Tribromophenol(surr)	101		%	1			60-140	12/01/2017 06:05	
	2-Fluorobiphenyl(surr)	33.5	S	%	1			60-140	12/01/2017 06:05	
	2-Fluorophenol(surr)	58.2	S	%	1			60-140	12/01/2017 06:05	
	Nitrobenzene-d5(surr)	52.5	S	%	1			60-140	12/01/2017 06:05	
	Phenol-d5(surr)	54.0	S	%	1			60-140	12/01/2017 06:05	
	Terphenyl-d14(surr)	23.1	S	%	1			60-140	12/01/2017 06:05	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-14-S
Job Sample ID: 1711131.31
Other Information: Grab - Sediment

Sample Matrix: Sediment
Date Collected: 11/07/2017
Time Collected: 11:09

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121914	Prep Info:	PB17121905	SW846 3570		11/21/2017 11:12	EM
	1,2,4-Trichlorobenzene	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	
	1,2-Dichlorobenzene	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	
	1,2-Diphenylhydrazine as Azobenzene	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	
	1,3-Dichlorobenzene	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	
	1,4-Dichlorobenzene	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	
	2,4,6-Trichlorophenol	< 10.1	U	ug/kg dw	1	20.2	10.1		12/01/2017 06:05	
	2,4-Dichlorophenol	< 10.1	U	ug/kg dw	1	20.2	10.1		12/01/2017 06:05	
	2,4-Dimethylphenol	< 10.1	U	ug/kg dw	1	20.2	10.1		12/01/2017 06:05	
	2,4-Dinitrophenol	< 162	U	ug/kg dw	1	324	162		12/01/2017 06:05	
	2,4-Dinitrotoluene	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	
	2,6-Dinitrotoluene	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	
	2-Chloronaphthalene	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	
	2-Chlorophenol	< 10.1	U	ug/kg dw	1	20.2	10.1		12/01/2017 06:05	
	2-Nitrophenol	< 10.1	U	ug/kg dw	1	20.2	10.1		12/01/2017 06:05	
	3,3-Dichlorobenzidine	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	
	4,6-Dinitro-2-methylphenol	< 40.5	U	ug/kg dw	1	81.0	40.5		12/01/2017 06:05	
	4-Bromophenyl phenyl ether	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	
	4-Chloro-3-methylphenol	< 10.1	U	ug/kg dw	1	20.2	10.1		12/01/2017 06:05	
	4-Chlorophenyl phenyl ether	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	
	4-Nitrophenol	< 10.1	U	ug/kg dw	1	20.2	10.1		12/01/2017 06:05	
	Acenaphthene	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-14-S
Job Sample ID: 1711131.31
Other Information: Grab - Sediment

Sample Matrix: Sediment
Date Collected: 11/07/2017
Time Collected: 11:09

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121914	Prep Info:	PB17121905	SW846 3570		11/21/2017 11:12	EM
	Acenaphthylene	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	
	Anthracene	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	
	Benzidine	< 2.40	U	ug/kg dw	1	20.2	2.40		12/01/2017 06:05	
	Benzo(a)anthracene	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	
	Benzo(a)pyrene	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	
	benzo(b&k)fluoranthene	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	
	Benzo(b)fluoranthene	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	
	Benzo(g,h,i)perylene	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	
	Benzo(k)fluoranthene	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	
	Bis(2-chloroethoxy) methane	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	
	Bis(2-chloroethyl) ether	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	
	Bis(2-chloroisopropyl) ether	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	
	Bis(2-ethylhexyl)phthalate	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	
	Butyl benzyl phthalate	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	
	Chrysene	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	
	Dibenzo(a,h)anthracene	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	
	Diethyl phthalate	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	
	Dimethyl phthalate	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	
	Di-n-butyl phthalate	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	
	Di-n-octyl Phthalate	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	
	Fluoranthene	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-14-S
 Job Sample ID: 1711131.31
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 11:09

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID: Qb17121914	Prep Info: PB17121905			SW846 3570		11/21/2017 11:12	EM
	Fluorene	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	
	Hexachlorobenzene	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	
	Hexachlorobutadiene	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	
	Hexachlorocyclopentadiene	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	
	Hexachloroethane	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	
	Indeno(1,2,3-cd)pyrene	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	
	Isophorone	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	
	Naphthalene	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	
	Nitrobenzene	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	
	n-Nitrosodimethylamine	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	
	n-nitroso-di-n-propylamine	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	
	n-Nitrosodiphenylamine	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	
	Pentachlorophenol	< 10.1	U	ug/kg dw	1	20.2	10.1		12/01/2017 06:05	
	Phenanthrene	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	
	Phenol	< 10.1	U	ug/kg dw	1	20.2	10.1		12/01/2017 06:05	
	Pyrene	< 5.06	U	ug/kg dw	1	10.1	5.06		12/01/2017 06:05	
SW846 9014	Suite III									
			Batch ID: Qb17121924	Prep Info: PB17121909			SW846 9010C		11/15/2017 19:11	ARC
	Cyanide, Total	< 1.01	U	mg/kg dw	1	2.02	1.01		11/15/2017 21:40	ARC
SW846 9060A	Suite III									
			Batch ID: Qb17121923	Prep Info:						
	Total Organic Carbon	3.35		%	1	0.200	0.101		11/21/2017 19:18	ARC

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-14-S
 Job Sample ID: 1711131.31
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 11:09

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctadecane(surr)	92.8		%	1			75-125	11/22/2017 22:01	EM
	1-Chlorooctane(surr)	97.4		%	1			75-125	11/22/2017 22:01	EM
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID: Qb17120119		Prep Info: PB17120110		TCEQ 1005		11/18/2017 17:30	EM
	TPH, C6-C35	< 40.5	U	mg/kg dw	1	202	40.5		11/22/2017 22:01	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-15-S
 Job Sample ID: 1711131.32
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 10:45

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
Calculation	Chromium, Trivalent									
	Trivalent Chromium	14.7		mg/kg dw	1	4.52	2.26		12/29/2017 13:36	MM
EPA 200.8	Metals, Total									
	Antimony	< 0.226	U	mg/kg dw	1	0.452	0.226		11/21/2017 12:59	CL
	Arsenic	6.33		mg/kg dw	1	0.226	0.023		11/21/2017 12:59	CL
	Beryllium	0.765		mg/kg dw	1	0.090	0.005		11/21/2017 12:59	CL
	Cadmium	0.326	J	mg/kg dw	1	0.452	0.023		11/21/2017 12:59	CL
	Chromium	14.7		mg/kg dw	1	1.36	0.068		11/21/2017 12:59	CL
	Copper	14.3		mg/kg dw	1	0.905	0.090		11/21/2017 12:59	CL
	Lead	15.8		mg/kg dw	5	1.13	0.113		11/21/2017 13:04	CL
	Nickel	12.3		mg/kg dw	1	0.905	0.045		11/21/2017 12:59	CL
	Selenium	1.94		mg/kg dw	1	0.905	0.452		11/21/2017 12:59	CL
	Silver	0.0679	J	mg/kg dw	1	0.226	0.0113		11/21/2017 12:59	CL
	Thallium	0.167	J	mg/kg dw	1	0.226	0.0113		11/21/2017 12:59	CL
	Zinc	56.1		mg/kg dw	5	4.52	2.26		11/21/2017 13:04	CL
EPA 350.2	Suite III									
	Ammonia as N	353	J	mg/kg dw	1	452	90.5		11/14/2017 10:19	ARC
SM 2540 G	Percent Moisture									
	% Moisture	77.9		%	1	1.00	0.010		12/29/2017 13:35	MM
SM 2540 G	Solids, Total									
	% Solids	22.1		%	1	1.00	0.010		11/10/2017 13:00	ARC

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-15-S
Job Sample ID: 1711131.32
Other Information: Grab - Sediment

Sample Matrix: Sediment
Date Collected: 11/07/2017
Time Collected: 10:45

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 7196A	Metals, Total									
	Chromium, Hexavalent	< 2.26	U	mg/kg dw	1	4.52	2.26		11/27/2017 19:14	ARC
SW846 7471B	Metals, Total									
	Mercury	< 0.045	U	mg/kg dw	1	0.090	0.045		11/20/2017 20:16	SH
SW846 8081B	Organochlorine Pesticides									
	2,4,5,6 Tetrachloro-m-xylene(surr)	57.3	S	%	1			60-140	11/30/2017 20:14	
	Decachlorobiphenyl(surr)	73.5		%	1			60-140	11/30/2017 20:14	
SW846 8081B	Organochlorine Pesticides									
	4,4-DDD	< 0.679	U	ug/kg dw	1	1.36	0.679		11/30/2017 20:14	
	4,4-DDE	< 0.679	U	ug/kg dw	1	1.36	0.679		11/30/2017 20:14	
	4,4-DDT	< 0.679	U	ug/kg dw	1	1.36	0.679		11/30/2017 20:14	
	a-BHC	< 0.679	U	ug/kg dw	1	1.36	0.679		11/30/2017 20:14	
	a-Chlordane	< 0.679	U	ug/kg dw	1	1.36	0.679		11/30/2017 20:14	
	Aldrin	< 0.679	U	ug/kg dw	1	1.36	0.679		11/30/2017 20:14	
	b-BHC	< 0.679	U	ug/kg dw	1	1.36	0.679		11/30/2017 20:14	
	Chlordane	< 0.679	U	ug/kg dw	1	1.36	0.679		11/30/2017 20:14	
	d-BHC	< 0.679	U	ug/kg dw	1	1.36	0.679		11/30/2017 20:14	
	Dieldrin	< 0.679	U	ug/kg dw	1	1.36	0.679		11/30/2017 20:14	
	Endosulfan I	< 0.679	U	ug/kg dw	1	1.36	0.679		11/30/2017 20:14	
	Endosulfan II	< 0.679	U	ug/kg dw	1	1.36	0.679		11/30/2017 20:14	
	Endosulfan sulfate	< 0.679	U	ug/kg dw	1	1.36	0.679		11/30/2017 20:14	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-15-S
Job Sample ID: 1711131.32
Other Information: Grab - Sediment

Sample Matrix: Sediment
Date Collected: 11/07/2017
Time Collected: 10:45

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8081B	Organochlorine Pesticides									
			Batch ID:	Qb17120103	Prep Info:	PB17120102	SW846 3570		11/21/2017 13:01	
	Endrin	< 0.679	U	ug/kg dw	1	1.36	0.679		11/30/2017 20:14	
	Endrin aldehyde	< 0.679	U	ug/kg dw	1	1.36	0.679		11/30/2017 20:14	
	Endrin ketone	< 0.679	U	ug/kg dw	1	1.36	0.679		11/30/2017 20:14	
	g-BHC	< 0.679	U	ug/kg dw	1	1.36	0.679		11/30/2017 20:14	
	Heptachlor	< 0.679	U	ug/kg dw	1	1.36	0.679		11/30/2017 20:14	
	Heptachlor epoxide	< 0.679	U	ug/kg dw	1	1.36	0.679		11/30/2017 20:14	
	Toxaphene	< 0.679	U	ug/kg dw	1	1.36	0.679		11/30/2017 20:14	
	γ-Chlordane	< 0.679	U	ug/kg dw	1	1.36	0.679		11/30/2017 20:14	
SW846 8082A	Polychlorinated Biphenyls		Batch ID:		Prep Info:					
	2,4,5,6 Tetrachloro-m-xylene(surr)	91.3		%	1			60-140	12/01/2017 08:37	
	Decachlorobiphenyl(surr)	85.5		%	1			60-140	12/01/2017 08:37	
SW846 8082A	Polychlorinated Biphenyls		Batch ID:	Qb17112116	Prep Info:	PB17112113	SW846 3570		11/20/2017 12:56	
	Total PCBs	< 4.52	U	ug/kg dw	1	9.05	4.52		12/01/2017 08:37	
SW846 8270D	Semivolatile Organic Compounds		Batch ID:		Prep Info:					
	2,4,6-Tribromophenol(surr)	119		%	1			60-140	12/01/2017 06:41	
	2-Fluorobiphenyl(surr)	41.1	S	%	1			60-140	12/01/2017 06:41	
	2-Fluorophenol(surr)	68.8		%	1			60-140	12/01/2017 06:41	
	Nitrobenzene-d5(surr)	25.9	S	%	1			60-140	12/01/2017 06:41	
	Phenol-d5(surr)	111		%	1			60-140	12/01/2017 06:41	
	Terphenyl-d14(surr)	25.8	S	%	1			60-140	12/01/2017 06:41	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-15-S
 Job Sample ID: 1711131.32
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 10:45

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID: Qb17121914		Prep Info: PB17121905		SW846 3570		11/21/2017 11:12	EM
	1,2,4-Trichlorobenzene	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	
	1,2-Dichlorobenzene	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	
	1,2-Diphenylhydrazine as Azobenzene	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	
	1,3-Dichlorobenzene	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	
	1,4-Dichlorobenzene	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	
	2,4,6-Trichlorophenol	< 11.3	U	ug/kg dw	1	22.6	11.3		12/01/2017 06:41	
	2,4-Dichlorophenol	< 11.3	U	ug/kg dw	1	22.6	11.3		12/01/2017 06:41	
	2,4-Dimethylphenol	< 11.3	U	ug/kg dw	1	22.6	11.3		12/01/2017 06:41	
	2,4-Dinitrophenol	< 181	U	ug/kg dw	1	362	181		12/01/2017 06:41	
	2,4-Dinitrotoluene	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	
	2,6-Dinitrotoluene	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	
	2-Chloronaphthalene	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	
	2-Chlorophenol	< 11.3	U	ug/kg dw	1	22.6	11.3		12/01/2017 06:41	
	2-Nitrophenol	< 11.3	U	ug/kg dw	1	22.6	11.3		12/01/2017 06:41	
	3,3-Dichlorobenzidine	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	
	4,6-Dinitro-2-methylphenol	< 45.2	U	ug/kg dw	1	90.5	45.2		12/01/2017 06:41	
	4-Bromophenyl phenyl ether	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	
	4-Chloro-3-methylphenol	< 11.3	U	ug/kg dw	1	22.6	11.3		12/01/2017 06:41	
	4-Chlorophenyl phenyl ether	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	
	4-Nitrophenol	< 11.3	U	ug/kg dw	1	22.6	11.3		12/01/2017 06:41	
	Acenaphthene	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-15-S
 Job Sample ID: 1711131.32
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 10:45

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121914	Prep Info:	PB17121905	SW846 3570		11/21/2017 11:12	EM
	Acenaphthylene	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	
	Anthracene	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	
	Benzidine	< 2.69	U	ug/kg dw	1	22.6	2.69		12/01/2017 06:41	
	Benzo(a)anthracene	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	
	Benzo(a)pyrene	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	
	benzo(b&k)fluoranthene	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	
	Benzo(b)fluoranthene	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	
	Benzo(g,h,i)perylene	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	
	Benzo(k)fluoranthene	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	
	Bis(2-chloroethoxy) methane	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	
	Bis(2-chloroethyl) ether	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	
	Bis(2-chloroisopropyl) ether	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	
	Bis(2-ethylhexyl)phthalate	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	
	Butyl benzyl phthalate	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	
	Chrysene	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	
	Dibenzo(a,h)anthracene	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	
	Diethyl phthalate	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	
	Dimethyl phthalate	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	
	Di-n-butyl phthalate	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	
	Di-n-octyl Phthalate	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	
	Fluoranthene	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-15-S
Job Sample ID: 1711131.32
Other Information: Grab - Sediment

Sample Matrix: Sediment
Date Collected: 11/07/2017
Time Collected: 10:45

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121914	Prep Info:	PB17121905	SW846 3570		11/21/2017 11:12	EM
	Fluorene	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	
	Hexachlorobenzene	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	
	Hexachlorobutadiene	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	
	Hexachlorocyclopentadiene	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	
	Hexachloroethane	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	
	Indeno(1,2,3-cd)pyrene	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	
	Isophorone	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	
	Naphthalene	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	
	Nitrobenzene	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	
	n-Nitrosodimethylamine	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	
	n-nitroso-di-n-propylamine	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	
	n-Nitrosodiphenylamine	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	
	Pentachlorophenol	< 11.3	U	ug/kg dw	1	22.6	11.3		12/01/2017 06:41	
	Phenanthrene	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	
	Phenol	< 11.3	U	ug/kg dw	1	22.6	11.3		12/01/2017 06:41	
	Pyrene	< 5.66	U	ug/kg dw	1	11.3	5.66		12/01/2017 06:41	
SW846 9014	Suite III									
			Batch ID:	Qb17121924	Prep Info:	PB17121909	SW846 9010C		11/15/2017 19:11	ARC
	Cyanide, Total	< 1.13	U	mg/kg dw	1	2.26	1.13		11/15/2017 21:40	ARC
SW846 9060A	Suite III									
			Batch ID:	Qb17121923	Prep Info:					
	Total Organic Carbon	3.88		%	1	0.230	0.113		11/21/2017 19:18	ARC

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-15-S
 Job Sample ID: 1711131.32
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/07/2017
 Time Collected: 10:45

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctadecane(surr)	88.5		%	1			75-125	11/22/2017 22:26	EM
	1-Chlorooctane(surr)	87.4		%	1			75-125	11/22/2017 22:26	EM
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID: Qb17120119		Prep Info: PB17120110		TCEQ 1005		11/18/2017 17:30	EM
	TPH, C6-C35	< 45.2	U	mg/kg dw	1	226	45.2		11/22/2017 22:26	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-PA133-S
 Job Sample ID: 1711131.33
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/08/2017
 Time Collected: 11:01

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
Calculation	Chromium, Trivalent									
			Batch ID: Qb17122903		Prep Info:					
	Trivalent Chromium	4.57		mg/kg dw	1	1.89	0.945		12/29/2017 13:36	MM
EPA 200.8	Metals, Total									
			Batch ID: Qb17112004		Prep Info: PB17112003		EPA 200.2		11/20/2017 11:16	CL
	Antimony	< 0.095	U	mg/kg dw	1	0.189	0.095		11/21/2017 13:26	CL
	Arsenic	1.63		mg/kg dw	1	0.095	0.009		11/21/2017 13:26	CL
	Beryllium	0.274		mg/kg dw	1	0.038	0.002		11/21/2017 13:26	CL
	Cadmium	0.0359	J	mg/kg dw	1	0.189	0.009		11/21/2017 13:26	CL
	Chromium	4.57		mg/kg dw	1	0.567	0.028		11/21/2017 13:26	CL
	Copper	2.50		mg/kg dw	1	0.378	0.038		11/21/2017 13:26	CL
	Lead	4.23		mg/kg dw	1	0.095	0.009		11/21/2017 13:26	CL
	Nickel	3.69		mg/kg dw	1	0.378	0.019		11/21/2017 13:26	CL
	Selenium	0.563		mg/kg dw	1	0.378	0.189		11/21/2017 13:26	CL
	Silver	0.0136	J	mg/kg dw	1	0.095	0.0047		11/21/2017 13:26	CL
	Thallium	0.0586	J	mg/kg dw	1	0.095	0.0047		11/21/2017 13:26	CL
	Zinc	12.2		mg/kg dw	1	0.378	0.189		11/21/2017 13:26	CL
EPA 350.2	Suite III									
	Ammonia as N	< 37.8	U	mg/kg dw	1	189	37.8		11/14/2017 10:19	ARC
SM 2540 G	Percent Moisture									
	% Moisture	47.1		%	1	1.00	0.010		12/29/2017 13:35	MM
SM 2540 G	Solids, Total									
	% Solids	52.9		%	1	1.00	0.010		11/10/2017 13:00	ARC

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-PA133-S
Job Sample ID: 1711131.33
Other Information: Grab - Sediment

Sample Matrix: Sediment
Date Collected: 11/08/2017
Time Collected: 11:01

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 7196A	Metals, Total									
	Chromium, Hexavalent	< 0.945	U	mg/kg dw	1	1.89	0.945		11/27/2017 19:14	ARC
SW846 7471B	Metals, Total									
	Mercury	< 0.019	U	mg/kg dw	1	0.038	0.019		11/20/2017 20:19	SH
SW846 8081B	Organochlorine Pesticides									
	2,4,5,6 Tetrachloro-m-xylene(surr)	51.3	S	%	1			60-140	11/30/2017 21:01	
	Decachlorobiphenyl(surr)	68.7		%	1			60-140	11/30/2017 21:01	
SW846 8081B	Organochlorine Pesticides									
	4,4-DDD	< 0.284	U	ug/kg dw	1	0.567	0.284		11/30/2017 21:01	
	4,4-DDE	< 0.284	U	ug/kg dw	1	0.567	0.284		11/30/2017 21:01	
	4,4-DDT	< 0.284	U	ug/kg dw	1	0.567	0.284		11/30/2017 21:01	
	a-BHC	< 0.284	U	ug/kg dw	1	0.567	0.284		11/30/2017 21:01	
	a-Chlordane	< 0.284	U	ug/kg dw	1	0.567	0.284		11/30/2017 21:01	
	Aldrin	< 0.284	U	ug/kg dw	1	0.567	0.284		11/30/2017 21:01	
	b-BHC	< 0.284	U	ug/kg dw	1	0.567	0.284		11/30/2017 21:01	
	Chlordane	< 0.284	U	ug/kg dw	1	0.567	0.284		11/30/2017 21:01	
	d-BHC	< 0.284	U	ug/kg dw	1	0.567	0.284		11/30/2017 21:01	
	Dieldrin	< 0.284	U	ug/kg dw	1	0.567	0.284		11/30/2017 21:01	
	Endosulfan I	< 0.284	U	ug/kg dw	1	0.567	0.284		11/30/2017 21:01	
	Endosulfan II	< 0.284	U	ug/kg dw	1	0.567	0.284		11/30/2017 21:01	
	Endosulfan sulfate	< 0.284	U	ug/kg dw	1	0.567	0.284		11/30/2017 21:01	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-PA133-S
Job Sample ID: 1711131.33
Other Information: Grab - Sediment

Sample Matrix: Sediment
Date Collected: 11/08/2017
Time Collected: 11:01

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8081B	Organochlorine Pesticides									
			Batch ID:	Qb17120103	Prep Info:	PB17120102	SW846 3570		11/21/2017 13:01	
	Endrin	< 0.284	U	ug/kg dw	1	0.567	0.284		11/30/2017 21:01	
	Endrin aldehyde	< 0.284	U	ug/kg dw	1	0.567	0.284		11/30/2017 21:01	
	Endrin ketone	< 0.284	U	ug/kg dw	1	0.567	0.284		11/30/2017 21:01	
	g-BHC	< 0.284	U	ug/kg dw	1	0.567	0.284		11/30/2017 21:01	
	Heptachlor	< 0.284	U	ug/kg dw	1	0.567	0.284		11/30/2017 21:01	
	Heptachlor epoxide	< 0.284	U	ug/kg dw	1	0.567	0.284		11/30/2017 21:01	
	Toxaphene	< 0.284	U	ug/kg dw	1	0.567	0.284		11/30/2017 21:01	
	γ-Chlordane	< 0.284	U	ug/kg dw	1	0.567	0.284		11/30/2017 21:01	
SW846 8082A	Polychlorinated Biphenyls		Batch ID:		Prep Info:					
	2,4,5,6 Tetrachloro-m-xylene(surr)	80.0		%	1			60-140	12/01/2017 09:47	
	Decachlorobiphenyl(surr)	80.5		%	1			60-140	12/01/2017 09:47	
SW846 8082A	Polychlorinated Biphenyls		Batch ID:	Qb17112116	Prep Info:	PB17112113	SW846 3570		11/20/2017 12:56	
	Total PCBs	< 1.89	U	ug/kg dw	1	3.78	1.89		12/01/2017 09:47	
SW846 8270D	Semivolatile Organic Compounds		Batch ID:		Prep Info:					
	2,4,6-Tribromophenol(surr)	72.1		%	1			60-140	12/01/2017 07:54	
	2-Fluorobiphenyl(surr)	56.6	S	%	1			60-140	12/01/2017 07:54	
	2-Fluorophenol(surr)	51.0	S	%	1			60-140	12/01/2017 07:54	
	Nitrobenzene-d5(surr)	48.8	S	%	1			60-140	12/01/2017 07:54	
	Phenol-d5(surr)	49.8	S	%	1			60-140	12/01/2017 07:54	
	Terphenyl-d14(surr)	25.0	S	%	1			60-140	12/01/2017 07:54	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-PA133-S
 Job Sample ID: 1711131.33
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/08/2017
 Time Collected: 11:01

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121914	Prep Info:	PB17121905	SW846 3570		11/21/2017 11:12	EM
	1,2,4-Trichlorobenzene	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	
	1,2-Dichlorobenzene	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	
	1,2-Diphenylhydrazine as Azobenzene	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	
	1,3-Dichlorobenzene	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	
	1,4-Dichlorobenzene	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	
	2,4,6-Trichlorophenol	< 4.73	U	ug/kg dw	1	9.45	4.73		12/01/2017 07:54	
	2,4-Dichlorophenol	< 4.73	U	ug/kg dw	1	9.45	4.73		12/01/2017 07:54	
	2,4-Dimethylphenol	< 4.73	U	ug/kg dw	1	9.45	4.73		12/01/2017 07:54	
	2,4-Dinitrophenol	< 75.6	U	ug/kg dw	1	151	75.6		12/01/2017 07:54	
	2,4-Dinitrotoluene	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	
	2,6-Dinitrotoluene	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	
	2-Chloronaphthalene	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	
	2-Chlorophenol	< 4.73	U	ug/kg dw	1	9.45	4.73		12/01/2017 07:54	
	2-Nitrophenol	< 4.73	U	ug/kg dw	1	9.45	4.73		12/01/2017 07:54	
	3,3-Dichlorobenzidine	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	
	4,6-Dinitro-2-methylphenol	< 18.9	U	ug/kg dw	1	37.8	18.9		12/01/2017 07:54	
	4-Bromophenyl phenyl ether	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	
	4-Chloro-3-methylphenol	< 4.73	U	ug/kg dw	1	9.45	4.73		12/01/2017 07:54	
	4-Chlorophenyl phenyl ether	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	
	4-Nitrophenol	< 4.73	U	ug/kg dw	1	9.45	4.73		12/01/2017 07:54	
	Acenaphthene	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-PA133-S
 Job Sample ID: 1711131.33
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/08/2017
 Time Collected: 11:01

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121914	Prep Info:	PB17121905	SW846 3570		11/21/2017 11:12	EM
	Acenaphthylene	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	
	Anthracene	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	
	Benzidine	< 1.12	U	ug/kg dw	1	9.45	1.12		12/01/2017 07:54	
	Benzo(a)anthracene	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	
	Benzo(a)pyrene	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	
	benzo(b&k)fluoranthene	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	
	Benzo(b)fluoranthene	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	
	Benzo(g,h,i)perylene	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	
	Benzo(k)fluoranthene	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	
	Bis(2-chloroethoxy) methane	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	
	Bis(2-chloroethyl) ether	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	
	Bis(2-chloroisopropyl) ether	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	
	Bis(2-ethylhexyl)phthalate	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	
	Butyl benzyl phthalate	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	
	Chrysene	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	
	Dibenzo(a,h)anthracene	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	
	Diethyl phthalate	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	
	Dimethyl phthalate	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	
	Di-n-butyl phthalate	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	
	Di-n-octyl Phthalate	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	
	Fluoranthene	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-PA133-S
 Job Sample ID: 1711131.33
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/08/2017
 Time Collected: 11:01

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID: Qb17121914		Prep Info: PB17121905		SW846 3570		11/21/2017 11:12	EM
	Fluorene	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	
	Hexachlorobenzene	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	
	Hexachlorobutadiene	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	
	Hexachlorocyclopentadiene	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	
	Hexachloroethane	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	
	Indeno(1,2,3-cd)pyrene	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	
	Isophorone	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	
	Naphthalene	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	
	Nitrobenzene	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	
	n-Nitrosodimethylamine	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	
	n-nitroso-di-n-propylamine	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	
	n-Nitrosodiphenylamine	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	
	Pentachlorophenol	< 4.73	U	ug/kg dw	1	9.45	4.73		12/01/2017 07:54	
	Phenanthrene	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	
	Phenol	< 4.73	U	ug/kg dw	1	9.45	4.73		12/01/2017 07:54	
	Pyrene	< 2.36	U	ug/kg dw	1	4.73	2.36		12/01/2017 07:54	
SW846 9014	Suite III									
			Batch ID: Qb17121924		Prep Info: PB17121909		SW846 9010C		11/15/2017 19:11	ARC
	Cyanide, Total	< 0.470	U	mg/kg dw	1	0.945	0.470		11/15/2017 21:40	ARC
SW846 9060A	Suite III									
			Batch ID: Qb17121923		Prep Info:					
	Total Organic Carbon	1.75		%	1	0.090	0.047		11/21/2017 19:18	ARC

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-PA133-S
 Job Sample ID: 1711131.33
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/08/2017
 Time Collected: 11:01

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctadecane(surr)	73.7	S	%	1			75-125	11/30/2017 13:01	EM
	1-Chlorooctane(surr)	68.3	S	%	1			75-125	11/30/2017 13:01	EM
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID: Qb17120119		Prep Info: PB17120110		TCEQ 1005		11/18/2017 17:30	EM
	TPH, C6-C35	< 18.9	U	mg/kg dw	1	94.5	18.9		11/30/2017 13:01	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-REF133-S
 Job Sample ID: 1711131.34
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/08/2017
 Time Collected: 10:25

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
Calculation	Chromium, Trivalent									
	Trivalent Chromium	9.62		mg/kg dw	1	7.63	3.82		12/29/2017 13:36	MM
EPA 200.8	Metals, Total									
	Antimony	< 0.382	U	mg/kg dw	1	0.763	0.382		11/21/2017 13:31	CL
	Arsenic	3.85		mg/kg dw	1	0.382	0.038		11/21/2017 13:31	CL
	Beryllium	0.488		mg/kg dw	1	0.153	0.008		11/21/2017 13:31	CL
	Cadmium	0.0992	J	mg/kg dw	1	0.763	0.038		11/21/2017 13:31	CL
	Chromium	9.62		mg/kg dw	1	2.29	0.115		11/21/2017 13:31	CL
	Copper	5.12		mg/kg dw	1	1.53	0.153		11/21/2017 13:31	CL
	Lead	8.32		mg/kg dw	1	0.382	0.038		11/21/2017 13:31	CL
	Nickel	7.45		mg/kg dw	1	1.53	0.076		11/21/2017 13:31	CL
	Selenium	1.22	J	mg/kg dw	1	1.53	0.763		11/21/2017 13:31	CL
	Silver	0.0321	J	mg/kg dw	1	0.382	0.0191		11/21/2017 13:31	CL
	Thallium	0.0992	J	mg/kg dw	1	0.382	0.0191		11/21/2017 13:31	CL
	Zinc	26.3		mg/kg dw	1	1.53	0.763		11/21/2017 13:31	CL
EPA 350.2	Suite III									
	Ammonia as N	160	J	mg/kg dw	1	763	153		11/14/2017 10:19	ARC
SM 2540 G	Percent Moisture									
	% Moisture	86.9		%	1	1.00	0.010		12/29/2017 13:35	MM
SM 2540 G	Solids, Total									
	% Solids	13.1		%	1	1.00	0.010		11/10/2017 13:00	ARC

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-REF133-S
Job Sample ID: 1711131.34
Other Information: Grab - Sediment

Sample Matrix: Sediment
Date Collected: 11/08/2017
Time Collected: 10:25

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 7196A	Metals, Total									
	Chromium, Hexavalent	< 3.82	U	mg/kg dw	1	7.63	3.82		11/27/2017 19:14	ARC
SW846 7471B	Metals, Total									
	Mercury	< 0.076	U	mg/kg dw	1	0.153	0.076		11/20/2017 20:23	SH
SW846 8081B	Organochlorine Pesticides									
	2,4,5,6 Tetrachloro-m-xylene(surr)	61.2		%	1			60-140	12/04/2017 00:54	
	Decachlorobiphenyl(surr)	73.3		%	1			60-140	12/04/2017 00:54	
SW846 8081B	Organochlorine Pesticides									
	4,4-DDD	< 1.14	U	ug/kg dw	1	2.29	1.14		12/04/2017 00:54	EM
	4,4-DDE	< 1.14	U	ug/kg dw	1	2.29	1.14		12/04/2017 00:54	
	4,4-DDT	< 1.14	U	ug/kg dw	1	2.29	1.14		12/04/2017 00:54	
	a-BHC	< 1.14	U	ug/kg dw	1	2.29	1.14		12/04/2017 00:54	
	a-Chlordane	< 1.14	U	ug/kg dw	1	2.29	1.14		12/04/2017 00:54	
	Aldrin	< 1.14	U	ug/kg dw	1	2.29	1.14		12/04/2017 00:54	
	b-BHC	< 1.14	U	ug/kg dw	1	2.29	1.14		12/04/2017 00:54	
	Chlordane	< 1.14	U	ug/kg dw	1	2.29	1.14		12/04/2017 00:54	
	d-BHC	< 1.14	U	ug/kg dw	1	2.29	1.14		12/04/2017 00:54	
	Dieldrin	< 1.14	U	ug/kg dw	1	2.29	1.14		12/04/2017 00:54	
	Endosulfan I	< 1.14	U	ug/kg dw	1	2.29	1.14		12/04/2017 00:54	
	Endosulfan II	< 1.14	U	ug/kg dw	1	2.29	1.14		12/04/2017 00:54	EM
	Endosulfan sulfate	< 1.14	U	ug/kg dw	1	2.29	1.14		12/04/2017 00:54	EM

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-REF133-S
Job Sample ID: 1711131.34
Other Information: Grab - Sediment

Sample Matrix: Sediment
Date Collected: 11/08/2017
Time Collected: 10:25

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8081B	Organochlorine Pesticides									
			Batch ID:	Qb17120103	Prep Info:	PB17120102	SW846 3570		11/21/2017 13:01	
	Endrin	< 1.14	U	ug/kg dw	1	2.29	1.14		12/04/2017 00:54	
	Endrin aldehyde	< 1.14	U	ug/kg dw	1	2.29	1.14		12/04/2017 00:54	
	Endrin ketone	< 1.14	U	ug/kg dw	1	2.29	1.14		12/04/2017 00:54	
	g-BHC	< 1.14	U	ug/kg dw	1	2.29	1.14		12/04/2017 00:54	
	Heptachlor	< 1.14	U	ug/kg dw	1	2.29	1.14		12/04/2017 00:54	
	Heptachlor epoxide	< 1.14	U	ug/kg dw	1	2.29	1.14		12/04/2017 00:54	
	Toxaphene	< 1.14	U	ug/kg dw	1	2.29	1.14		12/04/2017 00:54	
	γ-Chlordane	< 1.14	U	ug/kg dw	1	2.29	1.14		12/04/2017 00:54	
SW846 8082A	Polychlorinated Biphenyls		Batch ID:		Prep Info:					
	2,4,5,6 Tetrachloro-m-xylene(surr)	108		%	1			60-140	12/01/2017 09:00	
	Decachlorobiphenyl(surr)	91.8		%	1			60-140	12/01/2017 09:00	
SW846 8082A	Polychlorinated Biphenyls		Batch ID:	Qb17112116	Prep Info:	PB17112113	SW846 3570		11/20/2017 12:56	
	Total PCBs	< 7.63	U	ug/kg dw	1	15.3	7.63		12/01/2017 09:00	
SW846 8270D	Semivolatile Organic Compounds		Batch ID:		Prep Info:					
	2,4,6-Tribromophenol(surr)	105		%	1			60-140	12/01/2017 07:18	
	2-Fluorobiphenyl(surr)	54.4	S	%	1			60-140	12/01/2017 07:18	
	2-Fluorophenol(surr)	39.3	S	%	1			60-140	12/01/2017 07:18	
	Nitrobenzene-d5(surr)	43.3	S	%	1			60-140	12/01/2017 07:18	
	Phenol-d5(surr)	45.5	S	%	1			60-140	12/01/2017 07:18	
	Terphenyl-d14(surr)	48.9	S	%	1			60-140	12/01/2017 07:18	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-REF133-S
 Job Sample ID: 1711131.34
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/08/2017
 Time Collected: 10:25

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID: Qb17121914			Prep Info: PB17121905	SW846 3570		11/21/2017 11:12	EM
	1,2,4-Trichlorobenzene	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	
	1,2-Dichlorobenzene	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	
	1,2-Diphenylhydrazine as Azobenzene	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	
	1,3-Dichlorobenzene	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	
	1,4-Dichlorobenzene	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	
	2,4,6-Trichlorophenol	< 19.1	U	ug/kg dw	1	38.2	19.1		12/01/2017 07:18	
	2,4-Dichlorophenol	< 19.1	U	ug/kg dw	1	38.2	19.1		12/01/2017 07:18	
	2,4-Dimethylphenol	< 19.1	U	ug/kg dw	1	38.2	19.1		12/01/2017 07:18	
	2,4-Dinitrophenol	< 305	U	ug/kg dw	1	611	305		12/01/2017 07:18	
	2,4-Dinitrotoluene	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	
	2,6-Dinitrotoluene	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	
	2-Chloronaphthalene	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	
	2-Chlorophenol	< 19.1	U	ug/kg dw	1	38.2	19.1		12/01/2017 07:18	
	2-Nitrophenol	< 19.1	U	ug/kg dw	1	38.2	19.1		12/01/2017 07:18	
	3,3-Dichlorobenzidine	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	
	4,6-Dinitro-2-methylphenol	< 76.3	U	ug/kg dw	1	153	76.3		12/01/2017 07:18	
	4-Bromophenyl phenyl ether	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	
	4-Chloro-3-methylphenol	< 19.1	U	ug/kg dw	1	38.2	19.1		12/01/2017 07:18	
	4-Chlorophenyl phenyl ether	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	
	4-Nitrophenol	< 19.1	U	ug/kg dw	1	38.2	19.1		12/01/2017 07:18	
	Acenaphthene	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-REF133-S
 Job Sample ID: 1711131.34
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/08/2017
 Time Collected: 10:25

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121914	Prep Info:	PB17121905	SW846 3570		11/21/2017 11:12	EM
	Acenaphthylene	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	
	Anthracene	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	
	Benzidine	< 4.53	U	ug/kg dw	1	38.2	4.53		12/01/2017 07:18	
	Benzo(a)anthracene	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	
	Benzo(a)pyrene	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	
	benzo(b&k)fluoranthene	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	
	Benzo(b)fluoranthene	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	
	Benzo(g,h,i)perylene	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	
	Benzo(k)fluoranthene	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	
	Bis(2-chloroethoxy) methane	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	
	Bis(2-chloroethyl) ether	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	
	Bis(2-chloroisopropyl) ether	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	
	Bis(2-ethylhexyl)phthalate	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	
	Butyl benzyl phthalate	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	
	Chrysene	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	
	Dibenzo(a,h)anthracene	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	
	Diethyl phthalate	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	
	Dimethyl phthalate	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	
	Di-n-butyl phthalate	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	
	Di-n-octyl Phthalate	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	
	Fluoranthene	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
Client Sample ID: GIC-AB-17-REF133-S
Job Sample ID: 1711131.34
Other Information: Grab - Sediment

Sample Matrix: Sediment
Date Collected: 11/08/2017
Time Collected: 10:25

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
SW846 8270D	Semivolatile Organic Compounds									
			Batch ID:	Qb17121914	Prep Info:	PB17121905	SW846 3570		11/21/2017 11:12	EM
	Fluorene	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	
	Hexachlorobenzene	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	
	Hexachlorobutadiene	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	
	Hexachlorocyclopentadiene	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	
	Hexachloroethane	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	
	Indeno(1,2,3-cd)pyrene	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	
	Isophorone	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	
	Naphthalene	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	
	Nitrobenzene	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	
	n-Nitrosodimethylamine	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	
	n-nitroso-di-n-propylamine	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	
	n-Nitrosodiphenylamine	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	
	Pentachlorophenol	< 19.1	U	ug/kg dw	1	38.2	19.1		12/01/2017 07:18	
	Phenanthrene	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	
	Phenol	< 19.1	U	ug/kg dw	1	38.2	19.1		12/01/2017 07:18	
	Pyrene	< 9.54	U	ug/kg dw	1	19.1	9.54		12/01/2017 07:18	
SW846 9014	Suite III									
			Batch ID:	Qb17121924	Prep Info:	PB17121909	SW846 9010C		11/15/2017 19:11	ARC
	Cyanide, Total	< 1.91	U	mg/kg dw	1	3.82	1.91		11/15/2017 21:40	ARC
SW846 9060A	Suite III									
			Batch ID:	Qb17121923	Prep Info:					
	Total Organic Carbon	6.92		%	1	0.380	0.191		11/21/2017 19:18	ARC

SAMPLE RESULTS



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name: Anamar Env Consulting, Inc.
 Project ID: GIWW Across Aransas Bay (5024)

Attn: Terence Cake

Job ID : 1711131
 Client Sample ID: GIC-AB-17-REF133-S
 Job Sample ID: 1711131.34
 Other Information: Grab - Sediment

Sample Matrix: Sediment
 Date Collected: 11/08/2017
 Time Collected: 10:25

Test Method	Parameter	Result	Q	Units	DF	LRL	SDL	%Rec Ctrl Limit	Date/Time Analyzed	Analyst
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID:		Prep Info:					
	1-Chlorooctadecane(surr)	78.6		%	1			75-125	11/22/2017 22:51	EM
	1-Chlorooctane(surr)	82.4		%	1			75-125	11/22/2017 22:51	EM
TCEQ 1005	Total Petroleum Hydrocarbons		Batch ID: Qb17120119		Prep Info: PB17120110		TCEQ 1005		11/18/2017 17:30	EM
	TPH, C6-C35	< 76.3	U	mg/kg dw	1	382	76.3		11/22/2017 22:51	EM



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Metals, Total

Method : EPA 200.8

Units : mg/kg dw

QC Batch ID : Qb17112004

Samples in This QC Batch : 1711131.19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34

Sample Preparation PB17112003

Prep Method: EPA 200.2

Prep Date:

By: Cliles

QC Type: Method Blank

Parameter	CAS #	Result	DF	LRL	SDL	Qual
Antimony	7440-36-0	< 0.050	1	0.100	0.050	
Arsenic	7440-38-2	< 0.005	1	0.050	0.005	
Beryllium	7440-41-7	< 0.001	1	0.020	0.001	
Cadmium	7440-43-9	< 0.005	1	0.100	0.005	
Chromium	7440-47-3	< 0.015	1	0.300	0.015	
Copper	7440-50-8	0.028	1	0.200	0.020	
Lead	7439-92-1	< 0.005	1	0.050	0.005	
Nickel	7440-02-0	< 0.010	1	0.200	0.010	
Selenium	7782-49-2	< 0.100	1	0.200	0.100	
Silver	7440-22-4	< 0.0025	1	0.050	0.0025	
Thallium	7440-28-0	< 0.0025	1	0.050	0.0025	
Zinc	7440-66-6	< 0.100	1	0.200	0.100	

QC Type: Duplicate

QC Sample ID	Parameter	Result	QC Sample Result	RPD	RPD Ctrl Limits	Qual
DUP 1711131.19	Antimony	< 0.139	< 0.139	NaN	30	
DUP 1711131.19	Arsenic	1.28	1.25	2.37	30	
DUP 1711131.19	Beryllium	0.204	0.196	4.00	30	
DUP 1711131.19	Cadmium	< 0.100	0.035	NaN	30	J1
DUP 1711131.19	Chromium	3.57	3.46	3.13	30	
DUP 1711131.19	Copper	1.93	1.93	0.00	30	
DUP 1711131.19	Lead	3.35	3.28	2.11	30	
DUP 1711131.19	Nickel	2.90	2.85	1.74	30	
DUP 1711131.19	Selenium	0.537	0.473	12.67	30	
DUP 1711131.19	Silver	< 0.050	0.012	NaN	30	J1
DUP 1711131.19	Thallium	< 0.050	0.040	NaN	30	J1
DUP 1711131.19	Zinc	9.59	9.57	0.21	30	
DUP2 1711131.29	Antimony	< 0.177	< 0.177	NaN	30	
DUP2 1711131.29	Arsenic	1.16	1.18	1.71	30	



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Metals, Total

Method : EPA 200.8

Units : mg/kg dw

QC Batch ID : Qb17112004

Samples in This QC Batch : 1711131.19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34

QC Type: Duplicate												
	QC Sample ID	Parameter	Result	QC Sample Result	RPD	RPD Ctrl Limits						Qual
DUP2	1711131.29	Beryllium	0.205	0.222	7.96	30						
DUP2	1711131.29	Cadmium	< 0.100	0.039	NaN	30						J1
DUP2	1711131.29	Chromium	3.75	3.63	3.25	30						
DUP2	1711131.29	Copper	2.13	2.18	2.32	30						
DUP2	1711131.29	Lead	4.09	4.10	0.24	30						
DUP2	1711131.29	Nickel	2.93	2.92	0.34	30						
DUP2	1711131.29	Selenium	0.423	0.438	3.48	30						
DUP2	1711131.29	Silver	< 0.050	0.013	NaN	30						J1
DUP2	1711131.29	Thallium	< 0.050	0.037	NaN	30						J1
DUP2	1711131.29	Zinc	9.84	9.72	1.23	30						

QC Type: LCS/LCSD											
	Parameter	LCS Spk Amt	LCS Result	LCS % Rec	LCSD Spk Amt	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
LCS	Antimony	10	10.1	101						85-115	
LCS	Arsenic	5	5.12	102						85-115	
LCS	Beryllium	2	2.01	101						85-115	
LCS	Cadmium	10	10.1	101						85-115	
LCS	Chromium	30	30.4	101						85-115	
LCS	Copper	10	10.2	102						85-115	
LCS	Lead	5	5.14	103						85-115	
LCS	Nickel	10	10.1	101						85-115	
LCS	Selenium	20	20.5	103						85-115	
LCS	Silver	5	5.04	101						85-115	
LCS	Thallium	5	5.21	104						85-115	
LCS	Zinc	20	20.4	102						85-115	

QC Type: MS/MSD													
	QC Sample ID	Parameter	Sample Result	MS Spk Amt	MS Result	MS % Rec	MSD Spk Amt	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
MS	1711131.19	Antimony	< 0.139	3.36	0.678	19.9						70-130	J1
MS	1711131.19	Arsenic	1.25	1.68	2.72	87.5						70-130	



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Metals, Total

Method : EPA 200.8

Units : mg/kg dw

QC Batch ID : Qb17112004

Samples in This QC Batch : 1711131.19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34

QC Type: MS/MSD

	QC Sample ID	Parameter	Sample Result	MS Spk Amt	MS Result	MS % Rec	MSD Spk Amt	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
MS	1711131.19	Beryllium	0.196	0.67	0.706	76.1						70-130	
MS	1711131.19	Cadmium	0.035	3.36	3.21	94.5						70-130	
MS	1711131.19	Chromium	3.46	10.07	13.2	96.7						70-130	
MS	1711131.19	Copper	1.93	3.36	4.59	79.2						70-130	
MS	1711131.19	Lead	3.28	1.68	5.60	138						70-130	J1
MS	1711131.19	Nickel	2.85	3.36	5.81	88.1						70-130	
MS	1711131.19	Selenium	0.473	6.71	5.73	78.3						70-130	
MS	1711131.19	Silver	0.012	1.68	1.58	93.3						70-130	
MS	1711131.19	Thallium	0.040	1.68	1.53	88.7						70-130	
MS	1711131.19	Zinc	9.57	6.71	19.4	146						70-130	J1
MS2	1711131.29	Antimony	< 0.177	2.65	0.231	8.39						70-130	J1
MS2	1711131.29	Arsenic	1.18	1.32	2.21	78						70-130	
MS2	1711131.29	Beryllium	0.222	0.53	0.594	70.2						70-130	
MS2	1711131.29	Cadmium	0.039	2.65	2.34	86.8						70-130	
MS2	1711131.29	Chromium	3.63	7.94	10.7	89						70-130	
MS2	1711131.29	Copper	2.18	2.65	4.02	69.4						70-130	J1
MS2	1711131.29	Lead	4.10	1.32	5.24	86.4						70-130	
MS2	1711131.29	Nickel	2.92	2.65	5.03	79.6						70-130	
MS2	1711131.29	Selenium	0.438	5.29	4.17	70.5						70-130	
MS2	1711131.29	Silver	0.013	1.32	1.16	86.9						70-130	
MS2	1711131.29	Thallium	0.037	1.32	1.03	75.2						70-130	
MS2	1711131.29	Zinc	9.72	5.29	18.0	157						70-130	J1

Refer to the Definition page for terms.



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Metals, Total by ICP-MS

Method : EPA 200.8

Units : ug/L

QC Batch ID : Qb17112007

Samples in This QC Batch : 1711131.01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,17

Sample Preparation PB17112006

Prep Method: EPA 200.2

Prep Date:

By: Cliles

QC Type: Method Blank

Parameter	CAS #	Result	DF	LRL	SDL	Qual
MB Antimony	7440-36-0	< 0.200	1	1.00	0.200	
MB Arsenic	7440-38-2	< 0.100	1	0.500	0.100	
MB Beryllium	7440-41-7	< 0.010	1	0.200	0.010	
MB Cadmium	7440-43-9	< 0.050	1	1.00	0.050	
MB Chromium	7440-47-3	< 0.080	1	3.00	0.080	
MB Copper	7440-50-8	0.305	1	1.00	0.200	
MB Lead	7439-92-1	< 0.100	1	0.500	0.100	
MB Nickel	7440-02-0	< 0.050	1	1.00	0.050	
MB Selenium	7782-49-2	< 0.333	1	2.00	0.333	
MB Silver	7440-22-4	< 0.030	1	0.500	0.030	
MB Thallium	7440-28-0	< 0.030	1	0.500	0.030	
MB Zinc	7440-66-6	0.541	1	2.00	0.200	

QC Type: Duplicate

QC Sample ID	Parameter	Result	QC Sample Result	RPD	RPD Ctrl Limits	Qual
DUP 1711131.01	Antimony	< 1.00	< 0.200		30	
DUP 1711131.01	Arsenic	< 0.500	< 0.100		30	
DUP 1711131.01	Beryllium	< 0.200	0.018		30	
DUP 1711131.01	Cadmium	< 1.00	< 0.050		30	
DUP 1711131.01	Chromium	< 3.00	< 0.080		30	
DUP 1711131.01	Copper	< 1.00	0.276		30	
DUP 1711131.01	Lead	< 0.500	0.872		30	
DUP 1711131.01	Nickel	< 1.00	< 0.050		30	
DUP 1711131.01	Selenium	< 0.333	< 0.333	NaN	30	
DUP 1711131.01	Silver	< 0.500	< 0.030		30	
DUP 1711131.01	Thallium	< 0.500	< 0.030		30	
DUP 1711131.01	Zinc	< 2.00	< 0.200		30	
DUP2 1711131.11	Antimony	< 1.00	< 1.00		30	
DUP2 1711131.11	Arsenic	19.5	20.2		30	



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Metals, Total by ICP-MS

Method : EPA 200.8

Units : ug/L

QC Batch ID : Qb17112007

Samples in This QC Batch : 1711131.01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,17

QC Type: Duplicate											
	QC Sample ID	Parameter	Result	QC Sample Result	RPD	RPD Ctrl Limits	Qual				
DUP2	1711131.11	Beryllium	< 0.200	< 0.050		30					
DUP2	1711131.11	Cadmium	< 1.00	< 0.250		30					
DUP2	1711131.11	Chromium	< 3.00	< 0.400		30					
DUP2	1711131.11	Copper	1.43	1.40		30					
DUP2	1711131.11	Lead	< 0.500	< 0.500		30					
DUP2	1711131.11	Nickel	1.30	1.38		30					
DUP2	1711131.11	Selenium	3.52	4.61	26.81	30					
DUP2	1711131.11	Silver	< 0.500	< 0.150		30					
DUP2	1711131.11	Thallium	< 0.500	< 0.150		30					
DUP2	1711131.11	Zinc	< 2.00	< 1.00		30					

QC Type: LCS/LCSD											
	Parameter	LCS Spk Amt	LCS Result	LCS % Rec	LCSD Spk Amt	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
LCS	Selenium	200	203	102						85-115	

QC Type: MS/MSD													
	QC Sample ID	Parameter	Sample Result	MS Spk Amt	MS Result	MS % Rec	MSD Spk Amt	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
MS	1711131.01	Selenium	< 0.333	200	199	99.4						70-130	
MS2	1711131.11	Selenium	4.61	200	178	86.7						70-130	

Refer to the Definition page for terms.



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Metals, Total

Method : EPA 245.1

Units : ug/L

QC Batch ID : Qb17112010

Samples in This QC Batch : 1711131.01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,17

Sample Preparation PB17112009

Prep Method: EPA 245.1

Prep Date:

By: Shernandez

QC Type: Method Blank

Parameter	CAS #	Result	DF	LRL	SDL	Qual
MB Mercury	7439-97-6	< 0.150	1	0.200	0.150	

QC Type: Duplicate

QC Sample ID	Parameter	Result	QC Sample Result	RPD	RPD Ctrl Limits	Qual
DUP 1711131.01	Mercury	< 0.150	< 0.150	NaN	30	
DUP2 1711131.11	Mercury	< 0.150	< 0.150	NaN	30	

QC Type: LCS/LCSD

Parameter	LCS Spk Amt	LCS Result	LCS % Rec	LCSD Spk Amt	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
LCS Mercury	5.00	5.08	102						90-110	

QC Type: MS/MSD

QC Sample ID	Parameter	Sample Result	MS Spk Amt	MS Result	MS % Rec	MSD Spk Amt	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
MS 1711131.01	Mercury	< 0.150	5.00	5.03	100						70-130	
MS2 1711131.11	Mercury	< 0.150	5.00	5.07	101						70-130	

Refer to the Definition page for terms.



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Metals, Dissolved

Method : EPA 200.8

Units : ug/L

QC Batch ID : Qb17112103

Samples in This QC Batch : 1711131.01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,17

Sample Preparation PB17112103

Prep Method: EPA 200.2

Prep Date:

By: Cliles

QC Type: Method Blank

Parameter	CAS #	Result	DF	LRL	SDL	Qual
MB Antimony	7440-36-0	< 0.200	1	1.00	0.200	
MB Arsenic	7440-38-2	< 0.100	1	0.500	0.100	
MB Beryllium	7440-41-7	< 0.010	1	0.200	0.010	
MB Cadmium	7440-43-9	< 0.050	1	1.00	0.050	
MB Chromium	7440-47-3	0.151	1	3.00	0.080	
MB Copper	7440-50-8	0.370	1	1.00	0.200	
MB Lead	7439-92-1	< 0.100	1	0.500	0.100	
MB Nickel	7440-02-0	< 0.050	1	1.00	0.050	
MB Selenium	7782-49-2	< 0.333	1	2.00	0.333	
MB Silver	7440-22-4	< 0.030	1	0.500	0.030	
MB Thallium	7440-28-0	< 0.030	1	0.500	0.030	
MB Zinc	7440-66-6	< 0.200	1	2.00	0.200	

QC Type: Duplicate

QC Sample ID	Parameter	Result	QC Sample Result	RPD	RPD Ctrl Limits	Qual
DUP 1711131.01	Antimony	< 0.200	< 0.200	NaN	30	
DUP 1711131.01	Arsenic	< 0.100	< 0.100	NaN	30	
DUP 1711131.01	Beryllium	< 0.200	0.018	NaN	30	J1
DUP 1711131.01	Cadmium	< 0.050	< 0.050	NaN	30	
DUP 1711131.01	Chromium	< 0.080	< 0.080	NaN	30	
DUP 1711131.01	Copper	4.40	0.276	176.39	30	J1
DUP 1711131.01	Lead	< 0.100	0.872	NaN	30	
DUP 1711131.01	Nickel	< 1.00	< 0.050	NaN	30	
DUP 1711131.01	Selenium	< 2.00	< 0.333		30	
DUP 1711131.01	Silver	< 0.030	< 0.030	NaN	30	
DUP 1711131.01	Thallium	< 0.030	< 0.030	NaN	30	
DUP 1711131.01	Zinc	2.00	< 0.200	NaN	30	
DUP2 1711131.11	Antimony	1.34	< 1.00	NaN	30	
DUP2 1711131.11	Arsenic	19.0	20.2	6.10	30	



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Metals, Dissolved

Method : EPA 200.8

Units : ug/L

QC Batch ID : Qb17112103

Samples in This QC Batch : 1711131.01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,17

QC Type: Duplicate												
	QC Sample ID	Parameter	Result	QC Sample Result	RPD	RPD Ctrl Limits						Qual
DUP2	1711131.11	Beryllium	< 0.050	< 0.050	NaN	30						
DUP2	1711131.11	Cadmium	< 0.250	< 0.250	NaN	30						
DUP2	1711131.11	Chromium	< 0.400	< 0.400	NaN	30						
DUP2	1711131.11	Copper	1.66	1.40	16.99	30						
DUP2	1711131.11	Lead	< 0.500	< 0.500	NaN	30						
DUP2	1711131.11	Nickel	1.13	1.38	19.92	30						
DUP2	1711131.11	Selenium	3.77	4.61		30						
DUP2	1711131.11	Silver	< 0.150	< 0.150	NaN	30						
DUP2	1711131.11	Thallium	< 0.150	< 0.150	NaN	30						
DUP2	1711131.11	Zinc	< 2.00	< 1.00	NaN	30						

QC Type: LCS/LCSD											
	Parameter	LCS Spk Amt	LCS Result	LCS % Rec	LCSD Spk Amt	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
LCS	Antimony	100	105	105						85-115	
LCS	Arsenic	50	51.3	103						85-115	
LCS	Beryllium	20	21.6	108						85-115	
LCS	Cadmium	100	103	103						85-115	
LCS	Chromium	300	307	102						85-115	
LCS	Copper	100	103	103						85-115	
LCS	Lead	50	51.4	103						85-115	
LCS	Nickel	100	102	102						85-115	
LCS	Silver	50	51.3	103						85-115	
LCS	Thallium	50	51.4	103						85-115	
LCS	Zinc	200	209	105						85-115	

QC Type: MS/MSD													
	QC Sample ID	Parameter	Sample Result	MS Spk Amt	MS Result	MS % Rec	MSD Spk Amt	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
MS	1711131.01	Antimony	< 0.200	100	106	106						70-130	
MS	1711131.01	Arsenic	< 0.100	50	50.7	101						70-130	
MS	1711131.01	Beryllium	0.018	20	21.3	106						70-130	



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Metals, Dissolved

Method : EPA 200.8

Units : ug/L

QC Batch ID : Qb17112103

Samples in This QC Batch : 1711131.01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,17

QC Type: MS/MSD													
	QC Sample ID	Parameter	Sample Result	MS Spk Amt	MS Result	MS % Rec	MSD Spk Amt	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
MS	1711131.01	Cadmium	< 0.050	100	101	101						70-130	
MS	1711131.01	Chromium	< 0.080	300	309	103						70-130	
MS	1711131.01	Copper	0.276	100	108	108						70-130	
MS	1711131.01	Lead	0.872	50	51.4	101						70-130	
MS	1711131.01	Nickel	< 0.050	100	102	102						70-130	
MS	1711131.01	Silver	< 0.030	50	51.3	103						70-130	
MS	1711131.01	Thallium	< 0.030	50	51.7	103						70-130	
MS	1711131.01	Zinc	< 0.200	200	206	103						70-130	
MS2	1711131.11	Antimony	< 1.00	100	103	102						70-130	
MS2	1711131.11	Arsenic	20.2	50	69.1	97.8						70-130	
MS2	1711131.11	Beryllium	< 0.050	20	20.6	103						70-130	
MS2	1711131.11	Cadmium	< 0.250	100	89.4	89.4						70-130	
MS2	1711131.11	Chromium	< 0.400	300	317	106						70-130	
MS2	1711131.11	Copper	1.40	100	99.2	97.8						70-130	
MS2	1711131.11	Lead	< 0.500	50	47.8	95.2						70-130	
MS2	1711131.11	Nickel	1.38	100	99.2	97.8						70-130	
MS2	1711131.11	Silver	< 0.150	50	45.8	91.6						70-130	
MS2	1711131.11	Thallium	< 0.150	50	41.1	82.2						70-130	
MS2	1711131.11	Zinc	< 1.00	200	174	86.5						70-130	

Refer to the Definition page for terms.



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Metals, Total

Method : SW846 7471B

Units : mg/kg dw

QC Batch ID : Qb17112111

Samples in This QC Batch : 1711131.19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34

Sample Preparation PB17112110

Prep Method: SW846 7471B

Prep Date:

By: Sernandez

QC Type: Method Blank

Parameter	CAS #	Result	DF	LRL	SDL	Qual
MB Mercury	7439-97-6	< 0.010	1	0.020	0.010	

QC Type: LCS/LCSD

Parameter	LCS Spk Amt	LCS Result	LCS % Rec	LCSD Spk Amt	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
LCS Mercury	.25	0.258	103						80-120	

QC Type: MS/MSD

QC Sample ID	Parameter	Sample Result	MS Spk Amt	MS Result	MS % Rec	MSD Spk Amt	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
MS 1711131.19	Mercury	< 0.028	0.0893	0.118	123	.0867	0.114	122	3.45	30	80-120	J1
MS2 1711131.29	Mercury	< 0.035	0.0655	0.090	122	.0652	0.091	124	1.11	30	80-120	J1

Refer to the Definition page for terms.



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Polychlorinated Biphenyls

Method : SW846 8082A

Units : ug/kg dw

QC Batch ID : Qb17112116

Samples in This QC Batch : 1711131.19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34

Sample Preparation PB17112113

Prep Method: SW846 3570

Prep Date:

By: Sotruba

QC Type: Method Blank

Parameter	CAS #	Result	DF	LRL	SDL	Qual
MB Total PCBs		< 1.00	1	2.00	1.00	
MB 2,4,5,6 Tetrachloro-m-xylene (Surr)		0.452	1			
MB Decachlorobiphenyl (Surr)	2051-24-3	0.485	1			

QC Type: LCS/LCSD

Parameter	LCS Spk Amt	LCS Result	LCS % Rec	LCSD Spk Amt	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
LCSD Total PCBs	6	5.05	84.2	6	5.33	88.8	5.39	40	60-140	
LCS 2,4,5,6 Tetrachloro-m-xylene (Surr)	0.6	0.480	80.0	0.6	0.487	81.2			60-140	
LCS Decachlorobiphenyl (Surr)	0.6	0.539	89.8	0.6	0.543	90.5			60-140	

QC Type: MS/MSD

QC Sample ID	Parameter	Sample Result	MS Spk Amt	MS Result	MS % Rec	MSD Spk Amt	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
MS 1711131.19	Total PCBs	< 2.77	6	3.52	58.7	6	4.43	73.8	22.89	40	60-140	J1
MS 1711131.19	2,4,5,6 Tetrachloro-m-xylene (Surr)		0.6	0.348	58	0.6	0.448	74.7			60-140	S
MS 1711131.19	Decachlorobiphenyl (Surr)		0.6	0.376	62.7	0.6	0.464	77.3			60-140	

Refer to the Definition page for terms.



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Organochlorine Pesticides

Method : SW846 8081B

Units : ug/kg dw

QC Batch ID : Qb17120103

Samples in This QC Batch : 1711131.19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34

Sample Preparation PB17120102

Prep Method: SW846 3570

Prep Date:

By: Sotruba

QC Type: Method Blank

Parameter	CAS #	Result	DF	LRL	SDL	Qual
MB 4,4-DDD	72-54-8	< 0.150	1	0.300	0.150	
MB 4,4-DDE	72-55-9	< 0.150	1	0.300	0.150	
MB 4,4-DDT	50-29-3	< 0.150	1	0.300	0.150	
MB a-BHC	319-84-6	< 0.150	1	0.300	0.150	
MB a-Chlordane	5103-71-9	< 0.150	1	0.300	0.150	
MB Aldrin	309-00-2	< 0.150	1	0.300	0.150	
MB b-BHC	319-85-7	< 0.150	1	0.300	0.150	
MB Chlordane	57-74-9	< 0.150	1	0.300	0.150	
MB d-BHC	319-86-8	< 0.150	1	0.300	0.150	
MB Dieldrin	60-57-1	< 0.150	1	0.300	0.150	
MB Endosulfan I	959-98-8	< 0.150	1	0.300	0.150	
MB Endosulfan II	33213-65-9	< 0.150	1	0.300	0.150	
MB Endosulfan sulfate	1031-07-8	< 0.150	1	0.300	0.150	
MB Endrin	72-20-8	< 0.150	1	0.300	0.150	
MB Endrin aldehyde	7421-93-4	< 0.150	1	0.300	0.150	
MB Endrin ketone	53494-70-5	< 0.150	1	0.300	0.150	
MB g-BHC	58-89-9	< 0.150	1	0.300	0.150	
MB Heptachlor	76-44-8	< 0.150	1	0.300	0.150	
MB Heptachlor epoxide	1024-57-3	< 0.150	1	0.300	0.150	
MB Toxaphene	8001-35-2	< 0.150	1	0.300	0.150	
MB γ-Chlordane	5103-74-2	< 0.150	1	0.300	0.150	
MB Decachlorobiphenyl (Surr)	2051-24-3	5.13	1			
MB 2,4,5,6 Tetrachloro-m-xylene (Surr)		4.18	1			

QC Type: LCS/LCSD

Parameter	LCS Spk Amt	LCS Result	LCS % Rec	LCSD Spk Amt	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
LCSD 4,4-DDD	6	6.47	108	6	5.76	96	11.61	40	60-140	
LCSD 4,4-DDE	6	6.16	103	6	5.51	91.8	11.14	40	60-140	



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Organochlorine Pesticides

Method : SW846 8081B

Units : ug/kg dw

QC Batch ID : Qb17120103

Samples in This QC Batch : 1711131.19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34

QC Type: LCS/LCSD

Parameter	LCS Spk Amt	LCS Result	LCS % Rec	LCSD Spk Amt	LCSD Result	LCSD % Rec	RPD	RPD CtrLimit	%Recovery CtrLimit	Qual	
LCS	4,4-DDT	6	6.71	112	6	5.60	93.3	18.03	40	60-140	
LCS	a-BHC	6	6.65	111	6	5.45	90.8	19.83	40	60-140	
LCS	Aldrin	6	6.15	103	6	5.27	87.8	15.41	40	60-140	
LCS	b-BHC	6	6.44	107	6	5.33	88.8	18.86	40	60-140	
LCS	Chlordane	24	24.4	102	24	21.6	90	12.20	40	60-140	
LCS	d-BHC	6	6.52	109	6	6.34	106	2.80	40	60-140	
LCS	Dieldrin	6	5.91	98.5	6	5.28	88	11.26	40	60-140	
LCS	Endosulfan I	6	4.18	69.7	6	3.67	61.2	12.99	40	60-140	
LCS	Endosulfan II	6	4.47	74.5	6	4.03	67.2	10.35	40	60-140	
LCS	Endosulfan sulfate	6	5.82	97.0	6	5.05	84.2	14.17	40	60-140	
LCS	Endrin	6	4.90	81.7	6	3.99	66.5	20.47	40	60-140	
LCS	Endrin aldehyde	6	6.11	102	6	5.66	94.3	7.65	40	60-140	
LCS	Endrin ketone	6	7.26	121	6	6.48	108	11.35	40	60-140	
LCS	g-BHC	6	6.71	112	6	5.71	95.2	16.10	40	60-140	
LCS	Heptachlor	6	6.44	107	6	6.42	107	0.31	40	60-140	
LCS	Heptachlor epoxide	6	6.35	106	6	5.62	93.7	12.20	40	60-140	
LCS	Decachlorobiphenyl (Surr)	6	5.31	88.5	6	4.95	82.5			60-140	
LCS	2,4,5,6 Tetrachloro-m-xylene (Surr)	6	5.35	63.8	6	4.47	50.5			60-140	S

QC Type: MS/MSD

QC Sample ID	Parameter	Sample Result	MS Spk Amt	MS Result	MS % Rec	MSD Spk Amt	MSD Result	MSD % Rec	RPD	RPD CtrLimit	%Rec CtrLimit	Qual	
MS	1711131.19	4,4-DDD	< 0.416	6	5.26	87.7	6	5.86	97.7	10.79	40	60-140	
MS	1711131.19	4,4-DDE	< 0.416	6	4.64	77.3	6	5.34	89	14.03	40	60-140	
MS	1711131.19	4,4-DDT	< 0.416	6	4.68	78	6	5.51	91.8	16.29	40	60-140	
MS	1711131.19	a-BHC	< 0.416	6	4.40	73.3	6	5.33	88.8	19.12	40	60-140	
MS	1711131.19	a-Chlordane	< 0.416	6	4.28	71.3	6	5.16	86	18.64	40	60-140	
MS	1711131.19	Aldrin	< 0.416	6	4.17	69.5	6	5.01	83.5	18.30	40	60-140	
MS	1711131.19	b-BHC	< 0.416	6	5.22	87	6	5.86	97.7	11.55	40	60-140	
MS	1711131.19	Chlordane	< 0.416	24	15.9	66.3	24	20.2	84.2	23.80	40	60-140	



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Organochlorine Pesticides

Method : SW846 8081B

Units : ug/kg dw

QC Batch ID : Qb17120103

Samples in This QC Batch : 1711131.19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34

QC Type: MS/MSD

	QC Sample ID	Parameter	Sample Result	MS Spk Amt	MS Result	MS % Rec	MSD Spk Amt	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
MS	1711131.19	d-BHC	< 0.416	6	7.36	123	6	6.15	103	17.91	40	60-140	
MS	1711131.19	Dieldrin	< 0.416	6	4.17	69.5	6	4.97	82.8	17.51	40	60-140	
MS	1711131.19	Endosulfan II	< 0.416	6	3.46	57.7	6	3.85	64.2	10.67	40	60-140	J1
MS	1711131.19	Endosulfan sulfate	< 0.416	6	4.56	76	6	5.45	90.8	17.78	40	60-140	
MS	1711131.19	Endrin	< 0.416	6	3.98	66.3	6	5.14	85.7	25.44	40	60-140	
MS	1711131.19	Endrin aldehyde	< 0.416	6	3.74	62.3	6	4.14	69	10.15	40	60-140	
MS	1711131.19	Endrin ketone	< 0.416	6	5.48	91.3	6	5.82	97	6.02	40	60-140	
MS	1711131.19	g-BHC	< 0.416	6	4.59	76.5	6	5.65	94.2	20.70	40	60-140	
MS	1711131.19	Heptachlor	< 0.416	6	64.7	1078	6	42.6	710	41.20	40	60-140	J1
MS	1711131.19	Heptachlor epoxide	< 0.416	6	4.38	73	6	5.27	87.8	18.45	40	60-140	
MS	1711131.19	γ-Chlordane	< 0.416	6	3.33	55.5	6	4.73	78.8	34.74	40	60-140	J1
MS	1711131.19	Decachlorobiphenyl (Surr)		6	4.33	72.2	6	4.51	75.2			60-140	
MS	1711131.19	2,4,5,6 Tetrachloro-m-xylene (Surr)		6	3.92	55	6	4.25	63.2			60-140	S

Refer to the Definition page for terms.



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Total Petroleum Hydrocarbons

Method : TCEQ 1005

Units : mg/L

QC Batch ID : Qb17120118

Samples in This QC Batch : 1711131.04,05,06,07,08,09,10,11,12,13,14,15,16,17

Sample Preparation PB17120109

Prep Method: TCEQ 1005

Prep Date:

By: Emiller

QC Type: Method Blank

Parameter	CAS #	Result	DF	LRL	SDL	Qual
MB TPH, C6-C35		< 3.22	1	10.0	3.22	
MB 1-Chlorooctane (Surr)	111-85-3	29.3	1			
MB 1-Chlorooctadecane (Surr)		29.4	1			

QC Type: LCS/LCSD

Parameter	LCS Spk Amt	LCS Result	LCS % Rec	LCSD Spk Amt	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
LCSD TPH, C6-C35	66.67	42.1	63.2	66.67	48.1	72.1	13.21	20	75-125	J1
LCS 1-Chlorooctane (Surr)	33.33	23.9	71.8	33.33	26.2	78.7			70-130	
LCS 1-Chlorooctadecane (Surr)	33.33	23.9	71.6	33.33	26.2	78.7			70-130	

QC Type: MS/MSD

QC Sample ID	Parameter	Sample Result	MS Spk Amt	MS Result	MS % Rec	MSD Spk Amt	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
MS 1711131.04	TPH, C6-C35	< 3.22	66.67	49.9	74.1	66.67	49.5	73.5	0.93	20	75-125	J1
MS 1711131.04	1-Chlorooctane (Surr)		33.33	26.2	78.6	33.33	26.3	78.8			70-130	
MS 1711131.04	1-Chlorooctadecane (Surr)		33.33	29.5	88.6	33.33	27.7	83			70-130	

Refer to the Definition page for terms.



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Total Petroleum Hydrocarbons

Method : TCEQ 1005

Units : mg/kg dw

QC Batch ID : Qb17120119

Samples in This QC Batch : 1711131.19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34

Sample Preparation PB17120110

Prep Method: TCEQ 1005

Prep Date:

By: Emiller

QC Type: Method Blank

Parameter	CAS #	Result	DF	LRL	SDL	Qual
MB TPH, C6-C35		< 10.0	1	50.0	10.0	
MB 1-Chlorooctane (Surr)	111-85-3	185	1			S
MB 1-Chlorooctadecane (Surr)		175	1			S

QC Type: LCS/LCSD

Parameter	LCS Spk Amt	LCS Result	LCS % Rec	LCSD Spk Amt	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
LCSD TPH, C6-C35	500	379	75.8	500	353	70.5	7.14	20	75-125	J1
LCS 1-Chlorooctane (Surr)	250	188	75.3	250	184	73.4			75-125	S
LCS 1-Chlorooctadecane (Surr)	250	202	80.8	250	189	75.7			75-125	

QC Type: MS/MSD

QC Sample ID	Parameter	Sample Result	MS Spk Amt	MS Result	MS % Rec	MSD Spk Amt	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
MS 1711131.19	TPH, C6-C35	< 27.7	500	355	69.9	500	335	65.9	5.76	20	75-125	J1
MS 1711131.19	1-Chlorooctane (Surr)		250	193	77.3	250	195	78.2			75-125	
MS 1711131.19	1-Chlorooctadecane (Surr)		250	181	72.5	250	192	76.8			75-125	S

Refer to the Definition page for terms.



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Semivolatile Organic Compounds

Method : SW846 8270D

Units : ug/L

QC Batch ID : Qb17121803

Samples in This QC Batch : 1711131.04,05,06,07,08,09,10,11,12,13,14,15,16,17

Sample Preparation PB17121803

Prep Method: SW846 3511

Prep Date:

By: Sotruba

QC Type: Method Blank

Parameter	CAS #	Result	DF	LRL	SDL	Qual
MB benzo(b&k)fluoranthene		< 0.281	1	0.562	0.281	
MB 1,2,4-Trichlorobenzene	120-82-1	< 0.281	1	0.562	0.281	
MB 1,2-Dichlorobenzene	95-50-1	< 0.281	1	0.562	0.281	
MB 1,2-Diphenylhydrazine as Azobenzene	122-66-7	< 0.281	1	0.562	0.281	
MB 1,3-Dichlorobenzene	541-73-1	< 0.281	1	0.562	0.281	
MB 1,4-Dichlorobenzene	106-46-7	< 0.281	1	0.562	0.281	
MB 2,4,6-Trichlorophenol	88-06-2	< 0.56	1	1.12	0.56	
MB 2,4-Dichlorophenol	120-83-2	< 0.56	1	1.12	0.56	
MB 2,4-Dimethylphenol	105-67-9	< 0.56	1	1.12	0.56	
MB 2,4-Dinitrophenol	51-28-5	< 9.00	1	18.0	9.00	
MB 2,4-Dinitrotoluene	121-14-2	1.36	1	0.562	0.281	B
MB 2,6-Dinitrotoluene	606-20-2	0.81	1	0.562	0.281	B
MB 2-Chloronaphthalene	91-58-7	2.14	1	0.562	0.281	B
MB 2-Chlorophenol	95-57-8	< 0.56	1	1.12	0.56	
MB 2-Nitrophenol	88-75-5	< 0.56	1	1.12	0.56	
MB 3,3-Dichlorobenzidine	91-94-1	< 0.281	1	0.562	0.281	
MB 4,6-Dinitro-2-methylphenol	534-52-1	< 0.56	1	1.12	0.56	
MB 4-Bromophenyl phenyl ether	101-55-3	< 0.281	1	0.562	0.281	
MB 4-Chloro-3-methylphenol	59-50-7	< 0.56	1	1.12	0.56	
MB 4-Chlorophenyl phenyl ether	7005-72-3	< 0.281	1	0.562	0.281	
MB 4-Nitrophenol	100-02-7	< 0.56	1	1.12	0.56	
MB Acenaphthene	83-32-9	< 0.281	1	0.562	0.281	
MB Acenaphthylene	208-96-8	< 0.281	1	0.562	0.281	
MB Anthracene	120-12-7	< 0.281	1	0.562	0.281	
MB Benzidine	92-87-5	< 0.142	1	0.430	0.142	
MB Benzo(a)anthracene	56-55-3	< 0.281	1	0.562	0.281	
MB Benzo(a)pyrene	50-32-8	< 0.281	1	0.562	0.281	
MB Benzo(b)fluoranthene	205-99-2	< 0.281	1	0.562	0.281	
MB Benzo(g,h,i)perylene	191-24-2	< 0.281	1	0.562	0.281	
MB Benzo(k)fluoranthene	207-08-9	< 0.281	1	0.562	0.281	



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Semivolatile Organic Compounds

Method : SW846 8270D

Units : ug/L

QC Batch ID : Qb17121803

Samples in This QC Batch : 1711131.04,05,06,07,08,09,10,11,12,13,14,15,16,17

QC Type: Method Blank							
Parameter	CAS #	Result	DF	LRL	SDL	Qual	
MB Bis(2-chloroethoxy) methane	111-91-1	< 0.281	1	0.562	0.281		
MB Bis(2-chloroethyl) ether	111-44-4	1.24	1	0.562	0.281	B	
MB Bis(2-chloroisopropyl) ether	108-60-1	< 0.281	1	0.562	0.281		
MB Bis(2-ethylhexyl)phthalate	117-81-7	< 0.281	1	0.562	0.281		
MB Butyl benzyl phthalate	85-68-7	< 0.281	1	0.562	0.281		
MB Chrysene	218-01-9	< 0.281	1	0.562	0.281		
MB Dibenzo(a,h)anthracene	53-70-3	< 0.281	1	0.562	0.281		
MB Diethyl phthalate	84-66-2	< 0.281	1	0.562	0.281		
MB Dimethyl phthalate	131-11-3	< 0.281	1	0.562	0.281		
MB Di-n-butyl phthalate	84-74-2	< 0.281	1	0.562	0.281		
MB Di-n-octyl Phthalate	117-84-0	< 0.281	1	0.562	0.281		
MB Fluoranthene	206-44-0	< 0.281	1	0.562	0.281		
MB Fluorene	86-73-7	< 0.281	1	0.562	0.281		
MB Hexachlorobenzene	118-74-1	< 0.281	1	0.562	0.281		
MB Hexachlorobutadiene	87-68-3	< 0.281	1	0.562	0.281		
MB Hexachlorocyclopentadiene	77-47-4	< 0.281	1	0.562	0.281		
MB Hexachloroethane	67-72-1	< 0.281	1	0.562	0.281		
MB Indeno(1,2,3-cd)pyrene	193-39-5	< 0.281	1	0.562	0.281		
MB Isophorone	78-59-1	< 0.281	1	0.562	0.281		
MB Naphthalene	91-20-3	< 0.281	1	0.562	0.281		
MB Nitrobenzene	98-95-3	< 0.281	1	0.562	0.281		
MB n-Nitrosodimethylamine	62-75-9	< 0.281	1	0.562	0.281		
MB n-nitroso-di-n-propylamine	621-64-7	< 0.281	1	0.562	0.281		
MB n-Nitrosodiphenylamine	86-30-6	< 0.281	1	0.562	0.281		
MB Pentachlorophenol	87-86-5	< 0.56	1	1.12	0.56		
MB Phenanthrene	85-01-8	< 0.281	1	0.562	0.281		
MB Phenol	108-95-2	< 0.56	1	1.12	0.56		
MB Pyrene	129-00-0	< 0.281	1	0.562	0.281		
MB 2-Fluorophenol (Surr)	367-12-4	8.38	1			S	
MB Phenol-d5 (Surr)		17.6	1				
MB Nitrobenzene-d5 (Surr)	4165-60-0	9.94	1				
MB 2-Fluorobiphenyl (Surr)	132-60-8	8.55	1				



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Semivolatile Organic Compounds

Method : SW846 8270D

Units : ug/L

QC Batch ID : Qb17121803

Samples in This QC Batch : 1711131.04,05,06,07,08,09,10,11,12,13,14,15,16,17

QC Type: Method Blank

Parameter	CAS #	Result	DF	LRL	SDL	Qual
MB 2,4,6-Tribromophenol (Surr)	118-79-6	16.5	1			
MB Terphenyl-d14 (Surr)		9.00	1			

QC Type: LCS/LCSD

Parameter	LCS Spk Amt	LCS Result	LCS % Rec	LCSD Spk Amt	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
LCSD 1,2,4-Trichlorobenzene	10.0	10.9	109	10.0	8.59	85.9	24.14	40	60-140	
LCSD 1,2-Dichlorobenzene	10.0	14.6	146	10.0	9.22	92.2	45.36	40	60-140	J1
LCSD 1,2-Diphenylhydrazine as Azobenzene	10.0	13.6	136	10.0	10.9	109	21.93	40	60-140	
LCSD 1,3-Dichlorobenzene	10.0	9.94	99.4	10.0	8.51	85.1	15.48	40	60-140	
LCSD 1,4-Dichlorobenzene	10.0	11.6	116	10.0	10.3	103	11.56	40	60-140	
LCSD 2,4,6-Trichlorophenol	20.0	2.34	11.7	20.0	2.07	10.3	12.16	40	60-140	J1
LCSD 2,4-Dichlorophenol	20.0	42.7	214	20.0	31.1	156	31.50	40	60-140	J1
LCSD 2,4-Dimethylphenol	20.0	19.8	99.1	20.0	20.2	101	1.90	40	60-140	
LCSD 2,4-Dinitrophenol	20.0	< 18.0	30.0	20.0	< 18.0	30.2	NaN	40	60-140	J1
LCSD 2,4-Dinitrotoluene	10.0	9.66	96.6	10.0	9.93	99.3	2.77	40	60-140	
LCSD 2,6-Dinitrotoluene	10.0	19.1	191	10.0	16.6	166	13.78	40	60-140	J1
LCSD 2-Chloronaphthalene	10.0	3.43	34.3	10.0	11.6	116	108.64	40	60-140	J1
LCSD 2-Chlorophenol	10.0	16.3	163	20.0	19.9	99.5	20.14	40	60-140	J1
LCSD 2-Nitrophenol	20.0	24.8	124	20.0	22.2	111	10.90	40	60-140	
LCSD 3,3-Dichlorobenzidine	10.0	25.3	253	10.0	40.6	406	46.43	40	60-140	J1
LCSD 4,6-Dinitro-2-methylphenol	20.0	18.6	93.0	20.0	17.5	87.7	6.13	40	60-140	
LCSD 4-Bromophenyl phenyl ether	10.0	12.4	124	10.0	9.81	98.1	23.01	40	60-140	
LCSD 4-Chloro-3-methylphenol	20.0	27.4	137	20.0	35.3	177	25.23	40	60-140	J1
LCSD 4-Chlorophenyl phenyl ether	10.0	12.8	128	10.0	10.5	105	19.89	40	60-140	
LCSD 4-Nitrophenol	20.0	24.4	122	20.0	22.0	110	10.19	40	60-140	
LCSD Acenaphthene	10.0	11.9	119	10.0	9.94	99.4	17.89	40	60-140	
LCSD Acenaphthylene	10.0	12.5	125	10.0	10.5	105	17.77	40	60-140	
LCSD Anthracene	10.0	12.3	123	10.0	10.1	101	19.62	40	60-140	
LCSD Benzidine	10.0	12.5	125	10.0	15.2	152	19.26	40	30-55	J1
LCSD Benzo(a)anthracene	10.0	10.6	106	10.0	9.01	90.1	15.90	40	60-140	



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Semivolatile Organic Compounds

Method : SW846 8270D

Units : ug/L

QC Batch ID : Qb17121803

Samples in This QC Batch : 1711131.04,05,06,07,08,09,10,11,12,13,14,15,16,17

QC Type: LCS/LCSD

	Parameter	LCS Spk Amt	LCS Result	LCS % Rec	LCSD Spk Amt	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
LCSD	Benzo(a)pyrene	10.0	16.5	165	10.0	17.8	178	7.33	40	60-140	J1
LCSD	benzo(b&k)fluoranthene	10.0	22.9	229	10.0	20.3	203	12.17	40	60-140	J1
LCSD	Benzo(b)fluoranthene	10.0	12.0	120	10.0	10.2	102	15.82	40	60-140	
LCSD	Benzo(g,h,i)perylene	10.0	17.1	171	10.0	18.4	184	7.52	40	60-140	J1
LCSD	Benzo(k)fluoranthene	10.0	12.0	120	10.0	10.2	102	16.05	40	60-140	
LCSD	Bis(2-chloroethoxy) methane	10.0	15.0	150	10.0	11.9	119	23.28	40	60-140	J1
LCSD	Bis(2-chloroethyl) ether	10.0	6.96	69.6	10.0	8.24	82.4	16.81	40	60-140	
LCSD	Bis(2-chloroisopropyl) ether	10.0	11.0	110	10.0	8.84	88.4	21.51	40	60-140	
LCSD	Bis(2-ethylhexyl)phthalate	10.0	11.1	111	10.0	9.14	91.4	19.03	40	60-140	
LCSD	Butyl benzyl phthalate	10.0	9.54	95.4	10.0	8.06	80.6	16.79	40	60-140	
LCSD	Chrysene	10.0	11.1	111	10.0	9.45	94.5	15.83	40	60-140	
LCSD	Dibenzo(a,h)anthracene	10.0	16.1	161	10.0	17.7	177	9.30	40	60-140	J1
LCSD	Diethyl phthalate	10.0	10.6	106	10.0	8.84	88.4	18.19	40	60-140	
LCSD	Dimethyl phthalate	10.0	12.5	125	10.0	10.5	105	17.19	40	60-140	
LCSD	Di-n-butyl phthalate	10.0	13.0	130	10.0	11.1	111	16.01	40	60-140	
LCSD	Di-n-octyl Phthalate	10.0	10.9	109	10.0	8.82	88.2	21.48	40	60-140	
LCSD	Fluoranthene	10.0	10.6	106	10.0	9.09	90.9	15.20	40	60-140	
LCSD	Fluorene	10.0	14.2	142	10.0	11.7	117	19.42	40	60-140	J1
LCSD	Hexachlorobenzene	10.0	13.8	138	10.0	14.0	140	1.11	40	60-140	
LCSD	Hexachlorobutadiene	10.0	7.93	79.3	10.0	8.60	86	8.06	40	60-140	
LCSD	Hexachlorocyclopentadiene	10.0	8.07	80.7	10.0	8.08	80.8	0.15	40	60-140	
LCSD	Hexachloroethane	10.0	6.36	63.6	10.0	6.89	68.9	7.96	40	60-140	
LCSD	Indeno(1,2,3-cd)pyrene	10.0	12.4	124	10.0	10.4	104	17.76	40	60-140	
LCSD	Isophorone	10.0	11.5	115	10.0	9.78	97.8	16.19	40	60-140	
LCSD	Naphthalene	10.0	12.3	123	10.0	9.81	98.1	22.85	40	60-140	
LCSD	Nitrobenzene	10.0	11.1	111	10.0	9.08	90.8	20.04	40	60-140	
LCSD	n-Nitrosodimethylamine	10.0	14.5	145	10.0	11.4	114	24.14	40	60-140	J1
LCSD	n-nitroso-di-n-propylamine	10.0	38.4	384	10.0	34.9	349	9.66	40	60-140	J1
LCSD	n-Nitrosodiphenylamine	20.0	12.3	61.7	10	10.2	102	18.93	40	60-140	
LCSD	Pentachlorophenol	20.0	21.7	109	20.0	17.9	89.6	19.22	40	60-140	
LCSD	Phenanthrene	10.0	11.4	114	10.0	9.49	94.9	18.63	40	60-140	
LCSD	Phenol	20.0	26.4	132	20.0	21.8	109	19.07	40	60-140	



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Semivolatile Organic Compounds

Method : SW846 8270D

Units : ug/L

QC Batch ID : Qb17121803

Samples in This QC Batch : 1711131.04,05,06,07,08,09,10,11,12,13,14,15,16,17

QC Type: LCS/LCSD												
	Parameter	LCS Spk Amt	LCS Result	LCS % Rec	LCSD Spk Amt	LCSD Result	LCSD % Rec	RPD	RPD CtrLimit	%Recovery CtrLimit	Qual	
LCSD	Pyrene	10.0	9.20	92.0	10.0	7.60	76	19.05	40	60-140		
LCS	2-Fluorophenol (Surr)	20.0	10.0	50.2	20.0	18.5	92.7			60-140		S
LCS	Phenol-d5 (Surr)	20.0	30.2	151	20.0	26.2	131			60-140		S
LCS	Nitrobenzene-d5 (Surr)	10.0	13.0	130	10.0	10.6	106			60-140		
LCS	2-Fluorobiphenyl (Surr)	10.0	8.95	89.5	10.0	7.68	76.8			60-140		
LCS	2,4,6-Tribromophenol (Surr)	20.0	22.5	113	20.0	20.6	103			60-140		
LCS	Terphenyl-d14 (Surr)	10.0	9.27	92.7	10.0	7.57	75.7			60-140		

QC Type: MS/MSD													
	QC Sample ID	Parameter	Sample Result	MS Spk Amt	MS Result	MS % Rec	MSD Spk Amt	MSD Result	MSD % Rec	RPD	RPD CtrLimit	%Rec CtrLimit	Qual
MS	1711131.04	1,2,4-Trichlorobenzene	< 0.281	10.0	9.38	93.8	10.0	8.90	89	5.31	40	60-140	
MS	1711131.04	1,2-Dichlorobenzene	< 0.281	10.0	9.60	96	10.0	10.4	104	7.76	40	60-140	
MS	1711131.04	1,2-Diphenylhydrazine as Azobenzene	< 0.281	10.0	11.2	112	10.0	11.3	113	0.39	40	60-140	
MS	1711131.04	1,3-Dichlorobenzene	< 0.281	10.0	9.14	91.4	10.0	7.71	77.1	16.91	40	60-140	
MS	1711131.04	1,4-Dichlorobenzene	< 0.281	10.0	10.2	102	10.0	9.81	98.1	3.51	40	60-140	
MS	1711131.04	2,4,6-Trichlorophenol	< 0.56	20.0	2.20	11	20.0	2.22	11.1	0.98	40	60-140	J1
MS	1711131.04	2,4-Dichlorophenol	< 0.56	20.0	21.5	107	20.0	30.6	153	35.18	40	60-140	J1
MS	1711131.04	2,4-Dimethylphenol	< 0.56	20.0	6.33	31.6	20.0	20.6	103	105.86	40	60-140	J1
MS	1711131.04	2,4-Dinitrophenol	< 9.00	20.0	5.47	27.3	20.0	< 9.00	25.7	6.22	40	60-140	J1
MS	1711131.04	2,4-Dinitrotoluene	< 0.281	10.0	10.4	104	10.0	9.59	95.9	7.87	40	60-140	
MS	1711131.04	2,6-Dinitrotoluene	< 0.281	10.0	16.5	165	10.0	16.7	167	1.49	40	60-140	J1
MS	1711131.04	2-Chloronaphthalene	< 0.281	10.0	3.13	31.3	10.0	13.6	136	124.92	40	60-140	J1
MS	1711131.04	2-Chlorophenol	< 0.56	20.0	26.1	131	10.0	23.4	234	10.85	40	60-140	J1
MS	1711131.04	2-Nitrophenol	< 0.56	20.0	22.6	113	20.0	21.0	105	7.31	40	60-140	
MS	1711131.04	3,3-Dichlorobenzidine	< 0.281	10.0	55.5	555	10.0	28.9	289	63.14	40	60-140	J1
MS	1711131.04	4,6-Dinitro-2-methylphenol	< 0.56	20.0	56.8	284	20.0	16.7	83.3	109.35	40	60-140	J1
MS	1711131.04	4-Bromophenyl phenyl ether	< 0.281	10.0	10.8	108	10.0	10.7	107	1.64	40	60-140	
MS	1711131.04	4-Chloro-3-methylphenol	< 0.56	20.0	373	1864	20.0	376	1878	0.76	40	60-140	J1
MS	1711131.04	4-Chlorophenyl phenyl ether	< 0.281	10.0	10.9	109	10.0	11.0	110	0.13	40	60-140	
MS	1711131.04	4-Nitrophenol	< 0.56	20.0	22.0	110	20.0	< 0.56	0	NaN	40	60-140	J1
MS	1711131.04	Acenaphthene	< 0.281	10.0	10.5	105	10.0	10.3	103	1.88	40	60-140	



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Semivolatile Organic Compounds

Method : SW846 8270D

Units : ug/L

QC Batch ID : Qb17121803

Samples in This QC Batch : 1711131.04,05,06,07,08,09,10,11,12,13,14,15,16,17

QC Type: MS/MSD

QC Sample ID	Parameter	Sample Result	MS Spk Amt	MS Result	MS % Rec	MSD Spk Amt	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
MS 1711131.04	Acenaphthylene	< 0.281	10.0	10.9	109	10.0	10.8	108	1.25	40	60-140	
MS 1711131.04	Anthracene	< 0.281	10.0	10.8	108	10.0	10.6	106	1.95	40	60-140	
MS 1711131.04	Benzidine	< 0.142	10.0	0.	0	10.0	< 0.142	0		40	30-55	J1
MS 1711131.04	Benzo(a)anthracene	< 0.281	10.0	9.09	90.9	10.0	8.92	89.2	1.92	40	60-140	
MS 1711131.04	Benzo(a)pyrene	< 0.281	10.0	11.6	116	10.0	11.4	114	1.84	40	60-140	
MS 1711131.04	benzo(b&k)fluoranthene	< 0.281	10.0	20.3	203	10.0	19.3	193	5.08	40	60-140	J1
MS 1711131.04	Benzo(b)fluoranthene	< 0.281	10.0	10.1	101	10.0	9.63	96.3	5.10	40	60-140	
MS 1711131.04	Benzo(g,h,i)perylene	< 0.281	10.0	12.2	122	10.0	11.9	119	2.01	40	60-140	
MS 1711131.04	Benzo(k)fluoranthene	< 0.281	10.0	10.2	102	10.0	9.66	96.6	5.06	40	60-140	
MS 1711131.04	Bis(2-chloroethoxy) methane	< 0.281	10.0	12.7	127	10.0	13.3	133	4.50	40	60-140	
MS 1711131.04	Bis(2-chloroethyl) ether	< 0.281	10.0	8.36	83.6	10.0	9.26	92.6	10.19	40	60-140	
MS 1711131.04	Bis(2-chloroisopropyl) ether	< 0.281	10.0	8.75	87.5	10.0	8.02	80.2	8.65	40	60-140	
MS 1711131.04	Bis(2-ethylhexyl)phthalate	< 0.281	10.0	10.5	105	10.0	12.4	124	16.57	40	60-140	
MS 1711131.04	Butyl benzyl phthalate	< 0.281	10.0	8.57	85.7	10.0	8.27	82.7	3.51	40	60-140	
MS 1711131.04	Chrysene	< 0.281	10.0	9.51	95.1	10.0	9.66	96.6	1.55	40	60-140	
MS 1711131.04	Dibenzo(a,h)anthracene	< 0.281	10.0	11.9	119	10.0	11.7	117	1.52	40	60-140	
MS 1711131.04	Diethyl phthalate	< 0.281	10.0	9.29	92.9	10.0	9.35	93.5	0.68	40	60-140	
MS 1711131.04	Dimethyl phthalate	< 0.281	10.0	10.8	108	10.0	10.9	109	1.28	40	60-140	
MS 1711131.04	Di-n-butyl phthalate	< 0.281	10.0	10.3	103	10.0	10.0	99.7	3.23	40	60-140	
MS 1711131.04	Di-n-octyl Phthalate	< 0.281	10.0	9.41	94.1	10.0	9.10	91	3.35	40	60-140	
MS 1711131.04	Fluoranthene	< 0.281	10.0	8.35	83.5	10.0	8.27	82.7	0.92	40	60-140	
MS 1711131.04	Fluorene	< 0.281	10.0	12.0	120	10.0	12.4	124	2.82	40	60-140	
MS 1711131.04	Hexachlorobenzene	< 0.281	10.0	11.8	118	10.0	11.5	115	2.32	40	60-140	
MS 1711131.04	Hexachlorobutadiene	< 0.281	10.0	7.03	70.3	10.0	6.23	62.3	12.04	40	60-140	
MS 1711131.04	Hexachlorocyclopentadiene	< 0.281	10.0	6.22	62.2	10.0	5.95	59.5	4.43	40	60-140	J1
MS 1711131.04	Hexachloroethane	< 0.281	10.0	5.68	56.8	10.0	5.39	53.9	5.13	40	60-140	J1
MS 1711131.04	Indeno(1,2,3-cd)pyrene	< 0.281	10.0	10.5	105	10.0	10.4	104	1.13	40	60-140	
MS 1711131.04	Isophorone	< 0.281	10.0	9.74	97.4	10.0	9.52	95.2	2.34	40	60-140	
MS 1711131.04	Naphthalene	< 0.281	10.0	10.4	104	10.0	10.2	102	2.15	40	60-140	
MS 1711131.04	Nitrobenzene	< 0.281	10.0	9.88	98.8	10.0	10.7	107	7.92	40	60-140	
MS 1711131.04	n-Nitrosodimethylamine	< 0.281	10.0	14.5	145	10.0	9.10	91	45.54	40	60-140	J1
MS 1711131.04	n-nitroso-di-n-propylamine	< 0.281	10.0	35.4	354	10.0	31.6	316	11.53	40	60-140	J1



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Semivolatile Organic Compounds

Method : SW846 8270D

Units : ug/L

QC Batch ID : Qb17121803

Samples in This QC Batch : 1711131.04,05,06,07,08,09,10,11,12,13,14,15,16,17

QC Type: MS/MSD													
	QC Sample ID	Parameter	Sample Result	MS Spk Amt	MS Result	MS % Rec	MSD Spk Amt	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
MS	1711131.04	n-Nitrosodiphenylamine	< 0.281	10.0	10.9	109	20.0	10.5	52.4	4.12	40	60-140	J1
MS	1711131.04	Pentachlorophenol	< 0.56	20.0	17.3	86.6	20.0	17.9	89.7	3.48	40	60-140	
MS	1711131.04	Phenanthrene	< 0.281	10.0	9.76	97.6	10.0	9.73	97.3	0.27	40	60-140	
MS	1711131.04	Phenol	< 0.56	20.0	26.1	130	20.0	27.5	138	5.45	40	60-140	
MS	1711131.04	Pyrene	< 0.281	10.0	8.45	84.5	10.0	8.40	84	0.66	40	60-140	
MS	1711131.04	2-Fluorophenol (Surr)		20.0	22.6	113	20.0	19.0	94.8			60-140	
MS	1711131.04	Phenol-d5 (Surr)		20.0	29.3	147	20.0	27.2	136			60-140	S
MS	1711131.04	Nitrobenzene-d5 (Surr)		10.0	12.8	128	10.0	11.6	116			60-140	
MS	1711131.04	2-Fluorobiphenyl (Surr)		10.0	8.28	82.8	10.0	7.94	79.4			60-140	
MS	1711131.04	2,4,6-Tribromophenol (Surr)		20.0	20.8	104	20.0	20.5	102			60-140	
MS	1711131.04	Terphenyl-d14 (Surr)		10.0	8.42	84.2	10.0	8.22	82.2			60-140	

Refer to the Definition page for terms.



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Semivolatile Organic Compounds

Method : SW846 8270D

Units : ug/L

QC Batch ID : Qb17121804

Samples in This QC Batch : 1711131.02,03

Sample Preparation PB17121804

Prep Method: SW846 3511

Prep Date:

By: Jlanham

QC Type: Method Blank

Parameter	CAS #	Result	DF	LRL	SDL	Qual
MB benzo(b&k)fluoranthene		< 0.281	1	0.562	0.281	
MB 1,2,4-Trichlorobenzene	120-82-1	< 0.281	1	0.562	0.281	
MB 1,2-Dichlorobenzene	95-50-1	< 0.281	1	0.562	0.281	
MB 1,2-Diphenylhydrazine as Azobenzene	122-66-7	< 0.281	1	0.562	0.281	
MB 1,3-Dichlorobenzene	541-73-1	< 0.281	1	0.562	0.281	
MB 1,4-Dichlorobenzene	106-46-7	< 0.281	1	0.562	0.281	
MB 2,4,6-Trichlorophenol	88-06-2	< 0.56	1	1.12	0.56	
MB 2,4-Dichlorophenol	120-83-2	< 0.56	1	1.12	0.56	
MB 2,4-Dimethylphenol	105-67-9	< 0.56	1	1.12	0.56	
MB 2,4-Dinitrophenol	51-28-5	< 9.00	1	18.0	9.00	
MB 2,4-Dinitrotoluene	121-14-2	< 0.281	1	0.562	0.281	
MB 2,6-Dinitrotoluene	606-20-2	< 0.281	1	0.562	0.281	
MB 2-Chloronaphthalene	91-58-7	< 0.281	1	0.562	0.281	
MB 2-Chlorophenol	95-57-8	< 0.56	1	1.12	0.56	
MB 2-Nitrophenol	88-75-5	< 0.56	1	1.12	0.56	
MB 3,3-Dichlorobenzidine	91-94-1	< 0.281	1	0.562	0.281	
MB 4,6-Dinitro-2-methylphenol	534-52-1	< 0.56	1	1.12	0.56	
MB 4-Bromophenyl phenyl ether	101-55-3	< 0.281	1	0.562	0.281	
MB 4-Chloro-3-methylphenol	59-50-7	< 0.56	1	1.12	0.56	
MB 4-Chlorophenyl phenyl ether	7005-72-3	< 0.281	1	0.562	0.281	
MB 4-Nitrophenol	100-02-7	< 0.56	1	1.12	0.56	
MB Acenaphthene	83-32-9	< 0.281	1	0.562	0.281	
MB Acenaphthylene	208-96-8	< 0.281	1	0.562	0.281	
MB Anthracene	120-12-7	< 0.281	1	0.562	0.281	
MB Benzidine	92-87-5	< 0.142	1	0.430	0.142	
MB Benzo(a)anthracene	56-55-3	< 0.281	1	0.562	0.281	
MB Benzo(a)pyrene	50-32-8	< 0.281	1	0.562	0.281	
MB Benzo(g,h,i)perylene	191-24-2	< 0.281	1	0.562	0.281	
MB Bis(2-chloroethoxy) methane	111-91-1	< 0.281	1	0.562	0.281	
MB Bis(2-chloroethyl) ether	111-44-4	< 0.281	1	0.562	0.281	



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Semivolatle Organic Compounds

Method : SW846 8270D

Units : ug/L

QC Batch ID : Qb17121804

Samples in This QC Batch : 1711131.02,03

QC Type: Method Blank							
Parameter	CAS #	Result	DF	LRL	SDL	Qual	
MB Bis(2-chloroisopropyl) ether	108-60-1	< 0.281	1	0.562	0.281		
MB Bis(2-ethylhexyl)phthalate	117-81-7	0.97	1	0.562	0.281	B	
MB Butyl benzyl phthalate	85-68-7	< 0.281	1	0.562	0.281		
MB Chrysene	218-01-9	< 0.281	1	0.562	0.281		
MB Dibenzo(a,h)anthracene	53-70-3	< 0.281	1	0.562	0.281		
MB Diethyl phthalate	84-66-2	< 0.281	1	0.562	0.281		
MB Dimethyl phthalate	131-11-3	< 0.281	1	0.562	0.281		
MB Di-n-butyl phthalate	84-74-2	< 0.281	1	0.562	0.281		
MB Di-n-octyl Phthalate	117-84-0	1.02	1	0.562	0.281	B	
MB Fluoranthene	206-44-0	< 0.281	1	0.562	0.281		
MB Fluorene	86-73-7	< 0.281	1	0.562	0.281		
MB Hexachlorobenzene	118-74-1	< 0.281	1	0.562	0.281		
MB Hexachlorobutadiene	87-68-3	< 0.281	1	0.562	0.281		
MB Hexachlorocyclopentadiene	77-47-4	< 0.281	1	0.562	0.281		
MB Hexachloroethane	67-72-1	< 0.281	1	0.562	0.281		
MB Indeno(1,2,3-cd)pyrene	193-39-5	< 0.281	1	0.562	0.281		
MB Isophorone	78-59-1	< 0.281	1	0.562	0.281		
MB Naphthalene	91-20-3	< 0.281	1	0.562	0.281		
MB Nitrobenzene	98-95-3	< 0.281	1	0.562	0.281		
MB n-Nitrosodimethylamine	62-75-9	< 0.281	1	0.562	0.281		
MB n-nitroso-di-n-propylamine	621-64-7	< 0.281	1	0.562	0.281		
MB n-Nitrosodiphenylamine	86-30-6	< 0.281	1	0.562	0.281		
MB Pentachlorophenol	87-86-5	< 0.56	1	1.12	0.56		
MB Phenanthrene	85-01-8	< 0.281	1	0.562	0.281		
MB Phenol	108-95-2	< 0.56	1	1.12	0.56		
MB Pyrene	129-00-0	< 0.281	1	0.562	0.281		
MB 2-Fluorophenol (Surr)	367-12-4	16.8	1				
MB Phenol-d5 (Surr)		14.3	1				
MB Nitrobenzene-d5 (Surr)	4165-60-0	8.72	1				
MB 2-Fluorobiphenyl (Surr)	132-60-8	8.24	1				
MB 2,4,6-Tribromophenol (Surr)	118-79-6	14.7	1				
MB Terphenyl-d14 (Surr)		9.40	1				



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Semivolatile Organic Compounds

Method : SW846 8270D

Units : ug/L

QC Batch ID : Qb17121804

Samples in This QC Batch : 1711131.02,03

QC Type: LCS/LCSD

Parameter	LCS Spk Amt	LCS Result	LCS % Rec	LCSD Spk Amt	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
LCSD 1,2,4-Trichlorobenzene	10.0	8.90	89.0	10.0	9.17	91.7	2.99	40	60-140	
LCSD 1,2-Dichlorobenzene	10.0	8.43	84.3	10.0	8.41	84.1	0.24	40	60-140	
LCSD 1,2-Diphenylhydrazine as Azobenzene	10.0	10.1	101	10.0	20.6	206	68.32	40	60-140	J1
LCSD 1,3-Dichlorobenzene	10.0	8.74	87.4	10.0	8.69	86.9	0.57	40	60-140	
LCSD 1,4-Dichlorobenzene	10.0	9.10	91.0	10.0	9.13	91.3	0.33	40	60-140	
LCS 2,4-Dichlorophenol	20.0	22.9	115						60-140	
LCSD 2,4-Dimethylphenol	20.0	33.0	165	20.0	29.7	149	10.38	40	60-140	J1
LCSD 2,4-Dinitrophenol	20.0	< 18.0	35.6	20.0	< 18.0	41.2	NaN	40	60-140	J1
LCSD 2,4-Dinitrotoluene	10.0	11.7	117	10.0	11.7	117	0.09	40	60-140	
LCSD 2,6-Dinitrotoluene	10.0	12.4	124	10.0	12.3	123	1.13	40	60-140	
LCSD 2-Chloronaphthalene	10.0	10.3	103	10.0	11.0	110	6.86	40	60-140	
LCS 2-Chlorophenol	10.0	18.8	188						60-140	J1
LCSD 2-Nitrophenol	20.0	27.0	135	20.0	26.5	133	2.05	40	60-140	
LCSD 4,6-Dinitro-2-methylphenol	20.0	20.2	101	20.0	19.1	95.5	5.35	40	60-140	
LCSD 4-Bromophenyl phenyl ether	10.0	9.44	94.4	10.0	9.92	99.2	4.96	40	60-140	
LCS 4-Chloro-3-methylphenol	20.0	20.4	102						60-140	
LCSD 4-Chlorophenyl phenyl ether	10.0	< 0.562	0.	10.0	10.0	100	NaN	40	60-140	J1
LCSD Acenaphthene	10.0	10.0	100	10.0	9.82	98.2	2.22	40	60-140	
LCSD Acenaphthylene	10.0	10.6	107	10.0	10.5	105	1.42	40	60-140	
LCSD Anthracene	10.0	9.87	98.7	10.0	9.87	98.7	0.00	40	60-140	
LCSD Benzo(a)anthracene	10.0	10.0	100	10.0	10.4	104	3.72	40	60-140	
LCSD Benzo(a)pyrene	10.0	10.7	107	10.0	10.8	108	1.12	40	60-140	
LCSD benzo(b&k)fluoranthene	10.0	10.0	100	10.0	10.6	106	5.43	40	60-140	
LCSD Benzo(g,h,i)perylene	10.0	10.4	104	10.0	11.0	110	5.90	40	60-140	
LCSD Bis(2-chloroethoxy) methane	10.0	12.3	123	10.0	13.2	132	6.82	40	60-140	
LCSD Bis(2-chloroethyl) ether	10.0	11.1	111	10.0	11.4	114	3.03	40	60-140	
LCSD Bis(2-chloroisopropyl) ether	10.0	10.0	100	10.0	9.56	95.6	4.70	40	60-140	
LCSD Bis(2-ethylhexyl) phthalate	10.0	11.5	115	10.0	11.8	118	2.40	40	60-140	
LCSD Butyl benzyl phthalate	10.0	9.90	99.0	10.0	10.1	101	2.00	40	60-140	
LCSD Chrysene	10.0	10.1	101	10.0	10.1	101	0.20	40	60-140	
LCSD Dibenzo(a,h)anthracene	10.0	10.9	109	10.0	11.3	113	3.79	40	60-140	
LCSD Diethyl phthalate	10.0	10.5	105	10.0	10.3	103	1.92	40	60-140	



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Semivolatile Organic Compounds

Method : SW846 8270D

Units : ug/L

QC Batch ID : Qb17121804

Samples in This QC Batch : 1711131.02,03

QC Type: LCS/LCSD

Parameter	LCS Spk Amt	LCS Result	LCS % Rec	LCSD Spk Amt	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
LCSD Dimethyl phthalate	10.0	10.6	106	10.0	10.4	104	1.43	40	60-140	
LCSD Di-n-butyl phthalate	10.0	10.2	102	10.0	10.0	99.7	1.99	40	60-140	
LCSD Di-n-octyl Phthalate	10.0	10.8	109	10.0	11.2	112	3.17	40	60-140	
LCSD Fluoranthene	10.0	9.31	93.1	10.0	9.27	92.7	0.43	40	60-140	
LCSD Fluorene	10.0	11.7	117	10.0	11.0	110	6.17	40	60-140	
LCSD Hexachlorobenzene	10.0	9.69	96.9	10.0	9.64	96.4	0.52	40	60-140	
LCSD Hexachlorobutadiene	10.0	7.64	76.4	10.0	7.50	75	1.85	40	60-140	
LCS Hexachlorocyclopentadiene	10.0	8.61	86.1						60-140	
LCSD Hexachloroethane	10.0	9.13	91.3	10.0	8.86	88.6	3.00	40	60-140	
LCSD Indeno(1,2,3-cd)pyrene	10.0	10.4	104	10.0	11.0	110	5.90	40	60-140	
LCSD Isophorone	10.0	10.7	107	10.0	10.6	106	0.66	40	60-140	
LCSD Naphthalene	10.0	9.92	99.2	10.0	9.76	97.6	1.63	40	60-140	
LCSD Nitrobenzene	10.0	10.4	104	10.0	7.81	78.1	28.07	40	60-140	
LCSD n-nitroso-di-n-propylamine	10.0	10.4	104	10.0	10.4	104	0.29	40	60-140	
LCSD n-Nitrosodiphenylamine	20.0	9.81	49.1	20.0	9.70	48.5	1.13	40	60-140	J1
LCSD Pentachlorophenol	20.0	28.3	141	20.0	25.6	128	9.88	40	60-140	J1
LCSD Phenanthrene	10.0	9.52	95.2	10.0	9.71	97.1	1.98	40	60-140	
LCSD Phenol	20.0	21.1	106	20.0	23.3	117	9.82	40	60-140	
LCSD Pyrene	10.0	9.63	96.3	10.0	10.1	101	4.76	40	60-140	
LCS 2-Fluorophenol (Surr)	20.0	18.8	94.2	20.0	20.1	100			60-140	
LCS Phenol-d5 (Surr)	20.0	22.2	111	20.0	25.2	126			60-140	
LCS Nitrobenzene-d5 (Surr)	10.0	11.8	118	10.0	12.2	122			60-140	
LCS 2-Fluorobiphenyl (Surr)	10.0	8.90	89.0	10.0	8.50	85			60-140	
LCS 2,4,6-Tribromophenol (Surr)	20.0	22.5	112	20.0	23.2	116			60-140	
LCS Terphenyl-d14 (Surr)	10.0	10.1	101	10.0	10.2	102			60-140	

QC Type: MS/MSD

QC Sample ID	Parameter	Sample Result	MS Spk Amt	MS Result	MS % Rec	MSD Spk Amt	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
MS 1711131.18	1,2,4-Trichlorobenzene	< 0.281	10.0	9.59	95.9	10.0	10.0	99.6	3.79	40	60-140	
MS 1711131.18	1,2-Dichlorobenzene	< 0.281	10.0	9.06	90.6	10.0	9.01	90.1	0.55	40	60-140	
MS 1711131.18	1,2-Diphenylhydrazine as Azobenzene	< 0.281	10.0	7.76	77.6	10.0	76.5	765	163.15	40	60-140	J1



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Semivolatile Organic Compounds

Method : SW846 8270D

Units : ug/L

QC Batch ID : Qb17121804

Samples in This QC Batch : 1711131.02,03

QC Type: MS/MSD

QC Sample ID	Parameter	Sample Result	MS Spk Amt	MS Result	MS % Rec	MSD Spk Amt	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
MS 1711131.18	1,3-Dichlorobenzene	< 0.281	10.0	9.09	90.9	10.0	9.49	94.9	4.31	40	60-140	
MS 1711131.18	1,4-Dichlorobenzene	< 0.281	10.0	9.78	97.8	10.0	10.5	105	7.01	40	60-140	
MS 1711131.18	2,4-Dimethylphenol	< 0.56	20.0	31.1	155		31.1				60-140	J1
MS 1711131.18	2,4-Dinitrophenol	< 9.00	20.0	9.61	48.1	20.0	< 18.0	57.4	17.65	40	60-140	J1
MS 1711131.18	2,4-Dinitrotoluene	< 0.281	10.0	12.1	121	10.0	14.9	149	20.58	40	60-140	J1
MS 1711131.18	2,6-Dinitrotoluene	< 0.281	10.0	13.3	133	10.0	15.2	152	13.36	40	60-140	J1
MS 1711131.18	2-Chloronaphthalene	< 0.281	10.0	12.6	126	10.0	14.2	142	11.91	40	60-140	J1
MS 1711131.18	2-Chlorophenol	< 0.56	20.0	15.7	78.5		15.7				60-140	
MS 1711131.18	2-Nitrophenol	< 0.56	20.0	30.7	154	20.0	29.5	147	4.15	40	60-140	J1
MS 1711131.18	4-Bromophenyl phenyl ether	< 0.281	10.0	10.2	102	10.0	10.5	105	2.61	40	60-140	
MS 1711131.18	4-Chlorophenyl phenyl ether	< 0.281	10.0	10.7	107	10.0	12.9	129	19.09	40	60-140	
MS 1711131.18	Acenaphthene	< 0.281	10.0	10.7	107	10.0	11.3	113	5.54	40	60-140	
MS 1711131.18	Acenaphthylene	< 0.281	10.0	11.4	114	10.0	12.0	120	5.38	40	60-140	
MS 1711131.18	Anthracene	< 0.281	10.0	10.5	105	10.0	11.2	112	5.71	40	60-140	
MS 1711131.18	Benzo(a)anthracene	< 0.281	10.0	10.7	107	10.0	11.6	116	8.09	40	60-140	
MS 1711131.18	Benzo(a)pyrene	< 0.281	10.0	11.0	110	10.0	11.9	119	7.50	40	60-140	
MS 1711131.18	benzo(b&k)fluoranthene	< 0.281	10.0	10.6	106	10.0	11.7	117	9.75	40	60-140	
MS 1711131.18	Benzo(g,h,i)perylene	< 0.281	10.0	10.7	107	10.0	11.7	117	9.13	40	60-140	
MS 1711131.18	Bis(2-chloroethoxy) methane	< 0.281	10.0	15.3	153		15.3				60-140	J1
MS 1711131.18	Bis(2-chloroethyl) ether	< 0.281	10.0	9.74	97.4	10.0	11.2	112	13.77	40	60-140	
MS 1711131.18	Bis(2-chloroisopropyl) ether	< 0.281	10.0	10.0	100	10.0	9.44	94.4	5.96	40	60-140	
MS 1711131.18	Bis(2-ethylhexyl) phthalate	< 0.281	10.0	8.39	83.9	10.0	8.90	89	5.90	40	60-140	
MS 1711131.18	Butyl benzyl phthalate	< 0.281	10.0	11.0	110	10.0	11.4	114	3.57	40	60-140	
MS 1711131.18	Chrysene	< 0.281	10.0	10.6	106	10.0	10.8	108	2.71	40	60-140	
MS 1711131.18	Dibenzo(a,h)anthracene	< 0.281	10.0	10.5	105	10.0	11.6	116	9.14	40	60-140	
MS 1711131.18	Diethyl phthalate	< 0.281	10.0	10.9	109	10.0	14.3	143	26.98	40	60-140	J1
MS 1711131.18	Dimethyl phthalate	< 0.281	10.0	11.0	110	10.0	13.2	132	17.85	40	60-140	
MS 1711131.18	Di-n-butyl phthalate	< 0.281	10.0	10.0	99.7	10.0	10.9	109	9.00	40	60-140	
MS 1711131.18	Di-n-octyl Phthalate	< 0.281	10.0	8.33	83.3	10.0	8.81	88.1	5.60	40	60-140	
MS 1711131.18	Fluoranthene	< 0.281	10.0	9.76	97.6	10.0	10.8	108	10.21	40	60-140	
MS 1711131.18	Fluorene	< 0.281	10.0	11.8	118	10.0	13.8	138	15.62	40	60-140	
MS 1711131.18	Hexachlorobenzene	< 0.281	10.0	10.3	103	10.0	10.3	103	0.19	40	60-140	



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Semivolatile Organic Compounds

Method : SW846 8270D

Units : ug/L

QC Batch ID : Qb17121804

Samples in This QC Batch : 1711131.02,03

QC Type: MS/MSD

QC Sample ID	Parameter	Sample Result	MS Spk Amt	MS Result	MS % Rec	MSD Spk Amt	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
MS 1711131.18	Hexachlorobutadiene	< 0.281	10.0	7.74	77.4	10.0	7.89	78.9	1.92	40	60-140	
MS 1711131.18	Hexachloroethane	< 0.281	10.0	8.32	83.2	10.0	7.97	79.7	4.30	40	60-140	
MS 1711131.18	Indeno(1,2,3-cd)pyrene	< 0.281	10.0	10.4	104	10.0	11.3	113	8.38	40	60-140	
MS 1711131.18	Isophorone	< 0.281	10.0	12.0	120	10.0	12.2	122	1.99	40	60-140	
MS 1711131.18	Naphthalene	< 0.281	10.0	10.8	108	10.0	11.1	111	2.84	40	60-140	
MS 1711131.18	Nitrobenzene	< 0.281	10.0	10.4	104	10.0	12.0	120	14.57	40	60-140	
MS 1711131.18	n-nitroso-di-n-propylamine	< 0.281	10.0	12.2	122	10.0	12.9	129	5.91	40	60-140	
MS 1711131.18	n-Nitrosodiphenylamine	< 0.281	10.0	9.63	96.3	20.0	9.80	49	1.75	40	60-140	J1
MS 1711131.18	Pentachlorophenol	< 0.56	20.0	32.0	160	20.0	45.2	226	34.14	40	60-140	J1
MS 1711131.18	Phenanthrene	< 0.281	10.0	10.2	102	10.0	10.8	108	5.90	40	60-140	
MS 1711131.18	Phenol	< 0.56	20.0	28.8	144	20.0	34.4	172	17.75	40	60-140	J1
MS 1711131.18	Pyrene	< 0.281	10.0	11.1	111	10.0	11.2	112	1.44	40	60-140	
MS 1711131.18	2-Fluorophenol (Surr)		20.0	17.8	88.9	20.0	17.0	85.2			60-140	
MS 1711131.18	Phenol-d5 (Surr)		20.0	29.6	148	20.0	29.0	145			60-140	S
MS 1711131.18	Nitrobenzene-d5 (Surr)		10.0	13.6	136	10.0	15.8	158			60-140	S
MS 1711131.18	2-Fluorobiphenyl (Surr)		10.0	9.15	91.5	10.0	9.81	98.1			60-140	
MS 1711131.18	2,4,6-Tribromophenol (Surr)		20.0	24.0	120	20.0	33.6	168			60-140	S
MS 1711131.18	Terphenyl-d14 (Surr)		10.0	9.78	97.8	10.0	10.3	103			60-140	

Refer to the Definition page for terms.



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Suite III

Method : EPA 350.2

Units : mg/kg dw

QC Batch ID : Qb17121907

Samples in This QC Batch : 1711131.19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34

QC Type: Method Blank

Parameter	CAS #	Result	DF	LRL	SDL	Qual
MB Ammonia as N		< 20.0	1	100	20.0	

QC Type: Duplicate

QC Sample ID	Parameter	Result	QC Sample Result	RPD	RPD Ctrl Limits	Qual
DUP 1711131.19	Ammonia as N	< 55.4	< 55.4	NaN	10	

QC Type: LCS/LCSD

Parameter	LCS Spk Amt	LCS Result	LCS % Rec	LCSD Spk Amt	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
LCS Ammonia as N	2941.2	2860	97.1						90-110	

QC Type: MS/MSD

QC Sample ID	Parameter	Sample Result	MS Spk Amt	MS Result	MS % Rec	MSD Spk Amt	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
MS 1711131.19	Ammonia as N	< 55.4	299.7	333	99.1						90-110	

Refer to the Definition page for terms.



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Chromium, Dissolved Hexavalent

Method : SM 3500-Cr B

Units : ug/L

QC Batch ID : Qb17121908

Samples in This QC Batch : 1711131.04,05,06,07,08,09,10,11,12,13,14,15,16,17

QC Type: Method Blank

Parameter	CAS #	Result	DF	LRL	SDL	Qual
MB Chromium, Hexavalent		< 1.50	1	3.00	1.50	

QC Type: LCS/LCSD

Parameter	LCS Spk Amt	LCS Result	LCS % Rec	LCSD Spk Amt	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
LCS Chromium, Hexavalent	250	259	104						90-110	

QC Type: MS/MSD

QC Sample ID	Parameter	Sample Result	MS Spk Amt	MS Result	MS % Rec	MSD Spk Amt	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
MS 1711131.04	Chromium, Hexavalent	< 1.50	0.25	0.262	105	0.25	< 1.50	105	0.46	15	85-115	

Refer to the Definition page for terms.



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Solids, Total

Method : SM 2540 G

Units : %

QC Batch ID : Qb17121909

Samples in This QC Batch : 1711131.19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34

QC Type: Method Blank

Parameter	CAS #	Result	DF	LRL	SDL	Qual
MB % Solids		< 0.010	1	1.00	0.010	

QC Type: Duplicate

QC Sample ID	Parameter	Result	QC Sample Result	RPD	RPD Ctrl Limits	Qual
DUP 1711131.35	% Solids	63.4	66.4	4.60	30	
DUP2 1711131.27	% Solids	24.6	23.8	3.30	30	

Refer to the Definition page for terms.



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Chromium, Dissolved Hexavalent

Method : SM 3500-Cr B

Units : ug/L

QC Batch ID : Qb17121910

Samples in This QC Batch : 1711131.01,02,03

QC Type: Method Blank

Parameter	CAS #	Result	DF	LRL	SDL	Qual
MB Chromium, Hexavalent		< 1.50	1	3.00	1.50	

QC Type: LCS/LCSD

Parameter	LCS Spk Amt	LCS Result	LCS % Rec	LCSD Spk Amt	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
LCS Chromium, Hexavalent	250	254	102						90-110	

QC Type: MS/MSD

QC Sample ID	Parameter	Sample Result	MS Spk Amt	MS Result	MS % Rec	MSD Spk Amt	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
MS 1711131.01	Chromium, Hexavalent	< 1.50	.25	0.252	101	.25	< 1.50	106	4.73	15	85-115	

Refer to the Definition page for terms.



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Total Organic Carbon

Method : EPA 415.1

Units : %

QC Batch ID : Qb17121911

Samples in This QC Batch : 1711131.02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,17

QC Type: Method Blank						
Parameter	CAS #	Result	DF	LRL	SDL	Qual
MB Total Organic Carbon		0.0000508	1	0.0001	0.00005	
MB2 Total Organic Carbon		< 0.00005	1	0.0001	0.00005	
MB3 Total Organic Carbon		< 0.00005	1	0.0001	0.00005	

QC Type: MS/MSD												
QC Sample ID	Parameter	Sample Result	MS Spk Amt	MS Result	MS % Rec	MSD Spk Amt	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
MS 1711131.02	Total Organic Carbon	0.000371	0.005	0.00542	101	0.005	0.00558	104	3.00	15	85-115	

Refer to the Definition page for terms.



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Semivolatile Organic Compounds

Method : SW846 8270D

Units : ug/kg dw

QC Batch ID : Qb17121914

Samples in This QC Batch : 1711131.19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34

Sample Preparation PB17121905

Prep Method: SW846 3570

Prep Date:

By: Emiller

QC Type: Method Blank

Parameter	CAS #	Result	DF	LRL	SDL	Qual
MB 1,2,4-Trichlorobenzene	120-82-1	< 1.25	1	2.50	1.25	
MB 1,2-Dichlorobenzene	95-50-1	< 1.25	1	2.50	1.25	
MB 1,2-Diphenylhydrazine as Azobenzene	122-66-7	< 1.25	1	2.50	1.25	
MB 1,3-Dichlorobenzene	541-73-1	< 1.25	1	2.50	1.25	
MB 1,4-Dichlorobenzene	106-46-7	< 1.25	1	2.50	1.25	
MB 2,4,6-Trichlorophenol	88-06-2	< 2.50	1	5.00	2.50	
MB 2,4-Dichlorophenol	120-83-2	< 2.50	1	5.00	2.50	
MB 2,4-Dimethylphenol	105-67-9	< 2.50	1	5.00	2.50	
MB 2,4-Dinitrophenol	51-28-5	< 40.0	1	80.0	40.0	
MB 2,4-Dinitrotoluene	121-14-2	< 1.25	1	2.50	1.25	
MB 2,6-Dinitrotoluene	606-20-2	< 1.25	1	2.50	1.25	
MB 2-Chloronaphthalene	91-58-7	< 1.25	1	2.50	1.25	
MB 2-Chlorophenol	95-57-8	< 2.50	1	5.00	2.50	
MB 2-Nitrophenol	88-75-5	< 2.50	1	5.00	2.50	
MB 3,3-Dichlorobenzidine	91-94-1	< 1.25	1	2.50	1.25	
MB 4,6-Dinitro-2-methylphenol	534-52-1	< 10.0	1	20.0	10.0	
MB 4-Bromophenyl phenyl ether	101-55-3	< 1.25	1	2.50	1.25	
MB 4-Chloro-3-methylphenol	59-50-7	< 2.50	1	5.00	2.50	
MB 4-Chlorophenyl phenyl ether	7005-72-3	< 1.25	1	2.50	1.25	
MB 4-Nitrophenol	100-02-7	< 2.50	1	5.00	2.50	
MB Acenaphthene	83-32-9	< 1.25	1	2.50	1.25	
MB Acenaphthylene	208-96-8	< 1.25	1	2.50	1.25	
MB Anthracene	120-12-7	< 1.25	1	2.50	1.25	
MB Benzidine	92-87-5	< 1.25	1	5.00	1.25	
MB Benzo(a)anthracene	56-55-3	< 1.25	1	2.50	1.25	
MB Benzo(a)pyrene	50-32-8	< 1.25	1	2.50	1.25	
MB benzo(b&k)fluoranthene		< 1.25	1	2.50	1.25	
MB Benzo(b)fluoranthene	205-99-2	< 1.25	1	2.50	1.25	
MB Benzo(g,h,i)perylene	191-24-2	< 1.25	1	2.50	1.25	
MB Benzo(k)fluoranthene	207-08-9	< 1.25	1	2.50	1.25	



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Semivolatile Organic Compounds

Method : SW846 8270D

Units : ug/kg dw

QC Batch ID : Qb17121914

Samples in This QC Batch : 1711131.19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34

QC Type: Method Blank							
Parameter	CAS #	Result	DF	LRL	SDL	Qual	
MB Bis(2-chloroethoxy) methane	111-91-1	< 1.25	1	2.50	1.25		
MB Bis(2-chloroethyl) ether	111-44-4	< 1.25	1	2.50	1.25		
MB Bis(2-chloroisopropyl) ether	108-60-1	< 1.25	1	2.50	1.25		
MB Bis(2-ethylhexyl)phthalate	117-81-7	< 1.25	1	2.50	1.25		
MB Butyl benzyl phthalate	85-68-7	< 1.25	1	2.50	1.25		
MB Chrysene	218-01-9	< 1.25	1	2.50	1.25		
MB Dibenzo(a,h)anthracene	53-70-3	< 1.25	1	2.50	1.25		
MB Diethyl phthalate	84-66-2	< 1.25	1	2.50	1.25		
MB Dimethyl phthalate	131-11-3	< 1.25	1	2.50	1.25		
MB Di-n-butyl phthalate	84-74-2	< 1.25	1	2.50	1.25		
MB Di-n-octyl Phthalate	117-84-0	< 1.25	1	2.50	1.25		
MB Fluoranthene	206-44-0	< 1.25	1	2.50	1.25		
MB Fluorene	86-73-7	< 1.25	1	2.50	1.25		
MB Hexachlorobenzene	118-74-1	< 1.25	1	2.50	1.25		
MB Hexachlorobutadiene	87-68-3	< 1.25	1	2.50	1.25		
MB Hexachlorocyclopentadiene	77-47-4	< 1.25	1	2.50	1.25		
MB Hexachloroethane	67-72-1	< 1.25	1	2.50	1.25		
MB Indeno(1,2,3-cd)pyrene	193-39-5	< 1.25	1	2.50	1.25		
MB Isophorone	78-59-1	< 1.25	1	2.50	1.25		
MB Naphthalene	91-20-3	< 1.25	1	2.50	1.25		
MB Nitrobenzene	98-95-3	< 1.25	1	2.50	1.25		
MB n-Nitrosodimethylamine	62-75-9	< 1.25	1	2.50	1.25		
MB n-nitroso-di-n-propylamine	621-64-7	< 1.25	1	2.50	1.25		
MB n-Nitrosodiphenylamine	86-30-6	< 1.25	1	2.50	1.25		
MB Pentachlorophenol	87-86-5	< 2.50	1	5.00	2.50		
MB Phenanthrene	85-01-8	< 1.25	1	2.50	1.25		
MB Phenol	108-95-2	< 2.50	1	5.00	2.50		
MB Pyrene	129-00-0	< 1.25	1	2.50	1.25		
MB 2-Fluorophenol (Surr)	367-12-4	67.0	1				
MB Phenol-d5 (Surr)		76.8	1			S	
MB Nitrobenzene-d5 (Surr)	4165-60-0	42.6	1				
MB 2-Fluorobiphenyl (Surr)	132-60-8	44.0	1				



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Semivolatile Organic Compounds

Method : SW846 8270D

Units : ug/kg dw

QC Batch ID : Qb17121914

Samples in This QC Batch : 1711131.19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34

QC Type: Method Blank

Parameter	CAS #	Result	DF	LRL	SDL	Qual
MB 2,4,6-Tribromophenol (Surr)	118-79-6	195	1			S
MB Terphenyl-d14 (Surr)		65.0	1			S

QC Type: LCS/LCSD

Parameter	LCS Spk Amt	LCS Result	LCS % Rec	LCSD Spk Amt	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
LCSD 1,2,4-Trichlorobenzene	40.0	14.0	34.9	40.0	13.9	34.8	0.45	40	60-140	J1
LCSD 1,2-Dichlorobenzene	40.0	11.8	29.5	40.0	10.9	27.2	8.08	40	60-140	J1
LCSD 1,2-Diphenylhydrazine as Azobenzene	40.0	57.0	143	40.0	63.6	159	10.92	40	60-140	J1
LCSD 2,4,6-Trichlorophenol	80.0	95.0	119	80.0	98.8	124	3.95	40	60-140	
LCSD 2,4-Dichlorophenol	80.0	75.8	94.8	80.0	82.7	103	8.67	40	60-140	
LCSD 2,4-Dimethylphenol	80.0	77.3	96.7	80.0	81.4	102	5.12	40	60-140	
LCSD 2,4-Dinitrophenol	80.0	< 80.0	42.9	80.0	< 80.0	48.6	NaN	40	60-140	J1
LCSD 2,4-Dinitrotoluene	40.0	52.5	131	40.0	61.1	153	15.09	40	60-140	J1
LCSD 2,6-Dinitrotoluene	40.0	54.3	136	40.0	61.8	154	12.90	40	60-140	J1
LCSD 2-Chloronaphthalene	40.0	4.27	10.7	40.0	4.31	10.8	0.98	40	60-140	J1
LCSD 2-Chlorophenol	80.0	59.0	73.7	80.0	57.7	72.1	2.19	40	60-140	
LCSD 2-Nitrophenol	80.0	75.5	94.4	80.0	85.2	107	12.07	40	60-140	
LCSD 4,6-Dinitro-2-methylphenol	80.0	78.2	97.8	80.0	84.0	105	7.13	40	60-140	
LCSD 4-Bromophenyl phenyl ether	40.0	31.7	79.4	40.0	34.4	86.1	8.02	40	60-140	
LCSD 4-Chloro-3-methylphenol	80.0	97.4	122	80.0	105	131	7.50	40	60-140	
LCSD 4-Chlorophenyl phenyl ether	40.0	50.8	127	40.0	56.3	141	10.23	40	60-140	J1
LCSD 4-Nitrophenol	80.0	111	139	80.0	143	178	25.29	40	60-140	J1
LCSD Acenaphthene	40.0	32.7	81.8	40.0	34.2	85.6	4.46	40	60-140	
LCSD Anthracene	40.0	36.0	90.0	40.0	39.4	98.6	9.01	40	60-140	
LCSD Benzo(a)anthracene	40.0	33.4	83.6	40.0	36.6	91.6	9.00	40	60-140	
LCSD Bis(2-chloroethoxy) methane	40.0	36.9	92.3	40.0	40.5	101	9.23	40	60-140	
LCSD Bis(2-chloroethyl) ether	40.0	9.05	22.6	40.0	10.0	24.9	9.52	40	60-140	J1
LCSD Bis(2-chloroisopropyl) ether	40.0	19.0	47.5	40.0	18.9	47.3	0.61	40	60-140	J1
LCSD Bis(2-ethylhexyl)phthalate	40.0	34.8	86.9	40.0	39.5	98.8	12.74	40	60-140	
LCSD Butyl benzyl phtalate	40.0	31.5	78.6	40.0	35.3	88.4	11.51	40	60-140	



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Semivolatile Organic Compounds

Method : SW846 8270D

Units : ug/kg dw

QC Batch ID : Qb17121914

Samples in This QC Batch : 1711131.19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34

QC Type: LCS/LCSD

	Parameter	LCS Spk Amt	LCS Result	LCS % Rec	LCSD Spk Amt	LCSD Result	LCSD % Rec	RPD	RPD CtrLimit	%Recovery CtrLimit	Qual
LCSD	Chrysene	40.0	34.7	86.7	40.0	37.9	94.8	8.84	40	60-140	
LCSD	Diethyl phthalate	40.0	60.3	151	40.0	67.3	168	10.96	40	60-140	J1
LCSD	Dimethyl phthalate	40.0	53.7	134	40.0	59.5	149	10.27	40	60-140	J1
LCSD	Di-n-butyl phthalate	40.0	40.4	101	40.0	42.5	106	5.00	40	60-140	
LCSD	Fluoranthene	40.0	39.1	97.7	40.0	41.3	103	5.54	40	60-140	
LCSD	Fluorene	40.0	50.9	127	40.0	55.8	139	9.26	40	60-140	
LCSD	Hexachlorobenzene	40.0	32.8	82.1	40.0	36.1	90.1	9.47	40	60-140	
LCSD	Hexachlorobutadiene	40.0	8.97	22.4	40.0	7.52	18.8	17.55	40	60-140	J1
LCSD	Hexachlorocyclopentadiene	40.0	5.07	12.7	40.0	6.24	15.6	20.71	40	60-140	J1
LCSD	Hexachloroethane	40.0	8.52	21.3	40.0	6.89	17.2	21.17	40	60-140	J1
LCSD	Isophorone	40.0	26.8	66.9	40.0	28.7	71.8	6.94	40	60-140	
LCSD	Naphthalene	40.0	19.0	47.6	40.0	19.0	47.5	0.16	40	60-140	J1
LCSD	Nitrobenzene	40.0	14.3	35.8	40.0	16.1	40.3	11.80	40	60-140	J1
LCSD	n-Nitrosodimethylamine	40.0	13.9	34.7	40.0	14.0	35	0.99	40	60-140	J1
LCSD	n-nitroso-di-n-propylamine	40.0	22.9	57.3	40.0	23.2	57.9	1.28	40	60-140	J1
LCSD	n-Nitrosodiphenylamine	80.0	36.7	45.9	80.0	40.1	50.1	8.88	40	60-140	J1
LCSD	Pentachlorophenol	80.0	90.7	113	80.0	93.9	117	3.47	40	60-140	
LCSD	Phenanthrene	40.0	33.0	82.4	40.0	36.5	91.1	10.19	40	60-140	
LCSD	Phenol	80.0	71.9	89.9	80.0	72.6	90.8	0.94	40	60-140	
LCSD	Pyrene	40.0	30.0	75.1	40.0	33.1	82.8	9.69	40	60-140	
LCS	2-Fluorophenol (Surr)	80.0	56.4	70.5	80.0	51.7	64.6			60-140	
LCS	Phenol-d5 (Surr)	40.0	61.1	153	40.0	62.6	156			60-140	S
LCS	Nitrobenzene-d5 (Surr)	40	28.7	71.7	40	30.2	75.5			60-140	
LCS	2-Fluorobiphenyl (Surr)	40.0	22.4	56.0	40.0	23.0	57.5			60-140	S
LCS	2,4,6-Tribromophenol (Surr)	80.0	105	131	80.0	106	132			60-140	
LCS	Terphenyl-d14 (Surr)	40.0	31.0	77.5	40.0	32.0	80			60-140	

QC Type: MS/MSD

	QC Sample ID	Parameter	Sample Result	MS Spk Amt	MS Result	MS % Rec	MSD Spk Amt	MSD Result	MSD % Rec	RPD	RPD CtrLimit	%Rec CtrLimit	Qual
MS	1711131.19	1,2,4-Trichlorobenzene	< 3.46	40.0	11.7	29.2	40.0	7.49	18.7	43.79	40	60-140	J1
MS	1711131.19	1,2-Dichlorobenzene	< 3.46	40.0	11.2	28	40.0	6.75	16.9	49.66	40	60-140	J1



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Semivolatile Organic Compounds

Method : SW846 8270D

Units : ug/kg dw

QC Batch ID : Qb17121914

Samples in This QC Batch : 1711131.19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34

QC Type: MS/MSD

QC Sample ID	Parameter	Sample Result	MS Spk Amt	MS Result	MS % Rec	MSD Spk Amt	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
MS 1711131.19	1,2-Diphenylhydrazine as Azobenzene	< 3.46	40.0	23.6	58.9		23.6				60-140	J1
MS 1711131.19	2,4,6-Trichlorophenol	< 6.93	80.0	78.7	98.3	80.0	69.5	86.8	12.41	40	60-140	
MS 1711131.19	2,4-Dichlorophenol	< 6.93	80.0	53.9	67.3	80.0	44.8	56	18.29	40	60-140	J1
MS 1711131.19	2,4-Dimethylphenol	< 6.93	80.0	55.1	68.9	80.0	46.5	58.1	16.91	40	60-140	J1
MS 1711131.19	2,4-Dinitrophenol	< 111	80.0	8.89	11.1	80.0	< 111	9.11	19.81	40	60-140	J1
MS 1711131.19	2,4-Dinitrotoluene	< 3.46	40.0	34.2	85.6	40.0	28.9	72.3	16.83	40	60-140	
MS 1711131.19	2,6-Dinitrotoluene	< 3.46	40.0	39.6	99	40.0	35.2	88.1	11.64	40	60-140	
MS 1711131.19	2-Chloronaphthalene	< 3.46	40.0	4.28	10.7	40.0	4.31	10.8	0.65	40	60-140	J1
MS 1711131.19	2-Chlorophenol	< 6.93	80.0	46.9	58.7	80.0	35.0	43.8	28.99	40	60-140	J1
MS 1711131.19	4,6-Dinitro-2-methylphenol	< 27.7	80.0	51.9	64.9	80.0	46.6	58.3	10.69	40	60-140	J1
MS 1711131.19	2-Nitrophenol	< 6.93	80.0	76.7	95.8	80.0	53.3	66.7	35.87	40	60-140	
MS 1711131.19	4-Bromophenyl phenyl ether	< 3.46	40.0	7.31	18.3	40.0	6.39	16	13.46	40	60-140	J1
MS 1711131.19	4-Chloro-3-methylphenol	< 6.93	80.0	74.7	93.4	80.0	64.0	80	15.48	40	60-140	
MS 1711131.19	4-Chlorophenyl phenyl ether	< 3.46	40.0	13.5	33.8	40.0	11.6	29	15.08	40	60-140	J1
MS 1711131.19	4-Nitrophenol	< 6.93	80.0	123	154	80.0	103	129	17.21	40	60-140	J1
MS 1711131.19	Acenaphthene	< 3.46	40.0	20.3	50.6	40.0	14.8	36.9	31.27	40	60-140	J1
MS 1711131.19	Acenaphthylene	< 3.46	40.0	20.6	51.4	40.0	16.4	41	22.54	40	60-140	J1
MS 1711131.19	Anthracene	< 3.46	40.0	12.6	31.4	40.0	9.87	24.7	24.06	40	60-140	J1
MS 1711131.19	Benzo(a)anthracene	< 3.46	40.0	8.39	21	40.0	5.32	13.3	44.74	40	60-140	J1
MS 1711131.19	Bis(2-chloroethoxy) methane	< 3.46	40.0	31.6	79	40.0	26.4	66	18.02	40	60-140	
MS 1711131.19	Bis(2-chloroethyl) ether	< 3.46	40.0	102	255	40.0	106	266	4.34	40	60-140	J1
MS 1711131.19	Bis(2-chloroisopropyl) ether	< 3.46	40.0	15.9	39.7	40.0	10.4	25.9	41.99	40	60-140	J1
MS 1711131.19	Bis(2-ethylhexyl) phthalate	< 3.46	40.0	10.2	25.5	40.0	7.93	19.8	24.98	40	60-140	J1
MS 1711131.19	Butyl benzyl phthalate	< 3.46	40.0	8.45	21.1	40.0	7.35	18.4	13.85	40	60-140	J1
MS 1711131.19	Chrysene	< 3.46	40.0	10.5	26.3	40.0	6.47	16.2	47.71	40	60-140	J1
MS 1711131.19	Diethyl phthalate	< 3.46	40.0	41.1	103	40.0	34.7	86.6	16.91	40	60-140	
MS 1711131.19	Dimethyl phthalate	< 3.46	40.0	44.4	111	40.0	37.6	94.1	16.47	40	60-140	
MS 1711131.19	Di-n-butyl phthalate	< 3.46	40.0	12.9	32.3	40.0	10.5	26.3	20.54	40	60-140	J1
MS 1711131.19	Fluoranthene	< 3.46	40.0	12.8	32	40.0	7.13	17.8	56.76	40	60-140	J1
MS 1711131.19	Fluorene	< 3.46	40.0	26.4	66	40.0	20.1	50.2	27.20	40	60-140	J1
MS 1711131.19	Hexachlorobenzene	< 3.46	40.0	7.35	18.4	40.0	6.23	15.6	16.53	40	60-140	J1
MS 1711131.19	Hexachlorobutadiene	< 3.46	40.0	6.69	16.7	40.0	< 3.46	7.61	74.97	40	60-140	J1



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Semivolatile Organic Compounds

Method : SW846 8270D

Units : ug/kg dw

QC Batch ID : Qb17121914

Samples in This QC Batch : 1711131.19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34

QC Type: MS/MSD

QC Sample ID	Parameter	Sample Result	MS Spk Amt	MS Result	MS % Rec	MSD Spk Amt	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
MS 1711131.19	Hexachlorocyclopentadiene	< 3.46	40.0	1.15	2.87	40.0	< 3.46	0	NaN	40	60-140	J1
MS 1711131.19	Hexachloroethane	< 3.46	40.0	7.53	18.8		7.53				60-140	J1
MS 1711131.19	Isophorone	< 3.46	40.0	24.0	60	40.0	19.3	48.2	21.74	40	60-140	J1
MS 1711131.19	Naphthalene	< 3.46	40.0	15.3	38.4	40.0	9.87	24.7	43.47	40	60-140	J1
MS 1711131.19	Nitrobenzene	< 3.46	40.0	12.9	32.1	40.0	9.36	23.4	31.49	40	60-140	J1
MS 1711131.19	n-Nitrosodimethylamine	< 3.46	40.0	16.7	41.6	40.0	8.55	21.4	64.29	40	60-140	J1
MS 1711131.19	n-nitroso-di-n-propylamine	< 3.46	40.0	20.8	51.9	40.0	13.8	34.4	40.67	40	60-140	J1
MS 1711131.19	n-Nitrosodiphenylamine	< 3.46	80.0	14.8	18.5	80.0	12.2	15.3	18.69	40	60-140	J1
MS 1711131.19	Pentachlorophenol	< 6.93	80.0	64.2	80.3	80.0	52.0	65	21.04	40	60-140	
MS 1711131.19	Phenanthrene	< 3.46	40.0	13.0	32.6	40.0	9.50	23.7	31.28	40	60-140	J1
MS 1711131.19	Phenol	< 6.93	80.0	62.6	78.2	80.0	52.2	65.2	18.16	40	60-140	
MS 1711131.19	Pyrene	< 3.46	40.0	10.2	25.5	40.0	6.18	15.5	48.89	40	60-140	J1
MS 1711131.19	2-Fluorophenol (Surr)		80.0	44.2	55.3	80.0	33.3	41.6			60-140	S
MS 1711131.19	Phenol-d5 (Surr)		80	50.8	63.5	80	43.5	54.3			60-140	S
MS 1711131.19	Nitrobenzene-d5 (Surr)		40	23.5	58.6	40	17.3	43.2			60-140	S
MS 1711131.19	2-Fluorobiphenyl (Surr)		40.0	10.9	27.3	40.0	8.51	21.3			60-140	S
MS 1711131.19	2,4,6-Tribromophenol (Surr)		80.0	62.3	77.9	80.0	56.5	70.7			60-140	
MS 1711131.19	Terphenyl-d14 (Surr)		40.0	7.67	19.2	40.0	6.32	15.8			60-140	S

Refer to the Definition page for terms.



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Suite II

Method : EPA 350.1

Units : mg/L

QC Batch ID : Qb17121915

Samples in This QC Batch : 1711131.02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,17

QC Type: Method Blank						
Parameter	CAS #	Result	DF	LRL	SDL	Qual
MB Ammonia as N		< 0.020	1	0.100	0.020	

QC Type: LCS/LCSD										
Parameter	LCS Spk Amt	LCS Result	LCS % Rec	LCSD Spk Amt	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
LCS Ammonia as N	1.25	1.33	106						90-110	

QC Type: MS/MSD													
QC Sample ID	Parameter	Sample Result	MS Spk Amt	MS Result	MS % Rec	MSD Spk Amt	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual	
MS 1711131.02	Ammonia as N	0.402	1.40	1.79	99.1	1.40	1.78	98.3	0.59	20	90-110		

Refer to the Definition page for terms.



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Metals, Total

Method : SW846 7196A

Units : mg/kg dw

QC Batch ID : Qb17121916

Samples in This QC Batch : 1711131.19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34

QC Type: Method Blank

Parameter	CAS #	Result	DF	LRL	SDL	Qual
MB Chromium, Hexavalent		< 0.500	1	1.00	0.500	

QC Type: Duplicate

QC Sample ID	Parameter	Result	QC Sample Result	RPD	RPD Ctrl Limits	Qual
DUP 1711131.19	Chromium, Hexavalent	< 1.38	< 1.38	NaN	20	
DUP2 1711131.29	Chromium, Hexavalent	< 1.77	< 1.77	NaN	20	

QC Type: LCS/LCSD

Parameter	LCS Spk Amt	LCS Result	LCS % Rec	LCSD Spk Amt	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
LCS Chromium, Hexavalent	10.0	9.58	95.8						85-115	

QC Type: MS/MSD

QC Sample ID	Parameter	Sample Result	MS Spk Amt	MS Result	MS % Rec	MSD Spk Amt	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
MS 1711131.19	Chromium, Hexavalent	< 1.38	10.0	9.34	93.4		9.34				75-125	
MS2 1711131.29	Chromium, Hexavalent	< 1.77	10.0	9.16	91.6		9.16				75-125	
PDMS 1711131.19	Chromium, Hexavalent	< 1.38	10.0	9.85	98.5		9.85				85-115	

Refer to the Definition page for terms.



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Cyanide

Method : SM 4500-CN C, E

Units : mg/L

QC Batch ID : Qb17121922

Samples in This QC Batch : 1711131.02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,17

Sample Preparation PB17121906

Prep Method: SM 4500-CN C

Prep Date:

By: Arazo

QC Type: Method Blank

Parameter	CAS #	Result	DF	LRL	SDL	Qual
MB Cyanide, Total		< 0.005	1	0.010	0.005	

QC Type: LCS/LCSD

Parameter	LCS Spk Amt	LCS Result	LCS % Rec	LCSD Spk Amt	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
LCS Cyanide, Total	0.1	0.0945	94.5						90-110	

QC Type: MS/MSD

QC Sample ID	Parameter	Sample Result	MS Spk Amt	MS Result	MS % Rec	MSD Spk Amt	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
MS 1711131.02	Cyanide, Total	< 0.005	0.1	0.093	93	0.100	0.0942	94.2	1.28	20	80-120	

Refer to the Definition page for terms.



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Suite III

Method : SW846 9060A

Units : %

QC Batch ID : Qb17121923

Samples in This QC Batch : 1711131.19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34

QC Type: Method Blank						
Parameter	CAS #	Result	DF	LRL	SDL	Qual
MB Total Organic Carbon		< 0.025	1	0.050	0.025	
MB2 Total Organic Carbon		< 0.025	1	0.050	0.025	
MB3 Total Organic Carbon		< 0.025	1	0.050	0.025	

QC Type: MS/MSD												
QC Sample ID	Parameter	Sample Result	MS Spk Amt	MS Result	MS % Rec	MSD Spk Amt	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
MS 1711131.19	Total Organic Carbon	0.851	3.65	4.22	92.3	3.42	4.32	102	2.41	20	80-120	
MS2 1711131.29	Total Organic Carbon	0.867	3.59	4.14	91.1	3.50	4.63	108	11.31	20	80-120	

Refer to the Definition page for terms.



QUALITY CONTROL DATA

JobID :

1711131

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Suite III

Method : SW846 9014

Units : mg/kg dw

QC Batch ID : Qb17121924

Samples in This QC Batch : 1711131.19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34

Sample Preparation PB17121909

Prep Method: SW846 9010C

Prep Date:

By: Arazo

QC Type: Method Blank

Parameter	CAS #	Result	DF	LRL	SDL	Qual
MB Cyanide, Total		< 0.250	1	0.500	0.250	

QC Type: Duplicate

QC Sample ID	Parameter	Result	QC Sample Result	RPD	RPD Ctrl Limits	Qual
DUP 1711131.19	Cyanide, Total	< 0.69	< 0.69	NaN	20	

QC Type: LCS/LCSD

Parameter	LCS Spk Amt	LCS Result	LCS % Rec	LCSD Spk Amt	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
LCS Cyanide, Total	1.00	0.952	95.2						90-110	

QC Type: MS/MSD

QC Sample ID	Parameter	Sample Result	MS Spk Amt	MS Result	MS % Rec	MSD Spk Amt	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
MS 1711131.19	Cyanide, Total	< 0.69	1.00	0.963	96.3						80-120	

Refer to the Definition page for terms.



QUALITY CONTROL DATA

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Organochlorine Pesticides

Method : SW846 8081B

Units : ug/L

QC Batch ID : Qb17112023

Extraction PB17112014 **Prep Method:** SW846 3511 **Prep Date:** **By:** Emiller

QC Type: Method Blank							
Parameter	CAS #	Result	DF	LRL	SDL	Qual	
MB	a-Chlordane	5103-71-9	< 0.003	1	0.006	0.003	
MB	γ-Chlordane	5103-74-2	< 0.003	1	0.006	0.003	
MB	4,4-DDD	72-54-8	< 0.003	1	0.012	0.003	
MB	4,4-DDE	72-55-9	< 0.003	1	0.012	0.003	
MB	4,4-DDT	50-29-3	< 0.003	1	0.012	0.003	
MB	Aldrin	309-00-2	< 0.003	1	0.006	0.003	
MB	a-BHC	319-84-6	< 0.003	1	0.006	0.003	
MB	b-BHC	319-85-7	< 0.003	1	0.006	0.003	
MB	Chlordane	57-74-9	< 0.003	1	0.006	0.003	
MB	d-BHC	319-86-8	< 0.003	1	0.006	0.003	
MB	Dieldrin	60-57-1	< 0.003	1	0.006	0.003	
MB	Endosulfan I	959-98-8	< 0.003	1	0.006	0.003	
MB	Endosulfan II	33213-65-9	< 0.003	1	0.006	0.003	
MB	Endosulfan sulfate	1031-07-8	< 0.003	1	0.006	0.003	
MB	Endrin	72-20-8	< 0.003	1	0.006	0.003	
MB	Endrin aldehyde	7421-93-4	< 0.003	1	0.006	0.003	
MB	Endrin ketone	53494-70-5	< 0.003	1	0.006	0.003	
MB	g-BHC	58-89-9	< 0.003	1	0.006	0.003	
MB	Heptachlor	76-44-8	< 0.003	1	0.006	0.003	
MB	Heptachlor epoxide	1024-57-3	< 0.003	1	0.006	0.003	
MB	Toxaphene	8001-35-2	< 0.150	1	0.300	0.150	
MB	DDT, Total	50-29-3	< 0.003	1	0.006	0.003	
MB	Decachlorobiphenyl (Surr)	2051-24-3	0.100	1			
MB	2,4,5,6 Tetrachloro-m-xylene (Surr)		0.105	1			

QC Type: LCS/LCSD										
Parameter	LCS Spk Amt	LCS Result	LCS % Rec	LCSD Spk Amt	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
LCSD	4,4-DDD	.12	0.120	100	.12	0.119	99.2	0.84	40	60-140



QUALITY CONTROL DATA

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Organochlorine Pesticides

Method : SW846 8081B

Units : ug/L

QC Batch ID : Qb17112023

QC Type: LCS/LCSD

Parameter	LCS Spk Amt	LCS Result	LCS % Rec	LCSD Spk Amt	LCSD Result	LCSD % Rec	RPD	RPD CtrLimit	%Recovery CtrLimit	Qual
LCS	4,4-DDE	.12	0.108	90.0	.12	0.107	89.2	0.93	40	60-140
LCS	4,4-DDT	.12	0.129	108	.12	0.131	109	1.54	40	60-140
LCS	Aldrin	.12	0.114	95.0	.12	0.115	95.8	0.87	40	60-140
LCS	a-BHC	.12	0.120	100	.12	0.119	99.2	0.84	40	60-140
LCS	b-BHC	.12	0.130	108	.12	0.129	108	0.77	40	60-140
LCS	Chlordane	.48	0.438	91.3	.48	0.439	91.5	0.23	40	60-140
LCS	d-BHC	.12	0.127	106	.12	0.126	105	0.87	40	60-140
LCS	Dieldrin	.12	0.109	90.8	.12	0.106	88.3	2.79	40	60-140
LCS	Endosulfan I	.12	0.0796	66.3	.12	0.0815	67.9	2.36	40	60-140
LCS	Endosulfan II	.12	0.0915	76.3	.12	0.0924	77	0.98	40	60-140
LCS	Endosulfan sulfate	.12	0.124	103	.12	0.126	105	1.60	40	60-140
LCS	Endrin	.12	0.123	103	.12	0.122	102	0.82	40	60-140
LCS	Endrin aldehyde	.12	0.126	105	.12	0.123	103	2.41	40	60-140
LCS	Endrin ketone	.12	0.125	104	.12	0.125	104	0.00	40	60-140
LCS	g-BHC	.12	0.118	98.3	.12	0.118	98.3	0.00	40	60-140
LCS	Heptachlor	.12	0.134	112	.12	0.135	113	0.59	40	60-140
LCS	Heptachlor epoxide	.12	0.115	95.8	.12	0.116	96.7	0.87	40	60-140
LCS	Toxaphene	1.2	1.24	103	1.2	1.24	103	0.00	40	60-140
LCS	Decachlorobiphenyl (Surr)	.12	0.0908	75.7	.12	0.0967	80.6			60-140
LCS	2,4,5,6 Tetrachloro-m-xylene (Surr)	.12	0.100	83.3	.12	0.0988	82.3			60-140

QC Type: MS/MSD

QC Sample ID	Parameter	Sample Result	MS Spk Amt	MS Result	MS % Rec	MSD Spk Amt	MSD Result	MSD % Rec	RPD	RPD CtrLimit	%Rec CtrLimit	Qual
MS	1711031.02	4,4-DDD	< 0.003	.12	0.111	92.5	.12	0.106	88.3	4.61	40	60-140
MS	1711031.02	4,4-DDE	< 0.003	.12	0.0927	77.3	.12	0.0907	75.6	2.18	40	60-140
MS	1711031.02	4,4-DDT	< 0.003	.12	0.0924	77	.12	0.0982	81.8	6.09	40	60-140
MS	1711031.02	Aldrin	< 0.003	.12	0.101	84.2	.12	0.099	82.5	2.00	40	60-140
MS	1711031.02	a-BHC	< 0.003	.12	0.120	100	.12	0.117	97.5	2.53	40	60-140
MS	1711031.02	b-BHC	< 0.003	.12	0.131	109	.12	0.128	107	2.32	40	60-140
MS	1711031.02	Chlordane	0.0069	.48	0.421	86.3	.48	0.413	84.6	1.92	40	60-140



QUALITY CONTROL DATA

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Organochlorine Pesticides

Method : SW846 8081B

Units : ug/L

QC Batch ID : Qb17112023

QC Type: MS/MSD

	QC Sample ID	Parameter	Sample Result	MS Spk Amt	MS Result	MS % Rec	MSD Spk Amt	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
MS	1711031.02	d-BHC	< 0.003	.12	0.136	113	.12	0.132	110	2.92	40	60-140	
MS	1711031.02	Dieldrin	< 0.003	.12	0.106	88.3	.12	0.104	86.7	1.91	40	60-140	
MS	1711031.02	Endosulfan I	< 0.003	.12	0.0789	65.8	.12	0.0788	65.7	0.13	40	60-140	
MS	1711031.02	Endosulfan II	< 0.003	.12	0.0839	69.9	.12	0.0824	68.7	1.80	40	60-140	
MS	1711031.02	Endosulfan sulfate	< 0.003	.12	0.113	94.2	.12	0.112	93.3	0.89	40	60-140	
MS	1711031.02	Endrin	< 0.003	.12	0.121	101	.12	0.118	98.3	2.51	40	60-140	
MS	1711031.02	Endrin aldehyde	< 0.003	.12	0.118	98.3	.12	0.114	95	3.45	40	60-140	
MS	1711031.02	Endrin ketone	< 0.003	.12	0.122	102	.12	0.123	103	0.82	40	60-140	
MS	1711031.02	g-BHC	< 0.003	.12	0.122	102	.12	0.118	98.3	3.33	40	60-140	
MS	1711031.02	Heptachlor	0.0069	.12	0.128	101	.12	0.169	135	27.84	40	60-140	
MS	1711031.02	Heptachlor epoxide	< 0.003	.12	0.119	99.2	.12	0.116	96.7	2.55	40	60-140	
MS	1711031.02	Decachlorobiphenyl (Surr)		.12	0.0718	59.8	.12	0.0628	52.3			60-140	S
MS	1711031.02	2,4,5,6 Tetrachloro-m-xylene (Surr)		.12	0.0929	77.4	.12	0.0935	77.9			60-140	

Refer to the Definition page for terms.



QUALITY CONTROL DATA

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Polychlorinated Biphenyls

Method : SW846 8082A

Units : ug/L

QC Batch ID : Qb17112112

Sample Preparation PB17112111

Prep Method: SW846 3511

Prep Date:

By: Sotruba

QC Type: Method Blank

Parameter	CAS #	Result	DF	LRL	SDL	Qual
MB Total PCBs		< 0.006	1	0.012	0.006	
MB 2,4,5,6 Tetrachloro-m-xylene (Surr)		0.110	1			
MB Decachlorobiphenyl (Surr)	2051-24-3	0.0893	1			

QC Type: LCS/LCSD

Parameter	LCS Spk Amt	LCS Result	LCS % Rec	LCSD Spk Amt	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
LCSD Total PCBs	1.2	1.04	86.7	1.2	1.04	86.7	0.00	40	60-140	
LCS 2,4,5,6 Tetrachloro-m-xylene (Surr)	0.12	0.112	93.3	0.12	0.107	89.2			60-140	
LCS Decachlorobiphenyl (Surr)	0.12	0.097	80.8	0.12	0.094	78.3			60-140	

QC Type: MS/MSD

QC Sample ID	Parameter	Sample Result	MS Spk Amt	MS Result	MS % Rec	MSD Spk Amt	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
MS 1711131.04	Total PCBs	< 0.006	1.2	0.645	53.8	1.2	0.711	59.3		40	60-140	J1
MS 1711131.04	2,4,5,6 Tetrachloro-m-xylene (Surr)		0.12	0.104	86.7	0.12	0.100	83.3			60-140	
MS 1711131.04	Decachlorobiphenyl (Surr)		0.12	0.0556	46.3	0.12	0.0532	44.3			60-140	S

Refer to the Definition page for terms.



QUALITY CONTROL DATA

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Organochlorine Pesticides

Method : SW846 8081B

Units : ug/L

QC Batch ID : Qb17112113

Extraction PB17112112 **Prep Method:** SW846 3511 **Prep Date:** **By:** Sotruba

QC Type: Method Blank

Parameter	CAS #	Result	DF	LRL	SDL	Qual
MB a-Chlordane	5103-71-9	< 0.003	1	0.006	0.003	
MB y-Chlordane	5103-74-2	< 0.003	1	0.006	0.003	
MB 4,4-DDD	72-54-8	< 0.003	1	0.012	0.003	
MB 4,4-DDE	72-55-9	< 0.003	1	0.012	0.003	
MB 4,4-DDT	50-29-3	< 0.003	1	0.012	0.003	
MB Aldrin	309-00-2	< 0.003	1	0.006	0.003	
MB a-BHC	319-84-6	< 0.003	1	0.006	0.003	
MB b-BHC	319-85-7	< 0.003	1	0.006	0.003	
MB Chlordane	57-74-9	0.0128	1	0.006	0.003	B
MB d-BHC	319-86-8	< 0.003	1	0.006	0.003	
MB Dieldrin	60-57-1	< 0.003	1	0.006	0.003	
MB Endosulfan I	959-98-8	< 0.003	1	0.006	0.003	
MB Endosulfan II	33213-65-9	< 0.003	1	0.006	0.003	
MB Endosulfan sulfate	1031-07-8	< 0.003	1	0.006	0.003	
MB Endrin	72-20-8	< 0.003	1	0.006	0.003	
MB Endrin aldehyde	7421-93-4	< 0.003	1	0.006	0.003	
MB Endrin ketone	53494-70-5	< 0.003	1	0.006	0.003	
MB g-BHC	58-89-9	< 0.003	1	0.006	0.003	
MB Heptachlor	76-44-8	0.0128	1	0.006	0.003	B
MB Heptachlor epoxide	1024-57-3	< 0.003	1	0.006	0.003	
MB Toxaphene	8001-35-2	< 0.150	1	0.300	0.150	
MB DDT, Total	50-29-3	< 0.003	1	0.006	0.003	
MB Decachlorobiphenyl (Surr)	2051-24-3	0.110	1			
MB 2,4,5,6 Tetrachloro-m-xylene (Surr)		0.113	1			

QC Type: LCS/LCSD

Parameter	LCS Spk Amt	LCS Result	LCS % Rec	LCSD Spk Amt	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
LCSD 4,4-DDD	.12	0.148	123	.12	0.145	121	2.05	40	60-140	



QUALITY CONTROL DATA

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Organochlorine Pesticides

Method : SW846 8081B

Units : ug/L

QC Batch ID : Qb17112113

QC Type: LCS/LCSD											
	Parameter	LCS Spk Amt	LCS Result	LCS % Rec	LCSD Spk Amt	LCSD Result	LCSD % Rec	RPD	RPD CtrLimit	%Recovery CtrLimit	Qual
LCSD	4,4-DDE	.12	0.126	105	.12	0.140	117	10.13	40	60-140	
LCSD	4,4-DDT	.12	0.144	120	.12	0.146	122	1.38	40	60-140	
LCSD	Aldrin	.12	0.132	110	.12	0.115	95.8	13.77	40	60-140	
LCSD	a-BHC	.12	0.150	125	.12	0.127	106	16.61	40	60-140	
LCSD	b-BHC	.12	0.144	120	.12	0.123	103	15.73	40	60-140	
LCSD	Chlordane	.48	0.601	125	.48	0.734	153	19.93	40	60-140	J1
LCSD	d-BHC	.12	0.149	124	.12	0.131	109	12.86	40	60-140	
LCSD	Dieldrin	.12	0.125	104	.12	0.117	97.5	6.61	40	60-140	
LCSD	Endosulfan I	.12	0.0947	78.9	.12	0.102	85	7.42	40	60-140	
LCSD	Endosulfan II	.12	0.106	88.3	.12	0.103	85.8	2.87	40	60-140	
LCSD	Endosulfan sulfate	.12	0.147	123	.12	0.160	133	8.40	40	60-140	
LCSD	Endrin	.12	0.146	122	.12	0.142	118	2.78	40	60-140	
LCSD	Endrin aldehyde	.12	0.147	123	.12	0.141	118	4.17	40	60-140	
LCSD	Endrin ketone	.12	0.156	130	.12	0.153	128	1.94	40	60-140	
LCSD	g-BHC	.12	0.152	127	.12	0.129	108	16.37	40	60-140	
LCSD	Heptachlor	.12	0.159	133	.12	0.332	277	70.47	40	60-140	J1
LCSD	Heptachlor epoxide	.12	0.146	122	.12	0.132	110	10.07	40	60-140	
LCSD	Toxaphene	1.2	1.67	139	1.2	1.38	115	19.02	40	60-140	
LCS	Decachlorobiphenyl (Surr)	0.12	0.106	88.3	0.12	0.114	95			60-140	
LCS	2,4,5,6 Tetrachloro-m-xylene (Surr)	0.12	0.113	94.2	0.12	0.106	88.3			60-140	

QC Type: MS/MSD													
	QC Sample ID	Parameter	Sample Result	MS Spk Amt	MS Result	MS % Rec	MSD Spk Amt	MSD Result	MSD % Rec	RPD	RPD CtrLimit	%Rec CtrLimit	Qual
MS	1711131.04	4,4-DDD	< 0.003	.12	0.133	111	.12	0.132	110	0.76	40	60-140	
MS	1711131.04	4,4-DDE	< 0.003	.12	0.0893	74.4	.12	0.0916	76.3	2.54	40	60-140	
MS	1711131.04	4,4-DDT	< 0.003	.12	0.101	84.2	.12	0.103	85.8	1.96	40	60-140	
MS	1711131.04	Aldrin	< 0.003	.12	0.114	95	.12	0.111	92.5	2.67	40	60-140	
MS	1711131.04	a-BHC	< 0.003	.12	0.154	128	.12	0.157	131	1.93	40	60-140	
MS	1711131.04	b-BHC	< 0.003	.12	0.151	126	.12	0.150	125	0.66	40	60-140	
MS	1711131.04	Chlordane	0.0128	.48	0.563	115	.48	0.555	113	1.43	40	60-140	



QUALITY CONTROL DATA

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Organochlorine Pesticides

Method : SW846 8081B

Units : ug/L

QC Batch ID : Qb17112113

QC Type: MS/MSD

	QC Sample ID	Parameter	Sample Result	MS Spk Amt	MS Result	MS % Rec	MSD Spk Amt	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
MS	1711131.04	d-BHC	< 0.003	.12	0.160	133	.12	0.157	131	1.89	40	60-140	
MS	1711131.04	Dieldrin	< 0.003	.12	0.125	104	.12	0.123	103	1.61	40	60-140	
MS	1711131.04	Endosulfan I	< 0.003	.12	0.0864	72	.12	0.0869	72.4	0.58	40	60-140	
MS	1711131.04	Endosulfan II	< 0.003	.12	0.102	85	.12	0.102	85	0.00	40	60-140	
MS	1711131.04	Endosulfan sulfate	< 0.003	.12	0.144	120	.12	0.145	121	1.11	40	60-140	
MS	1711131.04	Endrin	< 0.003	.12	0.146	122	.12	0.145	121	0.69	40	60-140	
MS	1711131.04	Endrin aldehyde	< 0.003	.12	0.138	115	.12	0.139	116	0.72	40	60-140	
MS	1711131.04	Endrin ketone	< 0.003	.12	0.164	137	.12	0.164	137	0.00	40	60-140	
MS	1711131.04	g-BHC	< 0.003	.12	0.160	133	.12	0.158	132	1.26	40	60-140	
MS	1711131.04	Heptachlor	0.0128	.12	0.149	114	.12	0.151	115	1.33	40	60-140	
MS	1711131.04	Heptachlor epoxide	< 0.003	.12	0.150	125	.12	0.147	123	2.02	40	60-140	
MS	1711131.04	Decachlorobiphenyl (Surr)		0.12	0.0876	73	0.12	0.0879	73.3			60-140	
MS	1711131.04	2,4,5,6 Tetrachloro-m-xylene (Surr)		0.12	0.107	89.2	0.12	0.110	91.7			60-140	

Refer to the Definition page for terms.



QUALITY CONTROL DATA

8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Analysis : Polychlorinated Biphenyls

Method : SW846 8082A

Units : ug/L

QC Batch ID : Qb17112704

Sample Preparation PB17112704

Prep Method: SW846 3511

Prep Date:

By: Emiller

QC Type: Method Blank

Parameter	CAS #	Result	DF	LRL	SDL	Qual
MB Total PCBs		< 0.006	1	0.012	0.006	
MB 2,4,5,6 Tetrachloro-m-xylene (Surr)		0.118	1			
MB Decachlorobiphenyl (Surr)	2051-24-3	0.0938	1			

QC Type: LCS/LCSD

Parameter	LCS Spk Amt	LCS Result	LCS % Rec	LCSD Spk Amt	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
LCSD Total PCBs	1.2	1.15	95.8	1.2	1.12	93.3	2.64	40	60-140	
LCS 2,4,5,6 Tetrachloro-m-xylene (Surr)	0.12	0.126	105	0.12	0.119	99.2			60-140	
LCS Decachlorobiphenyl (Surr)	0.12	0.100	83.3	0.12	0.100	83.3			60-140	

QC Type: MS/MSD

QC Sample ID	Parameter	Sample Result	MS Spk Amt	MS Result	MS % Rec	MSD Spk Amt	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
MS 1711088.02	Total PCBs	< 0.006	1.2	0.854	71.2	1.2	0.888	74	3.90	40	60-140	
MS 1711088.02	2,4,5,6 Tetrachloro-m-xylene (Surr)		0.12	0.113	94.2	0.12	0.103	85.8			60-140	
MS 1711088.02	Decachlorobiphenyl (Surr)		0.12	0.0544	45.3	0.12	0.0575	47.9			60-140	S

Refer to the Definition page for terms.

SAMPLE CONDITION CHECKLIST



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

Client Name : Anamar Env Consulting, Inc.		Contact : Terence Cake
Client Address : 2106 NW 67th Place		Contact Phone : 352-377-5770
JobID : 1711131	Date Received : 11/09/2017	Time Received : 09:36 AM
Temperature : 3.0 degrees C	Sample pH : Verified upon receipt and/or sample set up.	
ThermometerID : FTI003	pHPaperID : CRL-69632-29	
Comments : Include actions taken to resolve discrepancies/problem:		

	Check Points	Yes	No	N/A
1	All samples were logged or labeled.	✓		
2	Bottle count on C-O-C matches bottle received	✓		
3	C-O-C signed and dated.	✓		
4	Cooler seal present and signed.			✓
5	If requested, sample(s) received with signed sample custody seal			✓
6	Sample amount is sufficient for analyses requested	✓		
7	Sample containers arrived intact. (if no, comment)	✓		
8	Sample ID lables Match C-O-C ID's	✓		
9	Sample received at 6°C or Less	✓		
10	Sample(s) in a cooler.	✓		
11	Sample(s) were received in appropriate container. (If no, comment)	✓		
12	Sample(s) were received with proper preservative.	✓		
13	Samples accepted.	✓		
14	Samples received within holding time for analysis requested	✓		
15	Zero headspace in liquid VOA vials	✓		



**North Water District
Laboratory Services, Inc.**
8725 Fawn Trail - The Woodlands, TX 77385
(936) 321-6060 - fax (936) 321-6061 - lab@nwdls.com

CHAIN OF CUSTODY RECORD

5024 - GIWW Across Aransas Bay

Site: 5024
GIWW Across Aransas Bay

Customer: ANA
Anamar Env Consulting, Inc.
2106 NW 67th Place, Ste. 5
Gainesville, FL 32653

#	Sample ID	Collection Point	Date	Time	Sample Type	Container			Preserve	Hold	Requested Analysis & Remarks
						Size	Type	Content			
1	5173-3483	GIC-AB-17-EQUIP BLK	11/8/17	12:30	GRAB	250mL	HDPE	Liquid	HNO3	180D	TotalMet SW846 6020A Preserved at receipt.
2	5173-3484	GIC-AB-17-EQUIP BLK	↓	↓	GRAB	250mL	HDPE	Liquid	4°C	180D	DisMet SW846 6020A Filtered, then preserved in Lab.
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											

NOTES:
All chemical preservation was done at lab. Samples needing filtration were filtered at receipt, then preserved.
Filter: CRL-67852-3
pH paper: CRL-69632-29
HNO₃: WLB-67893-1
H₂SO₄: CRL-67339-1
NaOH: WLB-16357-1
11-9-17

Sampler (Signature) 	Relinquished By (Signature) 	Date: 11/9/17 Time: 830	Received By (Signature) 	Date: 11-9-17 Time: 830
Print Name Dellar J	Relinquished By (Signature) 	Date: Time:	Received By (Signature) 	Date: Time:
Affiliation LGI	Relinquished To Laboratory By (Signature) 	Date: 11-9-17 Time: 936	Received For Laboratory By (Signature) 	Date: 11-9-17 Time: 0936

pH Meter Calibration		
Time	Slope	Buffers
		4 7 10
DO Meter 100% Air Calibration		
Time	Temp °C	D.O.



**North Water District
Laboratory Services, Inc.**

8725 Fawn Trail - The Woodlands, TX 77385
(936) 321-6060 - fax (936) 321-6061 - lab@nwdls.com

CHAIN OF CUSTODY RECORD

5024 - GIWW Across Aransas Bay

Site: 5024
GIWW Across Aransas Bay

Customer: ANA
Anamar Env Consulting, Inc.
2106 NW 67th Place, Ste. 5
Gainesville, FL 32653

#	Sample ID	Collection Point	Date	Time	Sample Type	Container			Preserve	Hold	Requested Analysis & Remarks	NOTES:
						Size	Type	Content				
1	5173-3561	GIC-AB-17-06-W	11/9/17	10:50	GRAB	60mL	VOA VIAL	Liquid	4°C	7D	SVOA8270 EPA 8270C	
2	5173-3562	GIC-AB-17-06-W			GRAB	60mL	VOA VIAL	Liquid	4°C	7D	SVOA8270(D) EPA 8270C	
3	5173-3563	GIC-AB-17-06-W			GRAB	60mL	VOA VIAL	Liquid	4°C	7D	SVOA8270(T) EPA 8270C	
4	5173-3566	GIC-AB-17-06-W			GRAB	60mL	VOA VIAL	Liquid	H2SO4 4°C	7D	OCP-NPW-8081 EPA 9081B	
5	5173-3567	GIC-AB-17-06-W			GRAB	60mL	VOA VIAL	Liquid	H2SO4 4°C	7D	OCP-NPW-8081(D) EPA 9081B	
6	5173-3568	GIC-AB-17-06-W			GRAB	60mL	VOA VIAL	Liquid	H2SO4 4°C	7D	OCP-NPW-8081(T) EPA 9081B	
7	5173-3569	GIC-AB-17-06-W			GRAB	40mL	VOA VIAL	Liquid	HCl <6°C	14D	TPH TCEQ 1005	
8	5173-3570	GIC-AB-17-06-W			GRAB	40mL	VOA VIAL	Liquid	HCl <6°C	14D	TPH(D) TCEQ 1005	
9	5173-3571	GIC-AB-17-06-W			GRAB	40mL	VOA VIAL	Liquid	HCl <6°C	14D	TPH(T) TCEQ 1005	
10	5173-3572	GIC-AB-17-06-W			GRAB	250mL	HDPE	Liquid	HNO3	180D	TotalMet SW846 6020A	
11	5173-3573	GIC-AB-17-06-W			GRAB	250mL	HDPE	Liquid	4°C	180D	DisMet SW846 6020A	
12	5173-3574	GIC-AB-17-06-W			GRAB	250mL	HDPE	Liquid	H2SO4 4°C	28D	NH3-N-SEAL EPA 350.1	
13	5173-3575	GIC-AB-17-06-W			GRAB	250mL	HDPE	Liquid	H2SO4 4°C	28D	TOC-415 EPA 415.1	
14	5173-3576	GIC-AB-17-06-W			GRAB	250mL	HDPE	Liquid	NaOH 4°C	14D	CN SM 4500-CN-E	
15	5173-3577	GIC-AB-17-06-W			GRAB	60mL	VOA VIAL	Liquid	4°C		PCB 8082 EPA 8082	
16	5173-3578	GIC-AB-17-06-W			GRAB	60mL	VOA VIAL	Liquid	4°C		PCB 8082(D) EPA 8082	

Sampler (Signature) 	Relinquished By (Signature) 	Date: 11-9-17 Time: 830	Received By (Signature) 	Date: 11-9-17 Time: 830
Print Name Dillon Johnson	Relinquished To Laboratory By (Signature) 	Date: 11-9-17 Time: 936	Received For Laboratory By (Signature) 	Date: 11-09-17 Time: 0936
Affiliation L21				

pH Meter Calibration		
Time	Slope	Buffers
		4 7 10
DO Meter 100% Air Calibration		
Time	Temp °C	D.O.



**North Water District
Laboratory Services, Inc.**
8725 Fawn Trail - The Woodlands, TX 77385
(936) 321-6060 - fax (936) 321-6061 - lab@nwdls.com

CHAIN OF CUSTODY RECORD

5024 - GIWW Across Aransas Bay

Site: 5024
GIWW Across Aransas Bay

Customer: ANA
Anamar Env Consulting, Inc.
2106 NW 67th Place, Ste. 5
Gainesville, FL 32653

#	Sample ID	Collection Point	Date	Time	Sample Type	Container			Preserve	Hold	Requested Analysis & Remarks	NOTES:
						Size	Type	Content				
17	5173-3579	GIC-AB-17-06-W	11/8/17	10:50	GRAB	60mL	VOA VIAL	Liquid	4°C	PCB 8082(T) <small>EPA 8082</small>		
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
32												

Sampler (Signature) <i>Dilber Schusta</i>	Relinquished By (Signature) <i>Dilber Schusta</i>	Date: 11/9/17 Time: 830	Received By (Signature) <i>Michael Prescott</i>	Date: 11-9-17 Time: 830	pH Meter Calibration Time Slope Buffers 4 7 10
Print Name Dilber Schusta	Relinquished By (Signature)	Date: Time:	Received By (Signature)	Date: Time:	
Affiliation LGI	Relinquished To Laboratory By (Signature) <i>Michael Prescott</i>	Date: 11-9-17 Time: 936	Received For Laboratory By (Signature) <i>Carl R</i>	Date: 11-09-17 Time: 0936	DO Meter 100% Air Calibration Time Temp °C D.O.



**North Water District
Laboratory Services, Inc.**
8725 Fawn Trail - The Woodlands, TX 77385
(936) 321-6060 - fax (936) 321-6061 - lab@nwdls.com

CHAIN OF CUSTODY RECORD

5024 - GIWW Across Aransas Bay

Site: 5024
GIWW Across Aransas Bay

Customer: ANA
Anamar Env Consulting, Inc.
2106 NW 67th Place, Ste. 5
Gainesville, FL 32653

#	Sample ID	Collection Point	Date	Time	Sample Type	Container			Preserve	Hold	Requested Analysis & Remarks	NOTES:
						Size	Type	Content				
1	5173-3675	GIC-AB-17-11-W	11/8/17	1200	GRAB	60mL	VOA VIAL	Liquid	4°C	7D	SVOA8270 EPA 8270D	
2	5173-3676	GIC-AB-17-11-W			GRAB	60mL	VOA VIAL	Liquid	4°C	7D	SVOA8270(D) EPA 8270D	
3	5173-3677	GIC-AB-17-11-W			GRAB	60mL	VOA VIAL	Liquid	4°C	7D	SVOA8270(T) EPA 8270D	
4	5173-3680	GIC-AB-17-11-W			GRAB	60mL	VOA VIAL	Liquid	H2SO4 4°C	7D	OCP-NPW-8081 EPA 8081B	
5	5173-3681	GIC-AB-17-11-W			GRAB	60mL	VOA VIAL	Liquid	H2SO4 4°C	7D	OCP-NPW-8081(D) EPA 8081B	
6	5173-3682	GIC-AB-17-11-W			GRAB	60mL	VOA VIAL	Liquid	H2SO4 4°C	7D	OCP-NPW-8081(T) EPA 8081B	
7	5173-3683	GIC-AB-17-11-W			GRAB	40mL	VOA VIAL	Liquid	HCl <6°C	14D	TPH TCEQ 1005	
8	5173-3684	GIC-AB-17-11-W			GRAB	40mL	VOA VIAL	Liquid	HCl <6°C	14D	TPH(D) TCEQ 1005	
9	5173-3685	GIC-AB-17-11-W			GRAB	40mL	VOA VIAL	Liquid	HCl <6°C	14D	TPH(T) TCEQ 1005	
10	5173-3686	GIC-AB-17-11-W			GRAB	250mL	HDPE	Liquid	HNO3	180D	TotalMet SW846 6020A	
11	5173-3687	GIC-AB-17-11-W			GRAB	250mL	HDPE	Liquid	4°C	180D	DisMet SW846 6020A	
12	5173-3688	GIC-AB-17-11-W			GRAB	250mL	HDPE	Liquid	H2SO4 4°C	28D	NH3-N-SEAL EPA 350.1	
13	5173-3689	GIC-AB-17-11-W			GRAB	250mL	HDPE	Liquid	H2SO4 4°C	28D	TOC-415 EPA 415.1	
14	5173-3690	GIC-AB-17-11-W			GRAB	250mL	HDPE	Liquid	NaOH 4°C	14D	CN SM 4500-CN-E	
15	5173-3691	GIC-AB-17-11-W			GRAB	60mL	VOA VIAL	Liquid	4°C		PCB 8082 EPA 8082	
16	5173-3692	GIC-AB-17-11-W			GRAB	60mL	VOA VIAL	Liquid	4°C		PCB 8082(D) EPA 8082	

Sampler (Signature) 	Relinquished By (Signature) 	Date: 11/9/17 Time: 830	Received By (Signature) 	Date: 11-9-17 Time: 830	pH Meter Calibration			
Print Name Dora S	Relinquished To Laboratory By (Signature) 	Date: 11-9-17 Time: 936	Received For Laboratory By (Signature) 	Date: 11/09/17 Time: 0936	Time Slope Buffers 4 7 10	DO Meter 100% Air Calibration		
Affiliation LEL					Time Temp °C D.O.			



**North Water District
Laboratory Services, Inc.**
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(936) 321-6060 - fax (936) 321-6061 - lab@nwdls.com

CHAIN OF CUSTODY RECORD

5024 - GIWW Across Aransas Bay

Site: 5024
GIWW Across Aransas Bay

Customer: ANA
Anamar Env Consulting, Inc.
2106 NW 67th Place, Ste. 5
Gainesville, FL 32653

#	Sample ID	Collection Point	Date	Time	Sample Type	Container			Preserve	Hold	Requested Analysis & Remarks
						Size	Type	Content			
17	5173-3693	GIC-AB-17 -11-W	11/8/17	12:00	GRAB	60mL	VOA VIAL	Liquid	4°C		PCB 8082(T) EPA 8082
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
31											
32											

NOTES:

Sampler (Signature) 		Relinquished By (Signature) 		Date: 11/9/17 Time: 830	Received By (Signature) 		Date: 11-9-17 Time: 830	pH Meter Calibration		
Print Name Dillon J		Relinquished By (Signature) 		Date: Time:	Received By (Signature) 		Date: Time:	Time	Slope	Buffers 4 7 10
Affiliation LSI		Relinquished To Laboratory By (Signature) 		Date: 11-9-17 Time: 936	Received For Laboratory By (Signature) 		Date: 11-09-17 Time: 0936	DO Meter 100% Air Calibration		
								Time	Temp °C	D.O.



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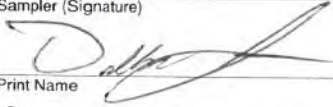
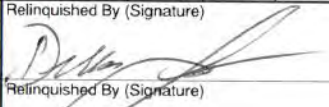
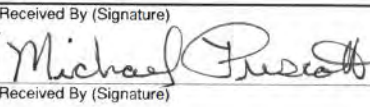

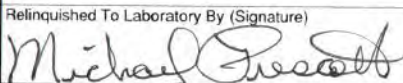
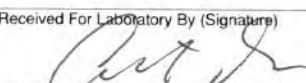
CHAIN OF CUSTODY RECORD

5024 - GIWW Across Aransas Bay

Site: 5024
GIWW Across Aransas Bay

Customer: ANA
Anamar Env Consulting, Inc.
2106 NW 67th Place, Ste. 5
Gainesville, FL 32653

#	Sample ID	Collection Point	Date	Time	Sample Type	Container			Preserve	Hold	Requested Analysis & Remarks	NOTES:
						Size	Type	Content				
1	5173-3827	GIC-AB-17-02-E	11/8/17	9:40	GRAB	1000mL	WM Glass	Solid	4°C		CORESED	
2	5173-3828	GIC-AB-17-02-E	↓	↓	GRAB	1000mL	Amber Glass	Liquid	4°C		CORE H2O	
3	5173-3829	GIC-AB-17-02-E	↓	↓	GRAB	1000mL	Amber Glass	Liquid	4°C		CORE H2O	
4	5173-3830	GIC-AB-17-02-E	↓	↓	GRAB	1000mL	Amber Glass	Liquid	4°C		CORE H2O	
5												
6												
7												
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9												
10												
11												
12												
13												
14												
15												
16												

Sampler (Signature) 	Relinquished By (Signature) 	Date: 11/9/17 Time: 830	Received By (Signature) 	Date: 11-9-17 Time: 830	pH Meter Calibration		
Print Name Dillon Johnson	Relinquished By (Signature) 	Date: Time:	Received By (Signature) 	Date: Time:	Time Slope Buffers	4 7 10	
Affiliation LEI	Relinquished To Laboratory By (Signature) 	Date: 11-9-17 Time: 936	Received For Laboratory By (Signature) 	Date: 11-09-17 Time: 0736	DO Meter 100% Air Calibration		
					Time Temp °C D.O.		



**North Water District
Laboratory Services, Inc.**
8725 Fawn Trail - The Woodlands, TX 77385
(936) 321-6060 - fax (936) 321-6061 - lab@nwdls.com

CHAIN OF CUSTODY RECORD

5024 - GIWW Across Aransas Bay

Site: 5024
GIWW Across Aransas Bay

Customer: ANA
Anamar Env Consulting, Inc.
2106 NW 67th Place, Ste. 5
Gainesville, FL 32653

#	Sample ID	Collection Point	Date	Time	Sample Type	Container			Preserve	Hold	Requested Analysis & Remarks	NOTES:
						Size	Type	Content				
1	5173-3831	GIC-AB-17-03-E	4/8/17	9:55	GRAB	1000mL	WM Glass	Solid	4°C		CORESED	
2	5173-3832	GIC-AB-17-03-E	↓	↓	GRAB	1000mL	Amber Glass	Liquid	4°C		CORE H2O	
3	5173-3833	GIC-AB-17-03-E	↓	↓	GRAB	1000mL	Amber Glass	Liquid	4°C		CORE H2O	
4	5173-3834	GIC-AB-17-03-E	↓	↓	GRAB	1000mL	Amber Glass	Liquid	4°C		CORE H2O	
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												

Sampler (Signature)
Dillon Johnston
Print Name
Dillon Johnston
Affiliation
LEI

Relinquished By (Signature)
Dillon Johnston
Relinquished By (Signature)
Dillon Johnston
Relinquished To Laboratory By (Signature)
Michael Prescott

Date: 4/8/17
Time: 830
Date:
Time:
Date: 11-9-17
Time: 936

Received By (Signature)
Michael Prescott
Received By (Signature)
Michael Prescott
Received For Laboratory By (Signature)
Michael Prescott
Date: 11-9-17
Time: 0936

pH Meter Calibration		
Time	Slope	Buffers
		4 7 10
DO Meter 100% Air Calibration		
Time	Temp °C	D.O.



**North Water District
Laboratory Services, Inc.**
8725 Fawn Trail - The Woodlands, TX 77385
(936) 321-6060 - fax (936) 321-6061 - lab@nwdls.com

CHAIN OF CUSTODY RECORD

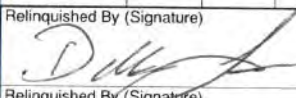
5024 - GIWW Across Aransas Bay

Site: 5024
GIWW Across Aransas Bay

Customer: ANA
Anamar Env Consulting, Inc.
2106 NW 67th Place, Ste. 5
Gainesville, FL 32653

#	Sample ID	Collection Point	Date	Time	Sample Type	Container			Preserve	Hold	Requested Analysis & Remarks
						Size	Type	Content			
1	5173-3835	GIC-AB-17-04-E	11/7/17	16:30	GRAB	1000mL	WM Glass	Solid	4°C		CORESED
2	5173-3836	GIC-AB-17-04-E	↓	↓	GRAB	1000mL	Amber Glass	Liquid	4°C		CORE H2O
3	5173-3837	GIC-AB-17-04-E	↓	↓	GRAB	1000mL	Amber Glass	Liquid	4°C		CORE H2O
4	5173-3838	GIC-AB-17-04-E	↓	↓	GRAB	1000mL	Amber Glass	Liquid	4°C		CORE H2O
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NOTES:

Sampler (Signature) 	Relinquished By (Signature) 	Date: 11/9/17 Time: 830	Received By (Signature) 	Date: 11-9-17 Time: 830
Print Name D. Deaton	Relinquished By (Signature) 	Date: Time:	Received By (Signature) 	Date: Time:
Affiliation L21	Relinquished To Laboratory By (Signature) 	Date: 11-9-17 Time: 936	Received For Laboratory By (Signature) 	Date: 11-09-17 Time: 0936

pH Meter Calibration		
Time	Slope	Buffers
		4 7 10
DO Meter 100% Air Calibration		
Time	Temp °C	D.O.



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CHAIN OF CUSTODY RECORD

5024 - GIWW Across Aransas Bay

Site: 5024
GIWW Across Aransas Bay

Customer: ANA
Anamar Env Consulting, Inc.
2106 NW 67th Place, Ste. 5
Gainesville, FL 32653

#	Sample ID	Collection Point	Date	Time	Sample Type	Container			Preserve	Hold	Requested Analysis & Remarks	NOTES:
						Size	Type	Content				
1	5173-3839	GIC-AB-17-05-E	11/7/17	6.14	GRAB	1000mL	WM Glass	Solid	4°C		CORESED	
2	5173-3840	GIC-AB-17-05-E			GRAB	1000mL	Amber Glass	Liquid	4°C		CORE H2O	
3	5173-3841	GIC-AB-17-05-E			GRAB	1000mL	Amber Glass	Liquid	4°C		CORE H2O	
4	5173-3842	GIC-AB-17-05-E			GRAB	1000mL	Amber Glass	Liquid	4°C		CORE H2O	
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Sampler (Signature) 	Relinquished By (Signature) 	Date: 11/9/17 Time: 830	Received By (Signature) 	Date: 11-9-17 Time: 830	pH Meter Calibration		
Print Name Dillon Sheshera	Relinquished By (Signature) 	Date: Time:	Received By (Signature) 	Date: Time:	Time Slope Buffers	4 7 10	
Affiliation L&L	Relinquished To Laboratory By (Signature) 	Date: 11-9-17 Time: 936	Received For Laboratory By (Signature) 	Date: 11-09-17 Time: 0936	DO Meter 100% Air Calibration		
					Time Temp °C D.O.		





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CHAIN OF CUSTODY RECORD

5024 - GIWW Across Aransas Bay

Site: 5024	Customer: ANA
GIWW Across Aransas Bay	Anamar Env Consulting, Inc. 2106 NW 67th Place, Ste. 5 Gainesville, FL 32653

#	Sample ID	Collection Point	Date	Time	Sample Type	Container			Preserve	Hold	Requested Analysis & Remarks	NOTES:
						Size	Type	Content				
1	5173-3843	GIC-AB-17-06-E	11/7/17	15:55	GRAB	1000mL	WM Glass	Solid	4°C		CORESED	
2	5173-3844	GIC-AB-17-06-E	↓	↓	GRAB	1000mL	Amber Glass	Liquid	4°C		CORE H2O	
3	5173-3845	GIC-AB-17-06-E	↓	↓	GRAB	1000mL	Amber Glass	Liquid	4°C		CORE H2O	
4	5173-3846	GIC-AB-17-06-E	↓	↓	GRAB	1000mL	Amber Glass	Liquid	4°C		CORE H2O	
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Sampler (Signature) 	Relinquished By (Signature) 	Date: 11/9/17 Time: 830	Received By (Signature) 	Date: 11-9-17 Time: 830	pH Meter Calibration Time Slope Buffers 4 7 10
Print Name D. Schuster	Relinquished By (Signature) 	Date: Time:	Received By (Signature) 	Date: Time:	DO Meter 100% Air Calibration Time Temp °C D.O.
Affiliation LEI	Relinquished To Laboratory By (Signature) 	Date: 11-9-17 Time: 936	Received For Laboratory By (Signature) 	Date: 11-09-17 Time: 0936	Time Temp °C D.O.



**North Water District
Laboratory Services, Inc.**
8725 Fawn Trail - The Woodlands, TX 77385
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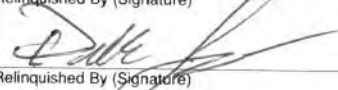
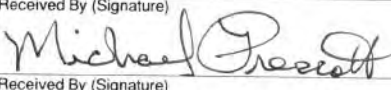
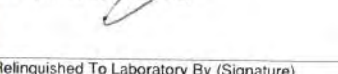
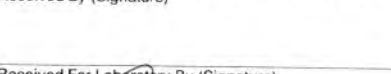
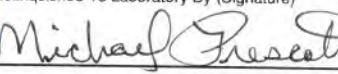
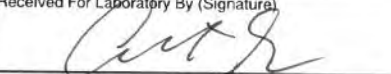
CHAIN OF CUSTODY RECORD

5024 - GIWW Across Aransas Bay

Site: 5024
GIWW Across Aransas Bay

Customer: ANA
Anamar Env Consulting, Inc.
2106 NW 67th Place, Ste. 5
Gainesville, FL 32653

#	Sample ID	Collection Point	Date	Time	Sample Type	Container			Preserve	Hold	Requested Analysis & Remarks	NOTES:
						Size	Type	Content				
1	5173-3847	GIC-AB-17-07-E	11/7/17	15:37	GRAB	1000mL	WM Glass	Solid	4°C		CORESED	
2	5173-3848	GIC-AB-17-07-E	↓	↓	GRAB	1000mL	Amber Glass	Liquid	4°C		CORE H2O	
3	5173-3849	GIC-AB-17-07-E	↓	↓	GRAB	1000mL	Amber Glass	Liquid	4°C		CORE H2O	
4	5173-3850	GIC-AB-17-07-E	↓	↓	GRAB	1000mL	Amber Glass	Liquid	4°C		CORE H2O	
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Sampler (Signature) 	Relinquished By (Signature) 	Date: 11/9/17 Time: 830	Received By (Signature) 	Date: 11-9-17 Time: 830	pH Meter Calibration Time Slope Buffers 4 7 10
Print Name D. Miller	Relinquished By (Signature) 	Date: Time:	Received By (Signature) 	Date: Time:	DO Meter 100% Air Calibration Time Temp °C D.O.
Affiliation Lwal	Relinquished To Laboratory By (Signature) 	Date: 11-9-17 Time: 936	Received For Laboratory By (Signature) 	Date: 11-09-17 Time: 0936	Time Temp °C D.O.





**North Water District
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CHAIN OF CUSTODY RECORD

5024 - GIWW Across Aransas Bay

Site: 5024 GIWW Across Aransas Bay	Customer: ANA Anamar Env Consulting, Inc. 2106 NW 67th Place, Ste. 5 Gainesville, FL 32653
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#	Sample ID	Collection Point	Date	Time	Sample Type	Container			Preserve	Hold	Requested Analysis & Remarks	NOTES:
						Size	Type	Content				
1	5173-3851	GIC-AB-17-08-E	11/7/17	1345	GRAB	1000mL	WM Glass	Solid	4°C		CORESED	
2	5173-3852	GIC-AB-17-08-E	↓	↓	GRAB	1000mL	Amber Glass	Liquid	4°C		CORE H2O	
3	5173-3853	GIC-AB-17-08-E	↓	↓	GRAB	1000mL	Amber Glass	Liquid	4°C		CORE H2O	
4	5173-3854	GIC-AB-17-08-E	↓	↓	GRAB	1000mL	Amber Glass	Liquid	4°C		CORE H2O	
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Sampler (Signature) 	Relinquished By (Signature) 	Date: 11/9/17 Time: 830	Received By (Signature) 	Date: 11-9-17 Time: 830	pH Meter Calibration	Time Slope Buffers 4 7 10
Print Name D. Schuster	Relinquished To Laboratory By (Signature) 	Date: 11-9-17 Time: 936	Received For Laboratory By (Signature) 	Date: 11-09-17 Time: 0936	DO Meter 100% Air Calibration	Time Temp °C D.O.



**North Water District
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CHAIN OF CUSTODY RECORD
5024 - GIWW Across Aransas Bay

Site: 5024
GIWW Across Aransas Bay

Customer: ANA
Anamar Env Consulting, Inc.
2106 NW 67th Place, Ste. 5
Gainesville, FL 32653

#	Sample ID	Collection Point	Date	Time	Sample Type	Container			Preserve	Hold	Requested Analysis & Remarks	NOTES:
						Size	Type	Content				
1	5173-3855	GIC-AB-17-09-E	11/7/17	13:05	GRAB	1000mL	WM Glass	Solid	4°C		CORESED	
2	5173-3856	GIC-AB-17-09-E	↓	↓	GRAB	1000mL	Amber Glass	Liquid	4°C		CORE H2O	
3	5173-3857	GIC-AB-17-09-E	↓	↓	GRAB	1000mL	Amber Glass	Liquid	4°C		CORE H2O	
4	5173-3858	GIC-AB-17-09-E	↓	↓	GRAB	1000mL	Amber Glass	Liquid	4°C		CORE H2O	
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Sampler (Signature) 	Relinquished By (Signature) 	Date: 11/9/17 Time: 830	Received By (Signature) 	Date: 11-9-17 Time: 830	pH Meter Calibration Time Slope Buffers 4 7 10
Print Name Dilip Shrestha	Relinquished By (Signature) 	Date: Time:	Received By (Signature) 	Date: Time:	DO Meter 100% Air Calibration Time Temp °C D.O.
Affiliation LSI	Relinquished To Laboratory By (Signature) 	Date: 11-9-17 Time: 936	Received For Laboratory By (Signature) 	Date: 11-09-17 Time: 0936	Time Temp °C D.O.



**North Water District
Laboratory Services, Inc.**
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CHAIN OF CUSTODY RECORD

5024 - GIWW Across Aransas Bay

Site: 5024
GIWW Across Aransas Bay

Customer: ANA
Anamar Env Consulting, Inc.
2106 NW 67th Place, Ste. 5
Gainesville, FL 32653

#	Sample ID	Collection Point	Date	Time	Sample Type	Container			Preserve	Hold	Requested Analysis & Remarks	NOTES:
						Size	Type	Content				
1	5173-3859	GIC-AB-17-10-E	11/8/17	12:40	GRAB	1000mL	WM Glass	Solid	4°C		CORESED	
2	5173-3860	GIC-AB-17-10-E			GRAB	1000mL	Amber Glass	Liquid	4°C		CORE H2O	
3	5173-3861	GIC-AB-17-10-E			GRAB	1000mL	Amber Glass	Liquid	4°C		CORE H2O	
4	5173-3862	GIC-AB-17-10-E			GRAB	1000mL	Amber Glass	Liquid	4°C		CORE H2O	
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Sampler (Signature) 	Relinquished By (Signature) 	Date: 11/9/17 Time: 830	Received By (Signature) 	Date: 11-9-17 Time: 830	pH Meter Calibration Time Slope Buffers 4 7 10
Print Name Dora Johnson	Relinquished By (Signature) 	Date: Time:	Received By (Signature) 	Date: Time:	
Affiliation LSC	Relinquished To Laboratory By (Signature) 	Date: 11-9-17 Time: 936	Received For Laboratory By (Signature) 	Date: 11-09-17 Time: 0936	DO Meter 100% Air Calibration Time Temp °C D.O.



**North Water District
Laboratory Services, Inc.**
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CHAIN OF CUSTODY RECORD

5024 - GIWW Across Aransas Bay

Site: 5024
GIWW Across Aransas Bay

Customer: ANA
Anamar Env Consulting, Inc.
2106 NW 67th Place, Ste. 5
Gainesville, FL 32653

12265

#	Sample ID	Collection Point	Date	Time	Sample Type	Container			Preserve	Hold	Requested Analysis & Remarks	NOTES:
						Size	Type	Content				
1	5173-3867	GIC-AB-17-11-E	11/7/17	12:25	GRAB	1000mL	WM Glass	Solid	4°C		CORESED	
2	5173-3868	GIC-AB-17-11-E	↓	↓	GRAB	1000mL	Amber Glass	Liquid	4°C		CORE H2O	
3	5173-3869	GIC-AB-17-11-E	↓	↓	GRAB	1000mL	Amber Glass	Liquid	4°C		CORE H2O	
4	5173-3870	GIC-AB-17-11-E	↓	↓	GRAB	1000mL	Amber Glass	Liquid	4°C		CORE H2O	
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Sampler (Signature) Print Name Diller J Affiliation L21	Relinquished By (Signature) Relinquished By (Signature) Michael Prescott Relinquished To Laboratory By (Signature) Michael Prescott	Date 11/9/17 Time 830 Date 11-9-17 Time 830 Date 11-9-17 Time 936	Received By (Signature) Received By (Signature) Michael Prescott Received For Laboratory By (Signature) Michael Prescott	Date 11-9-17 Time 830 Date 11-09-17 Time 0936	pH Meter Calibration Time Slope Buffers 4 7 10 DO Meter 100% Air Calibration Time Temp °C D.O.
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**North Water District
Laboratory Services, Inc.**

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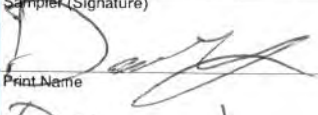
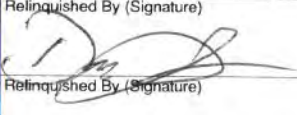
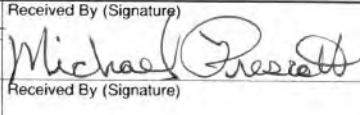
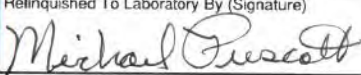
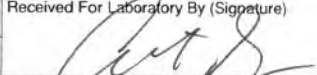
CHAIN OF CUSTODY RECORD

5024 - GIWW Across Aransas Bay

Site: 5024
GIWW Across Aransas Bay

Customer: ANA
Anamar Env Consulting, Inc.
2106 NW 67th Place, Ste. 5
Gainesville, FL 32653

#	Sample ID	Collection Point	Date	Time	Sample Type	Container			Preserve	Hold	Requested Analysis & Remarks	NOTES:
						Size	Type	Content				
1	5173-3871	GIC-AB-17-12-E	11/7/17	12:00	GRAB	1000mL	WM Glass	Solid	4°C		CORESED	
2	5173-3872	GIC-AB-17-12-E			GRAB	1000mL	Amber Glass	Liquid	4°C		CORE H2O	
3	5173-3873	GIC-AB-17-12-E			GRAB	1000mL	Amber Glass	Liquid	4°C		CORE H2O	
4	5173-3874	GIC-AB-17-12-E			GRAB	1000mL	Amber Glass	Liquid	4°C		CORE H2O	
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Sampler (Signature)  Print Name Dillen	Relinquished By (Signature)  Relinquished By (Signature) Michael Prescott	Date: 11/9/17 Time: 830 Date: Time:	Received By (Signature)  Received By (Signature) Michael Prescott	Date: 11-9-17 Time: 830 Date: Time:	pH Meter Calibration Time Slope Buffers 4 7 10
Affiliation ESI	Relinquished To Laboratory By (Signature)  Relinquished To Laboratory By (Signature) Michael Prescott	Date: 11-9-17 Time: 936 Date: Time:	Received For Laboratory By (Signature)  Received For Laboratory By (Signature) Michael Prescott	Date: 11-09-17 Time: 0936 Date: Time:	DO Meter 100% Air Calibration Time Temp °C D.O.



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CHAIN OF CUSTODY RECORD

5024 - GIWW Across Aransas Bay

Site: 5024
GIWW Across Aransas Bay

Customer: ANA
Anamar Env Consulting, Inc.
2106 NW 67th Place, Ste. 5
Gainesville, FL 32653

#	Sample ID	Collection Point	Date	Time	Sample Type	Container			Preserve	Hold	Requested Analysis & Remarks	NOTES:
						Size	Type	Content				
1	5173-3875	GIC-AB-17-13-E	11/2/17	11:18	GRAB	1000mL	WM Glass	Solid	4°C		CORESED	
2	5173-3876	GIC-AB-17-13-E	↓	↓	GRAB	1000mL	Amber Glass	Liquid	4°C		CORE H2O	
3	5173-3877	GIC-AB-17-13-E	↓	↓	GRAB	1000mL	Amber Glass	Liquid	4°C		CORE H2O	
4	5173-3878	GIC-AB-17-13-E	↓	↓	GRAB	1000mL	Amber Glass	Liquid	4°C		CORE H2O	
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Sampler (Signature)  Print Name DeLa J Affiliation ESI	Relinquished By (Signature)  Relinquished By (Signature)  Relinquished To Laboratory By (Signature) 	Date: 11/9/17 Time: 830 Date: Time:	Received By (Signature)  Received By (Signature)  Received For Laboratory By (Signature) 	Date: 11-9-17 Time: 830 Date: Time:	pH Meter Calibration Time Slope Buffers 4 7 10 DO Meter 100% Air Calibration Time Temp °C D.O. Date: 11-09-17 Time: 0736
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CHAIN OF CUSTODY RECORD

5024 - GIWW Across Aransas Bay

Site: 5024
GIWW Across Aransas Bay

Customer: ANA
Anamar Env Consulting, Inc.
2106 NW 67th Place, Ste. 5
Gainesville, FL 32653

11/9

#	Sample ID	Collection Point	Date	Time	Sample Type	Container			Preserve	Hold	Requested Analysis & Remarks	NOTES:
						Size	Type	Content				
1	5173-3879	GIC-AB-17-14-E	11/7/17	11:00	GRAB	1000mL	WM Glass	Solid	4°C		CORESED	
2	5173-3880	GIC-AB-17-14-E			GRAB	1000mL	Amber Glass	Liquid	4°C		CORE H2O	
3	5173-3881	GIC-AB-17-14-E			GRAB	1000mL	Amber Glass	Liquid	4°C		CORE H2O	
4	5173-3882	GIC-AB-17-14-E			GRAB	1000mL	Amber Glass	Liquid	4°C		CORE H2O	
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Sampler (Signature) 	Relinquished By (Signature) 	Date: 11/9/17 Time: 830	Received By (Signature) 	Date: 11-9-17 Time: 830	pH Meter Calibration Time Slope Buffers 4 7 10
Print Name D. Dan S.	Relinquished By (Signature) 	Date: Time:	Received By (Signature) 	Date: Time:	
Affiliation L21	Relinquished To Laboratory By (Signature) 	Date: 11-9-17 Time: 936	Received For Laboratory By (Signature) 	Date: 11-09-17 Time: 0936	DO Meter 100% Air Calibration Time Temp °C D.O.



**North Water District
Laboratory Services, Inc.**
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(936) 321-6060 - fax (936) 321-6061 - lab@nwdls.com

CHAIN OF CUSTODY RECORD

5024 - GIWW Across Aransas Bay

Site: 5024
GIWW Across Aransas Bay

Customer: ANA
Anamar Env Consulting, Inc.
2106 NW 67th Place, Ste. 5
Gainesville, FL 32653

#	Sample ID	Collection Point	Date	Time	Sample Type	Container			Preserve	Hold	Requested Analysis & Remarks	NOTES:
						Size	Type	Content				
1	5173-3883	GIC-AB-17-15-E	9/7/12	10:45	GRAB	1000mL	WM Glass	Solid	4°C		CORESED	
2	5173-3884	GIC-AB-17-15-E	↓	↓	GRAB	1000mL	Amber Glass	Liquid	4°C		CORE H2O	
3	5173-3885	GIC-AB-17-15-E	↓	↓	GRAB	1000mL	Amber Glass	Liquid	4°C		CORE H2O	
4	5173-3886	GIC-AB-17-15-E	↓	↓	GRAB	1000mL	Amber Glass	Liquid	4°C		CORE H2O	
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Sampler (Signature) Print Name Diller S Affiliation 	Relinquished By (Signature) Relinquished By (Signature) Relinquished To Laboratory By (Signature) 	Date: 11/9/12 Time: 830 Date: Time:	Received By (Signature) Received By (Signature) Received For Laboratory By (Signature) 	Date: 11-9-17 Time: 830 Date: Time:	pH Meter Calibration Time Slope Buffers 4 7 10 DO Meter 100% Air Calibration Time Temp °C D.O.
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**North Water District
Laboratory Services, Inc.**
8725 Fawn Trail - The Woodlands, TX 77385
(936) 321-6060 - fax (936) 321-6061 - lab@nwdls.com

CHAIN OF CUSTODY RECORD

5024 - GIWW Across Aransas Bay

Site: 5024	Customer: ANA
GIWW Across Aransas Bay	Anamar Env Consulting, Inc. 2106 NW 67th Place, Ste. 5 Gainesville, FL 32653

#	Sample ID	Collection Point	Date	Time	Sample Type	Container			Preserve	Hold	Requested Analysis & Remarks	NOTES:
						Size	Type	Content				
1	5173-3914	GIC-AB-17-02-S	4-8-17	9:40	GRAB	250mL	Glass, FP-cap	Solid	4°C		CORESED	
2	5173-3915	GIC-AB-17-02-S	↓	↓	GRAB	250mL	Glass, FP-cap	Solid	4°C		CORESED	
3	5173-3916	GIC-AB-17-02-S	↓	↓	GRAB	250mL	Glass, FP-cap	Solid	4°C	14D	TPH S&CM TCEQ 1005	
4	5173-3917	GIC-AB-17-02-S	↓	↓	GRAB	250mL	Glass	Solid	4°C		SCL GS	
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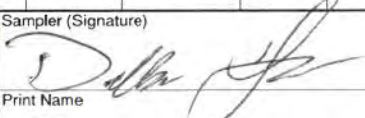
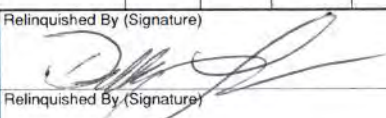
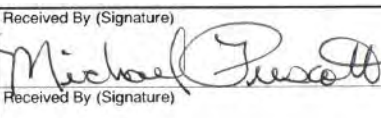
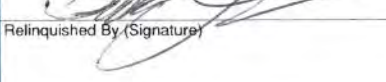
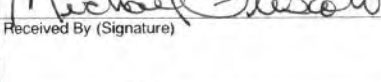
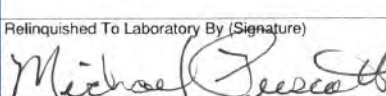
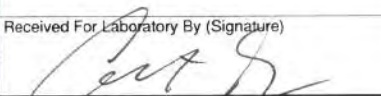
Sampler (Signature) 	Relinquished By (Signature) 	Date: 11/9/17 Time: 830	Received By (Signature) 	Date: 11-9-17 Time: 830	pH Meter Calibration
Print Name Deborah Johnson	Relinquished By (Signature) 	Date: 11-9-17 Time: 936	Received By (Signature) 	Date: 11/9/17 Time: 0936	Time Slope Buffers 4 7 10
Affiliation LEI	Relinquished To Laboratory By (Signature)	Date: Time:	Received For Laboratory By (Signature)	Date: Time:	DO Meter 100% Air Calibration Time Temp °C D.O.



	North Water District Laboratory Services, Inc. 8725 Fawn Trail - The Woodlands, TX 77385 (936) 321-6060 - fax (936) 321-6061 - lab@nwdls.com	<h2 style="margin:0;">CHAIN OF CUSTODY RECORD</h2> <h3 style="margin:0;">5024 - GIWW Across Aransas Bay</h3>
---	---	--

Site: 5024 GIWW Across Aransas Bay	Customer: ANA Anamar Env Consulting, Inc. 2106 NW 67th Place, Ste. 5 Gainesville, FL 32653
---------------------------------------	---

#	Sample ID	Collection Point	Date	Time	Sample Type	Container			Preserve	Hold	Requested Analysis & Remarks	NOTES:
						Size	Type	Content				
1	5173-3918	GIC-AB-17-03-S	11/8/17	9:55	GRAB	250mL	Glass, FP-cap	Solid	4°C		CORESED	
2	5173-3919	GIC-AB-17-03-S	↓	↓	GRAB	250mL	Glass, FP-cap	Solid	4°C		CORESED	
3	5173-3920	GIC-AB-17-03-S	↓	↓	GRAB	250mL	Glass, FP-cap	Solid	4°C	14D	TPH S&CM TCEQ 1005	
4	5173-3921	GIC-AB-17-03-S	↓	↓	GRAB	250mL	Glass	Solid	4°C		SCL GS	
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Sampler (Signature) 	Relinquished By (Signature) 	Date: 11/9/17 Time: 8:30	Received By (Signature) 	Date: 11-9-17 Time: 8:30	pH Meter Calibration Time Slope Buffers 4 7 10
Print Name Dillon Johnston	Relinquished By (Signature) 	Date: Time:	Received By (Signature) 	Date: Time:	DO Meter 100% Air Calibration Time Temp °C D.O.
Affiliation LSI	Relinquished To Laboratory By (Signature) 	Date: 11-9-17 Time: 9:34	Received For Laboratory By (Signature) 	Date: 11-09-17 Time: 0936	



**North Water District
Laboratory Services, Inc.**

8725 Fawn Trail - The Woodlands, TX 77385
(936) 321-6060 - fax (936) 321-6061 - lab@nwdls.com

CHAIN OF CUSTODY RECORD

5024 - GIWW Across Aransas Bay

Site: 5024
GIWW Across Aransas Bay

Customer: ANA
Anamar Env Consulting, Inc.
2106 NW 67th Place, Ste. 5
Gainesville, FL 32653

#	Sample ID	Collection Point	Date	Time	Sample Type	Container			Preserve	Hold	Requested Analysis & Remarks	NOTES:
						Size	Type	Content				
1	5173-3946	GIC-AB-17-04-S	4/7/17	16:30	GRAB	250mL	Glass, FP-cap	Solid	4°C		CORESED	
2	5173-3947	GIC-AB-17-04-S	↓	↓	GRAB	250mL	Glass, FP-cap	Solid	4°C		CORESED	
3	5173-3948	GIC-AB-17-04-S	↓	↓	GRAB	250mL	Glass, FP-cap	Solid	4°C	14D	TPH S&CM TCEQ 1005	
4	5173-3949	GIC-AB-17-04-S	↓	↓	GRAB	250mL	Glass	Solid	4°C		SCL GS	
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Sampler (Signature) 	Relinquished By (Signature) 	Date: 11/9/17 Time: 830	Received By (Signature) 	Date: 11-9-17 Time: 830	pH Meter Calibration Time Slope Buffers 4 7 10
Print Name Dillon Johnston	Relinquished To Laboratory By (Signature) 	Date: 11-9-17 Time: 936	Received For Laboratory By (Signature) 	Date: 11-09-17 Time: 0936	
Affiliation L21					



**North Water District
Laboratory Services, Inc.**
8725 Fawn Trail - The Woodlands, TX 77385
(936) 321-6060 - fax (936) 321-6061 - lab@nwlds.com

CHAIN OF CUSTODY RECORD

5024 - GIWW Across Aransas Bay

Site: 5024
GIWW Across Aransas Bay

Customer: ANA
Anamar Env Consulting, Inc.
2106 NW 67th Place, Ste. 5
Gainesville, FL 32653

#	Sample ID	Collection Point	Date	Time	Sample Type	Container			Preserve	Hold	Requested Analysis & Remarks	NOTES:
						Size	Type	Content				
1	5173-3950	GIC-AB-17-05-S	4/2/17	16:14	GRAB	250mL	Glass, FP-cap	Solid	4°C		CORESED	
2	5173-3951	GIC-AB-17-05-S	↓	↓	GRAB	250mL	Glass, FP-cap	Solid	4°C		CORESED	
3	5173-3952	GIC-AB-17-05-S	↓	↓	GRAB	250mL	Glass, FP-cap	Solid	4°C	14D	TPH S&CM TCEQ 1005	
4	5173-3953	GIC-AB-17-05-S	↓	↓	GRAB	250mL	Glass	Solid	4°C		SCL GS	
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Sampler (Signature) 	Relinquished By (Signature) 	Date: 11/9/17 Time: 830	Received By (Signature) 	Date: 11-9-17 Time: 830	pH Meter Calibration Time Slope Buffers 4 7 10
Print Name D. Schuster	Relinquished By (Signature) 	Date: Time:	Received By (Signature) 	Date: Time:	DO Meter 100% Air Calibration Time Temp °C D.O.
Affiliation LSI	Relinquished To Laboratory By (Signature) 	Date: 11-9-17 Time: 936	Received For Laboratory By (Signature) 	Date: 11-9-17 Time: 0936	



**North Water District
Laboratory Services, Inc.**
8725 Fawn Trail - The Woodlands, TX 77385
(936) 321-6060 - fax (936) 321-6061 - lab@nwlds.com

CHAIN OF CUSTODY RECORD

5024 - GIWW Across Aransas Bay

Site: 5024
GIWW Across Aransas Bay

Customer: ANA
Anamar Env Consulting, Inc.
2106 NW 67th Place, Ste. 5
Gainesville, FL 32653

#	Sample ID	Collection Point	Date	Time	Sample Type	Container			Preserve	Hold	Requested Analysis & Remarks	NOTES:
						Size	Type	Content				
1	5173-3954	GIC-AB-17-06-S	11/7/17	15:55	GRAB	250mL	Glass, FP-cap	Solid	4°C		CORESED	
2	5173-3955	GIC-AB-17-06-S	↓	↓	GRAB	250mL	Glass, FP-cap	Solid	4°C		CORESED	
3	5173-3956	GIC-AB-17-06-S	↓	↓	GRAB	250mL	Glass, FP-cap	Solid	4°C	14D	TPH S&CM TCEQ 1005	
4	5173-3957	GIC-AB-17-06-S	↓	↓	GRAB	250mL	Glass	Solid	4°C		SCL GS	
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Sampler (Signature) 	Relinquished By (Signature) 	Date: 11/9/17 Time: 830	Received By (Signature) 	Date: 11-9-17 Time: 830	pH Meter Calibration Time Slope Buffers 4 7 10
Print Name Dillon Schuster	Relinquished By (Signature) 	Date: Time:	Received By (Signature) 	Date: Time:	DO Meter 100% Air Calibration Time Temp °C D.O.
Affiliation LEC	Relinquished To Laboratory By (Signature) 	Date: 11-9-17 Time: 936	Received For Laboratory By (Signature) 	Date: 11-09-17 Time: 0936	



**North Water District
Laboratory Services, Inc.**
8725 Fawn Trail - The Woodlands, TX 77385
(936) 321-6060 - fax (936) 321-6061 - lab@nwdls.com

CHAIN OF CUSTODY RECORD

5024 - GIWW Across Aransas Bay

Site: 5024
GIWW Across Aransas Bay

Customer: ANA
Anamar Env Consulting, Inc.
2106 NW 67th Place, Ste. 5
Gainesville, FL 32653

#	Sample ID	Collection Point	Date	Time	Sample Type	Container			Preserve	Hold	Requested Analysis & Remarks
						Size	Type	Content			
1	5173-3958	GIC-AB-17-07-S	11/7/17	15:37	GRAB	250mL	Glass, FP-cap	Solid	4°C		CORESED
2	5173-3959	GIC-AB-17-07-S			GRAB	250mL	Glass, FP-cap	Solid	4°C		CORESED
3	5173-3960	GIC-AB-17-07-S			GRAB	250mL	Glass, FP-cap	Solid	4°C	14D	TPH S&CM TCEG 1005
4	5173-3961	GIC-AB-17-07-S			GRAB	250mL	Glass	Solid	4°C		SCL GS
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NOTES:

Sampler (Signature)
[Signature]
Print Name
Diana Schuss
Affiliation
LSI

Relinquished By (Signature)
[Signature]
Relinquished By (Signature)
[Signature]
Relinquished To Laboratory By (Signature)
Michael Prescott

Date: 11/9/17
Time: 8:30
Date: 11-9-17
Time: 9:36

Received By (Signature)
Michael Prescott
Received By (Signature)
[Signature]
Received For Laboratory By (Signature)
[Signature]

Date: 11-9-17
Time: 8:30
Date:
Time:
Date: 11-09-17
Time: 0936

pH Meter Calibration		
Time	Slope	Buffers
		4 7 10
DO Meter 100% Air Calibration		
Time	Temp °C	D.O.



**North Water District
Laboratory Services, Inc.**
8725 Fawn Trail - The Woodlands, TX 77385
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CHAIN OF CUSTODY RECORD

5024 - GIWW Across Aransas Bay

Site: 5024
GIWW Across Aransas Bay

Customer: ANA
Anamar Env Consulting, Inc.
2106 NW 67th Place, Ste. 5
Gainesville, FL 32653

#	Sample ID	Collection Point	Date	Time	Sample Type	Container			Preserve	Hold	Requested Analysis & Remarks	NOTES:
						Size	Type	Content				
1	5173-3962	GIC-AB-17-08-S	11/9/17	1325	GRAB	250mL	Glass, FP-cap	Solid	4°C		CORESED	
2	5173-3963	GIC-AB-17-08-S	↓	↓	GRAB	250mL	Glass, FP-cap	Solid	4°C		CORESED	
3	5173-3964	GIC-AB-17-08-S	↓	↓	GRAB	250mL	Glass, FP-cap	Solid	4°C	14D	TPH S&CM TCEO 1005	
4	5173-3965	GIC-AB-17-08-S	↓	↓	GRAB	250mL	Glass	Solid	4°C		SCL GS	
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Sampler (Signature) 	Relinquished By (Signature) 	Date: 11/9/17 Time: 830	Received By (Signature) 	Date: 11-9-17 Time: 830	pH Meter Calibration Time Slope Buffers 4 7 10 DO Meter 100% Air Calibration Time Temp °C D.O.
Print Name D. J. Smith	Relinquished By (Signature) 	Date: Time:	Received By (Signature) 	Date: Time:	
Affiliation LEI	Relinquished To Laboratory By (Signature) 	Date: 11-9-17 Time: 0936	Received For Laboratory By (Signature) 	Date: 11-09-17 Time: 0936	



**North Water District
Laboratory Services, Inc.**

8725 Fawn Trail - The Woodlands, TX 77385
(936) 321-6060 - fax (936) 321-6061 - lab@nwdls.com

CHAIN OF CUSTODY RECORD

5024 - GIWW Across Aransas Bay

Site: 5024

Customer: ANA

GIWW Across Aransas Bay

Anamar Env Consulting, Inc.
2106 NW 67th Place, Ste. 5
Gainesville, FL 32653

#	Sample ID	Collection Point	Date	Time	Sample Type	Container			Preserve	Hold	Requested Analysis & Remarks	NOTES:
						Size	Type	Content				
1	5173-3966	GIC-AB-17 -09-S	11/7/17	13:05	GRAB	250mL	Glass, FP-cap	Solid	4°C		CORESED	
2	5173-3967	GIC-AB-17 -09-S	↓	↓	GRAB	250mL	Glass, FP-cap	Solid	4°C		CORESED	
3	5173-3968	GIC-AB-17 -09-S	↓	↓	GRAB	250mL	Glass, FP-cap	Solid	4°C	14D	TPH S&CM TCE0 1005	
4	5173-3969	GIC-AB-17 -09-S	↓	↓	GRAB	250mL	Glass	Solid	4°C		SCL GS	
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Sampler (Signature) <i>[Signature]</i>	Relinquished By (Signature) <i>[Signature]</i>	Date: 11/9/17 Time: 830	Received By (Signature) <i>[Signature]</i>	Date: 11-9-17 Time: 830	pH Meter Calibration Time: Slope: Buffers: 4 7 10
Print Name Diana Sams	Relinquished By (Signature)	Date:	Received By (Signature)	Date:	DO Meter 100% Air Calibration Time: Temp °C: D.O.:
Affiliation LCS 1	Relinquished To Laboratory By (Signature) <i>[Signature]</i>	Date: 11-9-17 Time: 936	Received For Laboratory By (Signature) <i>[Signature]</i>	Date: 11-09-17 Time: 0936	



**North Water District
Laboratory Services, Inc.**

8725 Fawn Trail - The Woodlands, TX 77385
(936) 321-6060 - fax (936) 321-6061 - lab@nwdls.com

CHAIN OF CUSTODY RECORD

5024 - GIWW Across Aransas Bay

Site: 5024

Customer: ANA

GIWW Across Aransas Bay

Anamar Env Consulting, Inc.
2106 NW 67th Place, Ste. 5
Gainesville, FL 32653

#	Sample ID	Collection Point	Date	Time	Sample Type	Container			Preserve	Hold	Requested Analysis & Remarks	NOTES:
						Size	Type	Content				
1	5173-3970	GIC-AB-17-10-S	11/7/12	12:40	GRAB	250mL	Glass, FP-cap	Solid	4°C		CORESED	
2	5173-3971	GIC-AB-17-10-S			GRAB	250mL	Glass, FP-cap	Solid	4°C		CORESED	
3	5173-3972	GIC-AB-17-10-S			GRAB	250mL	Glass, FP-cap	Solid	4°C	14D	TPH S&CM TCEQ 1005	
4	5173-3973	GIC-AB-17-10-S			GRAB	250mL	Glass	Solid	4°C		SCL GS	
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Sampler (Signature) <i>Daton Skuster</i>	Relinquished By (Signature) <i>Daton Skuster</i>	Date: 11/9/17 Time: 830	Received By (Signature) <i>Michael Prescott</i>	Date: 11-9-17 Time: 830	pH Meter Calibration		
Print Name Daton Skuster	Relinquished By (Signature)	Date:	Received By (Signature)	Date:	Time	Slope	Buffers
Affiliation LGI	Relinquished To Laboratory By (Signature) <i>Michael Prescott</i>	Date: 11-9-17 Time: 936	Received For Laboratory By (Signature) <i>Michael Prescott</i>	Date: 11-09-17 Time: 0936			4 7 10
					DO Meter 100% Air Calibration		
					Time	Temp °C	D.O.



**North Water District
Laboratory Services, Inc.**
8725 Fawn Trail - The Woodlands, TX 77385
(936) 321-6060 - fax (936) 321-6061 - lab@nwdls.com

CHAIN OF CUSTODY RECORD

5024 - GIWW Across Aransas Bay

Site: 5024
GIWW Across Aransas Bay

Customer: ANA
Anamar Env Consulting, Inc.
2106 NW 67th Place, Ste. 5
Gainesville, FL 32653

#	Sample ID	Collection Point	Date	Time	Sample Type	Container			Preserve	Hold	Requested Analysis & Remarks	NOTES:
						Size	Type	Content				
1	5173-3978	GIC-AB-17-11-S	4/7/17	12:05	GRAB	250mL	Glass, FP-cap	Solid	4°C		CORESED	
2	5173-3979	GIC-AB-17-11-S	↓	↓	GRAB	250mL	Glass, FP-cap	Solid	4°C		CORESED	
3	5173-3980	GIC-AB-17-11-S	↓	↓	GRAB	250mL	Glass, FP-cap	Solid	4°C	14D	TPH S&CM TCED 1005	
4	5173-3981	GIC-AB-17-11-S	↓	↓	GRAB	250mL	Glass	Solid	4°C		SCL GS	
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Sampler (Signature) 	Relinquished By (Signature) 	Date: 11/9/17 Time: 830	Received By (Signature) 	Date: 11-9-17 Time: 830	pH Meter Calibration Time Slope Buffers 4 7 10
Print Name Dilia S	Relinquished By (Signature) 	Date: Time:	Received By (Signature) 	Date: Time:	
Affiliation L&I	Relinquished To Laboratory By (Signature) 	Date: 11-9-17 Time: 936	Received For Laboratory By (Signature) 	Date: 11-09-17 Time: 0936	DO Meter 100% Air Calibration Time Temp °C D.O.



**North Water District
Laboratory Services, Inc.**

8725 Fawn Trail - The Woodlands, TX 77385
(936) 321-6060 - fax (936) 321-6061 - lab@nwlds.com

CHAIN OF CUSTODY RECORD

5024 - GIWW Across Aransas Bay

Site: 5024
GIWW Across Aransas Bay

Customer: ANA
Anamar Env Consulting, Inc.
2106 NW 67th Place, Ste. 5
Gainesville, FL 32653

#	Sample ID	Collection Point	Date	Time	Sample Type	Container			Preserve	Hold	Requested Analysis & Remarks	NOTES:
						Size	Type	Content				
1	5173-3982	GIC-AB-17-12-S	11/7/12	12:30	GRAB	250mL	Glass, FP-cap	Solid	4°C		CORESED	
2	5173-3983	GIC-AB-17-12-S	↓	↓	GRAB	250mL	Glass, FP-cap	Solid	4°C		CORESED	
3	5173-3984	GIC-AB-17-12-S	↓	↓	GRAB	250mL	Glass, FP-cap	Solid	4°C	14D	TPH S&CM ICEQ 1005	
4	5173-3985	GIC-AB-17-12-S	↓	↓	GRAB	250mL	Glass	Solid	4°C		SCL GS	
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Sampler (Signature) <i>Dika S</i>	Relinquished By (Signature) <i>Dika S</i>	Date: 11/9/12 Time: 830	Received By (Signature) <i>Michael Prescott</i>	Date: 11-9-17 Time: 830	<p>pH Meter Calibration</p> <table border="1"> <tr> <td>Time</td> <td>Slope</td> <td>Buffers</td> </tr> <tr> <td></td> <td></td> <td>4 7 10</td> </tr> </table>	Time	Slope	Buffers			4 7 10
Time	Slope	Buffers									
		4 7 10									
Print Name Dika S	Relinquished By (Signature) <i>Dika S</i>	Date: Time:	Received By (Signature) <i>Michael Prescott</i>	Date: Time:	<p>DO Meter 100% Air Calibration</p> <table border="1"> <tr> <td>Time</td> <td>Temp °C</td> <td>D.O.</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>	Time	Temp °C	D.O.			
Time	Temp °C	D.O.									
Affiliation L&I	Relinquished To Laboratory By (Signature) <i>Michael Prescott</i>	Date: 11-9-17 Time: 936	Received For Laboratory By (Signature) <i>Carl R</i>	Date: 11-09-17 Time: 0936							



**North Water District
Laboratory Services, Inc.**
8725 Fawn Trail - The Woodlands, TX 77385
(936) 321-6060 - fax (936) 321-6061 - lab@nwdls.com

CHAIN OF CUSTODY RECORD

5024 - GIWW Across Aransas Bay

Site: 5024
GIWW Across Aransas Bay

Customer: ANA
Anamar Env Consulting, Inc.
2106 NW 67th Place, Ste. 5
Gainesville, FL 32653

11-18

#	Sample ID	Collection Point	Date	Time	Sample Type	Container			Preserve	Hold	Requested Analysis & Remarks	NOTES:
						Size	Type	Content				
1	5173-3986	GIC-AB-17-13-S	11/17	11:18	GRAB	250mL	Glass, FP-cap	Solid	4°C		CORESED	
2	5173-3987	GIC-AB-17-13-S			GRAB	250mL	Glass, FP-cap	Solid	4°C		CORESED	
3	5173-3988	GIC-AB-17-13-S			GRAB	250mL	Glass, FP-cap	Solid	4°C	14D	TPH S&CM TCEQ 1005	
4	5173-3989	GIC-AB-17-13-S			GRAB	250mL	Glass	Solid	4°C		SCL GS	
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Sampler (Signature) 	Relinquished By (Signature) 	Date: 11/17/17 Time: 830	Received By (Signature) 	Date: 11-9-17 Time: 830	pH Meter Calibration Time Slope Buffers 4 7 10
Print Name Disha Johnson	Relinquished By (Signature) 	Date: Time:	Received By (Signature) 	Date: Time:	DO Meter 100% Air Calibration Time Temp °C D.O.
Affiliation LSI	Relinquished To Laboratory By (Signature) 	Date: 11-9-17 Time: 936	Received For Laboratory By (Signature) 	Date: 11-09-17 Time: 0936	Time Temp °C D.O.



**North Water District
Laboratory Services, Inc.**

8725 Fawn Trail - The Woodlands, TX 77385
(936) 321-6060 - fax (936) 321-6061 - lab@nwdls.com

CHAIN OF CUSTODY RECORD

5024 - GIWW Across Aransas Bay

Site: 5024
GIWW Across Aransas Bay

Customer: ANA
Anamar Env Consulting, Inc.
2106 NW 67th Place, Ste. 5
Gainesville, FL 32653

#	Sample ID	Collection Point	Date	Time	Sample Type	Container			Preserve	Hold	Requested Analysis & Remarks	NOTES:
						Size	Type	Content				
1	5173-3990	GIC-AB-17-14-S	11/9/17	11:09	GRAB	250mL	Glass, FP-cap	Solid	4°C		CORESED	
2	5173-3991	GIC-AB-17-14-S	↓	↓	GRAB	250mL	Glass, FP-cap	Solid	4°C		CORESED	
3	5173-3992	GIC-AB-17-14-S	↓	↓	GRAB	250mL	Glass, FP-cap	Solid	4°C	14D	TPH S&CM TCE0 1605	
4	5173-3993	GIC-AB-17-14-S	↓	↓	GRAB	250mL	Glass	Solid	4°C		SCL GS	
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Sampler (Signature) 	Relinquished By (Signature) 	Date: 11/9/17 Time: 830	Received By (Signature) 	Date: 11-9-17 Time: 830	pH Meter Calibration Time Slope Buffers 4 7 10
Print Name Dillon J	Relinquished By (Signature) 	Date: Time:	Received By (Signature) 	Date: Time:	DO Meter 100% Air Calibration Time Temp °C D.O.
Affiliation Leal	Relinquished To Laboratory By (Signature) 	Date: 11-9-17 Time: 936	Received For Laboratory By (Signature) 	Date: 11-09-17 Time: 0936	



North Water District Laboratory Services, Inc.

8725 Fawn Trail - The Woodlands, TX 77385
(936) 321-6060 - fax (936) 321-6061 - lab@nwdls.com

CHAIN OF CUSTODY RECORD

5024 - GIWW Across Aransas Bay

Site: 5024

GIWW Across Aransas Bay

Customer: ANA

Anamar Env Consulting, Inc.
2106 NW 67th Place, Ste. 5
Gainesville, FL 32653

#	Sample ID	Collection Point	Date	Time	Sample Type	Container			Preserve	Hold	Requested Analysis & Remarks	NOTES:
						Size	Type	Content				
1	5173-3994	GIC-AB-17-15-S	11/9/17	18:45	GRAB	250mL	Glass, FP-cap	Solid	4°C		CORESED	
2	5173-3995	GIC-AB-17-15-S	↓	↓	GRAB	250mL	Glass, FP-cap	Solid	4°C		CORESED	
3	5173-3996	GIC-AB-17-15-S	↓	↓	GRAB	250mL	Glass, FP-cap	Solid	4°C	14D	TPH S&CM TCEO 1005	
4	5173-3997	GIC-AB-17-15-S	↓	↓	GRAB	250mL	Glass	Solid	4°C		SCL GS	
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Sampler (Signature) 	Relinquished By (Signature) 	Date: 11/9/17 Time: 830	Received By (Signature) 	Date: 11-9-17 Time: 830	pH Meter Calibration
Print Name D. Jones	Relinquished By (Signature) 	Date: Time:	Received By (Signature) 	Date: Time:	Time Slope Buffers 4 7 10
Affiliation L&I	Relinquished To Laboratory By (Signature) 	Date: 11-9-17 Time: 936	Received For Laboratory By (Signature) 	Date: 11/9/17 Time: 0936	DO Meter 100% Air Calibration
					Time Temp °C D.O.



**North Water District
Laboratory Services, Inc.**
8725 Fawn Trail - The Woodlands, TX 77385
(936) 321-6060 - fax (936) 321-6061 - lab@nwdls.com

CHAIN OF CUSTODY RECORD

5024 - GIWW Across Aransas Bay

Site: 5024
GIWW Across Aransas Bay

Customer: ANA
Anamar Env Consulting, Inc.
2106 NW 67th Place, Ste. 5
Gainesville, FL 32653

#	Sample ID	Collection Point	Date	Time	Sample Type	Container			Preserve	Hold	Requested Analysis & Remarks	NOTES:
						Size	Type	Content				
1	5173-3998	GIC-AB-17-PA133-S	11/6/17	11:01	GRAB	250mL	Glass, FP-cap	Solid	4°C		CORESED	
2	5173-3999	GIC-AB-17-PA133-S	↓	↓	GRAB	250mL	Glass, FP-cap	Solid	4°C		CORESED	
3	5173-4000	GIC-AB-17-PA133-S	↓	↓	GRAB	250mL	Glass, FP-cap	Solid	4°C	14D	TPH S&CM TCEQ 1005	
4	5173-4001	GIC-AB-17-PA133-S	↓	↓	GRAB	250mL	Glass	Solid	4°C		SCL GS	
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Sampler (Signature) 	Relinquished By (Signature) 	Date: 11/9/17 Time: 830	Received By (Signature) 	Date: 11-9-17 Time: 830	pH Meter Calibration Time Slope Buffers 4 7 10
Print Name Dillon Johnson	Relinquished To Laboratory By (Signature) 	Date: 11-9-17 Time: 936	Received For Laboratory By (Signature) 	Date: 11-09-17 Time: 0936	DO Meter 100% Air Calibration Time Temp °C D.O.
Affiliation LSI					



**North Water District
Laboratory Services, Inc.**
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(936) 321-6060 - fax (936) 321-6061 - lab@nwdls.com

CHAIN OF CUSTODY RECORD

5024 - GIWW Across Aransas Bay

Site: 5024
GIWW Across Aransas Bay

Customer: ANA
Anamar Env Consulting, Inc.
2106 NW 67th Place, Ste. 5
Gainesville, FL 32653

#	Sample ID	Collection Point	Date	Time	Sample Type	Container			Preserve	Hold	Requested Analysis & Remarks	NOTES:
						Size	Type	Content				
1	5173-4003	GIC-AB-17-REF133-S	4/8/17	1825	GRAB	250mL	Glass, FP-cap	Solid	4°C		CORESED	
2	5173-4004	GIC-AB-17-REF133-S	↓	↓	GRAB	250mL	Glass, FP-cap	Solid	4°C		CORESED	
3	5173-4005	GIC-AB-17-REF133-S	↓	↓	GRAB	250mL	Glass, FP-cap	Solid	4°C	14D	TPH S&CM TCE0 1055	
4	5173-4006	GIC-AB-17-REF133-S	↓	↓	GRAB	250mL	Glass	Solid	4°C		SCL GS	
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Sampler (Signature) 	Relinquished By (Signature) 	Date: 11/9/17 Time: 830	Received By (Signature) 	Date: 11-9-17 Time: 830	pH Meter Calibration		
Print Name Diller Schuster	Relinquished By (Signature) 	Date: Time:	Received By (Signature) 	Date: Time:	Time Slope Buffers	4 7 10	
Affiliation LSI	Relinquished To Laboratory By (Signature) 	Date: 11-9-17 Time: 936	Received For Laboratory By (Signature) 	Date: 11-09-17 Time: 0936	DO Meter 100% Air Calibration		
					Time Temp °C D.O.		

TERM AND QUALIFIER DEFINITION



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

General Term Definition

Conc.	Concentration
DF	Dilution Factor - the factor applied to the reported data due to sample preparation, dilution, or moisture content

mg/l	Milligrams per Liter
mg/kg	Milligrams per Kilogram
ppm	Parts per Million
µg/L	Micrograms per Liter
µg/g	Micrograms per Gram
ppb	Parts per Billion
gr/gal	Grains per Gallon
SU	Standard Units
CCU	Cobalt Color Units
NTU	Nephelometric Turbidity Units
µS/cm	Microsiemens per cm at 25C
P/A	Presence/Absence
CFU	Colony Forming Units
MPN	Most Probable Number
RB	Reagent Blank
MB	Method Blank
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LFM	Laboratory Fortified Matrix (MS – Matrix Spike)
LFMD	Laboratory Fortified Matrix Duplicate (MSD – Matrix Spike Duplicate)
DUP	Sample Duplicate
RPD	Relative Percent Difference
%Rec	Percent Recovery
TNTC	Too numerous to count
NC	Not Calculable
SG	Silica Gel - Clean-Up
BRL	Below Reporting Limit
BDL	Below Detection Limit

Qualifier Definition

B	Analyte was found in the associated method blank.
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TERM AND QUALIFIER DEFINITION



8725 Fawn Trail - The Woodlands, TX 77385 - www.NWDLS.com - (936) 321-6060

J1	Estimated value-The reported value failed the established quality control criteria for accuracy and /or precision.
P	Difference between GC column results greater than 40% RPD. Higher result reported.
S	The surrogate recovery was outside the established laboratory recovery limit.
U	Non-detected compound.
MDL	Method Detection Limit – The minimum concentration of a substance (an analyte) that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero. Based on standard deviation of replicate spiked samples taken through all steps of the analytical procedure following 40 CFR Part 136 Appendix B.
SDL	Sample Detection Limit – The minimum concentration of a substance (an analyte) that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero. The SDL is an adjusted limit thus sample specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments. If there are no sample specific parameters, the MDL=SDL.
LOQ	Limit of Quantitation - Analyte concentration that corresponds to the lowest level lab reports with confidence in accuracy of quantitation and without qualification (i.e. J-flagged). The LOQ is at or above the lowest calibration standard.
LRL	Laboratory Reporting Limit – Analyte concentration that corresponds to the lowest level lab reports with confidence in accuracy of quantitation and without qualification (i.e. J-flagged). The LRL is an adjusted limit thus sample specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments. If there are no sample specific parameters, the LOQ=LRL.
TDL	Target Detection Limit – Performance goal set greater than the lowest, technically feasible detection limit for routine analytical methods and less than the available regulatory criteria or guidelines for evaluating dredged material.
J	Estimated value - The reported value is between the detection limit (MDL/SDL) and quantitation limit (LOQ/LRL).

Attachment F
Electronic Data Deliverable (EDD):
Raw Laboratory Results Data

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.01	GIC-AB-17-EQUIP BLK	Cr III-NPW	Trivalent Chromium	0.0046	< 1.50			ug/L	1	1.5	1.5	3	U	12/29/2017 13:35	Mmartin	Calculation	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.01	GIC-AB-17-EQUIP BLK	Cr VI-D-NPW	Chromium, Hexavalent	0	< 1.50			ug/L	1	1.5	1.5	3	U	11/09/2017 12:16	Arazo	SM 3500-Cr B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.01	GIC-AB-17-EQUIP BLK	HG-NPW	Mercury	0.018	< 0.150			ug/L	1	0.15	0.15	0.2	U	11/17/2017 21:39	Shernandez	EPA 245.1	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.01	GIC-AB-17-EQUIP BLK	MET-D-NPW 200.8	Antimony	0.093	< 0.200			ug/L	1	0.2	0.2	1	U	11/21/2017 17:21	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.01	GIC-AB-17-EQUIP BLK	MET-D-NPW 200.8	Arsenic	0.012	< 0.100			ug/L	1	0.1	0.1	0.5	U	11/21/2017 17:21	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.01	GIC-AB-17-EQUIP BLK	MET-D-NPW 200.8	Beryllium	0.018	0.018			ug/L	1	0.01	0.01	0.2	J	11/22/2017 16:58	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.01	GIC-AB-17-EQUIP BLK	MET-D-NPW 200.8	Cadmium	-0.000671	< 0.050			ug/L	1	0.05	0.05	1	U	11/21/2017 17:21	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.01	GIC-AB-17-EQUIP BLK	MET-D-NPW 200.8	Chromium	0.0046	< 0.080			ug/L	1	0.08	0.08	3	U	11/21/2017 17:21	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.01	GIC-AB-17-EQUIP BLK	MET-D-NPW 200.8	Copper	0.276	0.276			ug/L	1	0.2	0.2	1	J	11/21/2017 17:21	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.01	GIC-AB-17-EQUIP BLK	MET-D-NPW 200.8	Lead	0.872	0.872			ug/L	1	0.1	0.1	0.5		11/21/2017 17:21	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.01	GIC-AB-17-EQUIP BLK	MET-D-NPW 200.8	Nickel	0.024	< 0.050			ug/L	1	0.05	0.05	1	U	11/21/2017 17:21	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.01	GIC-AB-17-EQUIP BLK	MET-D-NPW 200.8	Silver	0.000266	< 0.030			ug/L	1	0.03	0.03	0.5	U	11/21/2017 17:21	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.01	GIC-AB-17-EQUIP BLK	MET-D-NPW 200.8	Thallium	0.0014	< 0.030			ug/L	1	0.03	0.03	0.5	U	11/21/2017 17:21	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.01	GIC-AB-17-EQUIP BLK	MET-D-NPW 200.8	Zinc	0.131	< 0.200			ug/L	1	0.2	0.2	2	U	11/21/2017 17:21	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.01	GIC-AB-17-EQUIP BLK	MET-NPW 200.8	Selenium	0.189	< 0.333			ug/L	1	0.333	0.333	2	U	11/21/2017 17:21	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	Cn-NPW-4500	Cyanide, Total	0	< 0.005			mg/L	1	0.005	0.005	0.01	U	11/20/2017 19:25	Arazo	SM 4500-CN C, E	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	Cr III-NPW	Trivalent Chromium	2.56	2.56			ug/L	1	1.5	1.5	3	J	12/29/2017 13:35	Mmartin	Calculation	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	Cr VI-D-NPW	Chromium, Hexavalent	0	< 1.50			ug/L	1	1.5	1.5	3	U	11/09/2017 12:16	Arazo	SM 3500-Cr B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	HG-NPW	Mercury	0.02	< 0.150			ug/L	1	0.15	0.15	0.2	U	11/17/2017 21:56	Shernandez	EPA 245.1	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	MET-D-NPW 200.8	Antimony	1.27	1.27			ug/L	5	0.2	1	5	J	11/21/2017 17:37	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	MET-D-NPW 200.8	Arsenic	4.28	4.28			ug/L	5	0.1	0.5	2.5		11/21/2017 17:37	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	MET-D-NPW 200.8	Beryllium	-0.0123	< 0.050			ug/L	5	0.01	0.05	1	U	11/22/2017 17:14	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	MET-D-NPW 200.8	Cadmium	0.035	< 0.250			ug/L	5	0.05	0.25	5	U	11/21/2017 17:37	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	MET-D-NPW 200.8	Chromium	2.56	2.56			ug/L	5	0.08	0.4	15	J	11/21/2017 17:37	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	MET-D-NPW 200.8	Copper	2.56	2.56			ug/L	5	0.2	1	5	J	11/21/2017 17:37	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	MET-D-NPW 200.8	Lead	1.3	1.3			ug/L	5	0.1	0.5	2.5	J	11/21/2017 17:37	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	MET-D-NPW 200.8	Nickel	2.44	2.44			ug/L	5	0.05	0.25	5	J	11/21/2017 17:37	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	MET-D-NPW 200.8	Silver	0.015	< 0.150			ug/L	5	0.03	0.15	2.5	U	11/21/2017 17:37	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	MET-D-NPW 200.8	Thallium	0.049	< 0.150			ug/L	5	0.03	0.15	2.5	U	11/21/2017 17:37	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	MET-D-NPW 200.8	Zinc	5.1	5.1			ug/L	5	0.2	1	10	J	11/21/2017 17:37	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	MET-NPW 200.8	Selenium	5.06	5.06			ug/L	5	0.333	1.665	10	J	11/21/2017 17:37	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	NH3-N-SEAL	Ammonia as N	0.402	0.402			mg/L	1	0.02	0.02	0.1		12/04/2017 17:07	Arazo	EPA 350.1	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	OCP-NPW-8081	a-Chlordane	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/19/2017 06:59	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	OCP-NPW-8081	γ-Chlordane	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/19/2017 06:59	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	OCP-NPW-8081	4,4-DDD	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/19/2017 06:59	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	OCP-NPW-8081	4,4-DDE	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/19/2017 06:59	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	OCP-NPW-8081	4,4-DDT	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/19/2017 06:59	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	OCP-NPW-8081	Aldrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/19/2017 06:59	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	OCP-NPW-8081	a-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/19/2017 06:59	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	OCP-NPW-8081	b-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/19/2017 06:59	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	OCP-NPW-8081	Chlordane	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/19/2017 06:59	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	OCP-NPW-8081	d-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/19/2017 06:59	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	OCP-NPW-8081	Dieldrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/19/2017 06:59	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	OCP-NPW-8081	Endosulfan I	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/19/2017 06:59	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	OCP-NPW-8081	Endosulfan II	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/19/2017 06:59	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	OCP-NPW-8081	Endosulfan sulfate	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/19/2017 06:59	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	OCP-NPW-8081	Endrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/19/2017 06:59	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	OCP-NPW-8081	Endrin aldehyde	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/19/2017 06:59	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	OCP-NPW-8081	Endrin ketone	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/19/2017 06:59	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	OCP-NPW-8081	g-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/19/2017 06:59	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	OCP-NPW-8081	Heptachlor	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/19/2017 06:59	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	OCP-NPW-8081	Heptachlor epoxide	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/19/2017 06:59	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	OCP-NPW-8081	Toxaphene	0	< 0.150			ug/L	1	0.15	0.15	0.3	U	11/19/2017 06:59	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	PCB-NPW-8082	Total PCBs	0	< 0.006			ug/L	1	0.006	0.006	0.012	U	11/24/2017 08:41	Emiller	SW846 8082A	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	benzo(b&k)fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	1,2,4-Trichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	1,2-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	1,2-Diphenylhydrazine as Azobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	1,3-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	1,4-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	2,4,6-Trichlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	2,4-Dichlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	2,4-Dimethylphenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	2,4-Dinitrophenol	0	< 9.00			ug/L	1	9	9	18	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	2,4-Dinitrotoluene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	2,6-Dinitrotoluene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	2-Chloronaphthalene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	2-Chlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	2-Nitrophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	3,3-Dichlorobenzidine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	4,6-Dinitro-2-methylphenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	4-Bromophenyl phenyl ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	4-Chloro-3-methylphenol	0	< 0.560			ug/L	1	0.56	0.56	4.5	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	4-Chlorophenyl phenyl ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	4-Nitrophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	Acenaphthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	Acenaphthylene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	Anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	Benzdine	0	< 0.142			ug/L	1	0.142	0.142	0.43	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	Benzo(a)anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	Benzo(a)pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	Benzo(g,h,i)perylene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	Bis(2-chloroethoxy) methane	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	Bis(2-chloroethyl) ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	Bis(2-chloroisopropyl) ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	Bis(2-ethylhexyl) phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	Butyl benzyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	Chrysene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	Dibenzo(a,h)anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	Diethyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	Dimethyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	Di-n-butyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	Di-n-octyl Phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	Fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	Fluorene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	Hexachlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	Hexachlorobutadiene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	Hexachlorocyclopentadiene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	Hexachloroethane	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	Indeno(1,2,3-cd)pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	Isophorone	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	Naphthalene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	Nitrobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	n-Nitrosodimethylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	n-nitroso-di-n-propylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	n-Nitrosodiphenylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	Pentachlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	Phenanthrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	Phenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	SVOA-NPW-8270	Pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:59	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	TOC-NPW-415.1	Total Organic Carbon	0.0003713	0.0003713			%	1	0.00005	0.00005	0.0001		11/17/2017 18:21	Arazo	EPA 415.1	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.02	GIC-AB-17-06-W	TPH-NPW-TX1005	TPH, C6-C35	1.05	< 3.22			mg/L	1	3.22	3.22	10	U	11/11/2017 04:32	Emiller	TCEQ 1005	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	Cn-NPW-4500	Cyanide, Total	0	< 0.005			mg/L	1	0.005	0.005	0.01	U	11/20/2017 19:25	Arazo	SM 4500-CN C, E	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	Cr III-NPW	Trivalent Chromium	1.91	1.91			ug/L	1	1.5	1.5	3	J	12/29/2017 13:35	Mmartin	Calculation	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	Cr VI-D-NPW	Chromium, Hexavalent	0	< 1.50			ug/L	1	1.5	1.5	3	U	11/09/2017 12:16	Arazo	SM 3500-Cr B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	HG-NPW	Mercury	0.021	< 0.150			ug/L	1	0.15	0.15	0.2	U	11/17/2017 21:59	Sherandez	EPA 245.1	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	MET-D-NPW 200.8	Antimony	0.636	< 1.000			ug/L	5	0.2	1	5	U	11/21/2017 17:43	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	MET-D-NPW 200.8	Arsenic	4.35	4.35			ug/L	5	0.1	0.5	2.5		11/21/2017 17:43	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	MET-D-NPW 200.8	Beryllium	0.016	< 0.050			ug/L	5	0.01	0.05	1	U	11/22/2017 17:19	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	MET-D-NPW 200.8	Cadmium	0.037	< 0.250			ug/L	5	0.05	0.25	5	U	11/21/2017 17:43	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	MET-D-NPW 200.8	Chromium	1.91	1.91			ug/L	5	0.08	0.4	15	J	11/21/2017 17:43	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	MET-D-NPW 200.8	Copper	2.24	2.24			ug/L	5	0.2	1	5	J	11/21/2017 17:43	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	MET-D-NPW 200.8	Lead	0.96	0.96			ug/L	5	0.1	0.5	2.5	J	11/21/2017 17:43	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	MET-D-NPW 200.8	Nickel	2	2			ug/L	5	0.05	0.25	5	J	11/21/2017 17:43	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	MET-D-NPW 200.8	Silver	0.011	< 0.150			ug/L	5	0.03	0.15	2.5	U	11/21/2017 17:43	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	MET-D-NPW 200.8	Thallium	0.03	< 0.150			ug/L	5	0.03	0.15	2.5	U	11/21/2017 17:43	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	MET-D-NPW 200.8	Zinc	4	4			ug/L	5	0.2	1	10	J	11/21/2017 17:43	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	MET-NPW 200.8	Selenium	3.25	3.25			ug/L	5	0.333	1.665	10	J	11/21/2017 17:43	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	NH3-N-SEAL	Ammonia as N	0.4269	0.4269			mg/L	1	0.02	0.02	0.1		12/04/2017 17:07	Arazo	EPA 350.1	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	OCP-NPW-8081	a-Chlordane	0.0109	0.0109			ug/L	1	0.003	0.003	0.006	P	11/19/2017 07:27	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	OCP-NPW-8081	γ-Chlordane	0.0131	0.0131			ug/L	1	0.003	0.003	0.006	P	11/19/2017 07:27	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	OCP-NPW-8081	4,4-DDD	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/19/2017 07:27	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	OCP-NPW-8081	4,4-DDE	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/19/2017 07:27	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	OCP-NPW-8081	4,4-DDT	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/19/2017 07:27	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	OCP-NPW-8081	Aldrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/19/2017 07:27	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	OCP-NPW-8081	a-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/19/2017 07:27	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	OCP-NPW-8081	b-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/19/2017 07:27	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	OCP-NPW-8081	Chlordane	0.024	0.024			ug/L	1	0.003	0.003	0.006	P	11/19/2017 07:27	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	OCP-NPW-8081	d-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/19/2017 07:27	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	OCP-NPW-8081	Dieldrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/19/2017 07:27	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	OCP-NPW-8081	Endosulfan I	0.0124	0.0124			ug/L	1	0.003	0.003	0.006	P	11/19/2017 07:27	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	OCP-NPW-8081	Endosulfan II	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/19/2017 07:27	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	OCP-NPW-8081	Endosulfan sulfate	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/19/2017 07:27	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	OCP-NPW-8081	Endrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/19/2017 07:27	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	OCP-NPW-8081	Endrin aldehyde	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/19/2017 07:27	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	OCP-NPW-8081	Endrin ketone	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/19/2017 07:27	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	OCP-NPW-8081	g-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/19/2017 07:27	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	OCP-NPW-8081	Heptachlor	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/19/2017 07:27	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	OCP-NPW-8081	Heptachlor epoxide	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/19/2017 07:27	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	OCP-NPW-8081	Toxaphene	0	< 0.150			ug/L	1	0.15	0.15	0.3	U	11/19/2017 07:27	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	PCB-NPW-8082	Total PCBs	0	< 0.006			ug/L	1	0.006	0.006	0.012	U	11/24/2017 08:17	Emiller	SW846 8082A	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	benzo(b&k)fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	1,2,4-Trichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	1,2-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	1,2-Diphenylhydrazine as Azobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	1,3-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	1,4-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	2,4,6-Trichlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	2,4-Dichlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	2,4-Dimethylphenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	2,4-Dinitrophenol	0	< 9.00			ug/L	1	9	9	18	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	2,4-Dinitrotoluene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	2,6-Dinitrotoluene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	2-Chloronaphthalene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	2-Chlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	2-Nitrophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	3,3-Dichlorobenzidine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	4,6-Dinitro-2-methylphenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	4-Bromophenyl phenyl ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	4-Chloro-3-methylphenol	0	< 0.560			ug/L	1	0.56	0.56	4.5	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	4-Chlorophenyl phenyl ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	4-Nitrophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	Acenaphthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	Acenaphthylene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	Anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	Benzidine	0	< 0.142			ug/L	1	0.142	0.142	0.43	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	Benzo(a)anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	Benzo(a)pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	Benzo(g,h,i)perylene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	Bis(2-chloroethoxy) methane	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	Bis(2-chloroethyl) ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	Bis(2-chloroisopropyl) ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	Bis(2-ethylhexyl) phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	Butyl benzyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	Chrysene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	Dibenzo(a,h)anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	Diethyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	Dimethyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	Di-n-butyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	Di-n-octyl Phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	Fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	Fluorene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	Hexachlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	Hexachlorobutadiene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	Hexachlorocyclopentadiene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	Hexachloroethane	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	Indeno(1,2,3-cd)pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	Isophorone	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	Naphthalene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	Nitrobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	n-Nitrosodimethylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	n-nitroso-di-n-propylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	n-Nitrosodiphenylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	Pentachlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	Phenanthrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	Phenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	SVOA-NPW-8270	Pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	11/19/2017 03:13	Jlanham	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	TOC-NPW-415.1	Total Organic Carbon	0.0003388	0.0003388			%	1	0.00005	0.00005	0.0001		11/17/2017 18:21	Arazo	EPA 415.1	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.03	GIC-AB-17-11-W	TPH-NPW-TX1005	TPH, C6-C35	1.05	< 3.22			mg/L	1	3.22	3.22	10	U	11/11/2017 04:04	Emiller	TCEQ 1005	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	Cn-NPW-4500	Cyanide, Total	0	< 0.005			mg/L	1	0.005	0.005	0.01	U	11/20/2017 19:25	Arazo	SM 4500-CN C, E	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	Cr III-NPW	Trivalent Chromium	0.177	< 1.50			ug/L	1	1.5	1.5	3	U	12/29/2017 13:35	Mmartin	Calculation	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	Cr VI-D-NPW	Chromium, Hexavalent	0	< 1.50			ug/L	1	1.5	1.5	3	U	11/15/2017 14:50	Arazo	SM 3500-Cr B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	HG-NPW	Mercury	0.02	< 0.150			ug/L	1	0.15	0.15	0.2	U	11/17/2017 22:03	Shermandez	EPA 245.1	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	MET-D-NPW 200.8	Antimony	0.946	< 1.000			ug/L	5	0.2	1	5	U	11/21/2017 17:48	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	MET-D-NPW 200.8	Arsenic	18.6	18.6			ug/L	5	0.1	0.5	2.5		11/21/2017 17:48	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	MET-D-NPW 200.8	Beryllium	-0.0123	< 0.050			ug/L	5	0.01	0.05	1	U	11/22/2017 17:25	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	MET-D-NPW 200.8	Cadmium	0.0031	< 0.250			ug/L	5	0.05	0.25	5	U	11/21/2017 17:48	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	MET-D-NPW 200.8	Chromium	0.177	< 0.400			ug/L	5	0.08	0.4	15	U	11/21/2017 17:48	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	MET-D-NPW 200.8	Copper	2.24	2.24			ug/L	5	0.2	1	5	J	11/21/2017 17:48	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	MET-D-NPW 200.8	Lead	0.222	< 0.500			ug/L	5	0.1	0.5	2.5	U	11/21/2017 17:48	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	MET-D-NPW 200.8	Nickel	1.57	1.57			ug/L	5	0.05	0.25	5	J	11/21/2017 17:48	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	MET-D-NPW 200.8	Silver	0.0073	< 0.150			ug/L	5	0.03	0.15	2.5	U	11/21/2017 17:48	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	MET-D-NPW 200.8	Thallium	0.0045	< 0.150			ug/L	5	0.03	0.15	2.5	U	11/21/2017 17:48	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	MET-D-NPW 200.8	Zinc	2.08	2.08			ug/L	5	0.2	1	10	J	11/21/2017 17:48	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	MET-NPW 200.8	Selenium	3.95	3.95			ug/L	5	0.333	1.665	10	J	11/21/2017 17:48	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	NH3-N-SEAL	Ammonia as N	4.9848	4.9848			mg/L	1	0.02	0.02	0.1		12/04/2017 17:07	Arazo	EPA 350.1	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	OCP-NPW-8081	a-Chlordane	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:07	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	OCP-NPW-8081	γ-Chlordane	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:07	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	OCP-NPW-8081	4,4-DDD	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/22/2017 09:07	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	OCP-NPW-8081	4,4-DDE	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/22/2017 09:07	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	OCP-NPW-8081	4,4-DDT	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/22/2017 09:07	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	OCP-NPW-8081	Aldrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:07	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	OCP-NPW-8081	a-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:07	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	OCP-NPW-8081	b-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:07	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	OCP-NPW-8081	Chlordane	0.0128	0.0128			ug/L	1	0.003	0.003	0.006		11/22/2017 09:07	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	OCP-NPW-8081	d-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:07	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	OCP-NPW-8081	Dieldrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:07	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	OCP-NPW-8081	Endosulfan I	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:07	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	OCP-NPW-8081	Endosulfan II	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:07	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	OCP-NPW-8081	Endosulfan sulfate	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:07	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	OCP-NPW-8081	Endrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:07	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	OCP-NPW-8081	Endrin aldehyde	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:07	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	OCP-NPW-8081	Endrin ketone	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:07	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	OCP-NPW-8081	g-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:07	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	OCP-NPW-8081	Heptachlor	0.0128	0.0128			ug/L	1	0.003	0.003	0.006		11/22/2017 09:07	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	OCP-NPW-8081	Heptachlor epoxide	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:07	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	OCP-NPW-8081	Toxaphene	0	< 0.150			ug/L	1	0.15	0.15	0.3	U	11/22/2017 09:07	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	benzo(b&k)fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	1,2,4-Trichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	1,2-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	1,2-Diphenylhydrazine as Azobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	1,3-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	1,4-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	2,4,6-Trichlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	2,4-Dichlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	2,4-Dimethylphenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	2,4-Dinitrophenol	0	< 9.00			ug/L	1	9	9	18	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	2,4-Dinitrotoluene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	2,6-Dinitrotoluene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	2-Chloronaphthalene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	2-Chlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	2-Nitrophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	3,3-Dichlorobenzidine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	4,6-Dinitro-2-methylphenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	4-Bromophenyl phenyl ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	4-Chloro-3-methylphenol	0	< 0.560			ug/L	1	0.56	0.56	4.5	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	4-Chlorophenyl phenyl ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	4-Nitrophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	Acenaphthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	Acenaphthylene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	Anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	Benzidine	0	< 0.142			ug/L	1	0.142	0.142	0.43	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	Benzo(a)anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	Benzo(a)pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	Benzo(b)fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	Benzo(g,h,i)perylene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	Benzo(k)fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	Bis(2-chloroethoxy) methane	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	Bis(2-chloroethyl) ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	Bis(2-chloroisopropyl) ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	Bis(2-ethylhexyl) phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	Butyl benzyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	Chrysene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	Dibenzo(a,h)anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	Diethyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	Dimethyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	Di-n-butyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	Di-n-octyl Phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	Fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	Fluorene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	Hexachlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	Hexachlorobutadiene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	Hexachlorocyclopentadiene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	Hexachloroethane	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	Indeno(1,2,3-cd)pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	Isophorone	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	Naphthalene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	Nitrobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	n-Nitrosodimethylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	n-nitroso-di-n-propylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	n-Nitrosodiphenylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	Pentachlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	Phenanthrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	Phenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	SVOA-NPW-8270	Pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 07:37	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	TOC-NPW-415.1	Total Organic Carbon	0.000557	0.000557			%	1	0.00005	0.00005	0.0001		11/17/2017 18:21	Arazo	EPA 415.1	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.04	GIC-AB-17-02-E	TPH-NPW-TX1005	TPH, C6-C35	0.51	< 3.22			mg/L	1	3.22	3.22	10	U	11/30/2017 17:26	Emiller	TCEQ 1005	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	Cn-NPW-4500	Cyanide, Total	0	< 0.005			mg/L	1	0.005	0.005	0.01	U	11/20/2017 19:25	Arazo	SM 4500-CN C, E	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	Cr III-NPW	Trivalent Chromium	0.242	< 1.50			ug/L	1	1.5	1.5	3	U	12/29/2017 13:35	Mmartin	Calculation	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	Cr VI-D-NPW	Chromium, Hexavalent	0	< 1.50			ug/L	1	1.5	1.5	3	U	11/15/2017 14:50	Arazo	SM 3500-Cr B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	HG-NPW	Mercury	0.021	< 0.150			ug/L	1	0.15	0.15	0.2	U	11/17/2017 22:06	Sherandez	EPA 245.1	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	MET-D-NPW 200.8	Antimony	1.52	1.52			ug/L	5	0.2	1	5	J	11/21/2017 18:16	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	MET-D-NPW 200.8	Arsenic	18.2	18.2			ug/L	5	0.1	0.5	2.5		11/21/2017 18:16	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	MET-D-NPW 200.8	Beryllium	0.0016	< 0.050			ug/L	5	0.01	0.05	1	U	11/22/2017 17:30	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	MET-D-NPW 200.8	Cadmium	0.019	< 0.250			ug/L	5	0.05	0.25	5	U	11/21/2017 18:16	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	MET-D-NPW 200.8	Chromium	0.242	< 0.400			ug/L	5	0.08	0.4	15	U	11/21/2017 18:16	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	MET-D-NPW 200.8	Copper	2.77	2.77			ug/L	5	0.2	1	5	J	11/21/2017 18:16	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	MET-D-NPW 200.8	Lead	0.341	< 0.500			ug/L	5	0.1	0.5	2.5	U	11/21/2017 18:16	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	MET-D-NPW 200.8	Nickel	1.33	1.33			ug/L	5	0.05	0.25	5	J	11/21/2017 18:16	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	MET-D-NPW 200.8	Silver	0.004	< 0.150			ug/L	5	0.03	0.15	2.5	U	11/21/2017 18:16	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	MET-D-NPW 200.8	Thallium	0.0074	< 0.150			ug/L	5	0.03	0.15	2.5	U	11/21/2017 18:16	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	MET-D-NPW 200.8	Zinc	2.54	2.54			ug/L	5	0.2	1	10	J	11/21/2017 18:16	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	MET-NPW 200.8	Selenium	4.31	4.31			ug/L	5	0.333	1.665	10	J	11/21/2017 18:16	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	NH3-N-SEAL	Ammonia as N	4.1021	4.1021			mg/L	1	0.02	0.02	0.1		12/04/2017 17:07	Arazo	EPA 350.1	Water	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	OCP-NPW-8081	a-Chlordane	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:31	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	OCP-NPW-8081	γ-Chlordane	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:31	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	OCP-NPW-8081	4,4-DDD	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/22/2017 09:31	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	OCP-NPW-8081	4,4-DDE	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/22/2017 09:31	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	OCP-NPW-8081	4,4-DDT	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/22/2017 09:31	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	OCP-NPW-8081	Aldrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:31	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	OCP-NPW-8081	a-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:31	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	OCP-NPW-8081	b-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:31	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	OCP-NPW-8081	Chlordane	0.0092	0.0092			ug/L	1	0.003	0.003	0.006	P	11/22/2017 09:31	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	OCP-NPW-8081	d-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:31	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	OCP-NPW-8081	Dieldrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:31	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	OCP-NPW-8081	Endosulfan I	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:31	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	OCP-NPW-8081	Endosulfan II	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:31	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	OCP-NPW-8081	Endosulfan sulfate	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:31	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	OCP-NPW-8081	Endrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:31	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	OCP-NPW-8081	Endrin aldehyde	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:31	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	OCP-NPW-8081	Endrin ketone	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:31	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	OCP-NPW-8081	g-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:31	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	OCP-NPW-8081	Heptachlor	0.0092	0.0092			ug/L	1	0.003	0.003	0.006	P	11/22/2017 09:31	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	OCP-NPW-8081	Heptachlor epoxide	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:31	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	OCP-NPW-8081	Toxaphene	0	< 0.150			ug/L	1	0.15	0.15	0.3	U	11/22/2017 09:31	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	PCB-NPW-8082	Total PCBs	0	< 0.006			ug/L	1	0.006	0.006	0.012	U	11/23/2017 10:03	Sotruba	SW846 8082A	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	benzo(b&k)fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	1,2,4-Trichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	1,2-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	1,2-Diphenylhydrazine as Azobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	1,3-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	1,4-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	2,4,6-Trichlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	2,4-Dichlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	2,4-Dimethylphenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	2,4-Dinitrophenol	0	< 9.00			ug/L	1	9	9	18	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	2,4-Dinitrotoluene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	2,6-Dinitrotoluene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	2-Chloronaphthalene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	2-Chlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	2-Nitrophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	3,3-Dichlorobenzidine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	4,6-Dinitro-2-methylphenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	4-Bromophenyl phenyl ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	4-Chloro-3-methylphenol	0	< 0.560			ug/L	1	0.56	0.56	4.5	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	4-Chlorophenyl phenyl ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	4-Nitrophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	Acenaphthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	Acenaphthylene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	Anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	Benzidine	0	< 0.142			ug/L	1	0.142	0.142	0.43	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	Benzo(a)anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	Benzo(a)pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	Benzo(b)fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	Benzo(g,h,i)perylene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	Benzo(k)fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	Bis(2-chloroethoxy) methane	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	Bis(2-chloroethyl) ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	Bis(2-chloroisopropyl) ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	Bis(2-ethylhexyl) phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	Butyl benzyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	Chrysene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	Dibenzo(a,h)anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	Diethyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	Dimethyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	Di-n-butyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	Di-n-octyl Phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	Fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	Fluorene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	Hexachlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	Hexachlorobutadiene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	Hexachlorocyclopentadiene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	Hexachloroethane	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	Indeno(1,2,3-cd)pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	Isophorone	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	Naphthalene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	Nitrobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	n-Nitrosodimethylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	n-nitroso-di-n-propylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	n-Nitrosodiphenylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	Pentachlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	Phenanthrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	Phenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	SVOA-NPW-8270	Pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:14	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	TOC-NPW-415.1	Total Organic Carbon	0.0005113	0.0005113			%	1	0.00005	0.00005	0.0001		11/17/2017 18:21	Arazo	EPA 415.1	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.05	GIC-AB-17-03-E	TPH-NPW-TX1005	TPH, C6-C35	0.45	< 3.22			mg/L	1	3.22	3.22	10	U	11/30/2017 17:50	Emiller	TCEQ 1005	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	Cn-NPW-4500	Cyanide, Total	0	< 0.005			mg/L	1	0.005	0.005	0.01	U	11/20/2017 19:25	Arazo	SM 4500-CN C, E	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	Cr III-NPW	Trivalent Chromium	0.24	< 1.50			ug/L	1	1.5	1.5	3	U	12/29/2017 13:35	Mmartin	Calculation	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	Cr VI-D-NPW	Chromium, Hexavalent	0	< 1.50			ug/L	1	1.5	1.5	3	U	11/15/2017 14:50	Arazo	SM 3500-Cr B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	HG-NPW	Mercury	0.02	< 0.150			ug/L	1	0.15	0.15	0.2	U	11/17/2017 22:10	Sherandez	EPA 245.1	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	MET-D-NPW 200.8	Antimony	1.3	1.3			ug/L	5	0.2	1	5	J	11/21/2017 18:21	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	MET-D-NPW 200.8	Arsenic	16.7	16.7			ug/L	5	0.1	0.5	2.5		11/21/2017 18:21	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	MET-D-NPW 200.8	Beryllium	0.086	0.086			ug/L	5	0.01	0.05	1	J	11/22/2017 17:51	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	MET-D-NPW 200.8	Cadmium	0.0081	< 0.250			ug/L	5	0.05	0.25	5	U	11/21/2017 18:21	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	MET-D-NPW 200.8	Chromium	0.24	< 0.400			ug/L	5	0.08	0.4	15	U	11/21/2017 18:21	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	MET-D-NPW 200.8	Copper	1.41	1.41			ug/L	5	0.2	1	5	J	11/21/2017 18:21	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	MET-D-NPW 200.8	Lead	0.131	< 0.500			ug/L	5	0.1	0.5	2.5	U	11/21/2017 18:21	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	MET-D-NPW 200.8	Nickel	1.32	1.32			ug/L	5	0.05	0.25	5	J	11/21/2017 18:21	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	MET-D-NPW 200.8	Silver	0.0058	< 0.150			ug/L	5	0.03	0.15	2.5	U	11/21/2017 18:21	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	MET-D-NPW 200.8	Thallium	0.0059	< 0.150			ug/L	5	0.03	0.15	2.5	U	11/21/2017 18:21	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	MET-D-NPW 200.8	Zinc	1.09	1.09			ug/L	5	0.2	1	10	J	11/21/2017 18:21	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	MET-NPW 200.8	Selenium	4.52	4.52			ug/L	5	0.333	1.665	10	J	11/21/2017 18:21	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	NH3-N-SEAL	Ammonia as N	3.7207	3.7207			mg/L	1	0.02	0.02	0.1		12/04/2017 17:07	Arazo	EPA 350.1	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	OCP-NPW-8081	a-Chlordane	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:55	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	OCP-NPW-8081	γ-Chlordane	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:55	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	OCP-NPW-8081	4,4-DDD	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/22/2017 09:55	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	OCP-NPW-8081	4,4-DDE	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/22/2017 09:55	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	OCP-NPW-8081	4,4-DDT	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/22/2017 09:55	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	OCP-NPW-8081	Aldrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:55	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	OCP-NPW-8081	a-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:55	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	OCP-NPW-8081	b-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:55	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	OCP-NPW-8081	Chlordane	0.013	0.013			ug/L	1	0.003	0.003	0.006		11/22/2017 09:55	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	OCP-NPW-8081	d-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:55	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	OCP-NPW-8081	Dieldrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:55	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	OCP-NPW-8081	Endosulfan I	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:55	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	OCP-NPW-8081	Endosulfan II	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:55	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	OCP-NPW-8081	Endosulfan sulfate	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:55	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	OCP-NPW-8081	Endrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:55	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	OCP-NPW-8081	Endrin aldehyde	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:55	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	OCP-NPW-8081	Endrin ketone	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:55	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	OCP-NPW-8081	g-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:55	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	OCP-NPW-8081	Heptachlor	0.013	0.013			ug/L	1	0.003	0.003	0.006		11/22/2017 09:55	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	OCP-NPW-8081	Heptachlor epoxide	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 09:55	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	OCP-NPW-8081	Toxaphene	0	< 0.150			ug/L	1	0.15	0.15	0.3	U	11/22/2017 09:55	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	PCB-NPW-8082	Total PCBs	0	< 0.006			ug/L	1	0.006	0.006	0.012	U	11/23/2017 10:26	Sotruba	SW846 8082A	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	benzo(b&k)fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	1,2,4-Trichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	1,2-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	1,2-Diphenylhydrazine as Azobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	1,3-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	1,4-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	2,4,6-Trichlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	2,4-Dichlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	2,4-Dimethylphenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	2,4-Dinitrophenol	0	< 9.00			ug/L	1	9	9	18	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	2,4-Dinitrotoluene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	2,6-Dinitrotoluene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	2-Chloronaphthalene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	2-Chlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	2-Nitrophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	3,3-Dichlorobenzidine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	4,6-Dinitro-2-methylphenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	4-Bromophenyl phenyl ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	4-Chloro-3-methylphenol	0	< 0.560			ug/L	1	0.56	0.56	4.5	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	4-Chlorophenyl phenyl ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	4-Nitrophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	Acenaphthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	Acenaphthylene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	Anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	Benzdine	0	< 0.142			ug/L	1	0.142	0.142	0.43	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	Benzo(a)anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	Benzo(a)pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	Benzo(b)fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	Benzo(g,h,i)perylene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	Benzo(k)fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	Bis(2-chloroethoxy) methane	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	Bis(2-chloroethyl) ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	Bis(2-chloroisopropyl) ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	Bis(2-ethylhexyl) phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	Butyl benzyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	Chrysene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	Dibenzo(a,h)anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	Diethyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	Dimethyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	Di-n-butyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	Di-n-octyl Phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	Fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	Fluorene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	Hexachlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	Hexachlorobutadiene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	Hexachlorocyclopentadiene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	Hexachloroethane	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	Indeno(1,2,3-cd)pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	Isophorone	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	Naphthalene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	Nitrobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	n-Nitrosodimethylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	n-nitroso-di-n-propylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	n-Nitrosodiphenylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	Pentachlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	Phenanthrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	Phenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	SVOA-NPW-8270	Pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 08:50	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	TOC-NPW-415.1	Total Organic Carbon	0.0005303	0.0005303			%	1	0.00005	0.00005	0.0001		11/17/2017 18:21	Arazo	EPA 415.1	Water	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.06	GIC-AB-17-04-E	TPH-NPW-TX1005	TPH, C6-C35	0.46	< 3.22			mg/L	1	3.22	3.22	10	U	11/30/2017 18:14	Emiller	TCEQ 1005	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	Cn-NPW-4500	Cyanide, Total	0	< 0.005			mg/L	1	0.005	0.005	0.01	U	11/20/2017 19:25	Arazo	SM 4500-CN C, E	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	Cr III-NPW	Trivalent Chromium	0.198	< 1.50			ug/L	1	1.5	1.5	3	U	12/29/2017 13:35	Mmartin	Calculation	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	Cr VI-D-NPW	Chromium, Hexavalent	0	< 1.50			ug/L	1	1.5	1.5	3	U	11/15/2017 14:50	Arazo	SM 3500-Cr B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	HG-NPW	Mercury	0.019	< 0.150			ug/L	1	0.15	0.15	0.2	U	11/17/2017 22:13	Sherandez	EPA 245.1	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	MET-D-NPW 200.8	Antimony	0.96	< 1.000			ug/L	5	0.2	1	5	U	11/21/2017 18:26	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	MET-D-NPW 200.8	Arsenic	11.6	11.6			ug/L	5	0.1	0.5	2.5		11/21/2017 18:26	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	MET-D-NPW 200.8	Beryllium	-0.0123	< 0.050			ug/L	5	0.01	0.05	1	U	11/22/2017 17:57	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	MET-D-NPW 200.8	Cadmium	0.012	< 0.250			ug/L	5	0.05	0.25	5	U	11/21/2017 18:26	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	MET-D-NPW 200.8	Chromium	0.198	< 0.400			ug/L	5	0.08	0.4	15	U	11/21/2017 18:26	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	MET-D-NPW 200.8	Copper	1.55	1.55			ug/L	5	0.2	1	5	J	11/21/2017 18:26	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	MET-D-NPW 200.8	Lead	0.662	0.662			ug/L	5	0.1	0.5	2.5	J	11/21/2017 18:26	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	MET-D-NPW 200.8	Nickel	1.29	1.29			ug/L	5	0.05	0.25	5	J	11/21/2017 18:26	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	MET-D-NPW 200.8	Silver	0.0033	< 0.150			ug/L	5	0.03	0.15	2.5	U	11/21/2017 18:26	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	MET-D-NPW 200.8	Thallium	0.0035	< 0.150			ug/L	5	0.03	0.15	2.5	U	11/21/2017 18:26	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	MET-D-NPW 200.8	Zinc	1.23	1.23			ug/L	5	0.2	1	10	J	11/21/2017 18:26	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	MET-NPW 200.8	Selenium	4.79	4.79			ug/L	5	0.333	1.665	10	J	11/21/2017 18:26	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	NH3-N-SEAL	Ammonia as N	3.5775	3.5775			mg/L	1	0.02	0.02	0.1		12/04/2017 17:07	Arazo	EPA 350.1	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	OCP-NPW-8081	a-Chlordane	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:05	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	OCP-NPW-8081	γ-Chlordane	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:05	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	OCP-NPW-8081	4,4-DDD	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/22/2017 11:05	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	OCP-NPW-8081	4,4-DDE	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/22/2017 11:05	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	OCP-NPW-8081	4,4-DDT	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/22/2017 11:05	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	OCP-NPW-8081	Aldrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:05	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	OCP-NPW-8081	a-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:05	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	OCP-NPW-8081	b-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:05	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	OCP-NPW-8081	Chlordane	0.0134	0.0134			ug/L	1	0.003	0.003	0.006		11/22/2017 11:05	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	OCP-NPW-8081	d-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:05	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	OCP-NPW-8081	Dieldrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:05	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	OCP-NPW-8081	Endosulfan I	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:05	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	OCP-NPW-8081	Endosulfan II	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:05	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	OCP-NPW-8081	Endosulfan sulfate	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:05	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	OCP-NPW-8081	Endrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:05	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	OCP-NPW-8081	Endrin aldehyde	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:05	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	OCP-NPW-8081	Endrin ketone	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:05	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	OCP-NPW-8081	g-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:05	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	OCP-NPW-8081	Heptachlor	0.0134	0.0134			ug/L	1	0.003	0.003	0.006		11/22/2017 11:05	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	OCP-NPW-8081	Heptachlor epoxide	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:05	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	OCP-NPW-8081	Toxaphene	0	< 0.150			ug/L	1	0.15	0.15	0.3	U	11/22/2017 11:05	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	PCB-NPW-8082	Total PCBs	0	< 0.006			ug/L	1	0.006	0.006	0.012	U	11/23/2017 10:49	Sotruba	SW846 8082A	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	benzo(b&k)fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	1,2,4-Trichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	1,2-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	1,2-Diphenylhydrazine as Azobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	1,3-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	1,4-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	2,4,6-Trichlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	2,4-Dichlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	2,4-Dimethylphenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	2,4-Dinitrophenol	0	< 9.00			ug/L	1	9	9	18	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	2,4-Dinitrotoluene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	2,6-Dinitrotoluene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	2-Chloronaphthalene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	2-Chlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	2-Nitrophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	3,3-Dichlorobenzidine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	4,6-Dinitro-2-methylphenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	4-Bromophenyl phenyl ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	4-Chloro-3-methylphenol	0	< 0.560			ug/L	1	0.56	0.56	4.5	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	4-Chlorophenyl phenyl ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	4-Nitrophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	Acenaphthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	Acenaphthylene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	Anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	Benzdine	0	< 0.142			ug/L	1	0.142	0.142	0.43	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	Benzo(a)anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	Benzo(a)pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	Benzo(b)fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	Benzo(g,h,i)perylene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	Benzo(k)fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	Bis(2-chloroethoxy) methane	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	Bis(2-chloroethyl) ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	Bis(2-chloroisopropyl) ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	Bis(2-ethylhexyl) phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	Butyl benzyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	Chrysene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	Dibenzo(a,h)anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	Diethyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	Dimethyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	Di-n-butyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	Di-n-octyl Phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	Fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	Fluorene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	Hexachlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	Hexachlorobutadiene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	Hexachlorocyclopentadiene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	Hexachloroethane	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	Indeno(1,2,3-cd)pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	Isophorone	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	Naphthalene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	Nitrobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	n-Nitrosodimethylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	n-nitroso-di-n-propylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	n-Nitrosodiphenylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	Pentachlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	Phenanthrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	Phenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	SVOA-NPW-8270	Pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 09:27	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	TOC-NPW-415.1	Total Organic Carbon	0.0005429	0.0005429			%	1	0.00005	0.00005	0.0001		11/17/2017 18:21	Arazo	EPA 415.1	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.07	GIC-AB-17-05-E	TPH-NPW-TX1005	TPH, C6-C35	0.59	< 3.22			mg/L	1	3.22	3.22	10	U	11/30/2017 18:38	Emiller	TCEQ 1005	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	Cn-NPW-4500	Cyanide, Total	0	< 0.005			mg/L	1	0.005	0.005	0.01	U	11/20/2017 19:25	Arazo	SM 4500-CN C, E	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	Cr III-NPW	Trivalent Chromium	0.154	< 1.50			ug/L	1	1.5	1.5	3	U	12/29/2017 13:35	Mmartin	Calculation	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	Cr VI-D-NPW	Chromium, Hexavalent	0	< 1.50			ug/L	1	1.5	1.5	3	U	11/15/2017 14:50	Arazo	SM 3500-Cr B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	HG-NPW	Mercury	0.018	< 0.150			ug/L	1	0.15	0.15	0.2	U	11/17/2017 22:16	Sherandez	EPA 245.1	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	MET-D-NPW 200.8	Antimony	0.868	< 1.000			ug/L	5	0.2	1	5	U	11/21/2017 18:32	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	MET-D-NPW 200.8	Arsenic	12.8	12.8			ug/L	5	0.1	0.5	2.5		11/21/2017 18:32	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	MET-D-NPW 200.8	Beryllium	-0.0123	< 0.050			ug/L	5	0.01	0.05	1	U	11/22/2017 18:02	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	MET-D-NPW 200.8	Cadmium	0.0024	< 0.250			ug/L	5	0.05	0.25	5	U	11/21/2017 18:32	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	MET-D-NPW 200.8	Chromium	0.154	< 0.400			ug/L	5	0.08	0.4	15	U	11/21/2017 18:32	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	MET-D-NPW 200.8	Copper	1.13	1.13			ug/L	5	0.2	1	5	J	11/21/2017 18:32	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	MET-D-NPW 200.8	Lead	0.328	< 0.500			ug/L	5	0.1	0.5	2.5	U	11/21/2017 18:32	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	MET-D-NPW 200.8	Nickel	1.2	1.2			ug/L	5	0.05	0.25	5	J	11/21/2017 18:32	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	MET-D-NPW 200.8	Silver	0.0046	< 0.150			ug/L	5	0.03	0.15	2.5	U	11/21/2017 18:32	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	MET-D-NPW 200.8	Thallium	0.003	< 0.150			ug/L	5	0.03	0.15	2.5	U	11/21/2017 18:32	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	MET-D-NPW 200.8	Zinc	1.13	1.13			ug/L	5	0.2	1	10	J	11/21/2017 18:32	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	MET-NPW 200.8	Selenium	3.47	3.47			ug/L	5	0.333	1.665	10	J	11/21/2017 18:32	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	NH3-N-SEAL	Ammonia as N	3.6755	3.6755			mg/L	1	0.02	0.02	0.1		12/04/2017 17:07	Arazo	EPA 350.1	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	OCP-NPW-8081	a-Chlordane	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:29	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	OCP-NPW-8081	γ-Chlordane	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:29	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	OCP-NPW-8081	4,4-DDD	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/22/2017 11:29	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	OCP-NPW-8081	4,4-DDE	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/22/2017 11:29	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	OCP-NPW-8081	4,4-DDT	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/22/2017 11:29	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	OCP-NPW-8081	Aldrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:29	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	OCP-NPW-8081	a-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:29	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	OCP-NPW-8081	b-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:29	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	OCP-NPW-8081	Chlordane	0.014	0.014			ug/L	1	0.003	0.003	0.006		11/22/2017 11:29	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	OCP-NPW-8081	d-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:29	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	OCP-NPW-8081	Dieldrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:29	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	OCP-NPW-8081	Endosulfan I	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:29	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	OCP-NPW-8081	Endosulfan II	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:29	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	OCP-NPW-8081	Endosulfan sulfate	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:29	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	OCP-NPW-8081	Endrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:29	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	OCP-NPW-8081	Endrin aldehyde	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:29	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	OCP-NPW-8081	Endrin ketone	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:29	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	OCP-NPW-8081	g-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:29	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	OCP-NPW-8081	Heptachlor	0.014	0.014			ug/L	1	0.003	0.003	0.006		11/22/2017 11:29	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	OCP-NPW-8081	Heptachlor epoxide	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:29	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	OCP-NPW-8081	Toxaphene	0	< 0.150			ug/L	1	0.15	0.15	0.3	U	11/22/2017 11:29	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	PCB-NPW-8082	Total PCBs	0	< 0.006			ug/L	1	0.006	0.006	0.012	U	11/23/2017 11:12	Sotruba	SW846 8082A	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	benzo(b&k)fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	1,2,4-Trichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	1,2-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	1,2-Diphenylhydrazine as Azobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	1,3-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	1,4-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	2,4,6-Trichlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	2,4-Dichlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	2,4-Dimethylphenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	2,4-Dinitrophenol	0	< 9.00			ug/L	1	9	9	18	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	2,4-Dinitrotoluene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	2,6-Dinitrotoluene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	2-Chloronaphthalene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	2-Chlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	2-Nitrophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	3,3-Dichlorobenzidine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	4,6-Dinitro-2-methylphenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	4-Bromophenyl phenyl ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	4-Chloro-3-methylphenol	0	< 0.560			ug/L	1	0.56	0.56	4.5	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	4-Chlorophenyl phenyl ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	4-Nitrophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	Acenaphthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	Acenaphthylene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	Anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	Benzidine	0	< 0.142			ug/L	1	0.142	0.142	0.43	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	Benzo(a)anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	Benzo(a)pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	Benzo(b)fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	Benzo(g,h,i)perylene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	Benzo(k)fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	Bis(2-chloroethoxy) methane	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	Bis(2-chloroethyl) ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	Bis(2-chloroisopropyl) ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	Bis(2-ethylhexyl) phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	Butyl benzyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	Chrysene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	Dibenzo(a,h)anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	Diethyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	Dimethyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	Di-n-butyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	Di-n-octyl Phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	Fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	Fluorene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	Hexachlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	Hexachlorobutadiene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	Hexachlorocyclopentadiene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	Hexachloroethane	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	Indeno(1,2,3-cd)pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	Isophorone	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	Naphthalene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	Nitrobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	n-Nitrosodimethylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	n-nitroso-di-n-propylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	n-Nitrosodiphenylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	Pentachlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	Phenanthrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	Phenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	SVOA-NPW-8270	Pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:03	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	TOC-NPW-415.1	Total Organic Carbon	0.0005508	0.0005508			%	1	0.00005	0.00005	0.0001		11/17/2017 18:21	Arazo	EPA 415.1	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.08	GIC-AB-17-06-E	TPH-NPW-TX1005	TPH, C6-C35	0.53	< 3.22			mg/L	1	3.22	3.22	10	U	11/30/2017 19:02	Emiller	TCEQ 1005	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	Cn-NPW-4500	Cyanide, Total	0	< 0.005			mg/L	1	0.005	0.005	0.01	U	11/20/2017 19:25	Arazo	SM 4500-CN C, E	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	Cr III-NPW	Trivalent Chromium	0.161	< 1.50			ug/L	1	1.5	1.5	3	U	12/29/2017 13:35	Mmartin	Calculation	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	Cr VI-D-NPW	Chromium, Hexavalent	0	< 1.50			ug/L	1	1.5	1.5	3	U	11/15/2017 14:50	Arazo	SM 3500-Cr B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	HG-NPW	Mercury	0.019	< 0.150			ug/L	1	0.15	0.15	0.2	U	11/17/2017 22:20	Shernandez	EPA 245.1	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	MET-D-NPW 200.8	Antimony	0.805	< 1.000			ug/L	5	0.2	1	5	U	11/21/2017 18:37	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	MET-D-NPW 200.8	Arsenic	12.6	12.6			ug/L	5	0.1	0.5	2.5		11/21/2017 18:37	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	MET-D-NPW 200.8	Beryllium	-0.0123	< 0.050			ug/L	5	0.01	0.05	1	U	11/22/2017 18:07	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	MET-D-NPW 200.8	Cadmium	0.0012	< 0.250			ug/L	5	0.05	0.25	5	U	11/21/2017 18:37	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	MET-D-NPW 200.8	Chromium	0.161	< 0.400			ug/L	5	0.08	0.4	15	U	11/21/2017 18:37	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	MET-D-NPW 200.8	Copper	0.92	< 1.000			ug/L	5	0.2	1	5	U	11/21/2017 18:37	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	MET-D-NPW 200.8	Lead	0.44	< 0.500			ug/L	5	0.1	0.5	2.5	U	11/21/2017 18:37	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	MET-D-NPW 200.8	Nickel	1.24	1.24			ug/L	5	0.05	0.25	5	J	11/21/2017 18:37	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	MET-D-NPW 200.8	Silver	0.01	< 0.150			ug/L	5	0.03	0.15	2.5	U	11/21/2017 18:37	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	MET-D-NPW 200.8	Thallium	0.0026	< 0.150			ug/L	5	0.03	0.15	2.5	U	11/21/2017 18:37	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	MET-D-NPW 200.8	Zinc	1.88	1.88			ug/L	5	0.2	1	10	J	11/21/2017 18:37	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	MET-NPW 200.8	Selenium	3.04	3.04			ug/L	5	0.333	1.665	10	J	11/21/2017 18:37	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	NH3-N-SEAL	Ammonia as N	3.8556	3.8556			mg/L	1	0.02	0.02	0.1		12/04/2017 17:07	Arazo	EPA 350.1	Water	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	OCP-NPW-8081	a-Chlordane	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:52	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	OCP-NPW-8081	γ-Chlordane	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:52	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	OCP-NPW-8081	4,4-DDD	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/22/2017 11:52	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	OCP-NPW-8081	4,4-DDE	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/22/2017 11:52	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	OCP-NPW-8081	4,4-DDT	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/22/2017 11:52	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	OCP-NPW-8081	Aldrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:52	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	OCP-NPW-8081	a-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:52	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	OCP-NPW-8081	b-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:52	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	OCP-NPW-8081	Chlordane	0.0151	0.0151			ug/L	1	0.003	0.003	0.006		11/22/2017 11:52	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	OCP-NPW-8081	d-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:52	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	OCP-NPW-8081	Dieldrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:52	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	OCP-NPW-8081	Endosulfan I	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:52	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	OCP-NPW-8081	Endosulfan II	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:52	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	OCP-NPW-8081	Endosulfan sulfate	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:52	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	OCP-NPW-8081	Endrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:52	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	OCP-NPW-8081	Endrin aldehyde	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:52	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	OCP-NPW-8081	Endrin ketone	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:52	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	OCP-NPW-8081	g-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:52	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	OCP-NPW-8081	Heptachlor	0.0151	0.0151			ug/L	1	0.003	0.003	0.006		11/22/2017 11:52	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	OCP-NPW-8081	Heptachlor epoxide	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 11:52	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	OCP-NPW-8081	Toxaphene	0	< 0.150			ug/L	1	0.15	0.15	0.3	U	11/22/2017 11:52	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	PCB-NPW-8082	Total PCBs	0	< 0.006			ug/L	1	0.006	0.006	0.012	U	11/23/2017 11:35	Sotruba	SW846 8082A	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	benzo(b&k)fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	1,2,4-Trichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	1,2-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	1,2-Diphenylhydrazine as Azobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	1,3-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	1,4-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	2,4,6-Trichlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	2,4-Dichlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	2,4-Dimethylphenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	2,4-Dinitrophenol	0	< 9.00			ug/L	1	9	9	18	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	2,4-Dinitrotoluene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	2,6-Dinitrotoluene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	2-Chloronaphthalene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	2-Chlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	2-Nitrophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	3,3-Dichlorobenzidine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	4,6-Dinitro-2-methylphenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	4-Bromophenyl phenyl ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	4-Chloro-3-methylphenol	0	< 0.560			ug/L	1	0.56	0.56	4.5	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	4-Chlorophenyl phenyl ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	4-Nitrophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	Acenaphthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	Acenaphthylene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	Anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	Benzidine	0	< 0.142			ug/L	1	0.142	0.142	0.43	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	Benzo(a)anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	Benzo(a)pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	Benzo(b)fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	Benzo(g,h,i)perylene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	Benzo(k)fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	Bis(2-chloroethoxy) methane	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	Bis(2-chloroethyl) ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	Bis(2-chloroisopropyl) ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	Bis(2-ethylhexyl) phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	Butyl benzyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	Chrysene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	Dibenzo(a,h)anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	Diethyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	Dimethyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	Di-n-butyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	Di-n-octyl Phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	Fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	Fluorene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	Hexachlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	Hexachlorobutadiene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	Hexachlorocyclopentadiene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	Hexachloroethane	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	Indeno(1,2,3-cd)pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	Isophorone	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	Naphthalene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	Nitrobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	n-Nitrosodimethylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	n-nitroso-di-n-propylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	n-Nitrosodiphenylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	Pentachlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	Phenanthrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	Phenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	SVOA-NPW-8270	Pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 10:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	TOC-NPW-415.1	Total Organic Carbon	0.0005162	0.0005162			%	1	0.00005	0.00005	0.0001		11/17/2017 18:21	Arazo	EPA 415.1	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.09	GIC-AB-17-07-E	TPH-NPW-TX1005	TPH, C6-C35	0.54	< 3.22			mg/L	1	3.22	3.22	10	U	11/30/2017 19:27	Emiller	TCEQ 1005	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	Cn-NPW-4500	Cyanide, Total	0	< 0.005			mg/L	1	0.005	0.005	0.01	U	11/20/2017 19:25	Arazo	SM 4500-CN C, E	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	Cr III-NPW	Trivalent Chromium	0.405	< 1.50			ug/L	1	1.5	1.5	3	U	12/29/2017 13:35	Mmartin	Calculation	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	Cr VI-D-NPW	Chromium, Hexavalent	0	< 1.50			ug/L	1	1.5	1.5	3	U	11/15/2017 14:50	Arazo	SM 3500-Cr B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	HG-NPW	Mercury	0.02	< 0.150			ug/L	1	0.15	0.15	0.2	U	11/17/2017 22:23	Sherandez	EPA 245.1	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	MET-D-NPW 200.8	Antimony	0.774	< 1.000			ug/L	5	0.2	1	5	U	11/21/2017 18:42	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	MET-D-NPW 200.8	Arsenic	15.3	15.3			ug/L	5	0.1	0.5	2.5		11/21/2017 18:42	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	MET-D-NPW 200.8	Beryllium	0.029	< 0.050			ug/L	5	0.01	0.05	1	U	11/22/2017 18:13	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	MET-D-NPW 200.8	Cadmium	0.011	< 0.250			ug/L	5	0.05	0.25	5	U	11/21/2017 18:42	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	MET-D-NPW 200.8	Chromium	0.405	0.405			ug/L	5	0.08	0.4	15	J	11/21/2017 18:42	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	MET-D-NPW 200.8	Copper	2.42	2.42			ug/L	5	0.2	1	5	J	11/21/2017 18:42	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	MET-D-NPW 200.8	Lead	0.484	< 0.500			ug/L	5	0.1	0.5	2.5	U	11/21/2017 18:42	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	MET-D-NPW 200.8	Nickel	1.32	1.32			ug/L	5	0.05	0.25	5	J	11/21/2017 18:42	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	MET-D-NPW 200.8	Silver	0.0046	< 0.150			ug/L	5	0.03	0.15	2.5	U	11/21/2017 18:42	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	MET-D-NPW 200.8	Thallium	0.0032	< 0.150			ug/L	5	0.03	0.15	2.5	U	11/21/2017 18:42	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	MET-D-NPW 200.8	Zinc	2.29	2.29			ug/L	5	0.2	1	10	J	11/21/2017 18:42	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	MET-NPW 200.8	Selenium	3.01	3.01			ug/L	5	0.333	1.665	10	J	11/21/2017 18:42	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	NH3-N-SEAL	Ammonia as N	2.0595	2.0595			mg/L	1	0.02	0.02	0.1		12/04/2017 17:07	Arazo	EPA 350.1	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	OCP-NPW-8081	a-Chlordane	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 12:16	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	OCP-NPW-8081	γ-Chlordane	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 12:16	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	OCP-NPW-8081	4,4-DDD	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/22/2017 12:16	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	OCP-NPW-8081	4,4-DDE	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/22/2017 12:16	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	OCP-NPW-8081	4,4-DDT	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/22/2017 12:16	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	OCP-NPW-8081	Aldrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 12:16	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	OCP-NPW-8081	a-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 12:16	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	OCP-NPW-8081	b-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 12:16	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	OCP-NPW-8081	Chlordane	0.0117	0.0117			ug/L	1	0.003	0.003	0.006		11/22/2017 12:16	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	OCP-NPW-8081	d-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 12:16	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	OCP-NPW-8081	Dieldrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 12:16	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	OCP-NPW-8081	Endosulfan I	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 12:16	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	OCP-NPW-8081	Endosulfan II	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 12:16	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	OCP-NPW-8081	Endosulfan sulfate	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 12:16	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	OCP-NPW-8081	Endrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 12:16	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	OCP-NPW-8081	Endrin aldehyde	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 12:16	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	OCP-NPW-8081	Endrin ketone	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 12:16	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	OCP-NPW-8081	g-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 12:16	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	OCP-NPW-8081	Heptachlor	0.0117	0.0117			ug/L	1	0.003	0.003	0.006		11/22/2017 12:16	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	OCP-NPW-8081	Heptachlor epoxide	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 12:16	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	OCP-NPW-8081	Toxaphene	0	< 0.150			ug/L	1	0.15	0.15	0.3	U	11/22/2017 12:16	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	PCB-NPW-8082	Total PCBs	0	< 0.006			ug/L	1	0.006	0.006	0.012	U	11/23/2017 12:21	Sotruba	SW846 8082A	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	benzo(b&k)fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	1,2,4-Trichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	1,2-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	1,2-Diphenylhydrazine as Azobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	1,3-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	1,4-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	2,4,6-Trichlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	2,4-Dichlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	2,4-Dimethylphenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	2,4-Dinitrophenol	0	< 9.00			ug/L	1	9	9	18	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	2,4-Dinitrotoluene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	2,6-Dinitrotoluene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	2-Chloronaphthalene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	2-Chlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	2-Nitrophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	3,3-Dichlorobenzidine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	4,6-Dinitro-2-methylphenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	4-Bromophenyl phenyl ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	4-Chloro-3-methylphenol	0	< 0.560			ug/L	1	0.56	0.56	4.5	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	4-Chlorophenyl phenyl ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	4-Nitrophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	Acenaphthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	Acenaphthylene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	Anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	Benzdine	0	< 0.142			ug/L	1	0.142	0.142	0.43	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	Benzo(a)anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	Benzo(a)pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	Benzo(b)fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	Benzo(g,h,i)perylene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	Benzo(k)fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	Bis(2-chloroethoxy) methane	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	Bis(2-chloroethyl) ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	Bis(2-chloroisopropyl) ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	Bis(2-ethylhexyl) phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	Butyl benzyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	Chrysene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	Dibenzo(a,h)anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	Diethyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	Dimethyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	Di-n-butyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	Di-n-octyl Phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	Fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	Fluorene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	Hexachlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	Hexachlorobutadiene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	Hexachlorocyclopentadiene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	Hexachloroethane	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	Indeno(1,2,3-cd)pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	Isophorone	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	Naphthalene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	Nitrobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	n-Nitrosodimethylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	n-nitroso-di-n-propylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	n-Nitrosodiphenylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	Pentachlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	Phenanthrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	Phenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	SVOA-NPW-8270	Pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/05/2017 11:16	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	TOC-NPW-415.1	Total Organic Carbon	0.0005499	0.0005499			%	1	0.00005	0.00005	0.0001		11/17/2017 18:21	Arazo	EPA 415.1	Water	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.10	GIC-AB-17-08-E	TPH-NPW-TX1005	TPH, C6-C35	0.52	< 3.22			mg/L	1	3.22	3.22	10	U	11/30/2017 19:52	Emiller	TCEQ 1005	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	Cn-NPW-4500	Cyanide, Total	0	< 0.005			mg/L	1	0.005	0.005	0.01	U	11/20/2017 19:25	Arazo	SM 4500-CN C, E	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	Cr III-NPW	Trivalent Chromium	0.162	< 1.50			ug/L	1	1.5	1.5	3	U	12/29/2017 13:35	Mmartin	Calculation	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	Cr VI-D-NPW	Chromium, Hexavalent	0	< 1.50			ug/L	1	1.5	1.5	3	U	11/15/2017 14:50	Arazo	SM 3500-Cr B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	HG-NPW	Mercury	0.018	< 0.150			ug/L	1	0.15	0.15	0.2	U	11/17/2017 22:33	Sherandez	EPA 245.1	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	MET-D-NPW 200.8	Antimony	0.749	< 1.000			ug/L	5	0.2	1	5	U	11/21/2017 18:48	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	MET-D-NPW 200.8	Arsenic	20.2	20.2			ug/L	5	0.1	0.5	2.5		11/21/2017 18:48	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	MET-D-NPW 200.8	Beryllium	0.015	< 0.050			ug/L	5	0.01	0.05	1	U	11/22/2017 18:18	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	MET-D-NPW 200.8	Cadmium	0.011	< 0.250			ug/L	5	0.05	0.25	5	U	11/21/2017 18:48	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	MET-D-NPW 200.8	Chromium	0.162	< 0.400			ug/L	5	0.08	0.4	15	U	11/21/2017 18:48	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	MET-D-NPW 200.8	Copper	1.4	1.4			ug/L	5	0.2	1	5	J	11/21/2017 18:48	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	MET-D-NPW 200.8	Lead	0.18	< 0.500			ug/L	5	0.1	0.5	2.5	U	11/21/2017 18:48	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	MET-D-NPW 200.8	Nickel	1.38	1.38			ug/L	5	0.05	0.25	5	J	11/21/2017 18:48	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	MET-D-NPW 200.8	Silver	0.0061	< 0.150			ug/L	5	0.03	0.15	2.5	U	11/21/2017 18:48	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	MET-D-NPW 200.8	Thallium	0.0026	< 0.150			ug/L	5	0.03	0.15	2.5	U	11/21/2017 18:48	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	MET-D-NPW 200.8	Zinc	0.959	< 1.000			ug/L	5	0.2	1	10	U	11/21/2017 18:48	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	MET-NPW 200.8	Selenium	4.61	4.61			ug/L	5	0.333	1.665	10	J	11/21/2017 18:48	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	NH3-N-SEAL	Ammonia as N	5.9748	5.9748			mg/L	1	0.02	0.02	0.1		12/04/2017 17:07	Arazo	EPA 350.1	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	OCP-NPW-8081	a-Chlordane	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 12:40	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	OCP-NPW-8081	γ-Chlordane	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 12:40	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	OCP-NPW-8081	4,4-DDD	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/22/2017 12:40	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	OCP-NPW-8081	4,4-DDE	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/22/2017 12:40	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	OCP-NPW-8081	4,4-DDT	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/22/2017 12:40	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	OCP-NPW-8081	Aldrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 12:40	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	OCP-NPW-8081	a-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 12:40	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	OCP-NPW-8081	b-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 12:40	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	OCP-NPW-8081	Chlordane	0.0144	0.0144			ug/L	1	0.003	0.003	0.006		11/22/2017 12:40	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	OCP-NPW-8081	d-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 12:40	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	OCP-NPW-8081	Dieldrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 12:40	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	OCP-NPW-8081	Endosulfan I	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 12:40	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	OCP-NPW-8081	Endosulfan II	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 12:40	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	OCP-NPW-8081	Endosulfan sulfate	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 12:40	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	OCP-NPW-8081	Endrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 12:40	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	OCP-NPW-8081	Endrin aldehyde	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 12:40	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	OCP-NPW-8081	Endrin ketone	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 12:40	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	OCP-NPW-8081	g-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 12:40	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	OCP-NPW-8081	Heptachlor	0.0144	0.0144			ug/L	1	0.003	0.003	0.006		11/22/2017 12:40	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	OCP-NPW-8081	Heptachlor epoxide	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 12:40	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	OCP-NPW-8081	Toxaphene	0	< 0.150			ug/L	1	0.15	0.15	0.3	U	11/22/2017 12:40	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	PCB-NPW-8082	Total PCBs	0	< 0.006			ug/L	1	0.006	0.006	0.012	U	11/23/2017 12:44	Sotruba	SW846 8082A	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	benzo(b&k)fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	1,2,4-Trichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	1,2-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	1,2-Diphenylhydrazine as Azobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	1,3-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	1,4-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	2,4,6-Trichlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	2,4-Dichlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	2,4-Dimethylphenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	2,4-Dinitrophenol	0	< 9.00			ug/L	1	9	9	18	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	2,4-Dinitrotoluene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	2,6-Dinitrotoluene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	2-Chloronaphthalene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	2-Chlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	2-Nitrophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	3,3-Dichlorobenzidine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	4,6-Dinitro-2-methylphenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	4-Bromophenyl phenyl ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	4-Chloro-3-methylphenol	0	< 0.560			ug/L	1	0.56	0.56	4.5	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	4-Chlorophenyl phenyl ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	4-Nitrophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	Acenaphthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	Acenaphthylene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	Anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	Benzidine	0	< 0.142			ug/L	1	0.142	0.142	0.43	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	Benzo(a)anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	Benzo(a)pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	Benzo(b)fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	Benzo(g,h,i)perylene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	Benzo(k)fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	Bis(2-chloroethoxy) methane	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	Bis(2-chloroethyl) ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	Bis(2-chloroisopropyl) ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	Bis(2-ethylhexyl) phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	Butyl benzyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	Chrysene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	Dibenzo(a,h)anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	Diethyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	Dimethyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	Di-n-butyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	Di-n-octyl Phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	Fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	Fluorene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	Hexachlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	Hexachlorobutadiene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	Hexachlorocyclopentadiene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	Hexachloroethane	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	Indeno(1,2,3-cd)pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	Isophorone	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	Naphthalene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	Nitrobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	n-Nitrosodimethylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	n-nitroso-di-n-propylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	n-Nitrosodiphenylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	Pentachlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	Phenanthrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	Phenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	SVOA-NPW-8270	Pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:20	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	TOC-NPW-415.1	Total Organic Carbon	0.00585	0.00585			%	1	0.00005	0.00005	0.0001		11/17/2017 18:21	Arazo	EPA 415.1	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.11	GIC-AB-17-09-E	TPH-NPW-TX1005	TPH, C6-C35	0.57	< 3.22			mg/L	1	3.22	3.22	10	U	11/30/2017 20:42	Emiller	TCEQ 1005	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	Cn-NPW-4500	Cyanide, Total	0	< 0.005			mg/L	1	0.005	0.005	0.01	U	11/20/2017 19:25	Arazo	SM 4500-CN C, E	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	Cr III-NPW	Trivalent Chromium	0.248	< 1.50			ug/L	1	1.5	1.5	3	U	12/29/2017 13:35	Mmartin	Calculation	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	Cr VI-D-NPW	Chromium, Hexavalent	0	< 1.50			ug/L	1	1.5	1.5	3	U	11/15/2017 14:50	Arazo	SM 3500-Cr B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	HG-NPW	Mercury	0.018	< 0.150			ug/L	1	0.15	0.15	0.2	U	11/17/2017 22:43	Sherandez	EPA 245.1	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	MET-D-NPW 200.8	Antimony	1.39	1.39			ug/L	5	0.2	1	5	J	11/21/2017 19:20	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	MET-D-NPW 200.8	Arsenic	14.5	14.5			ug/L	5	0.1	0.5	2.5		11/21/2017 19:20	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	MET-D-NPW 200.8	Beryllium	0.029	< 0.050			ug/L	5	0.01	0.05	1	U	11/22/2017 18:34	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	MET-D-NPW 200.8	Cadmium	0.01	< 0.250			ug/L	5	0.05	0.25	5	U	11/21/2017 19:20	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	MET-D-NPW 200.8	Chromium	0.248	< 0.400			ug/L	5	0.08	0.4	15	U	11/21/2017 19:20	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	MET-D-NPW 200.8	Copper	1.1	1.1			ug/L	5	0.2	1	5	J	11/21/2017 19:20	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	MET-D-NPW 200.8	Lead	0.086	< 0.500			ug/L	5	0.1	0.5	2.5	U	11/21/2017 19:20	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	MET-D-NPW 200.8	Nickel	1.33	1.33			ug/L	5	0.05	0.25	5	J	11/21/2017 19:20	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	MET-D-NPW 200.8	Silver	0.0044	< 0.150			ug/L	5	0.03	0.15	2.5	U	11/21/2017 19:20	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	MET-D-NPW 200.8	Thallium	0.008	< 0.150			ug/L	5	0.03	0.15	2.5	U	11/21/2017 19:20	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	MET-D-NPW 200.8	Zinc	1.54	1.54			ug/L	5	0.2	1	10	J	11/21/2017 19:20	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	MET-NPW 200.8	Selenium	4.47	4.47			ug/L	5	0.333	1.665	10	J	11/21/2017 19:20	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	NH3-N-SEAL	Ammonia as N	3.7754	3.7754			mg/L	1	0.02	0.02	0.1		12/04/2017 17:07	Araza	EPA 350.1	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	OCP-NPW-8081	a-Chlordane	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:03	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	OCP-NPW-8081	γ-Chlordane	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:03	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	OCP-NPW-8081	4,4-DDD	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/22/2017 13:03	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	OCP-NPW-8081	4,4-DDE	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/22/2017 13:03	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	OCP-NPW-8081	4,4-DDT	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/22/2017 13:03	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	OCP-NPW-8081	Aldrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:03	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	OCP-NPW-8081	a-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:03	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	OCP-NPW-8081	b-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:03	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	OCP-NPW-8081	Chlordane	0.0121	0.0121			ug/L	1	0.003	0.003	0.006		11/22/2017 13:03	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	OCP-NPW-8081	d-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:03	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	OCP-NPW-8081	Dieldrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:03	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	OCP-NPW-8081	Endosulfan I	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:03	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	OCP-NPW-8081	Endosulfan II	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:03	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	OCP-NPW-8081	Endosulfan sulfate	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:03	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	OCP-NPW-8081	Endrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:03	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	OCP-NPW-8081	Endrin aldehyde	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:03	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	OCP-NPW-8081	Endrin ketone	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:03	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	OCP-NPW-8081	g-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:03	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	OCP-NPW-8081	Heptachlor	0.0121	0.0121			ug/L	1	0.003	0.003	0.006		11/22/2017 13:03	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	OCP-NPW-8081	Heptachlor epoxide	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:03	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	OCP-NPW-8081	Toxaphene	0	< 0.150			ug/L	1	0.15	0.15	0.3	U	11/22/2017 13:03	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	PCB-NPW-8082	Total PCBs	0	< 0.006			ug/L	1	0.006	0.006	0.012	U	11/23/2017 13:06	Sotruba	SW846 8082A	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	benzo(b&k)fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	1,2,4-Trichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	1,2-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	1,2-Diphenylhydrazine as Azobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	1,3-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	1,4-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	2,4,6-Trichlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	2,4-Dichlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	2,4-Dimethylphenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	2,4-Dinitrophenol	0	< 9.00			ug/L	1	9	9	18	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	2,4-Dinitrotoluene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	2,6-Dinitrotoluene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	2-Chloronaphthalene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	2-Chlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	2-Nitrophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	3,3-Dichlorobenzidine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	4,6-Dinitro-2-methylphenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	4-Bromophenyl phenyl ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	4-Chloro-3-methylphenol	0	< 0.560			ug/L	1	0.56	0.56	4.5	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	4-Chlorophenyl phenyl ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	4-Nitrophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	Acenaphthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	Acenaphthylene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	Anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	Benzidine	0	< 0.142			ug/L	1	0.142	0.142	0.43	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	Benzo(a)anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	Benzo(a)pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	Benzo(b)fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	Benzo(g,h,i)perylene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	Benzo(k)fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	Bis(2-chloroethoxy) methane	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	Bis(2-chloroethyl) ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	Bis(2-chloroisopropyl) ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	Bis(2-ethylhexyl) phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	Butyl benzyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	Chrysene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	Dibenzo(a,h)anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	Diethyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	Dimethyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	Di-n-butyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	Di-n-octyl Phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	Fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	Fluorene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	Hexachlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	Hexachlorobutadiene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	Hexachlorocyclopentadiene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	Hexachloroethane	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	Indeno(1,2,3-cd)pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	Isophorone	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	Naphthalene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	Nitrobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	n-Nitrosodimethylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	n-nitroso-di-n-propylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	n-Nitrosodiphenylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	Pentachlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	Phenanthrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	Phenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	SVOA-NPW-8270	Pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 19:57	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	TOC-NPW-415.1	Total Organic Carbon	0.0006332	0.0006332			%	1	0.00005	0.00005	0.0001		11/17/2017 18:21	Arazo	EPA 415.1	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.12	GIC-AB-17-10-E	TPH-NPW-TX1005	TPH, C6-C35	0.48	< 3.22			mg/L	1	3.22	3.22	10	U	11/30/2017 21:07	Emiller	TCEQ 1005	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	Cn-NPW-4500	Cyanide, Total	0	< 0.005			mg/L	1	0.005	0.005	0.01	U	11/20/2017 19:25	Arazo	SM 4500-CN C, E	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	Cr III-NPW	Trivalent Chromium	0.17	< 1.50			ug/L	1	1.5	1.5	3	U	12/29/2017 13:35	Mmartin	Calculation	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	Cr VI-D-NPW	Chromium, Hexavalent	0	< 1.50			ug/L	1	1.5	1.5	3	U	11/15/2017 14:50	Arazo	SM 3500-Cr B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	HG-NPW	Mercury	0.02	< 0.150			ug/L	1	0.15	0.15	0.2	U	11/17/2017 22:46	Sherandez	EPA 245.1	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	MET-D-NPW 200.8	Antimony	1.17	1.17			ug/L	5	0.2	1	5	J	11/21/2017 19:25	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	MET-D-NPW 200.8	Arsenic	20.5	20.5			ug/L	5	0.1	0.5	2.5		11/21/2017 19:25	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	MET-D-NPW 200.8	Beryllium	0.042	< 0.050			ug/L	5	0.01	0.05	1	U	11/22/2017 18:39	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	MET-D-NPW 200.8	Cadmium	0.0056	< 0.250			ug/L	5	0.05	0.25	5	U	11/21/2017 19:25	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	MET-D-NPW 200.8	Chromium	0.17	< 0.400			ug/L	5	0.08	0.4	15	U	11/21/2017 19:25	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	MET-D-NPW 200.8	Copper	1.99	1.99			ug/L	5	0.2	1	5	J	11/21/2017 19:25	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	MET-D-NPW 200.8	Lead	0.168	< 0.500			ug/L	5	0.1	0.5	2.5	U	11/21/2017 19:25	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	MET-D-NPW 200.8	Nickel	1.38	1.38			ug/L	5	0.05	0.25	5	J	11/21/2017 19:25	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	MET-D-NPW 200.8	Silver	0.0037	< 0.150			ug/L	5	0.03	0.15	2.5	U	11/21/2017 19:25	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	MET-D-NPW 200.8	Thallium	0.002	< 0.150			ug/L	5	0.03	0.15	2.5	U	11/21/2017 19:25	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	MET-D-NPW 200.8	Zinc	1.69	1.69			ug/L	5	0.2	1	10	J	11/21/2017 19:25	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	MET-NPW 200.8	Selenium	3.94	3.94			ug/L	5	0.333	1.665	10	J	11/21/2017 19:25	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	NH3-N-SEAL	Ammonia as N	6.1014	6.1014			mg/L	1	0.02	0.02	0.1		12/04/2017 17:07	Arazo	EPA 350.1	Water	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	OCP-NPW-8081	a-Chlordane	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:27	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	OCP-NPW-8081	γ-Chlordane	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:27	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	OCP-NPW-8081	4,4-DDD	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/22/2017 13:27	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	OCP-NPW-8081	4,4-DDE	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/22/2017 13:27	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	OCP-NPW-8081	4,4-DDT	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/22/2017 13:27	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	OCP-NPW-8081	Aldrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:27	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	OCP-NPW-8081	a-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:27	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	OCP-NPW-8081	b-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:27	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	OCP-NPW-8081	Chlordane	0.0124	0.0124			ug/L	1	0.003	0.003	0.006		11/22/2017 13:27	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	OCP-NPW-8081	d-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:27	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	OCP-NPW-8081	Dieldrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:27	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	OCP-NPW-8081	Endosulfan I	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:27	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	OCP-NPW-8081	Endosulfan II	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:27	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	OCP-NPW-8081	Endosulfan sulfate	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:27	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	OCP-NPW-8081	Endrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:27	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	OCP-NPW-8081	Endrin aldehyde	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:27	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	OCP-NPW-8081	Endrin ketone	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:27	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	OCP-NPW-8081	g-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:27	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	OCP-NPW-8081	Heptachlor	0.0124	0.0124			ug/L	1	0.003	0.003	0.006		11/22/2017 13:27	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	OCP-NPW-8081	Heptachlor epoxide	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:27	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	OCP-NPW-8081	Toxaphene	0	< 0.150			ug/L	1	0.15	0.15	0.3	U	11/22/2017 13:27	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	PCB-NPW-8082	Total PCBs	0	< 0.006			ug/L	1	0.006	0.006	0.012	U	11/23/2017 13:29	Sotruba	SW846 8082A	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	benzo(b&k)fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	1,2,4-Trichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	1,2-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	1,2-Diphenylhydrazine as Azobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	1,3-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	1,4-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	2,4,6-Trichlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	2,4-Dichlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	2,4-Dimethylphenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	2,4-Dinitrophenol	0	< 9.00			ug/L	1	9	9	18	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	2,4-Dinitrotoluene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	2,6-Dinitrotoluene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	2-Chloronaphthalene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	2-Chlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	2-Nitrophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	3,3-Dichlorobenzidine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	4,6-Dinitro-2-methylphenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	4-Bromophenyl phenyl ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	4-Chloro-3-methylphenol	0	< 0.560			ug/L	1	0.56	0.56	4.5	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	4-Chlorophenyl phenyl ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	4-Nitrophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	Acenaphthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	Acenaphthylene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	Anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	Benzidine	0	< 0.142			ug/L	1	0.142	0.142	0.43	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	Benzo(a)anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	Benzo(a)pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	Benzo(b)fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	Benzo(g,h,i)perylene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	Benzo(k)fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	Bis(2-chloroethoxy) methane	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	Bis(2-chloroethyl) ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	Bis(2-chloroisopropyl) ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	Bis(2-ethylhexyl) phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	Butyl benzyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	Chrysene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	Dibenzo(a,h)anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	Diethyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	Dimethyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	Di-n-butyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	Di-n-octyl Phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	Fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	Fluorene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	Hexachlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	Hexachlorobutadiene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	Hexachlorocyclopentadiene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	Hexachloroethane	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	Indeno(1,2,3-cd)pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	Isophorone	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	Naphthalene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	Nitrobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	n-Nitrosodimethylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	n-nitroso-di-n-propylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	n-Nitrosodiphenylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	Pentachlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	Phenanthrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	Phenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	SVOA-NPW-8270	Pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 20:33	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	TOC-NPW-415.1	Total Organic Carbon	0.0006392	0.0006392			%	1	0.00005	0.00005	0.0001		11/17/2017 18:21	Arazo	EPA 415.1	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.13	GIC-AB-17-11-E	TPH-NPW-TX1005	TPH, C6-C35	0.74	< 3.22			mg/L	1	3.22	3.22	10	U	11/30/2017 21:32	Emiller	TCEQ 1005	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	Cn-NPW-4500	Cyanide, Total	0	< 0.005			mg/L	1	0.005	0.005	0.01	U	11/20/2017 19:25	Arazo	SM 4500-CN C, E	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	Cr III-NPW	Trivalent Chromium	0.216	< 1.50			ug/L	1	1.5	1.5	3	U	12/29/2017 13:35	Mmartin	Calculation	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	Cr VI-D-NPW	Chromium, Hexavalent	0	< 1.50			ug/L	1	1.5	1.5	3	U	11/15/2017 14:50	Arazo	SM 3500-Cr B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	HG-NPW	Mercury	0.02	< 0.150			ug/L	1	0.15	0.15	0.2	U	11/17/2017 22:50	Sherandez	EPA 245.1	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	MET-D-NPW 200.8	Antimony	0.907	< 1.000			ug/L	5	0.2	1	5	U	11/21/2017 19:30	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	MET-D-NPW 200.8	Arsenic	23.6	23.6			ug/L	5	0.1	0.5	2.5		11/21/2017 19:30	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	MET-D-NPW 200.8	Beryllium	-0.0123	< 0.050			ug/L	5	0.01	0.05	1	U	11/22/2017 19:01	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	MET-D-NPW 200.8	Cadmium	0.014	< 0.250			ug/L	5	0.05	0.25	5	U	11/21/2017 19:30	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	MET-D-NPW 200.8	Chromium	0.216	< 0.400			ug/L	5	0.08	0.4	15	U	11/21/2017 19:30	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	MET-D-NPW 200.8	Copper	1.26	1.26			ug/L	5	0.2	1	5	J	11/21/2017 19:30	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	MET-D-NPW 200.8	Lead	0.492	< 0.500			ug/L	5	0.1	0.5	2.5	U	11/21/2017 19:30	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	MET-D-NPW 200.8	Nickel	1.23	1.23			ug/L	5	0.05	0.25	5	J	11/21/2017 19:30	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	MET-D-NPW 200.8	Silver	0.0083	< 0.150			ug/L	5	0.03	0.15	2.5	U	11/21/2017 19:30	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	MET-D-NPW 200.8	Thallium	0.0029	< 0.150			ug/L	5	0.03	0.15	2.5	U	11/21/2017 19:30	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	MET-D-NPW 200.8	Zinc	1.16	1.16			ug/L	5	0.2	1	10	J	11/21/2017 19:30	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	MET-NPW 200.8	Selenium	4.56	4.56			ug/L	5	0.333	1.665	10	J	11/21/2017 19:30	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	NH3-N-SEAL	Ammonia as N	6.1254	6.1254			mg/L	1	0.02	0.02	0.1		12/04/2017 17:07	Arazo	EPA 350.1	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	OCP-NPW-8081	a-Chlordane	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:51	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	OCP-NPW-8081	γ-Chlordane	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:51	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	OCP-NPW-8081	4,4-DDD	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/22/2017 13:51	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	OCP-NPW-8081	4,4-DDE	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/22/2017 13:51	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	OCP-NPW-8081	4,4-DDT	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/22/2017 13:51	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	OCP-NPW-8081	Aldrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:51	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	OCP-NPW-8081	a-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:51	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	OCP-NPW-8081	b-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:51	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	OCP-NPW-8081	Chlordane	0.0157	0.0157			ug/L	1	0.003	0.003	0.006		11/22/2017 13:51	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	OCP-NPW-8081	d-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:51	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	OCP-NPW-8081	Dieldrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:51	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	OCP-NPW-8081	Endosulfan I	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:51	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	OCP-NPW-8081	Endosulfan II	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:51	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	OCP-NPW-8081	Endosulfan sulfate	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:51	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	OCP-NPW-8081	Endrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:51	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	OCP-NPW-8081	Endrin aldehyde	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:51	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	OCP-NPW-8081	Endrin ketone	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:51	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	OCP-NPW-8081	g-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:51	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	OCP-NPW-8081	Heptachlor	0.0157	0.0157			ug/L	1	0.003	0.003	0.006		11/22/2017 13:51	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	OCP-NPW-8081	Heptachlor epoxide	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 13:51	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	OCP-NPW-8081	Toxaphene	0	< 0.150			ug/L	1	0.15	0.15	0.3	U	11/22/2017 13:51	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	PCB-NPW-8082	Total PCBs	0	< 0.006			ug/L	1	0.006	0.006	0.012	U	11/23/2017 13:52	Sotruba	SW846 8082A	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	benzo(b&k)fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	1,2,4-Trichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	1,2-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	1,2-Diphenylhydrazine as Azobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	1,3-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	1,4-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	2,4,6-Trichlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	2,4-Dichlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	2,4-Dimethylphenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	2,4-Dinitrophenol	0	< 9.00			ug/L	1	9	9	18	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	2,4-Dinitrotoluene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	2,6-Dinitrotoluene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	2-Chloronaphthalene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	2-Chlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	2-Nitrophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	3,3-Dichlorobenzidine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	4,6-Dinitro-2-methylphenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	4-Bromophenyl phenyl ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	4-Chloro-3-methylphenol	0	< 0.560			ug/L	1	0.56	0.56	4.5	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	4-Chlorophenyl phenyl ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	4-Nitrophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	Acenaphthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	Acenaphthylene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	Anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	Benidine	0	< 0.142			ug/L	1	0.142	0.142	0.43	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	Benzo(a)anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	Benzo(a)pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	Benzo(b)fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	Benzo(g,h,i)perylene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	Benzo(k)fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	Bis(2-chloroethoxy) methane	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	Bis(2-chloroethyl) ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	Bis(2-chloroisopropyl) ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	Bis(2-ethylhexyl) phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	Butyl benzyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	Chrysene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	Dibenzo(a,h)anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	Diethyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	Dimethyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	Di-n-butyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	Di-n-octyl Phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	Fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	Fluorene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	Hexachlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	Hexachlorobutadiene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	Hexachlorocyclopentadiene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	Hexachloroethane	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	Indeno(1,2,3-cd)pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	Isophorone	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	Naphthalene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	Nitrobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	n-Nitrosodimethylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	n-nitroso-di-n-propylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	n-Nitrosodiphenylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	Pentachlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	Phenanthrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	Phenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	SVOA-NPW-8270	Pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:10	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	TOC-NPW-415.1	Total Organic Carbon	0.0005318	0.0005318			%	1	0.00005	0.00005	0.0001		11/17/2017 18:21	Arazo	EPA 415.1	Water	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.14	GIC-AB-17-12-E	TPH-NPW-TX1005	TPH, C6-C35	0.65	< 3.22			mg/L	1	3.22	3.22	10	U	11/30/2017 21:58	Emiller	TCEQ 1005	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	Cn-NPW-4500	Cyanide, Total	0	< 0.005			mg/L	1	0.005	0.005	0.01	U	11/20/2017 19:25	Arazo	SM 4500-CN C, E	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	Cr III-NPW	Trivalent Chromium	0.291	< 1.50			ug/L	1	1.5	1.5	3	U	12/29/2017 13:35	Mmartin	Calculation	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	Cr VI-D-NPW	Chromium, Hexavalent	0	< 1.50			ug/L	1	1.5	1.5	3	U	11/15/2017 14:50	Arazo	SM 3500-Cr B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	HG-NPW	Mercury	0.022	< 0.150			ug/L	1	0.15	0.15	0.2	U	11/17/2017 22:53	Sherandez	EPA 245.1	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	MET-D-NPW 200.8	Antimony	1	1			ug/L	5	0.2	1	5	J	11/21/2017 19:36	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	MET-D-NPW 200.8	Arsenic	16.1	16.1			ug/L	5	0.1	0.5	2.5		11/21/2017 19:36	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	MET-D-NPW 200.8	Beryllium	0.015	< 0.050			ug/L	5	0.01	0.05	1	U	11/22/2017 19:06	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	MET-D-NPW 200.8	Cadmium	0.016	< 0.250			ug/L	5	0.05	0.25	5	U	11/21/2017 19:36	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	MET-D-NPW 200.8	Chromium	0.291	< 0.400			ug/L	5	0.08	0.4	15	U	11/21/2017 19:36	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	MET-D-NPW 200.8	Copper	1.7	1.7			ug/L	5	0.2	1	5	J	11/21/2017 19:36	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	MET-D-NPW 200.8	Lead	0.157	< 0.500			ug/L	5	0.1	0.5	2.5	U	11/21/2017 19:36	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	MET-D-NPW 200.8	Nickel	1.11	1.11			ug/L	5	0.05	0.25	5	J	11/21/2017 19:36	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	MET-D-NPW 200.8	Silver	0.016	< 0.150			ug/L	5	0.03	0.15	2.5	U	11/21/2017 19:36	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	MET-D-NPW 200.8	Thallium	0.245	0.245			ug/L	5	0.03	0.15	2.5	J	11/21/2017 19:36	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	MET-D-NPW 200.8	Zinc	1.37	1.37			ug/L	5	0.2	1	10	J	11/21/2017 19:36	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	MET-NPW 200.8	Selenium	5.4	5.4			ug/L	5	0.333	1.665	10	J	11/21/2017 19:36	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	NH3-N-SEAL	Ammonia as N	4.6632	4.6632			mg/L	1	0.02	0.02	0.1		12/04/2017 17:07	Arazo	EPA 350.1	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	OCP-NPW-8081	a-Chlordane	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 14:15	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	OCP-NPW-8081	γ-Chlordane	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 14:15	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	OCP-NPW-8081	4,4-DDD	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/22/2017 14:15	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	OCP-NPW-8081	4,4-DDE	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/22/2017 14:15	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	OCP-NPW-8081	4,4-DDT	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/22/2017 14:15	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	OCP-NPW-8081	Aldrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 14:15	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	OCP-NPW-8081	a-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 14:15	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	OCP-NPW-8081	b-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 14:15	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	OCP-NPW-8081	Chlordane	0.0168	0.0168			ug/L	1	0.003	0.003	0.006		11/22/2017 14:15	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	OCP-NPW-8081	d-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 14:15	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	OCP-NPW-8081	Dieldrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 14:15	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	OCP-NPW-8081	Endosulfan I	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 14:15	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	OCP-NPW-8081	Endosulfan II	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 14:15	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	OCP-NPW-8081	Endosulfan sulfate	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 14:15	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	OCP-NPW-8081	Endrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 14:15	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	OCP-NPW-8081	Endrin aldehyde	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 14:15	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	OCP-NPW-8081	Endrin ketone	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 14:15	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	OCP-NPW-8081	g-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 14:15	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	OCP-NPW-8081	Heptachlor	0.0168	0.0168			ug/L	1	0.003	0.003	0.006		11/22/2017 14:15	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	OCP-NPW-8081	Heptachlor epoxide	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 14:15	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	OCP-NPW-8081	Toxaphene	0	< 0.150			ug/L	1	0.15	0.15	0.3	U	11/22/2017 14:15	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	PCB-NPW-8082	Total PCBs	0	< 0.006			ug/L	1	0.006	0.006	0.012	U	11/23/2017 14:15	Sotruba	SW846 8082A	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	benzo(b&k)fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	1,2,4-Trichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	1,2-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	1,2-Diphenylhydrazine as Azobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	1,3-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	1,4-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	2,4,6-Trichlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	2,4-Dichlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	2,4-Dimethylphenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	2,4-Dinitrophenol	0	< 9.00			ug/L	1	9	9	18	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	2,4-Dinitrotoluene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	2,6-Dinitrotoluene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	2-Chloronaphthalene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	2-Chlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	2-Nitrophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	3,3-Dichlorobenzidine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	4,6-Dinitro-2-methylphenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	4-Bromophenyl phenyl ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	4-Chloro-3-methylphenol	0	< 0.560			ug/L	1	0.56	0.56	4.5	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	4-Chlorophenyl phenyl ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	4-Nitrophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	Acenaphthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	Acenaphthylene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	Anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	Benzidine	0	< 0.142			ug/L	1	0.142	0.142	0.43	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	Benzo(a)anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	Benzo(a)pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	Benzo(b)fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	Benzo(g,h,i)perylene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	Benzo(k)fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	Bis(2-chloroethoxy) methane	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	Bis(2-chloroethyl) ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	Bis(2-chloroisopropyl) ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	Bis(2-ethylhexyl) phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	Butyl benzyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	Chrysene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	Dibenzo(a,h)anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	Diethyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	Dimethyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	Di-n-butyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	Di-n-octyl Phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	Fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	Fluorene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	Hexachlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	Hexachlorobutadiene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	Hexachlorocyclopentadiene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	Hexachloroethane	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	Indeno(1,2,3-cd)pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	Isophorone	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	Naphthalene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	Nitrobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	n-Nitrosodimethylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	n-nitroso-di-n-propylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	n-Nitrosodiphenylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	Pentachlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	Phenanthrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	Phenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	SVOA-NPW-8270	Pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 21:47	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	TOC-NPW-415.1	Total Organic Carbon	0.0005888	0.0005888			%	1	0.00005	0.00005	0.0001		11/17/2017 18:21	Arazo	EPA 415.1	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.15	GIC-AB-17-13-E	TPH-NPW-TX1005	TPH, C6-C35	0.52	< 3.22			mg/L	1	3.22	3.22	10	U	11/30/2017 22:24	Emiller	TCEQ 1005	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	Cn-NPW-4500	Cyanide, Total	0	< 0.005			mg/L	1	0.005	0.005	0.01	U	11/20/2017 19:25	Arazo	SM 4500-CN C _E	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	Cr III-NPW	Trivalent Chromium	0.222	< 1.50			ug/L	1	1.5	1.5	3	U	12/29/2017 13:35	Mmartin	Calculation	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	Cr VI-D-NPW	Chromium, Hexavalent	0	< 1.50			ug/L	1	1.5	1.5	3	U	11/15/2017 14:50	Arazo	SM 3500-Cr B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	HG-NPW	Mercury	0.019	< 0.150			ug/L	1	0.15	0.15	0.2	U	11/17/2017 22:56	Sherandez	EPA 245.1	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	MET-D-NPW 200.8	Antimony	0.917	< 1.000			ug/L	5	0.2	1	5	U	11/21/2017 19:41	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	MET-D-NPW 200.8	Arsenic	17.6	17.6			ug/L	5	0.1	0.5	2.5		11/21/2017 19:41	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	MET-D-NPW 200.8	Beryllium	0.0019	< 0.050			ug/L	5	0.01	0.05	1	U	11/22/2017 19:12	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	MET-D-NPW 200.8	Cadmium	0.015	< 0.250			ug/L	5	0.05	0.25	5	U	11/21/2017 19:41	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	MET-D-NPW 200.8	Chromium	0.222	< 0.400			ug/L	5	0.08	0.4	15	U	11/21/2017 19:41	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	MET-D-NPW 200.8	Copper	2.82	2.82			ug/L	5	0.2	1	5	J	11/21/2017 19:41	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	MET-D-NPW 200.8	Lead	0.28	< 0.500			ug/L	5	0.1	0.5	2.5	U	11/21/2017 19:41	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	MET-D-NPW 200.8	Nickel	1.44	1.44			ug/L	5	0.05	0.25	5	J	11/21/2017 19:41	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	MET-D-NPW 200.8	Silver	0.013	< 0.150			ug/L	5	0.03	0.15	2.5	U	11/21/2017 19:41	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	MET-D-NPW 200.8	Thallium	0.056	< 0.150			ug/L	5	0.03	0.15	2.5	U	11/21/2017 19:41	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	MET-D-NPW 200.8	Zinc	2.58	2.58			ug/L	5	0.2	1	10	J	11/21/2017 19:41	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	MET-NPW 200.8	Selenium	4.54	4.54			ug/L	5	0.333	1.665	10	J	11/21/2017 19:41	Cilies	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	NH3-N-SEAL	Ammonia as N	5.1469	5.1469			mg/L	1	0.02	0.02	0.1		12/04/2017 17:07	Araza	EPA 350.1	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	OCP-NPW-8081	a-Chlordane	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 14:39	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	OCP-NPW-8081	γ-Chlordane	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 14:39	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	OCP-NPW-8081	4,4-DDD	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/22/2017 14:39	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	OCP-NPW-8081	4,4-DDE	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/22/2017 14:39	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	OCP-NPW-8081	4,4-DDT	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/22/2017 14:39	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	OCP-NPW-8081	Aldrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 14:39	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	OCP-NPW-8081	a-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 14:39	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	OCP-NPW-8081	b-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 14:39	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	OCP-NPW-8081	Chlordane	0.0206	0.0206			ug/L	1	0.003	0.003	0.006		11/22/2017 14:39	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	OCP-NPW-8081	d-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 14:39	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	OCP-NPW-8081	Dieldrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 14:39	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	OCP-NPW-8081	Endosulfan I	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 14:39	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	OCP-NPW-8081	Endosulfan II	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 14:39	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	OCP-NPW-8081	Endosulfan sulfate	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 14:39	Emiller	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	OCP-NPW-8081	Endrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 14:39	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	OCP-NPW-8081	Endrin aldehyde	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 14:39	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	OCP-NPW-8081	Endrin ketone	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 14:39	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	OCP-NPW-8081	g-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 14:39	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	OCP-NPW-8081	Heptachlor	0.0206	0.0206			ug/L	1	0.003	0.003	0.006		11/22/2017 14:39	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	OCP-NPW-8081	Heptachlor epoxide	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/22/2017 14:39	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	OCP-NPW-8081	Toxaphene	0	< 0.150			ug/L	1	0.15	0.15	0.3	U	11/22/2017 14:39	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	PCB-NPW-8082	Total PCBs	0	< 0.006			ug/L	1	0.006	0.006	0.012	U	11/23/2017 14:38	Sotruba	SW846 8082A	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	benzo(b&k)fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	1,2,4-Trichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	1,2-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	1,2-Diphenylhydrazine as Azobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	1,3-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	1,4-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	2,4,6-Trichlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	2,4-Dichlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	2,4-Dimethylphenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	2,4-Dinitrophenol	0	< 9.00			ug/L	1	9	9	18	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	2,4-Dinitrotoluene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	2,6-Dinitrotoluene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	2-Chloronaphthalene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	2-Chlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	2-Nitrophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	3,3-Dichlorobenzidine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	4,6-Dinitro-2-methylphenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	4-Bromophenyl phenyl ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	4-Chloro-3-methylphenol	0	< 0.560			ug/L	1	0.56	0.56	4.5	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	4-Chlorophenyl phenyl ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	4-Nitrophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	Acenaphthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	Acenaphthylene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	Anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	Benzidine	0	< 0.142			ug/L	1	0.142	0.142	0.43	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	Benzo(a)anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	Benzo(a)pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	Benzo(b)fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	Benzo(g,h,i)perylene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	Benzo(k)fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	Bis(2-chloroethoxy) methane	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	Bis(2-chloroethyl) ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	Bis(2-chloroisopropyl) ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	Bis(2-ethylhexyl) phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	Butyl benzyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	Chrysene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	Dibenzo(a,h)anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	Diethyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	Dimethyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	Di-n-butyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	Di-n-octyl Phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	Fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	Fluorene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	Hexachlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	Hexachlorobutadiene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	Hexachlorocyclopentadiene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	Hexachloroethane	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	Indeno(1,2,3-cd)pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	Isophorone	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	Naphthalene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	Nitrobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	n-Nitrosodimethylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	n-nitroso-di-n-propylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	n-Nitrosodiphenylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	Pentachlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	Phenanthrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	Phenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	SVOA-NPW-8270	Pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 22:24	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	TOC-NPW-415.1	Total Organic Carbon	0.0006465	0.0006465			%	1	0.00005	0.00005	0.0001		11/17/2017 18:21	Arazo	EPA 415.1	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.16	GIC-AB-17-14-E	TPH-NPW-TX1005	TPH, C6-C35	0.57	< 3.22			mg/L	1	3.22	3.22	10	U	11/30/2017 22:49	Emiller	TCEQ 1005	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	Cn-NPW-4500	Cyanide, Total	0	< 0.005			mg/L	1	0.005	0.005	0.01	U	11/20/2017 19:25	Arazo	SM 4500-CN C, E	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	Cr III-NPW	Trivalent Chromium	0.333	< 1.50			ug/L	1	1.5	1.5	3	U	12/29/2017 13:35	Mmartin	Calculation	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	Cr VI-D-NPW	Chromium, Hexavalent	0	< 1.50			ug/L	1	1.5	1.5	3	U	11/15/2017 14:50	Arazo	SM 3500-Cr B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	HG-NPW	Mercury	0.024	< 0.150			ug/L	1	0.15	0.15	0.2	U	11/17/2017 23:00	Shernandez	EPA 245.1	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	MET-D-NPW 200.8	Antimony	0.796	< 1.000			ug/L	5	0.2	1	5	U	11/21/2017 19:47	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	MET-D-NPW 200.8	Arsenic	58.2	58.2			ug/L	5	0.1	0.5	2.5		11/21/2017 19:47	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	MET-D-NPW 200.8	Beryllium	0.015	< 0.050			ug/L	5	0.01	0.05	1	U	11/22/2017 19:17	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	MET-D-NPW 200.8	Cadmium	0.0025	< 0.250			ug/L	5	0.05	0.25	5	U	11/21/2017 19:47	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	MET-D-NPW 200.8	Chromium	0.333	< 0.400			ug/L	5	0.08	0.4	15	U	11/21/2017 19:47	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	MET-D-NPW 200.8	Copper	1.04	1.04			ug/L	5	0.2	1	5	J	11/21/2017 19:47	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	MET-D-NPW 200.8	Lead	0.208	< 0.500			ug/L	5	0.1	0.5	2.5	U	11/21/2017 19:47	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	MET-D-NPW 200.8	Nickel	2.75	2.75			ug/L	5	0.05	0.25	5	J	11/21/2017 19:47	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	MET-D-NPW 200.8	Silver	0.0063	< 0.150			ug/L	5	0.03	0.15	2.5	U	11/21/2017 19:47	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	MET-D-NPW 200.8	Thallium	0.0046	< 0.150			ug/L	5	0.03	0.15	2.5	U	11/21/2017 19:47	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	MET-D-NPW 200.8	Zinc	1.69	1.69			ug/L	5	0.2	1	10	J	11/21/2017 19:47	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	MET-NPW 200.8	Selenium	5.15	5.15			ug/L	5	0.333	1.665	10	J	11/21/2017 19:47	Ciles	EPA 200.8	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	NH3-N-SEAL	Ammonia as N	11.6467	11.6467			mg/L	1	0.02	0.02	0.1		12/04/2017 17:07	Arazo	EPA 350.1	Water	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	OCP-NPW-8081	a-Chlordane	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/30/2017 23:23	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	OCP-NPW-8081	γ-Chlordane	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/30/2017 23:23	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	OCP-NPW-8081	4,4-DDD	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/30/2017 23:23	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	OCP-NPW-8081	4,4-DDE	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/30/2017 23:23	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	OCP-NPW-8081	4,4-DDT	0	< 0.003			ug/L	1	0.003	0.003	0.012	U	11/30/2017 23:23	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	OCP-NPW-8081	Aldrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/30/2017 23:23	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	OCP-NPW-8081	a-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/30/2017 23:23	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	OCP-NPW-8081	b-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/30/2017 23:23	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	OCP-NPW-8081	Chlordane	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/30/2017 23:23	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	OCP-NPW-8081	d-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/30/2017 23:23	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	OCP-NPW-8081	Dieldrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/30/2017 23:23	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	OCP-NPW-8081	Endosulfan I	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/30/2017 23:23	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	OCP-NPW-8081	Endosulfan II	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/30/2017 23:23	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	OCP-NPW-8081	Endosulfan sulfate	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/30/2017 23:23	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	OCP-NPW-8081	Endrin	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/30/2017 23:23	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	OCP-NPW-8081	Endrin aldehyde	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/30/2017 23:23	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	OCP-NPW-8081	Endrin ketone	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/30/2017 23:23	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	OCP-NPW-8081	g-BHC	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/30/2017 23:23	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	OCP-NPW-8081	Heptachlor	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/30/2017 23:23	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	OCP-NPW-8081	Heptachlor epoxide	0	< 0.003			ug/L	1	0.003	0.003	0.006	U	11/30/2017 23:23	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	OCP-NPW-8081	Toxaphene	0	< 0.150			ug/L	1	0.15	0.15	0.3	U	11/30/2017 23:23	Sotruba	SW846 8081B	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	PCB-NPW-8082	Total PCBs	0	< 0.006			ug/L	1	0.006	0.006	0.012	U	11/23/2017 15:00	Sotruba	SW846 8082A	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	benzo(b&k)fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	1,2,4-Trichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	1,2-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	1,2-Diphenylhydrazine as Azobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	1,3-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	1,4-Dichlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	2,4,6-Trichlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	2,4-Dichlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	2,4-Dimethylphenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	2,4-Dinitrophenol	0	< 9.00			ug/L	1	9	9	18	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	2,4-Dinitrotoluene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	2,6-Dinitrotoluene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	2-Chloronaphthalene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	2-Chlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	2-Nitrophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	3,3-Dichlorobenzidine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	4,6-Dinitro-2-methylphenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	4-Bromophenyl phenyl ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	4-Chloro-3-methylphenol	0	< 0.560			ug/L	1	0.56	0.56	4.5	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	4-Chlorophenyl phenyl ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	4-Nitrophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	Acenaphthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	Acenaphthylene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	Anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	Benzidine	0	< 0.142			ug/L	1	0.142	0.142	0.43	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	Benzo(a)anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	Benzo(a)pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	Benzo(b)fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	Benzo(g,h,i)perylene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	Benzo(k)fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	Bis(2-chloroethoxy) methane	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	Bis(2-chloroethyl) ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	Bis(2-chloroisopropyl) ether	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	Bis(2-ethylhexyl) phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	Butyl benzyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	Chrysene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	Dibenzo(a,h)anthracene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	Diethyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	Dimethyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	Di-n-butyl phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	Di-n-octyl Phthalate	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	Fluoranthene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	Fluorene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	Hexachlorobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	Hexachlorobutadiene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	Hexachlorocyclopentadiene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	Hexachloroethane	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	Indeno(1,2,3-cd)pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	Isophorone	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	Naphthalene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	Nitrobenzene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	n-Nitrosodimethylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	n-nitroso-di-n-propylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	n-Nitrosodiphenylamine	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	Pentachlorophenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	Phenanthrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	Phenol	0	< 0.560			ug/L	1	0.56	0.56	1.12	U	12/06/2017 23:01	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	SVOA-NPW-8270	Pyrene	0	< 0.281			ug/L	1	0.281	0.281	0.562	U	12/18/2017 11:39	Sotruba	SW846 8270D	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	TOC-NPW-415.1	Total Organic Carbon	0.0004946	0.0004946			%	1	0.00005	0.00005	0.0001		11/17/2017 18:21	Arazo	EPA 415.1	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.17	GIC-AB-17-15-E	TPH-NPW-TX1005	TPH, C6-C35	0.7	< 3.22			mg/L	1	3.22	3.22	10	U	11/30/2017 23:15	Emiller	TCEQ 1005	Water	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.19	GIC-AB-17-02-S	%Moisture	% Moisture	63.9	63.9			%	1	0.01	0.01	1		12/29/2017 13:35	Mmartin	SM 2540 G	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.19	GIC-AB-17-02-S	%Sol	% Solids	36.1	36.1			%	1	0.01	0.01	1		11/10/2017 13:00	Arazo	SM 2540 G	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.19	GIC-AB-17-02-S	Cn-S&CM	Cyanide, Total	0	< 0.69	63.9	< 0.69	mg/kg dw	1	0.25	0.69	1.385	U	11/15/2017 21:40	Arazo	SW846 9014	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.19	GIC-AB-17-02-S	Cr III-S&CM	Trivalent Chromium	3.46	3.46	63.9	9.58	mg/kg dw	1	0.5	1.385	2.77		12/29/2017 13:36	Mmartin	Calculation	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.19	GIC-AB-17-02-S	Cr VI-S&CM	Chromium, Hexavalent	0	< 1.385	63.9	< 1.385	mg/kg dw	1	0.5	1.385	2.77	U	11/27/2017 19:14	Arazo	SW846 7196A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.19	GIC-AB-17-02-S	HG-S&CM	Mercury	0.008	< 0.028	63.9	< 0.028	mg/kg dw	1	0.01	0.028	0.055	U	11/20/2017 19:05	Sherandez	SW846 7471B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.19	GIC-AB-17-02-S	MET-S&CM-200.8	Antimony	0.0078	< 0.139	63.9	< 0.139	mg/kg dw	1	0.05	0.139	0.277	U	11/20/2017 15:51	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.19	GIC-AB-17-02-S	MET-S&CM-200.8	Arsenic	1.25	1.25	63.9	3.46	mg/kg dw	1	0.005	0.014	0.139		11/20/2017 15:51	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.19	GIC-AB-17-02-S	MET-S&CM-200.8	Beryllium	0.196	0.196	63.9	0.543	mg/kg dw	1	0.001	0.003	0.055		11/20/2017 15:51	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.19	GIC-AB-17-02-S	MET-S&CM-200.8	Cadmium	0.035	0.035	63.9	0.097	mg/kg dw	1	0.005	0.014	0.277	J	11/20/2017 15:51	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.19	GIC-AB-17-02-S	MET-S&CM-200.8	Chromium	3.46	3.46	63.9	9.58	mg/kg dw	1	0.015	0.042	0.831		11/20/2017 15:51	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.19	GIC-AB-17-02-S	MET-S&CM-200.8	Copper	1.93	1.93	63.9	5.35	mg/kg dw	1	0.02	0.055	0.554		11/20/2017 15:51	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.19	GIC-AB-17-02-S	MET-S&CM-200.8	Lead	3.28	3.28	63.9	9.09	mg/kg dw	1	0.005	0.014	0.139		11/20/2017 15:51	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.19	GIC-AB-17-02-S	MET-S&CM-200.8	Nickel	2.85	2.85	63.9	7.89	mg/kg dw	1	0.01	0.028	0.554		11/20/2017 15:51	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.19	GIC-AB-17-02-S	MET-S&CM-200.8	Selenium	0.473	0.473	63.9	1.31	mg/kg dw	1	0.1	0.277	0.554		11/20/2017 15:51	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.19	GIC-AB-17-02-S	MET-S&CM-200.8	Silver	0.012	0.012	63.9	0.0332	mg/kg dw	1	0.0025	0.0069	0.139	J	11/20/2017 15:51	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.19	GIC-AB-17-02-S	MET-S&CM-200.8	Thallium	0.04	0.04	63.9	0.1108	mg/kg dw	1	0.0025	0.0069	0.139	J	11/20/2017 15:51	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.19	GIC-AB-17-02-S	MET-S&CM-200.8	Zinc	9.57	9.57	63.9	26.51	mg/kg dw	1	0.1	0.277	0.554		11/20/2017 15:51	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.19	GIC-AB-17-02-S	NH3-N-T-S&CM-350	Ammonia as N	36	< 55.4	63.9	100	mg/kg dw	1	20	55.4	277	J	11/14/2017 10:19	Arazo	EPA 350.2	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.19	GIC-AB-17-02-S	OC-P-S&CM-8081	4,4-DDD	0	< 0.416	63.9	< 0.416	ug/kg dw	1	0.15	0.416	0.831	U	11/30/2017 04:23	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.19	GIC-AB-17-02-S	OC-P-S&CM-8081	4,4-DDE	0	< 0.416	63.9	< 0.416	ug/kg dw	1	0.15	0.416	0.831	U	11/30/2017 04:23	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.19	GIC-AB-17-02-S	OC-P-S&CM-8081	4,4-DDT	0	< 0.416	63.9	< 0.416	ug/kg dw	1	0.15	0.416	0.831	U	11/30/2017 04:23	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.19	GIC-AB-17-02-S	OC-P-S&CM-8081	a-BHC	0	< 0.416	63.9	< 0.416	ug/kg dw	1	0.15	0.416	0.831	U	11/30/2017 04:23	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.19	GIC-AB-17-02-S	OC-P-S&CM-8081	a-Chlordane	0	< 0.416	63.9	< 0.416	ug/kg dw	1	0.15	0.416	0.831	U	11/30/2017 04:23	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.19	GIC-AB-17-02-S	OC-P-S&CM-8081	Aldrin	0	< 0.416	63.9	< 0.416	ug/kg dw	1	0.15	0.416	0.831	U	11/30/2017 04:23	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.19	GIC-AB-17-02-S	OC-P-S&CM-8081	b-BHC	0	< 0.416	63.9	< 0.416	ug/kg dw	1	0.15	0.416	0.831	U	11/30/2017 04:23	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.19	GIC-AB-17-02-S	SVOA-S&CM-8270	Pyrene	0	< 3.46	63.9	< 3.46	ug/kg dw	1	1.25	3.46	6.93	U	11/30/2017 22:49	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.19	GIC-AB-17-02-S	TOC-S&CM	Total Organic Carbon	0.8511	0.8511	63.9	2.3576	%	1	0.025	0.069	0.14		11/21/2017 19:18	Arazo	SW846 9060A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.19	GIC-AB-17-02-S	TPH-S&CM-TX1005	TPH, C6-C35	5.09	< 27.7	63.9	< 27.7	mg/kg dw	1	10	27.7	138.5	U	11/22/2017 16:34	Emiller	TCEQ 1005	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	%Moisture	% Moisture	65.8	65.8			%	1	0.01	0.01	1		12/29/2017 13:35	Mmartin	SM 2540 G	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	%Sol	% Solids	34.2	34.2			%	1	0.01	0.01	1		11/10/2017 13:00	Arazo	SM 2540 G	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	Cn-S&CM	Cyanide, Total	0	< 0.73	65.8	< 0.73	mg/kg dw	1	0.25	0.73	1.462	U	11/15/2017 21:40	Arazo	SW846 9014	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	Cr III-S&CM	Trivalent Chromium	3.01	3.01	65.8	8.8	mg/kg dw	1	0.5	1.462	2.92		12/29/2017 13:36	Mmartin	Calculation	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	Cr VI-S&CM	Chromium, Hexavalent	0	< 1.462	65.8	< 1.462	mg/kg dw	1	0.5	1.462	2.92	U	11/27/2017 19:14	Arazo	SW846 7196A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	HG-S&CM	Mercury	0.008	< 0.029	65.8	< 0.029	mg/kg dw	1	0.01	0.029	0.058	U	11/20/2017 19:16	Sherandez	SW846 7471B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	MET-S&CM-200.8	Antimony	0.0052	< 0.146	65.8	< 0.146	mg/kg dw	1	0.05	0.146	0.292	U	11/20/2017 16:12	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	MET-S&CM-200.8	Arsenic	1.14	1.14	65.8	3.33	mg/kg dw	1	0.005	0.015	0.146		11/20/2017 16:12	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	MET-S&CM-200.8	Beryllium	0.159	0.159	65.8	0.465	mg/kg dw	1	0.001	0.003	0.058		11/20/2017 16:12	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	MET-S&CM-200.8	Cadmium	0.03	0.03	65.8	0.0877	mg/kg dw	1	0.005	0.015	0.292	J	11/20/2017 16:12	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	MET-S&CM-200.8	Chromium	3.01	3.01	65.8	8.8	mg/kg dw	1	0.015	0.044	0.877		11/20/2017 16:12	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	MET-S&CM-200.8	Copper	1.65	1.65	65.8	4.82	mg/kg dw	1	0.02	0.058	0.585		11/20/2017 16:12	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	MET-S&CM-200.8	Lead	2.8	2.8	65.8	8.19	mg/kg dw	1	0.005	0.015	0.146		11/20/2017 16:12	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	MET-S&CM-200.8	Nickel	2.36	2.36	65.8	6.9	mg/kg dw	1	0.01	0.029	0.585		11/20/2017 16:12	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	MET-S&CM-200.8	Selenium	0.449	0.449	65.8	1.313	mg/kg dw	1	0.1	0.292	0.585		11/20/2017 16:12	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	MET-S&CM-200.8	Silver	0.011	0.011	65.8	0.0322	mg/kg dw	1	0.0025	0.0073	0.146	J	11/20/2017 16:12	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	MET-S&CM-200.8	Thallium	0.039	0.039	65.8	0.114	mg/kg dw	1	0.0025	0.0073	0.146	J	11/20/2017 16:12	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	MET-S&CM-200.8	Zinc	8.15	8.15	65.8	23.83	mg/kg dw	1	0.1	0.292	0.585		11/20/2017 16:12	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	NH3-N-T-S&CM-350	Ammonia as N	28	< 58.5	65.8	82	mg/kg dw	1	20	58.5	292	J	11/14/2017 10:19	Arazo	EPA 350.2	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	OCP-S&CM-8081	4,4-DDD	0	< 0.439	65.8	< 0.439	ug/kg dw	1	0.15	0.439	0.877	U	11/30/2017 04:47	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	OCP-S&CM-8081	4,4-DDE	0	< 0.439	65.8	< 0.439	ug/kg dw	1	0.15	0.439	0.877	U	11/30/2017 04:47	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	OCP-S&CM-8081	4,4-DDT	0	< 0.439	65.8	< 0.439	ug/kg dw	1	0.15	0.439	0.877	U	11/30/2017 04:47	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	OCP-S&CM-8081	a-BHC	0	< 0.439	65.8	< 0.439	ug/kg dw	1	0.15	0.439	0.877	U	11/30/2017 04:47	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	OCP-S&CM-8081	a-Chlordane	0	< 0.439	65.8	< 0.439	ug/kg dw	1	0.15	0.439	0.877	U	11/30/2017 04:47	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	OCP-S&CM-8081	Aldrin	0	< 0.439	65.8	< 0.439	ug/kg dw	1	0.15	0.439	0.877	U	11/30/2017 04:47	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	OCP-S&CM-8081	b-BHC	0	< 0.439	65.8	< 0.439	ug/kg dw	1	0.15	0.439	0.877	U	11/30/2017 04:47	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	OCP-S&CM-8081	Chlordane	0	< 0.439	65.8	< 0.439	ug/kg dw	1	0.15	0.439	0.877	U	11/30/2017 04:47	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	OCP-S&CM-8081	d-BHC	0	< 0.439	65.8	< 0.439	ug/kg dw	1	0.15	0.439	0.877	U	11/30/2017 04:47	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	OCP-S&CM-8081	Dieldrin	0	< 0.439	65.8	< 0.439	ug/kg dw	1	0.15	0.439	0.877	U	11/30/2017 04:47	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	OCP-S&CM-8081	Endosulfan I	0	< 0.439	65.8	< 0.439	ug/kg dw	1	0.15	0.439	0.877	U	11/30/2017 04:47	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	OCP-S&CM-8081	Endosulfan II	0	< 0.439	65.8	< 0.439	ug/kg dw	1	0.15	0.439	0.877	U	11/30/2017 04:47	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	OCP-S&CM-8081	Endosulfan sulfate	0	< 0.439	65.8	< 0.439	ug/kg dw	1	0.15	0.439	0.877	U	11/30/2017 04:47	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	OCP-S&CM-8081	Endrin	0	< 0.439	65.8	< 0.439	ug/kg dw	1	0.15	0.439	0.877	U	11/30/2017 04:47	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	OCF-S&CM-8081	Endrin aldehyde	0	< 0.439	65.8	< 0.439	ug/kg dw	1	0.15	0.439	0.877	U	11/30/2017 04:47	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	OCF-S&CM-8081	Endrin ketone	0	< 0.439	65.8	< 0.439	ug/kg dw	1	0.15	0.439	0.877	U	11/30/2017 04:47	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	OCF-S&CM-8081	g-BHC	0	< 0.439	65.8	< 0.439	ug/kg dw	1	0.15	0.439	0.877	U	11/30/2017 04:47	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	OCF-S&CM-8081	Heptachlor	0	< 0.439	65.8	< 0.439	ug/kg dw	1	0.15	0.439	0.877	U	11/30/2017 04:47	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	OCF-S&CM-8081	Heptachlor epoxide	0	< 0.439	65.8	< 0.439	ug/kg dw	1	0.15	0.439	0.877	U	11/30/2017 04:47	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	OCF-S&CM-8081	Toxaphene	0	< 0.439	65.8	< 0.439	ug/kg dw	1	0.15	0.439	0.877	U	11/30/2017 04:47	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	OCF-S&CM-8081	γ-Chlordane	0	< 0.439	65.8	< 0.439	ug/kg dw	1	0.15	0.439	0.877	U	11/30/2017 04:47	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	PCB-S&CM-8082	Total PCBs	0	< 2.92	65.8	< 2.92	ug/kg dw	1	1	2.92	5.85	U	12/01/2017 03:22	Sotruba	SW846 8082A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	1,2,4-Trichlorobenzene	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	1,2-Dichlorobenzene	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	1,2-Diphenylhydrazine as Azobenzene	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	1,3-Dichlorobenzene	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	1,4-Dichlorobenzene	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	2,4,6-Trichlorophenol	0	< 7.31	65.8	< 7.31	ug/kg dw	1	2.5	7.31	14.62	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	2,4-Dichlorophenol	0	< 7.31	65.8	< 7.31	ug/kg dw	1	2.5	7.31	14.62	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	2,4-Dimethylphenol	0	< 7.31	65.8	< 7.31	ug/kg dw	1	2.5	7.31	14.62	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	2,4-Dinitrophenol	0	< 117.0	65.8	< 117.0	ug/kg dw	1	40	117	233.9	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	2,4-Dinitrotoluene	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	2,6-Dinitrotoluene	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	2-Chloronaphthalene	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	2-Chlorophenol	0	< 7.31	65.8	< 7.31	ug/kg dw	1	2.5	7.31	14.62	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	2-Nitrophenol	0	< 7.31	65.8	< 7.31	ug/kg dw	1	2.5	7.31	14.62	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	3,3-Dichlorobenzidine	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	4,6-Dinitro-2-methylphenol	0	< 29.2	65.8	< 29.2	ug/kg dw	1	10	29.2	58.5	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	4-Bromophenyl phenyl ether	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	4-Chloro-3-methylphenol	0	< 7.31	65.8	< 7.31	ug/kg dw	1	2.5	7.31	14.62	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	4-Chlorophenyl phenyl ether	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	4-Nitrophenol	0	< 7.31	65.8	< 7.31	ug/kg dw	1	2.5	7.31	14.62	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	Acenaphthene	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	Acenaphthylene	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	Anthracene	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	Benzidine	0	< 1.737	65.8	< 1.737	ug/kg dw	1	0.594	1.737	14.62	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	Benzo(a)anthracene	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	Benzo(a)pyrene	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	benzo(b&k)fluoranthene	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	Benzo(b)fluoranthene	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	Benzo(g,h,i)perylene	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	Benzo(k)fluoranthene	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	Bis(2-chloroethoxy) methane	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	Bis(2-chloroethyl) ether	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	Bis(2-chloroisopropyl) ether	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	Bis(2-ethylhexyl) phthalate	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	Butyl benzyl phthalate	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	Chrysene	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	Dibenzo(a,h)anthracene	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	Diethyl phthalate	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	Dimethyl phthalate	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	Di-n-butyl phthalate	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	Di-n-octyl Phthalate	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	Fluoranthene	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	Fluorene	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	Hexachlorobenzene	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	Hexachlorobutadiene	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	Hexachlorocyclopentadiene	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	Hexachloroethane	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	Indeno(1,2,3-cd)pyrene	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	Isophorone	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	Naphthalene	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	Nitrobenzene	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	n-Nitrosodimethylamine	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	n-nitroso-di-n-propylamine	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	n-Nitrosodiphenylamine	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	Pentachlorophenol	0	< 7.31	65.8	< 7.31	ug/kg dw	1	2.5	7.31	14.62	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	Phenanthrene	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	Phenol	0	< 7.31	65.8	< 7.31	ug/kg dw	1	2.5	7.31	14.62	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	SVOA-S&CM-8270	Pyrene	0	< 3.65	65.8	< 3.65	ug/kg dw	1	1.25	3.65	7.31	U	11/30/2017 23:25	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	TOC-S&CM	Total Organic Carbon	0.8692	0.8692	65.8	2.5415	%	1	0.025	0.073	0.15		11/21/2017 19:18	Arazo	SW846 9060A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.20	GIC-AB-17-03-S	TPH-S&CM-TX1005	TPH, C6-C35	4.92	< 29.2	65.8	< 29.2	mg/kg dw	1	10	29.2	146.2	U	11/22/2017 16:59	Emiller	TCEQ 1005	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	%Moisture	% Moisture	58.1	58.1			%	1	0.01	0.01	1		12/29/2017 13:35	Mmartin	SM 2540 G	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	%Sol	% Solids	41.9	41.9			%	1	0.01	0.01	1		11/10/2017 13:00	Arazo	SM 2540 G	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	Cn-S&CM	Cyanide, Total	0	< 0.60	58.1	< 0.60	mg/kg dw	1	0.25	0.6	1.193	U	11/15/2017 21:40	Arazo	SW846 9014	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	Cr III-S&CM	Trivalent Chromium	3.61	3.61	58.1	8.62	mg/kg dw	1	0.5	1.193	2.39		12/29/2017 13:36	Mmartin	Calculation	Sediment	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	Cr VI-S&CM	Chromium, Hexavalent	0	< 1.193	58.1	< 1.193	mg/kg dw	1	0.5	1.193	2.39	U	11/27/2017 19:14	Arazo	SW846 7196A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	HG-S&CM	Mercury	0.01	< 0.024	58.1	< 0.024	mg/kg dw	1	0.01	0.024	0.048	U	11/20/2017 19:19	Sherandez	SW846 7471B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	MET-S&CM-200.8	Antimony	0.0052	< 0.119	58.1	< 0.119	mg/kg dw	1	0.05	0.119	0.239	U	11/20/2017 16:17	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	MET-S&CM-200.8	Arsenic	1.29	1.29	58.1	3.08	mg/kg dw	1	0.005	0.012	0.119		11/20/2017 16:17	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	MET-S&CM-200.8	Beryllium	0.205	0.205	58.1	0.489	mg/kg dw	1	0.001	0.002	0.048		11/20/2017 16:17	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	MET-S&CM-200.8	Cadmium	0.036	0.036	58.1	0.0859	mg/kg dw	1	0.005	0.012	0.239	J	11/20/2017 16:17	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	MET-S&CM-200.8	Chromium	3.61	3.61	58.1	8.62	mg/kg dw	1	0.015	0.036	0.716		11/20/2017 16:17	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	MET-S&CM-200.8	Copper	2.14	2.14	58.1	5.11	mg/kg dw	1	0.02	0.048	0.477		11/20/2017 16:17	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	MET-S&CM-200.8	Lead	4.27	4.27	58.1	10.19	mg/kg dw	5	0.005	0.06	0.597		11/20/2017 16:22	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	MET-S&CM-200.8	Nickel	2.9	2.9	58.1	6.92	mg/kg dw	1	0.01	0.024	0.477		11/20/2017 16:17	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	MET-S&CM-200.8	Selenium	0.544	0.544	58.1	1.298	mg/kg dw	1	0.1	0.239	0.477		11/20/2017 16:17	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	MET-S&CM-200.8	Silver	0.013	0.013	58.1	0.031	mg/kg dw	1	0.0025	0.006	0.119	J	11/20/2017 16:17	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	MET-S&CM-200.8	Thallium	0.04	0.04	58.1	0.0955	mg/kg dw	1	0.0025	0.006	0.119	J	11/20/2017 16:17	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	MET-S&CM-200.8	Zinc	10	10	58.1	23.9	mg/kg dw	1	0.1	0.239	0.477		11/20/2017 16:17	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	NH3-N-T-S&CM-350	Ammonia as N	39	< 47.7	58.1	93	mg/kg dw	1	20	47.7	239	J	11/14/2017 10:19	Arazo	EPA 350.2	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	OC-P-S&CM-8081	4,4-DDD	0	< 0.358	58.1	< 0.358	ug/kg dw	1	0.15	0.358	0.716	U	11/30/2017 05:10	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	OC-P-S&CM-8081	4,4-DDE	0	< 0.358	58.1	< 0.358	ug/kg dw	1	0.15	0.358	0.716	U	11/30/2017 05:10	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	OC-P-S&CM-8081	4,4-DDT	0	< 0.358	58.1	< 0.358	ug/kg dw	1	0.15	0.358	0.716	U	11/30/2017 05:10	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	OC-P-S&CM-8081	a-BHC	0	< 0.358	58.1	< 0.358	ug/kg dw	1	0.15	0.358	0.716	U	11/30/2017 05:10	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	OC-P-S&CM-8081	a-Chlordane	0	< 0.358	58.1	< 0.358	ug/kg dw	1	0.15	0.358	0.716	U	11/30/2017 05:10	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	OC-P-S&CM-8081	Aldrin	0	< 0.358	58.1	< 0.358	ug/kg dw	1	0.15	0.358	0.716	U	11/30/2017 05:10	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	OC-P-S&CM-8081	b-BHC	0	< 0.358	58.1	< 0.358	ug/kg dw	1	0.15	0.358	0.716	U	11/30/2017 05:10	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	OC-P-S&CM-8081	Chlordane	0	< 0.358	58.1	< 0.358	ug/kg dw	1	0.15	0.358	0.716	U	11/30/2017 05:10	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	OC-P-S&CM-8081	d-BHC	0	< 0.358	58.1	< 0.358	ug/kg dw	1	0.15	0.358	0.716	U	11/30/2017 05:10	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	OC-P-S&CM-8081	Dieldrin	0	< 0.358	58.1	< 0.358	ug/kg dw	1	0.15	0.358	0.716	U	11/30/2017 05:10	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	OC-P-S&CM-8081	Endosulfan I	0	< 0.358	58.1	< 0.358	ug/kg dw	1	0.15	0.358	0.716	U	11/30/2017 05:10	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	OC-P-S&CM-8081	Endosulfan II	0	< 0.358	58.1	< 0.358	ug/kg dw	1	0.15	0.358	0.716	U	11/30/2017 05:10	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	OC-P-S&CM-8081	Endosulfan sulfate	0	< 0.358	58.1	< 0.358	ug/kg dw	1	0.15	0.358	0.716	U	11/30/2017 05:10	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	OC-P-S&CM-8081	Endrin	0	< 0.358	58.1	< 0.358	ug/kg dw	1	0.15	0.358	0.716	U	11/30/2017 05:10	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	OC-P-S&CM-8081	Endrin aldehyde	0	< 0.358	58.1	< 0.358	ug/kg dw	1	0.15	0.358	0.716	U	11/30/2017 05:10	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	OC-P-S&CM-8081	Endrin ketone	0	< 0.358	58.1	< 0.358	ug/kg dw	1	0.15	0.358	0.716	U	11/30/2017 05:10	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	OC-P-S&CM-8081	g-BHC	0	< 0.358	58.1	< 0.358	ug/kg dw	1	0.15	0.358	0.716	U	11/30/2017 05:10	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	OC-P-S&CM-8081	Heptachlor	0	< 0.358	58.1	< 0.358	ug/kg dw	1	0.15	0.358	0.716	U	11/30/2017 05:10	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	OC-P-S&CM-8081	Heptachlor epoxide	0	< 0.358	58.1	< 0.358	ug/kg dw	1	0.15	0.358	0.716	U	11/30/2017 05:10	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	OC-P-S&CM-8081	Toxaphene	0	< 0.358	58.1	< 0.358	ug/kg dw	1	0.15	0.358	0.716	U	11/30/2017 05:10	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	OC-P-S&CM-8081	γ-Chlordane	0	< 0.358	58.1	< 0.358	ug/kg dw	1	0.15	0.358	0.716	U	11/30/2017 05:10	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	PCB-S&CM-8082	Total PCBs	0	< 2.39	58.1	< 2.39	ug/kg dw	1	1	2.39	4.77	U	12/01/2017 03:46	Sotruba	SW846 8082A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	1,2,4-Trichlorobenzene	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	1,2-Dichlorobenzene	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	1,2-Diphenylhydrazine as Azobenzene	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	1,3-Dichlorobenzene	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	1,4-Dichlorobenzene	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	2,4,6-Trichlorophenol	0	< 5.97	58.1	< 5.97	ug/kg dw	1	2.5	5.97	11.93	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	2,4-Dichlorophenol	0	< 5.97	58.1	< 5.97	ug/kg dw	1	2.5	5.97	11.93	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	2,4-Dinitrophenol	0	< 95.5	58.1	< 95.5	ug/kg dw	1	40	95.5	190.9	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	2,4-Dinitrotoluene	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	2,6-Dinitrotoluene	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	2-Chloronaphthalene	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	2-Chlorophenol	0	< 5.97	58.1	< 5.97	ug/kg dw	1	2.5	5.97	11.93	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	2-Nitrophenol	0	< 5.97	58.1	< 5.97	ug/kg dw	1	2.5	5.97	11.93	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	3,3-Dichlorobenzidine	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	4,6-Dinitro-2-methylphenol	0	< 23.9	58.1	< 23.9	ug/kg dw	1	10	23.9	47.7	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	4-Bromophenyl phenyl ether	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	4-Chloro-3-methylphenol	0	< 5.97	58.1	< 5.97	ug/kg dw	1	2.5	5.97	11.93	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	4-Chlorophenyl phenyl ether	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	4-Nitrophenol	0	< 5.97	58.1	< 5.97	ug/kg dw	1	2.5	5.97	11.93	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	Acenaphthene	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	Acenaphthylene	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	Anthracene	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	Benzdine	0	< 1.418	58.1	< 1.418	ug/kg dw	1	0.594	1.418	11.93	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	Benzo(a)anthracene	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	Benzo(a)pyrene	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	benzo(b&k)fluoranthene	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	Benzo(b)fluoranthene	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	Benzo(g,h,i)perylene	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	Benzo(k)fluoranthene	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	Bis(2-chloroethoxy) methane	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	Bis(2-chloroethyl) ether	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	Bis(2-chloroisopropyl) ether	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	Bis(2-ethylhexyl) phthalate	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	Butyl benzyl phthalate	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	Chrysene	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	Dibenzo(a,h)anthracene	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	Diethyl phthalate	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	Dimethyl phthalate	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	Di-n-butyl phthalate	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	Di-n-octyl Phthalate	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	Fluoranthene	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	Fluorene	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	Hexachlorobenzene	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	Hexachlorobutadiene	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	Hexachlorocyclopentadiene	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	Hexachloroethane	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	Indeno(1,2,3-cd)pyrene	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	Isophorone	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	Naphthalene	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	Nitrobenzene	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	n-Nitrosodimethylamine	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	n-nitroso-di-n-propylamine	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	n-Nitrosodiphenylamine	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	Pentachlorophenol	0	< 5.97	58.1	< 5.97	ug/kg dw	1	2.5	5.97	11.93	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	Phenanthrene	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	Phenol	0	< 5.97	58.1	< 5.97	ug/kg dw	1	2.5	5.97	11.93	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	SVOA-S&CM-8270	Pyrene	0	< 2.98	58.1	< 2.98	ug/kg dw	1	1.25	2.98	5.97	U	12/01/2017 00:01	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	TOC-S&CM	Total Organic Carbon	0.9112	0.9112	58.1	2.1747	%	1	0.025	0.06	0.12		11/21/2017 19:18	Arazo	SW846 9060A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.21	GIC-AB-17-04-S	TPH-S&CM-TX1005	TPH, C6-C35	3.59	< 23.9	58.1	< 23.9	mg/kg dw	1	10	23.9	119.3	U	11/22/2017 17:24	Emiller	TCEQ 1005	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	%Moisture	% Moisture	74.7	74.7			%	1	0.01	0.01	1		12/29/2017 13:35	Mmartin	SM 2540 G	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	%Sol	% Solids	25.3	25.3			%	1	0.01	0.01	1		11/10/2017 13:00	Arazo	SM 2540 G	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	Cn-S&CM	Cyanide, Total	0	< 0.99	74.7	< 0.99	mg/kg dw	1	0.25	0.99	1.976	U	11/15/2017 21:40	Arazo	SW846 9014	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	Cr III-S&CM	Trivalent Chromium	3.63	3.63	74.7	14.35	mg/kg dw	1	0.5	1.976	3.95		12/29/2017 13:36	Mmartin	Calculation	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	Cr VI-S&CM	Chromium, Hexavalent	0	< 1.976	74.7	< 1.976	mg/kg dw	1	0.5	1.976	3.95	U	11/27/2017 19:14	Arazo	SW846 7196A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	HG-S&CM	Mercury	0.008	< 0.040	74.7	< 0.040	mg/kg dw	1	0.01	0.04	0.079	U	11/20/2017 19:22	Sherandez	SW846 7471B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	MET-S&CM-200.8	Antimony	0.0013	< 0.198	74.7	< 0.198	mg/kg dw	1	0.05	0.198	0.395	U	11/20/2017 16:28	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	MET-S&CM-200.8	Arsenic	0.962	0.962	74.7	3.802	mg/kg dw	1	0.005	0.02	0.198		11/20/2017 16:28	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	MET-S&CM-200.8	Beryllium	0.191	0.191	74.7	0.755	mg/kg dw	1	0.001	0.004	0.079		11/20/2017 16:28	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	MET-S&CM-200.8	Cadmium	0.031	0.031	74.7	0.1225	mg/kg dw	1	0.005	0.02	0.395	J	11/20/2017 16:28	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	MET-S&CM-200.8	Chromium	3.63	3.63	74.7	14.35	mg/kg dw	1	0.015	0.059	1.186		11/20/2017 16:28	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	MET-S&CM-200.8	Copper	1.9	1.9	74.7	7.51	mg/kg dw	1	0.02	0.079	0.791		11/20/2017 16:28	Cilies	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	MET-S&CM-200.8	Lead	4.07	4.07	74.7	16.09	mg/kg dw	5	0.005	0.099	0.988		11/20/2017 16:33	Cilies	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	MET-S&CM-200.8	Nickel	2.74	2.74	74.7	10.83	mg/kg dw	1	0.01	0.04	0.791		11/20/2017 16:28	Cilies	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	MET-S&CM-200.8	Selenium	0.465	0.465	74.7	1.838	mg/kg dw	1	0.1	0.395	0.791		11/20/2017 16:28	Cilies	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	MET-S&CM-200.8	Silver	0.012	0.012	74.7	0.0474	mg/kg dw	1	0.0025	0.0099	0.198	J	11/20/2017 16:28	Cilies	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	MET-S&CM-200.8	Thallium	0.041	< 0.0494	74.7	0.1621	mg/kg dw	5	0.0025	0.0494	0.988	J	11/20/2017 16:33	Cilies	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	MET-S&CM-200.8	Zinc	9.18	9.18	74.7	36.28	mg/kg dw	1	0.1	0.395	0.791		11/20/2017 16:28	Cilies	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	NH3-N-T-S&CM-350	Ammonia as N	36	< 79.1	74.7	142	mg/kg dw	1	20	79.1	395	J	11/14/2017 10:19	Arazo	EPA 350.2	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	OCP-S&CM-8081	4,4-DDD	0	< 0.593	74.7	< 0.593	ug/kg dw	1	0.15	0.593	1.186	U	11/30/2017 06:20	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	OCP-S&CM-8081	4,4-DDE	0	< 0.593	74.7	< 0.593	ug/kg dw	1	0.15	0.593	1.186	U	11/30/2017 06:20	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	OCP-S&CM-8081	4,4-DDT	0	< 0.593	74.7	< 0.593	ug/kg dw	1	0.15	0.593	1.186	U	11/30/2017 06:20	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	OCP-S&CM-8081	a-BHC	0	< 0.593	74.7	< 0.593	ug/kg dw	1	0.15	0.593	1.186	U	11/30/2017 06:20	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	OCP-S&CM-8081	a-Chlordane	0	< 0.593	74.7	< 0.593	ug/kg dw	1	0.15	0.593	1.186	U	11/30/2017 06:20	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	OCP-S&CM-8081	Aldrin	0	< 0.593	74.7	< 0.593	ug/kg dw	1	0.15	0.593	1.186	U	11/30/2017 06:20	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	OCP-S&CM-8081	b-BHC	0	< 0.593	74.7	< 0.593	ug/kg dw	1	0.15	0.593	1.186	U	11/30/2017 06:20	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	OCP-S&CM-8081	Chlordane	0	< 0.593	74.7	< 0.593	ug/kg dw	1	0.15	0.593	1.186	U	11/30/2017 06:20	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	OCP-S&CM-8081	d-BHC	0	< 0.593	74.7	< 0.593	ug/kg dw	1	0.15	0.593	1.186	U	11/30/2017 06:20	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	OCP-S&CM-8081	Dieldrin	0	< 0.593	74.7	< 0.593	ug/kg dw	1	0.15	0.593	1.186	U	11/30/2017 06:20	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	OCP-S&CM-8081	Endosulfan I	0	< 0.593	74.7	< 0.593	ug/kg dw	1	0.15	0.593	1.186	U	11/30/2017 06:20	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	OCP-S&CM-8081	Endosulfan II	0	< 0.593	74.7	< 0.593	ug/kg dw	1	0.15	0.593	1.186	U	11/30/2017 06:20	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	OCP-S&CM-8081	Endosulfan sulfate	0	< 0.593	74.7	< 0.593	ug/kg dw	1	0.15	0.593	1.186	U	11/30/2017 06:20	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	OCP-S&CM-8081	Endrin	0	< 0.593	74.7	< 0.593	ug/kg dw	1	0.15	0.593	1.186	U	11/30/2017 06:20	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	OCP-S&CM-8081	Endrin aldehyde	0	< 0.593	74.7	< 0.593	ug/kg dw	1	0.15	0.593	1.186	U	11/30/2017 06:20	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	OCP-S&CM-8081	Endrin ketone	0	< 0.593	74.7	< 0.593	ug/kg dw	1	0.15	0.593	1.186	U	11/30/2017 06:20	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	OCP-S&CM-8081	g-BHC	0	< 0.593	74.7	< 0.593	ug/kg dw	1	0.15	0.593	1.186	U	11/30/2017 06:20	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	OCP-S&CM-8081	Heptachlor	0	< 0.593	74.7	< 0.593	ug/kg dw	1	0.15	0.593	1.186	U	11/30/2017 06:20	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	OCP-S&CM-8081	Heptachlor epoxide	0	< 0.593	74.7	< 0.593	ug/kg dw	1	0.15	0.593	1.186	U	11/30/2017 06:20	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	OCP-S&CM-8081	Toxaphene	0	< 0.593	74.7	< 0.593	ug/kg dw	1	0.15	0.593	1.186	U	11/30/2017 06:20	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	OCP-S&CM-8081	γ-Chlordane	0	< 0.593	74.7	< 0.593	ug/kg dw	1	0.15	0.593	1.186	U	11/30/2017 06:20	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	PCB-S&CM-8082	Total PCBs	0	< 3.95	74.7	< 3.95	ug/kg dw	1	1	3.95	7.91	U	12/01/2017 04:10	Sotruba	SW846 8082A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	SVOA-S&CM-8270	1,2,4-Trichlorobenzene	0	< 4.94	74.7	< 4.94	ug/kg dw	1	1.25	4.94	9.88	U	12/01/2017 00:38	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	SVOA-S&CM-8270	1,2-Dichlorobenzene	0	< 4.94	74.7	< 4.94	ug/kg dw	1	1.25	4.94	9.88	U	12/01/2017 00:38	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	SVOA-S&CM-8270	1,2-Diphenylhydrazine as Azobenzene	0	< 4.94	74.7	< 4.94	ug/kg dw	1	1.25	4.94	9.88	U	12/01/2017 00:38	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	SVOA-S&CM-8270	1,3-Dichlorobenzene	0	< 4.94	74.7	< 4.94	ug/kg dw	1	1.25	4.94	9.88	U	12/01/2017 00:38	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	SVOA-S&CM-8270	1,4-Dichlorobenzene	0	< 4.94	74.7	< 4.94	ug/kg dw	1	1.25	4.94	9.88	U	12/01/2017 00:38	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	SVOA-S&CM-8270	2,4,6-Trichlorophenol	0	< 9.88	74.7	< 9.88	ug/kg dw	1	2.5	9.88	19.76	U	12/01/2017 00:38	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	SVOA-S&CM-8270	Fluorene	0	< 4.94	74.7	< 4.94	ug/kg dw	1	1.25	4.94	9.88	U	12/01/2017 00:38	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	SVOA-S&CM-8270	Hexachlorobenzene	0	< 4.94	74.7	< 4.94	ug/kg dw	1	1.25	4.94	9.88	U	12/01/2017 00:38	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	SVOA-S&CM-8270	Hexachlorobutadiene	0	< 4.94	74.7	< 4.94	ug/kg dw	1	1.25	4.94	9.88	U	12/01/2017 00:38	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	SVOA-S&CM-8270	Hexachlorocyclopentadiene	0	< 4.94	74.7	< 4.94	ug/kg dw	1	1.25	4.94	9.88	U	12/01/2017 00:38	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	SVOA-S&CM-8270	Hexachloroethane	0	< 4.94	74.7	< 4.94	ug/kg dw	1	1.25	4.94	9.88	U	12/01/2017 00:38	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	SVOA-S&CM-8270	Indeno(1,2,3-cd)pyrene	0	< 4.94	74.7	< 4.94	ug/kg dw	1	1.25	4.94	9.88	U	12/01/2017 00:38	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	SVOA-S&CM-8270	Isophorone	0	< 4.94	74.7	< 4.94	ug/kg dw	1	1.25	4.94	9.88	U	12/01/2017 00:38	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	SVOA-S&CM-8270	Naphthalene	0	< 4.94	74.7	< 4.94	ug/kg dw	1	1.25	4.94	9.88	U	12/01/2017 00:38	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	SVOA-S&CM-8270	Nitrobenzene	0	< 4.94	74.7	< 4.94	ug/kg dw	1	1.25	4.94	9.88	U	12/01/2017 00:38	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	SVOA-S&CM-8270	n-Nitrosodimethylamine	0	< 4.94	74.7	< 4.94	ug/kg dw	1	1.25	4.94	9.88	U	12/01/2017 00:38	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	SVOA-S&CM-8270	n-nitroso-di-n-propylamine	0	< 4.94	74.7	< 4.94	ug/kg dw	1	1.25	4.94	9.88	U	12/01/2017 00:38	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	SVOA-S&CM-8270	n-Nitrosodiphenylamine	0	< 4.94	74.7	< 4.94	ug/kg dw	1	1.25	4.94	9.88	U	12/01/2017 00:38	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	SVOA-S&CM-8270	Pentachlorophenol	0	< 9.88	74.7	< 9.88	ug/kg dw	1	2.5	9.88	19.76	U	12/01/2017 00:38	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	SVOA-S&CM-8270	Phenanthrene	0	< 4.94	74.7	< 4.94	ug/kg dw	1	1.25	4.94	9.88	U	12/01/2017 00:38	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	SVOA-S&CM-8270	Phenol	0	< 9.88	74.7	< 9.88	ug/kg dw	1	2.5	9.88	19.76	U	12/01/2017 00:38	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	SVOA-S&CM-8270	Pyrene	0	< 4.94	74.7	< 4.94	ug/kg dw	1	1.25	4.94	9.88	U	12/01/2017 00:38	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	TOC-S&CM	Total Organic Carbon	0.8374	0.8374	74.7	3.3099	%	1	0.025	0.099	0.2		11/21/2017 19:18	Arazo	SW846 9060A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.22	GIC-AB-17-05-S	TPH-S&CM-TX1005	TPH, C6-C35	2.86	< 39.5	74.7	< 39.5	mg/kg dw	1	10	39.5	197.6	U	11/22/2017 17:49	Emiller	TCEQ 1005	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	%Moisture	% Moisture	76.1	76.1			%	1	0.01	0.01	1		12/29/2017 13:35	Mmartin	SM 2540 G	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	%Sol	% Solids	23.9	23.9			%	1	0.01	0.01	1		11/10/2017 13:00	Arazo	SM 2540 G	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	Cn-S&CM	Cyanide, Total	0	< 1.05	76.1	< 1.05	mg/kg dw	1	0.25	1.05	2.092	U	11/15/2017 21:40	Arazo	SW846 9014	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	Cr III-S&CM	Trivalent Chromium	3.45	3.45	76.1	14.44	mg/kg dw	1	0.5	2.092	4.18		12/29/2017 13:36	Mmartin	Calculation	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	Cr VI-S&CM	Chromium, Hexavalent	0	< 2.092	76.1	< 2.092	mg/kg dw	1	0.5	2.092	4.18	U	11/27/2017 19:14	Arazo	SW846 7196A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	HG-S&CM	Mercury	0.008	< 0.042	76.1	< 0.042	mg/kg dw	1	0.01	0.042	0.084	U	11/20/2017 19:26	Shermandez	SW846 7471B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	MET-S&CM-200.8	Antimony	0.0011	< 0.209	76.1	< 0.209	mg/kg dw	1	0.05	0.209	0.418	U	11/20/2017 16:38	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	MET-S&CM-200.8	Arsenic	0.896	0.896	76.1	3.749	mg/kg dw	1	0.005	0.021	0.209		11/20/2017 16:38	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	MET-S&CM-200.8	Beryllium	0.188	0.188	76.1	0.787	mg/kg dw	1	0.001	0.004	0.084		11/20/2017 16:38	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	MET-S&CM-200.8	Cadmium	0.029	0.029	76.1	0.1213	mg/kg dw	1	0.005	0.021	0.418	J	11/20/2017 16:38	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	MET-S&CM-200.8	Chromium	3.45	3.45	76.1	14.44	mg/kg dw	1	0.015	0.063	1.255		11/20/2017 16:38	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	MET-S&CM-200.8	Copper	1.77	1.77	76.1	7.41	mg/kg dw	1	0.02	0.084	0.837		11/20/2017 16:38	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	MET-S&CM-200.8	Lead	3.79	3.79	76.1	15.86	mg/kg dw	5	0.005	0.105	1.046		11/20/2017 16:43	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	MET-S&CM-200.8	Nickel	2.58	2.58	76.1	10.79	mg/kg dw	1	0.01	0.042	0.837		11/20/2017 16:38	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	MET-S&CM-200.8	Selenium	0.433	0.433	76.1	1.812	mg/kg dw	1	0.1	0.418	0.837		11/20/2017 16:38	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	MET-S&CM-200.8	Silver	0.012	0.012	76.1	0.0502	mg/kg dw	1	0.0025	0.0105	0.209	J	11/20/2017 16:38	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	MET-S&CM-200.8	Thallium	0.04	< 0.0523	76.1	0.1674	mg/kg dw	5	0.0025	0.0523	1.046	J	11/20/2017 16:43	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	MET-S&CM-200.8	Zinc	8.65	8.65	76.1	36.19	mg/kg dw	1	0.1	0.418	0.837		11/20/2017 16:38	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	NH3-N-T-S&CM-350	Ammonia as N	38	< 83.7	76.1	159	mg/kg dw	1	20	83.7	418	J	11/14/2017 10:19	Arazo	EPA 350.2	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	OCF-S&CM-8081	4,4-DDD	0	< 0.628	76.1	< 0.628	ug/kg dw	1	0.15	0.628	1.255	U	11/30/2017 06:43	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	OCF-S&CM-8081	4,4-DDE	0	< 0.628	76.1	< 0.628	ug/kg dw	1	0.15	0.628	1.255	U	11/30/2017 06:43	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	OCF-S&CM-8081	4,4-DDT	0	< 0.628	76.1	< 0.628	ug/kg dw	1	0.15	0.628	1.255	U	11/30/2017 06:43	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	OCF-S&CM-8081	a-BHC	0	< 0.628	76.1	< 0.628	ug/kg dw	1	0.15	0.628	1.255	U	11/30/2017 06:43	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	OCF-S&CM-8081	a-Chlordane	0	< 0.628	76.1	< 0.628	ug/kg dw	1	0.15	0.628	1.255	U	11/30/2017 06:43	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	OCF-S&CM-8081	Aldrin	0	< 0.628	76.1	< 0.628	ug/kg dw	1	0.15	0.628	1.255	U	11/30/2017 06:43	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	OCF-S&CM-8081	b-BHC	0	< 0.628	76.1	< 0.628	ug/kg dw	1	0.15	0.628	1.255	U	11/30/2017 06:43	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	OCF-S&CM-8081	Chlordane	0	< 0.628	76.1	< 0.628	ug/kg dw	1	0.15	0.628	1.255	U	11/30/2017 06:43	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	OCF-S&CM-8081	d-BHC	0	< 0.628	76.1	< 0.628	ug/kg dw	1	0.15	0.628	1.255	U	11/30/2017 06:43	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	OCF-S&CM-8081	Dieldrin	0	< 0.628	76.1	< 0.628	ug/kg dw	1	0.15	0.628	1.255	U	11/30/2017 06:43	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	OCF-S&CM-8081	Endosulfan I	0	< 0.628	76.1	< 0.628	ug/kg dw	1	0.15	0.628	1.255	U	11/30/2017 06:43	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	OCF-S&CM-8081	Endosulfan II	0	< 0.628	76.1	< 0.628	ug/kg dw	1	0.15	0.628	1.255	U	11/30/2017 06:43	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	OCF-S&CM-8081	Endosulfan sulfate	0	< 0.628	76.1	< 0.628	ug/kg dw	1	0.15	0.628	1.255	U	11/30/2017 06:43	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	OCF-S&CM-8081	Endrin	0	< 0.628	76.1	< 0.628	ug/kg dw	1	0.15	0.628	1.255	U	11/30/2017 06:43	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	OCF-S&CM-8081	Endrin aldehyde	0	< 0.628	76.1	< 0.628	ug/kg dw	1	0.15	0.628	1.255	U	11/30/2017 06:43	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	OCF-S&CM-8081	Endrin ketone	0	< 0.628	76.1	< 0.628	ug/kg dw	1	0.15	0.628	1.255	U	11/30/2017 06:43	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	OCF-S&CM-8081	g-BHC	0	< 0.628	76.1	< 0.628	ug/kg dw	1	0.15	0.628	1.255	U	11/30/2017 06:43	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	OCF-S&CM-8081	Heptachlor	0	< 0.628	76.1	< 0.628	ug/kg dw	1	0.15	0.628	1.255	U	11/30/2017 06:43	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	OCF-S&CM-8081	Heptachlor epoxide	0	< 0.628	76.1	< 0.628	ug/kg dw	1	0.15	0.628	1.255	U	11/30/2017 06:43	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	OCF-S&CM-8081	Toxaphene	0	< 0.628	76.1	< 0.628	ug/kg dw	1	0.15	0.628	1.255	U	11/30/2017 06:43	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	OCF-S&CM-8081	γ-Chlordane	0	< 0.628	76.1	< 0.628	ug/kg dw	1	0.15	0.628	1.255	U	11/30/2017 06:43	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	PCB-S&CM-8082	Total PCBs	0	< 4.18	76.1	< 4.18	ug/kg dw	1	1	4.18	8.37	U	12/01/2017 04:35	Sotruba	SW846 8082A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	SVOA-S&CM-8270	1,2,4-Trichlorobenzene	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 01:14	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	SVOA-S&CM-8270	1,2-Dichlorobenzene	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 01:14	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	SVOA-S&CM-8270	1,2-Diphenylhydrazine as Azobenzene	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 01:14	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	SVOA-S&CM-8270	1,3-Dichlorobenzene	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 01:14	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	SVOA-S&CM-8270	1,4-Dichlorobenzene	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 01:14	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	SVOA-S&CM-8270	2,4,6-Trichlorophenol	0	< 10.46	76.1	< 10.46	ug/kg dw	1	2.5	10.46	20.92	U	12/01/2017 01:14	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	SVOA-S&CM-8270	2,4-Dichlorophenol	0	< 10.46	76.1	< 10.46	ug/kg dw	1	2.5	10.46	20.92	U	12/01/2017 01:14	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	SVOA-S&CM-8270	2,4-Dimethylphenol	0	< 10.46	76.1	< 10.46	ug/kg dw	1	2.5	10.46	20.92	U	12/01/2017 01:14	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	SVOA-S&CM-8270	2,4-Dinitrophenol	0	< 167.4	76.1	< 167.4	ug/kg dw	1	40	167.4	334.7	U	12/01/2017 01:14	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	SVOA-S&CM-8270	2,4-Dinitrotoluene	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 01:14	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	SVOA-S&CM-8270	2,6-Dinitrotoluene	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 01:14	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	SVOA-S&CM-8270	2-Chloronaphthalene	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 01:14	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	SVOA-S&CM-8270	2-Chlorophenol	0	< 10.46	76.1	< 10.46	ug/kg dw	1	2.5	10.46	20.92	U	12/01/2017 01:14	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	SVOA-S&CM-8270	Naphthalene	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 01:14	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	SVOA-S&CM-8270	Nitrobenzene	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 01:14	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	SVOA-S&CM-8270	n-Nitrosodimethylamine	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 01:14	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	SVOA-S&CM-8270	n-nitroso-di-n-propylamine	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 01:14	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	SVOA-S&CM-8270	n-Nitrosodiphenylamine	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 01:14	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	SVOA-S&CM-8270	Pentachlorophenol	0	< 10.46	76.1	< 10.46	ug/kg dw	1	2.5	10.46	20.92	U	12/01/2017 01:14	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	SVOA-S&CM-8270	Phenanthrene	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 01:14	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	SVOA-S&CM-8270	Phenol	0	< 10.46	76.1	< 10.46	ug/kg dw	1	2.5	10.46	20.92	U	12/01/2017 01:14	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	SVOA-S&CM-8270	Pyrene	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 01:14	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	TOC-S&CM	Total Organic Carbon	0.8692	0.8692	76.1	3.6368	%	1	0.025	0.105	0.21		11/21/2017 19:18	Arazo	SW846 9060A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.23	GIC-AB-17-06-S	TPH-S&CM-TX1005	TPH, C6-C35	2.8	< 41.8	76.1	< 41.8	mg/kg dw	1	10	41.8	209.2	U	11/22/2017 18:14	Emiller	TCEQ 1005	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.24	GIC-AB-17-07-S	%Moisture	% Moisture	74.9	74.9			%	1	0.01	0.01	1		12/29/2017 13:35	Mmartin	SM 2540 G	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.24	GIC-AB-17-07-S	%Sol	% Solids	25.1	25.1			%	1	0.01	0.01	1		11/10/2017 13:00	Arazo	SM 2540 G	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.24	GIC-AB-17-07-S	Cn-S&CM	Cyanide, Total	0	< 1.00	74.9	< 1.00	mg/kg dw	1	0.25	1	1.992	U	11/15/2017 21:40	Arazo	SW846 9014	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.24	GIC-AB-17-07-S	Cr III-S&CM	Trivalent Chromium	3.5	3.5	74.9	13.9	mg/kg dw	1	0.5	1.992	3.98		12/29/2017 13:36	Mmartin	Calculation	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.24	GIC-AB-17-07-S	Cr VI-S&CM	Chromium, Hexavalent	0	< 1.992	74.9	< 1.992	mg/kg dw	1	0.5	1.992	3.98	U	11/27/2017 19:14	Arazo	SW846 7196A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.24	GIC-AB-17-07-S	HG-S&CM	Mercury	0.008	< 0.040	74.9	< 0.040	mg/kg dw	1	0.01	0.04	0.08	U	11/20/2017 19:36	Sherandez	SW846 7471B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.24	GIC-AB-17-07-S	MET-S&CM-200.8	Antimony	0.0028	< 0.199	74.9	< 0.199	mg/kg dw	1	0.05	0.199	0.398	U	11/20/2017 17:10	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.24	GIC-AB-17-07-S	MET-S&CM-200.8	Arsenic	0.913	0.913	74.9	3.637	mg/kg dw	1	0.005	0.02	0.199		11/20/2017 17:10	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.24	GIC-AB-17-07-S	MET-S&CM-200.8	Beryllium	0.202	0.202	74.9	0.805	mg/kg dw	1	0.001	0.004	0.08		11/20/2017 17:10	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.24	GIC-AB-17-07-S	MET-S&CM-200.8	Cadmium	0.03	0.03	74.9	0.1195	mg/kg dw	1	0.005	0.02	0.398	J	11/20/2017 17:10	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.24	GIC-AB-17-07-S	MET-S&CM-200.8	Chromium	3.5	3.5	74.9	13.94	mg/kg dw	1	0.015	0.06	1.195		11/20/2017 17:10	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.24	GIC-AB-17-07-S	MET-S&CM-200.8	Copper	1.85	1.85	74.9	7.37	mg/kg dw	1	0.02	0.08	0.797		11/20/2017 17:10	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.24	GIC-AB-17-07-S	MET-S&CM-200.8	Lead	4.01	4.01	74.9	15.98	mg/kg dw	5	0.005	0.1	0.996		11/20/2017 17:15	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.24	GIC-AB-17-07-S	MET-S&CM-200.8	Nickel	2.67	2.67	74.9	10.64	mg/kg dw	1	0.01	0.04	0.797		11/20/2017 17:10	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.24	GIC-AB-17-07-S	MET-S&CM-200.8	Selenium	0.448	0.448	74.9	1.785	mg/kg dw	1	0.1	0.398	0.797		11/20/2017 17:10	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.24	GIC-AB-17-07-S	MET-S&CM-200.8	Silver	0.012	0.012	74.9	0.0478	mg/kg dw	1	0.0025	0.01	0.199	J	11/20/2017 17:10	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.24	GIC-AB-17-07-S	MET-S&CM-200.8	Thallium	0.039	< 0.0498	74.9	0.1554	mg/kg dw	5	0.0025	0.0498	0.996	J	11/20/2017 17:15	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.24	GIC-AB-17-07-S	MET-S&CM-200.8	Zinc	8.93	8.93	74.9	35.58	mg/kg dw	1	0.1	0.398	0.797		11/20/2017 17:10	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.24	GIC-AB-17-07-S	NH3-N-T-S&CM-350	Ammonia as N	37	< 79.7	74.9	147	mg/kg dw	1	20	79.7	398	J	11/14/2017 10:19	Arazo	EPA 350.2	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.24	GIC-AB-17-07-S	OCF-S&CM-8081	4,4-DDD	0	< 0.598	74.9	< 0.598	ug/kg dw	1	0.15	0.598	1.195	U	11/30/2017 07:07	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.24	GIC-AB-17-07-S	OCF-S&CM-8081	4,4-DDE	0	< 0.598	74.9	< 0.598	ug/kg dw	1	0.15	0.598	1.195	U	11/30/2017 07:07	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.24	GIC-AB-17-07-S	OCF-S&CM-8081	4,4-DDT	0	< 0.598	74.9	< 0.598	ug/kg dw	1	0.15	0.598	1.195	U	11/30/2017 07:07	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.24	GIC-AB-17-07-S	OCF-S&CM-8081	a-BHC	0	< 0.598	74.9	< 0.598	ug/kg dw	1	0.15	0.598	1.195	U	11/30/2017 07:07	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.24	GIC-AB-17-07-S	OCF-S&CM-8081	a-Chlordane	0	< 0.598	74.9	< 0.598	ug/kg dw	1	0.15	0.598	1.195	U	11/30/2017 07:07	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.24	GIC-AB-17-07-S	OCF-S&CM-8081	Aldrin	0	< 0.598	74.9	< 0.598	ug/kg dw	1	0.15	0.598	1.195	U	11/30/2017 07:07	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.24	GIC-AB-17-07-S	SVOA-S&CM-8270	Phenol	0	< 9.96	74.9	< 9.96	ug/kg dw	1	2.5	9.96	19.92	U	12/01/2017 01:50	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.24	GIC-AB-17-07-S	SVOA-S&CM-8270	Pyrene	0	< 4.98	74.9	< 4.98	ug/kg dw	1	1.25	4.98	9.96	U	12/01/2017 01:50	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.24	GIC-AB-17-07-S	TOC-S&CM	Total Organic Carbon	0.9344	0.9344	74.9	3.7227	%	1	0.025	0.1	0.2		11/21/2017 19:18	Arazo	SW846 9060A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.24	GIC-AB-17-07-S	TPH-S&CM-TX1005	TPH, C6-C35	3.3	< 39.8	74.9	< 39.8	mg/kg dw	1	10	39.8	199.2	U	11/22/2017 19:05	Emiller	TCEQ 1005	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	%Moisture	% Moisture	74.5	74.5			%	1	0.01	0.01	1		12/29/2017 13:35	Mmartin	SM 2540 G	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	%Sol	% Solids	25.5	25.5			%	1	0.01	0.01	1		11/10/2017 13:00	Arazo	SM 2540 G	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	Cn-S&CM	Cyanide, Total	0	< 0.98	74.5	< 0.98	mg/kg dw	1	0.25	0.98	1.961	U	11/15/2017 21:40	Arazo	SW846 9014	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	Cr III-S&CM	Trivalent Chromium	3.51	3.51	74.5	13.76	mg/kg dw	1	0.5	1.961	3.92		12/29/2017 13:36	Mmartin	Calculation	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	Cr VI-S&CM	Chromium, Hexavalent	0	< 1.961	74.5	< 1.961	mg/kg dw	1	0.5	1.961	3.92	U	11/27/2017 19:14	Arazo	SW846 7196A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	HG-S&CM	Mercury	0.008	< 0.039	74.5	< 0.039	mg/kg dw	1	0.01	0.039	0.078	U	11/20/2017 19:39	Sherandez	SW846 7471B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	MET-S&CM-200.8	Antimony	0.0024	< 0.196	74.5	< 0.196	mg/kg dw	1	0.05	0.196	0.392	U	11/20/2017 17:20	Cilies	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	MET-S&CM-200.8	Arsenic	0.902	0.902	74.5	3.537	mg/kg dw	1	0.005	0.02	0.196		11/20/2017 17:20	Cilies	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	MET-S&CM-200.8	Beryllium	0.197	0.197	74.5	0.773	mg/kg dw	1	0.001	0.004	0.078		11/20/2017 17:20	Cilies	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	MET-S&CM-200.8	Cadmium	0.033	0.033	74.5	0.1294	mg/kg dw	1	0.005	0.02	0.392	J	11/20/2017 17:20	Cilies	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	MET-S&CM-200.8	Chromium	3.51	3.51	74.5	13.76	mg/kg dw	1	0.015	0.059	1.176		11/20/2017 17:20	Cilies	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	MET-S&CM-200.8	Copper	1.92	1.92	74.5	7.53	mg/kg dw	1	0.02	0.078	0.784		11/20/2017 17:20	Cilies	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	MET-S&CM-200.8	Lead	4.07	4.07	74.5	15.96	mg/kg dw	5	0.005	0.098	0.98		11/20/2017 17:25	Cilies	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	MET-S&CM-200.8	Nickel	2.67	2.67	74.5	10.47	mg/kg dw	1	0.01	0.039	0.784		11/20/2017 17:20	Cilies	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	MET-S&CM-200.8	Selenium	0.473	0.473	74.5	1.855	mg/kg dw	1	0.1	0.392	0.784		11/20/2017 17:20	Cilies	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	MET-S&CM-200.8	Silver	0.013	0.013	74.5	0.051	mg/kg dw	1	0.0025	0.0098	0.196	J	11/20/2017 17:20	Cilies	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	MET-S&CM-200.8	Thallium	0.04	< 0.0490	74.5	0.1569	mg/kg dw	5	0.0025	0.049	0.98	J	11/20/2017 17:25	Cilies	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	MET-S&CM-200.8	Zinc	8.97	8.97	74.5	35.18	mg/kg dw	1	0.1	0.392	0.784		11/20/2017 17:20	Cilies	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	NH3-N-T-S&CM-350	Ammonia as N	38	< 78.4	74.5	149	mg/kg dw	1	20	78.4	392	J	11/14/2017 10:19	Arazo	EPA 350.2	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	OCP-S&CM-8081	4,4-DDD	0	< 0.588	74.5	< 0.588	ug/kg dw	1	0.15	0.588	1.176	U	11/30/2017 07:30	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	OCP-S&CM-8081	4,4-DDE	0	< 0.588	74.5	< 0.588	ug/kg dw	1	0.15	0.588	1.176	U	11/30/2017 07:30	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	OCP-S&CM-8081	4,4-DDT	0	< 0.588	74.5	< 0.588	ug/kg dw	1	0.15	0.588	1.176	U	11/30/2017 07:30	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	OCP-S&CM-8081	a-BHC	0	< 0.588	74.5	< 0.588	ug/kg dw	1	0.15	0.588	1.176	U	11/30/2017 07:30	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	OCP-S&CM-8081	a-Chlordane	0	< 0.588	74.5	< 0.588	ug/kg dw	1	0.15	0.588	1.176	U	11/30/2017 07:30	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	OCP-S&CM-8081	Aldrin	0	< 0.588	74.5	< 0.588	ug/kg dw	1	0.15	0.588	1.176	U	11/30/2017 07:30	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	OCP-S&CM-8081	b-BHC	0	< 0.588	74.5	< 0.588	ug/kg dw	1	0.15	0.588	1.176	U	11/30/2017 07:30	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	OCP-S&CM-8081	Chlordane	0	< 0.588	74.5	< 0.588	ug/kg dw	1	0.15	0.588	1.176	U	11/30/2017 07:30	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	OCP-S&CM-8081	d-BHC	0	< 0.588	74.5	< 0.588	ug/kg dw	1	0.15	0.588	1.176	U	11/30/2017 07:30	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	OCP-S&CM-8081	Dieldrin	0	< 0.588	74.5	< 0.588	ug/kg dw	1	0.15	0.588	1.176	U	11/30/2017 07:30	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	OCP-S&CM-8081	Endosulfan I	0	< 0.588	74.5	< 0.588	ug/kg dw	1	0.15	0.588	1.176	U	11/30/2017 07:30	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	OCP-S&CM-8081	Endosulfan II	0	< 0.588	74.5	< 0.588	ug/kg dw	1	0.15	0.588	1.176	U	11/30/2017 07:30	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	OCP-S&CM-8081	Endosulfan sulfate	0	< 0.588	74.5	< 0.588	ug/kg dw	1	0.15	0.588	1.176	U	11/30/2017 07:30	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	OCF-S&CM-8081	Endrin	0	< 0.588	74.5	< 0.588	ug/kg dw	1	0.15	0.588	1.176	U	11/30/2017 07:30	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	OCF-S&CM-8081	Endrin aldehyde	0	< 0.588	74.5	< 0.588	ug/kg dw	1	0.15	0.588	1.176	U	11/30/2017 07:30	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	OCF-S&CM-8081	Endrin ketone	0	< 0.588	74.5	< 0.588	ug/kg dw	1	0.15	0.588	1.176	U	11/30/2017 07:30	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	OCF-S&CM-8081	g-BHC	0	< 0.588	74.5	< 0.588	ug/kg dw	1	0.15	0.588	1.176	U	11/30/2017 07:30	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	OCF-S&CM-8081	Heptachlor	0	< 0.588	74.5	< 0.588	ug/kg dw	1	0.15	0.588	1.176	U	11/30/2017 07:30	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	OCF-S&CM-8081	Heptachlor epoxide	0.1558	< 0.588	74.5	0.611	ug/kg dw	1	0.15	0.588	1.176	J, P	11/30/2017 07:30	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	OCF-S&CM-8081	Toxaphene	0	< 0.588	74.5	< 0.588	ug/kg dw	1	0.15	0.588	1.176	U	11/30/2017 07:30	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	OCF-S&CM-8081	γ-Chlordane	0	< 0.588	74.5	< 0.588	ug/kg dw	1	0.15	0.588	1.176	U	11/30/2017 07:30	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	PCB-S&CM-8082	Total PCBs	0	< 3.92	74.5	< 3.92	ug/kg dw	1	1	3.92	7.84	U	12/01/2017 05:47	Sotruba	SW846 8082A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	1,2,4-Trichlorobenzene	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	1,2-Dichlorobenzene	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	1,2-Diphenylhydrazine as Azobenzene	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	1,3-Dichlorobenzene	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	1,4-Dichlorobenzene	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	2,4,6-Trichlorophenol	0	< 9.80	74.5	< 9.80	ug/kg dw	1	2.5	9.8	19.61	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	2,4-Dichlorophenol	0	< 9.80	74.5	< 9.80	ug/kg dw	1	2.5	9.8	19.61	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	2,4-Dimethylphenol	0	< 9.80	74.5	< 9.80	ug/kg dw	1	2.5	9.8	19.61	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	2,4-Dinitrophenol	0	< 156.9	74.5	< 156.9	ug/kg dw	1	40	156.9	313.7	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	2,4-Dinitrotoluene	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	2,6-Dinitrotoluene	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	2-Chloronaphthalene	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	2-Chlorophenol	0	< 9.80	74.5	< 9.80	ug/kg dw	1	2.5	9.8	19.61	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	2-Nitrophenol	0	< 9.80	74.5	< 9.80	ug/kg dw	1	2.5	9.8	19.61	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	3,3-Dichlorobenzidine	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	4,6-Dinitro-2-methylphenol	0	< 39.2	74.5	< 39.2	ug/kg dw	1	10	39.2	78.4	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	4-Bromophenyl phenyl ether	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	4-Chloro-3-methylphenol	0	< 9.80	74.5	< 9.80	ug/kg dw	1	2.5	9.8	19.61	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	4-Chlorophenyl phenyl ether	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	4-Nitrophenol	0	< 9.80	74.5	< 9.80	ug/kg dw	1	2.5	9.8	19.61	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	Acenaphthene	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	Acenaphthylene	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	Anthracene	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	Benidine	0	< 2.329	74.5	< 2.329	ug/kg dw	1	0.594	2.329	19.61	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	Benzo(a)anthracene	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	Benzo(a)pyrene	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	benzo(b&k)fluoranthene	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	Benzo(b)fluoranthene	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	Benzo(g,h,i)perylene	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	Benzo(k)fluoranthene	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	Bis(2-chloroethoxy) methane	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	Bis(2-chloroethyl) ether	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	Bis(2-chloroisopropyl) ether	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	Bis(2-ethylhexyl) phthalate	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	Butyl benzyl phthalate	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	Chrysene	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	Dibenzo(a,h)anthracene	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	Diethyl phthalate	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	Dimethyl phthalate	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	Di-n-butyl phthalate	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	Di-n-octyl Phthalate	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	Fluoranthene	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	Fluorene	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	Hexachlorobenzene	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	Hexachlorobutadiene	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	Hexachlorocyclopentadiene	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	Hexachloroethane	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	Indeno(1,2,3-cd)pyrene	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	Isophorone	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	Naphthalene	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	Nitrobenzene	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	n-Nitrosodimethylamine	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	n-nitroso-di-n-propylamine	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	n-Nitrosodiphenylamine	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	Pentachlorophenol	0	< 9.80	74.5	< 9.80	ug/kg dw	1	2.5	9.8	19.61	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	Phenanthrene	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	Phenol	0	< 9.80	74.5	< 9.80	ug/kg dw	1	2.5	9.8	19.61	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	SVOA-S&CM-8270	Pyrene	0	< 4.90	74.5	< 4.90	ug/kg dw	1	1.25	4.9	9.8	U	12/01/2017 02:26	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	TOC-S&CM	Total Organic Carbon	0.8421	0.8421	74.5	3.3024	%	1	0.025	0.098	0.2		11/21/2017 19:18	Arazo	SW846 9060A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.25	GIC-AB-17-08-S	TPH-S&CM-TX1005	TPH, C6-C35	3.52	< 39.2	74.5	< 39.2	mg/kg dw	1	10	39.2	196.1	U	11/30/2017 12:12	Emiller	TCEQ 1005	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	%Moisture	% Moisture	74.3	74.3			%	1	0.01	0.01	1		12/29/2017 13:35	Mmartin	SM 2540 G	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	%Sol	% Solids	25.7	25.7			%	1	0.01	0.01	1		11/10/2017 13:00	Arazo	SM 2540 G	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	Cn-S&CM	Cyanide, Total	0	< 0.97	74.3	< 0.97	mg/kg dw	1	0.25	0.97	1.946	U	11/15/2017 21:40	Arazo	SW846 9014	Sediment	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	Cr III-S&CM	Trivalent Chromium	3.73	3.73	74.3	14.51	mg/kg dw	1	0.5	1.946	3.89		12/29/2017 13:36	Mmartin	Calculation	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	Cr VI-S&CM	Chromium, Hexavalent	0	< 1.946	74.3	< 1.946	mg/kg dw	1	0.5	1.946	3.89	U	11/27/2017 19:14	Arazo	SW846 7196A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	HG-S&CM	Mercury	0.009	< 0.039	74.3	< 0.039	mg/kg dw	1	0.01	0.039	0.078	U	11/20/2017 19:42	Sherandez	SW846 7471B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	MET-S&CM-200.8	Antimony	0.0016	< 0.195	74.3	< 0.195	mg/kg dw	1	0.05	0.195	0.389	U	11/20/2017 17:30	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	MET-S&CM-200.8	Arsenic	1.05	1.05	74.3	4.09	mg/kg dw	1	0.005	0.019	0.195		11/20/2017 17:30	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	MET-S&CM-200.8	Beryllium	0.205	0.205	74.3	0.798	mg/kg dw	1	0.001	0.004	0.078		11/20/2017 17:30	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	MET-S&CM-200.8	Cadmium	0.037	0.037	74.3	0.144	mg/kg dw	1	0.005	0.019	0.389	J	11/20/2017 17:30	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	MET-S&CM-200.8	Chromium	3.73	3.73	74.3	14.51	mg/kg dw	1	0.015	0.058	1.167		11/20/2017 17:30	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	MET-S&CM-200.8	Copper	2.08	2.08	74.3	8.09	mg/kg dw	1	0.02	0.078	0.778		11/20/2017 17:30	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	MET-S&CM-200.8	Lead	4.1	4.1	74.3	15.95	mg/kg dw	5	0.005	0.097	0.973		11/20/2017 17:35	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	MET-S&CM-200.8	Nickel	2.79	2.79	74.3	10.86	mg/kg dw	1	0.01	0.039	0.778		11/20/2017 17:30	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	MET-S&CM-200.8	Selenium	0.499	0.499	74.3	1.942	mg/kg dw	1	0.1	0.389	0.778		11/20/2017 17:30	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	MET-S&CM-200.8	Silver	0.013	0.013	74.3	0.0506	mg/kg dw	1	0.0025	0.0097	0.195	J	11/20/2017 17:30	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	MET-S&CM-200.8	Thallium	0.043	< 0.0486	74.3	0.1673	mg/kg dw	5	0.0025	0.0486	0.973	J	11/20/2017 17:35	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	MET-S&CM-200.8	Zinc	9.6	9.6	74.3	37.35	mg/kg dw	1	0.1	0.389	0.778		11/20/2017 17:30	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	NH3-N-T-S&CM-350	Ammonia as N	48	< 77.8	74.3	187	mg/kg dw	1	20	77.8	389	J	11/14/2017 10:19	Arazo	EPA 350.2	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	OC-P-S&CM-8081	4,4-DDD	0	< 0.584	74.3	< 0.584	ug/kg dw	1	0.15	0.584	1.167	U	11/30/2017 07:54	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	OC-P-S&CM-8081	4,4-DDE	0	< 0.584	74.3	< 0.584	ug/kg dw	1	0.15	0.584	1.167	U	11/30/2017 07:54	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	OC-P-S&CM-8081	4,4-DDT	0	< 0.584	74.3	< 0.584	ug/kg dw	1	0.15	0.584	1.167	U	11/30/2017 07:54	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	OC-P-S&CM-8081	a-BHC	0	< 0.584	74.3	< 0.584	ug/kg dw	1	0.15	0.584	1.167	U	11/30/2017 07:54	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	OC-P-S&CM-8081	a-Chlordane	0	< 0.584	74.3	< 0.584	ug/kg dw	1	0.15	0.584	1.167	U	11/30/2017 07:54	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	OC-P-S&CM-8081	Aldrin	0	< 0.584	74.3	< 0.584	ug/kg dw	1	0.15	0.584	1.167	U	11/30/2017 07:54	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	OC-P-S&CM-8081	b-BHC	0	< 0.584	74.3	< 0.584	ug/kg dw	1	0.15	0.584	1.167	U	11/30/2017 07:54	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	OC-P-S&CM-8081	Chlordane	0	< 0.584	74.3	< 0.584	ug/kg dw	1	0.15	0.584	1.167	U	11/30/2017 07:54	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	OC-P-S&CM-8081	d-BHC	0	< 0.584	74.3	< 0.584	ug/kg dw	1	0.15	0.584	1.167	U	11/30/2017 07:54	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	OC-P-S&CM-8081	Dieldrin	0	< 0.584	74.3	< 0.584	ug/kg dw	1	0.15	0.584	1.167	U	11/30/2017 07:54	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	OC-P-S&CM-8081	Endosulfan I	0	< 0.584	74.3	< 0.584	ug/kg dw	1	0.15	0.584	1.167	U	11/30/2017 07:54	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	OC-P-S&CM-8081	Endosulfan II	0	< 0.584	74.3	< 0.584	ug/kg dw	1	0.15	0.584	1.167	U	11/30/2017 07:54	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	OC-P-S&CM-8081	Endosulfan sulfate	0	< 0.584	74.3	< 0.584	ug/kg dw	1	0.15	0.584	1.167	U	11/30/2017 07:54	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	OC-P-S&CM-8081	Endrin	0	< 0.584	74.3	< 0.584	ug/kg dw	1	0.15	0.584	1.167	U	11/30/2017 07:54	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	OC-P-S&CM-8081	Endrin aldehyde	0	< 0.584	74.3	< 0.584	ug/kg dw	1	0.15	0.584	1.167	U	11/30/2017 07:54	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	OC-P-S&CM-8081	Endrin ketone	0	< 0.584	74.3	< 0.584	ug/kg dw	1	0.15	0.584	1.167	U	11/30/2017 07:54	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	OC-P-S&CM-8081	g-BHC	0	< 0.584	74.3	< 0.584	ug/kg dw	1	0.15	0.584	1.167	U	11/30/2017 07:54	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	OC-P-S&CM-8081	Heptachlor	0	< 0.584	74.3	< 0.584	ug/kg dw	1	0.15	0.584	1.167	U	11/30/2017 07:54	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	OC-P-S&CM-8081	Heptachlor epoxide	0.1549	< 0.584	74.3	0.6027	ug/kg dw	1	0.15	0.584	1.167	J, P	11/30/2017 07:54	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	OC-P-S&CM-8081	Toxaphene	0	< 0.584	74.3	< 0.584	ug/kg dw	1	0.15	0.584	1.167	U	11/30/2017 07:54	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	OCPC-S&CM-8081	γ-Chlordane	0	< 0.584	74.3	< 0.584	ug/kg dw	1	0.15	0.584	1.167	U	11/30/2017 07:54	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	PCB-S&CM-8082	Total PCBs	0	< 3.89	74.3	< 3.89	ug/kg dw	1	1	3.89	7.78	U	12/01/2017 06:11	Sotruba	SW846 8082A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	1,2,4-Trichlorobenzene	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	1,2-Dichlorobenzene	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	1,2-Diphenylhydrazine as Azobenzene	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	1,3-Dichlorobenzene	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	1,4-Dichlorobenzene	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	2,4,6-Trichlorophenol	0	< 9.73	74.3	< 9.73	ug/kg dw	1	2.5	9.73	19.46	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	2,4-Dichlorophenol	0	< 9.73	74.3	< 9.73	ug/kg dw	1	2.5	9.73	19.46	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	2,4-Dimethylphenol	0	< 9.73	74.3	< 9.73	ug/kg dw	1	2.5	9.73	19.46	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	2,4-Dinitrophenol	0	< 155.6	74.3	< 155.6	ug/kg dw	1	40	155.6	311.3	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	2,4-Dinitrotoluene	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	2,6-Dinitrotoluene	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	2-Chloronaphthalene	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	2-Chlorophenol	0	< 9.73	74.3	< 9.73	ug/kg dw	1	2.5	9.73	19.46	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	2-Nitrophenol	0	< 9.73	74.3	< 9.73	ug/kg dw	1	2.5	9.73	19.46	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	3,3-Dichlorobenzidine	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	4,6-Dinitro-2-methylphenol	0	< 38.9	74.3	< 38.9	ug/kg dw	1	10	38.9	77.8	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	4-Bromophenyl phenyl ether	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	4-Chloro-3-methylphenol	0	< 9.73	74.3	< 9.73	ug/kg dw	1	2.5	9.73	19.46	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	4-Chlorophenyl phenyl ether	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	4-Nitrophenol	0	< 9.73	74.3	< 9.73	ug/kg dw	1	2.5	9.73	19.46	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	Acenaphthene	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	Acenaphthylene	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	Anthracene	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	Benzdine	0	< 2.311	74.3	< 2.311	ug/kg dw	1	0.594	2.311	19.46	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	Benzo(a)anthracene	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	Benzo(a)pyrene	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	benzo(b&k)fluoranthene	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	Benzo(b)fluoranthene	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	Benzo(g,h,i)perylene	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	Benzo(k)fluoranthene	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	Bis(2-chloroethoxy) methane	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	Bis(2-chloroethyl) ether	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	Bis(2-chloroisopropyl) ether	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	Bis(2-ethylhexyl) phthalate	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	Butyl benzyl phthalate	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	Chrysene	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	Dibenzo(a,h)anthracene	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	Diethyl phthalate	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	Dimethyl phthalate	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	Di-n-butyl phthalate	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	Di-n-octyl Phthalate	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	Fluoranthene	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	Fluorene	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	Hexachlorobenzene	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	Hexachlorobutadiene	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	Hexachlorocyclopentadiene	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	Hexachloroethane	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	Indeno(1,2,3-cd)pyrene	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	Isophorone	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	Naphthalene	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	Nitrobenzene	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	n-Nitrosodimethylamine	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	n-nitroso-di-n-propylamine	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	n-Nitrosodiphenylamine	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	Pentachlorophenol	0	< 9.73	74.3	< 9.73	ug/kg dw	1	2.5	9.73	19.46	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	Phenanthrene	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	Phenol	0	< 9.73	74.3	< 9.73	ug/kg dw	1	2.5	9.73	19.46	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	SVOA-S&CM-8270	Pyrene	0	< 4.86	74.3	< 4.86	ug/kg dw	1	1.25	4.86	9.73	U	12/01/2017 03:03	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	TOC-S&CM	Total Organic Carbon	0.8961	0.8961	74.3	3.4868	%	1	0.025	0.097	0.19		11/21/2017 19:18	Arazo	SW846 9060A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.26	GIC-AB-17-09-S	TPH-S&CM-TX1005	TPH, C6-C35	3.71	< 38.9	74.3	< 38.9	mg/kg dw	1	10	38.9	194.6	U	11/22/2017 19:55	Emiller	TCEQ 1005	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	%Moisture	% Moisture	76.2	76.2			%	1	0.01	0.01	1		12/29/2017 13:35	Mmartin	SM 2540 G	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	%Sol	% Solids	23.8	23.8			%	1	0.01	0.01	1		11/10/2017 13:00	Arazo	SM 2540 G	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	Cn-S&CM	Cyanide, Total	0	< 1.05	76.2	< 1.05	mg/kg dw	1	0.25	1.05	2.101	U	11/15/2017 21:40	Arazo	SW846 9014	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	Cr III-S&CM	Trivalent Chromium	3.37	3.37	76.2	14.16	mg/kg dw	1	0.5	2.101	4.2		12/29/2017 13:36	Mmartin	Calculation	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	Cr VI-S&CM	Chromium, Hexavalent	0	< 2.101	76.2	< 2.101	mg/kg dw	1	0.5	2.101	4.2	U	11/27/2017 19:14	Arazo	SW846 7196A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	HG-S&CM	Mercury	0.008	< 0.042	76.2	< 0.042	mg/kg dw	1	0.01	0.042	0.084	U	11/20/2017 19:46	Sherandez	SW846 7471B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	MET-S&CM-200.8	Antimony	0.000864	< 0.210	76.2	< 0.210	mg/kg dw	1	0.05	0.21	0.42	U	11/20/2017 17:41	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	MET-S&CM-200.8	Arsenic	0.879	0.879	76.2	3.693	mg/kg dw	1	0.005	0.021	0.21		11/20/2017 17:41	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	MET-S&CM-200.8	Beryllium	0.189	0.189	76.2	0.794	mg/kg dw	1	0.001	0.004	0.084		11/20/2017 17:41	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	MET-S&CM-200.8	Cadmium	0.033	0.033	76.2	0.1387	mg/kg dw	1	0.005	0.021	0.42	J	11/20/2017 17:41	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	MET-S&CM-200.8	Chromium	3.37	3.37	76.2	14.16	mg/kg dw	1	0.015	0.063	1.261		11/20/2017 17:41	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	MET-S&CM-200.8	Copper	1.85	1.85	76.2	7.77	mg/kg dw	1	0.02	0.084	0.84		11/20/2017 17:41	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	MET-S&CM-200.8	Lead	3.81	3.81	76.2	16.01	mg/kg dw	5	0.005	0.105	1.05		11/20/2017 17:46	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	MET-S&CM-200.8	Nickel	2.51	2.51	76.2	10.55	mg/kg dw	1	0.01	0.042	0.84		11/20/2017 17:41	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	MET-S&CM-200.8	Selenium	0.443	0.443	76.2	1.861	mg/kg dw	1	0.1	0.42	0.84		11/20/2017 17:41	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	MET-S&CM-200.8	Silver	0.012	0.012	76.2	0.0504	mg/kg dw	1	0.0025	0.0105	0.21	J	11/20/2017 17:41	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	MET-S&CM-200.8	Thallium	0.039	< 0.0525	76.2	0.1639	mg/kg dw	5	0.0025	0.0525	1.05	J	11/20/2017 17:46	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	MET-S&CM-200.8	Zinc	8.49	8.49	76.2	35.67	mg/kg dw	1	0.1	0.42	0.84		11/20/2017 17:41	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	NH3-N-T-S&CM-350	Ammonia as N	32	< 84.0	76.2	134	mg/kg dw	1	20	84	420	J	11/14/2017 10:19	Araza	EPA 350.2	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	OC-P-S&CM-8081	4,4-DDD	0	< 0.630	76.2	< 0.630	ug/kg dw	1	0.15	0.63	1.261	U	11/30/2017 08:17	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	OC-P-S&CM-8081	4,4-DDE	0	< 0.630	76.2	< 0.630	ug/kg dw	1	0.15	0.63	1.261	U	11/30/2017 08:17	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	OC-P-S&CM-8081	4,4-DDT	0	< 0.630	76.2	< 0.630	ug/kg dw	1	0.15	0.63	1.261	U	11/30/2017 08:17	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	OC-P-S&CM-8081	a-BHC	0	< 0.630	76.2	< 0.630	ug/kg dw	1	0.15	0.63	1.261	U	11/30/2017 08:17	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	OC-P-S&CM-8081	a-Chlordane	0	< 0.630	76.2	< 0.630	ug/kg dw	1	0.15	0.63	1.261	U	11/30/2017 08:17	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	OC-P-S&CM-8081	Aldrin	0	< 0.630	76.2	< 0.630	ug/kg dw	1	0.15	0.63	1.261	U	11/30/2017 08:17	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	OC-P-S&CM-8081	b-BHC	0	< 0.630	76.2	< 0.630	ug/kg dw	1	0.15	0.63	1.261	U	11/30/2017 08:17	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	OC-P-S&CM-8081	Chlordane	0	< 0.630	76.2	< 0.630	ug/kg dw	1	0.15	0.63	1.261	U	11/30/2017 08:17	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	OC-P-S&CM-8081	d-BHC	0	< 0.630	76.2	< 0.630	ug/kg dw	1	0.15	0.63	1.261	U	11/30/2017 08:17	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	OC-P-S&CM-8081	Dieldrin	0	< 0.630	76.2	< 0.630	ug/kg dw	1	0.15	0.63	1.261	U	11/30/2017 08:17	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	OC-P-S&CM-8081	Endosulfan I	0	< 0.630	76.2	< 0.630	ug/kg dw	1	0.15	0.63	1.261	U	11/30/2017 08:17	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	OC-P-S&CM-8081	Endosulfan II	0	< 0.630	76.2	< 0.630	ug/kg dw	1	0.15	0.63	1.261	U	11/30/2017 08:17	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	OC-P-S&CM-8081	Endosulfan sulfate	0	< 0.630	76.2	< 0.630	ug/kg dw	1	0.15	0.63	1.261	U	11/30/2017 08:17	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	OC-P-S&CM-8081	Endrin	0	< 0.630	76.2	< 0.630	ug/kg dw	1	0.15	0.63	1.261	U	11/30/2017 08:17	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	OC-P-S&CM-8081	Endrin aldehyde	0	< 0.630	76.2	< 0.630	ug/kg dw	1	0.15	0.63	1.261	U	11/30/2017 08:17	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	OC-P-S&CM-8081	Endrin ketone	0	< 0.630	76.2	< 0.630	ug/kg dw	1	0.15	0.63	1.261	U	11/30/2017 08:17	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	OC-P-S&CM-8081	g-BHC	0	< 0.630	76.2	< 0.630	ug/kg dw	1	0.15	0.63	1.261	U	11/30/2017 08:17	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	OC-P-S&CM-8081	Heptachlor	0	< 0.630	76.2	< 0.630	ug/kg dw	1	0.15	0.63	1.261	U	11/30/2017 08:17	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	OC-P-S&CM-8081	Heptachlor epoxide	0	< 0.630	76.2	< 0.630	ug/kg dw	1	0.15	0.63	1.261	U	11/30/2017 08:17	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	OC-P-S&CM-8081	Toxaphene	0	< 0.630	76.2	< 0.630	ug/kg dw	1	0.15	0.63	1.261	U	11/30/2017 08:17	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	OC-P-S&CM-8081	γ-Chlordane	0	< 0.630	76.2	< 0.630	ug/kg dw	1	0.15	0.63	1.261	U	11/30/2017 08:17	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	PCB-S&CM-8082	Total PCBs	0	< 4.20	76.2	< 4.20	ug/kg dw	1	1	4.2	8.4	U	12/01/2017 06:36	Sotruba	SW846 8082A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	SVOA-S&CM-8270	1,2,4-Trichlorobenzene	0	< 5.25	76.2	< 5.25	ug/kg dw	1	1.25	5.25	10.5	U	12/01/2017 03:39	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	SVOA-S&CM-8270	1,2-Dichlorobenzene	0	< 5.25	76.2	< 5.25	ug/kg dw	1	1.25	5.25	10.5	U	12/01/2017 03:39	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	SVOA-S&CM-8270	1,2-Diphenylhydrazine as Azobenzene	0	< 5.25	76.2	< 5.25	ug/kg dw	1	1.25	5.25	10.5	U	12/01/2017 03:39	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	SVOA-S&CM-8270	1,3-Dichlorobenzene	0	< 5.25	76.2	< 5.25	ug/kg dw	1	1.25	5.25	10.5	U	12/01/2017 03:39	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	SVOA-S&CM-8270	1,4-Dichlorobenzene	0	< 5.25	76.2	< 5.25	ug/kg dw	1	1.25	5.25	10.5	U	12/01/2017 03:39	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	SVOA-S&CM-8270	Fluoranthene	0	< 5.25	76.2	< 5.25	ug/kg dw	1	1.25	5.25	10.5	U	12/01/2017 03:39	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	SVOA-S&CM-8270	Fluorene	0	< 5.25	76.2	< 5.25	ug/kg dw	1	1.25	5.25	10.5	U	12/01/2017 03:39	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	SVOA-S&CM-8270	Hexachlorobenzene	0	< 5.25	76.2	< 5.25	ug/kg dw	1	1.25	5.25	10.5	U	12/01/2017 03:39	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	SVOA-S&CM-8270	Hexachlorobutadiene	0	< 5.25	76.2	< 5.25	ug/kg dw	1	1.25	5.25	10.5	U	12/01/2017 03:39	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	SVOA-S&CM-8270	Hexachlorocyclopentadiene	0	< 5.25	76.2	< 5.25	ug/kg dw	1	1.25	5.25	10.5	U	12/01/2017 03:39	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	SVOA-S&CM-8270	Hexachloroethane	0	< 5.25	76.2	< 5.25	ug/kg dw	1	1.25	5.25	10.5	U	12/01/2017 03:39	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	SVOA-S&CM-8270	Indeno(1,2,3-cd)pyrene	0	< 5.25	76.2	< 5.25	ug/kg dw	1	1.25	5.25	10.5	U	12/01/2017 03:39	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	SVOA-S&CM-8270	Isophorone	0	< 5.25	76.2	< 5.25	ug/kg dw	1	1.25	5.25	10.5	U	12/01/2017 03:39	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	SVOA-S&CM-8270	Naphthalene	0	< 5.25	76.2	< 5.25	ug/kg dw	1	1.25	5.25	10.5	U	12/01/2017 03:39	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	SVOA-S&CM-8270	Nitrobenzene	0	< 5.25	76.2	< 5.25	ug/kg dw	1	1.25	5.25	10.5	U	12/01/2017 03:39	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	SVOA-S&CM-8270	n-Nitrosodimethylamine	0	< 5.25	76.2	< 5.25	ug/kg dw	1	1.25	5.25	10.5	U	12/01/2017 03:39	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	SVOA-S&CM-8270	n-nitroso-di-n-propylamine	0	< 5.25	76.2	< 5.25	ug/kg dw	1	1.25	5.25	10.5	U	12/01/2017 03:39	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	SVOA-S&CM-8270	n-Nitrosodiphenylamine	0	< 5.25	76.2	< 5.25	ug/kg dw	1	1.25	5.25	10.5	U	12/01/2017 03:39	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	SVOA-S&CM-8270	Pentachlorophenol	0	< 10.50	76.2	< 10.50	ug/kg dw	1	2.5	10.5	21.01	U	12/01/2017 03:39	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	SVOA-S&CM-8270	Phenanthrene	0	< 5.25	76.2	< 5.25	ug/kg dw	1	1.25	5.25	10.5	U	12/01/2017 03:39	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	SVOA-S&CM-8270	Phenol	0	< 10.50	76.2	< 10.50	ug/kg dw	1	2.5	10.5	21.01	U	12/01/2017 03:39	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	SVOA-S&CM-8270	Pyrene	0	< 5.25	76.2	< 5.25	ug/kg dw	1	1.25	5.25	10.5	U	12/01/2017 03:39	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	TOC-S&CM	Total Organic Carbon	0.9275	0.9275	76.2	3.8971	%	1	0.025	0.105	0.21		11/21/2017 19:18	Arazo	SW846 9060A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.27	GIC-AB-17-10-S	TPH-S&CM-TX1005	TPH, C6-C35	3.68	< 42.0	76.2	< 42.0	mg/kg dw	1	10	42	210.1	U	11/22/2017 20:20	Emiller	TCEQ 1005	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	%Moisture	% Moisture	74	74			%	1	0.01	0.01	1		12/29/2017 13:35	Mmartin	SM 2540 G	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	%Sol	% Solids	26	26			%	1	0.01	0.01	1		11/10/2017 13:00	Arazo	SM 2540 G	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	Cn-S&CM	Cyanide, Total	0	< 0.96	74	< 0.96	mg/kg dw	1	0.25	0.96	1.923	U	11/15/2017 21:40	Arazo	SW846 9014	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	Cr III-S&CM	Trivalent Chromium	3.36	3.36	74	12.92	mg/kg dw	1	0.5	1.923	3.85		12/29/2017 13:36	Mmartin	Calculation	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	Cr VI-S&CM	Chromium, Hexavalent	0	< 1.923	74	< 1.923	mg/kg dw	1	0.5	1.923	3.85	U	11/27/2017 19:14	Arazo	SW846 7196A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	HG-S&CM	Mercury	0.008	< 0.038	74	< 0.038	mg/kg dw	1	0.01	0.038	0.077	U	11/20/2017 19:49	Sherandez	SW846 7471B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	MET-S&CM-200.8	Antimony	0.0015	< 0.192	74	< 0.192	mg/kg dw	1	0.05	0.192	0.385	U	11/20/2017 17:51	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	MET-S&CM-200.8	Arsenic	0.962	0.962	74	3.7	mg/kg dw	1	0.005	0.019	0.192		11/20/2017 17:51	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	MET-S&CM-200.8	Beryllium	0.192	0.192	74	0.738	mg/kg dw	1	0.001	0.004	0.077		11/20/2017 17:51	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	MET-S&CM-200.8	Cadmium	0.034	0.034	74	0.1308	mg/kg dw	1	0.005	0.019	0.385	J	11/20/2017 17:51	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	MET-S&CM-200.8	Chromium	3.36	3.36	74	12.92	mg/kg dw	1	0.015	0.058	1.154		11/20/2017 17:51	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	MET-S&CM-200.8	Copper	1.86	1.86	74	7.15	mg/kg dw	1	0.02	0.077	0.769		11/20/2017 17:51	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	MET-S&CM-200.8	Lead	3.92	3.92	74	15.08	mg/kg dw	5	0.005	0.096	0.962		11/20/2017 17:56	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	MET-S&CM-200.8	Nickel	2.58	2.58	74	9.92	mg/kg dw	1	0.01	0.038	0.769		11/20/2017 17:51	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	MET-S&CM-200.8	Selenium	0.467	0.467	74	1.796	mg/kg dw	1	0.1	0.385	0.769		11/20/2017 17:51	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	MET-S&CM-200.8	Silver	0.013	0.013	74	0.05	mg/kg dw	1	0.0025	0.0096	0.192	J	11/20/2017 17:51	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	MET-S&CM-200.8	Thallium	0.038	< 0.0481	74	0.1462	mg/kg dw	5	0.0025	0.0481	0.962	J	11/20/2017 17:56	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	MET-S&CM-200.8	Zinc	8.51	8.51	74	32.73	mg/kg dw	1	0.1	0.385	0.769		11/20/2017 17:51	Cilies	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	NH3-N-T-S&CM-350	Ammonia as N	53	< 76.9	74	204	mg/kg dw	1	20	76.9	385	J	11/14/2017 10:19	Araza	EPA 350.2	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	OCP-S&CM-8081	4,4-DDD	0	< 0.577	74	< 0.577	ug/kg dw	1	0.15	0.577	1.154	U	11/30/2017 08:41	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	OCP-S&CM-8081	4,4-DDE	0	< 0.577	74	< 0.577	ug/kg dw	1	0.15	0.577	1.154	U	11/30/2017 08:41	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	OCP-S&CM-8081	4,4-DDT	0	< 0.577	74	< 0.577	ug/kg dw	1	0.15	0.577	1.154	U	11/30/2017 08:41	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	OCP-S&CM-8081	a-BHC	0	< 0.577	74	< 0.577	ug/kg dw	1	0.15	0.577	1.154	U	11/30/2017 08:41	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	OCP-S&CM-8081	a-Chlordane	0	< 0.577	74	< 0.577	ug/kg dw	1	0.15	0.577	1.154	U	11/30/2017 08:41	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	OCP-S&CM-8081	Aldrin	0	< 0.577	74	< 0.577	ug/kg dw	1	0.15	0.577	1.154	U	11/30/2017 08:41	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	OCP-S&CM-8081	b-BHC	0	< 0.577	74	< 0.577	ug/kg dw	1	0.15	0.577	1.154	U	11/30/2017 08:41	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	OCP-S&CM-8081	Chlordane	0	< 0.577	74	< 0.577	ug/kg dw	1	0.15	0.577	1.154	U	11/30/2017 08:41	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	OCP-S&CM-8081	d-BHC	0	< 0.577	74	< 0.577	ug/kg dw	1	0.15	0.577	1.154	U	11/30/2017 08:41	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	OCP-S&CM-8081	Dieldrin	0	< 0.577	74	< 0.577	ug/kg dw	1	0.15	0.577	1.154	U	11/30/2017 08:41	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	OCP-S&CM-8081	Endosulfan I	0	< 0.577	74	< 0.577	ug/kg dw	1	0.15	0.577	1.154	U	11/30/2017 08:41	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	OCP-S&CM-8081	Endosulfan II	0	< 0.577	74	< 0.577	ug/kg dw	1	0.15	0.577	1.154	U	11/30/2017 08:41	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	OCP-S&CM-8081	Endosulfan sulfate	0	< 0.577	74	< 0.577	ug/kg dw	1	0.15	0.577	1.154	U	11/30/2017 08:41	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	OCP-S&CM-8081	Endrin	0	< 0.577	74	< 0.577	ug/kg dw	1	0.15	0.577	1.154	U	11/30/2017 08:41	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	OCP-S&CM-8081	Endrin aldehyde	0	< 0.577	74	< 0.577	ug/kg dw	1	0.15	0.577	1.154	U	11/30/2017 08:41	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	OCP-S&CM-8081	Endrin ketone	0	< 0.577	74	< 0.577	ug/kg dw	1	0.15	0.577	1.154	U	11/30/2017 08:41	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	OCP-S&CM-8081	g-BHC	0	< 0.577	74	< 0.577	ug/kg dw	1	0.15	0.577	1.154	U	11/30/2017 08:41	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	OCP-S&CM-8081	Heptachlor	0	< 0.577	74	< 0.577	ug/kg dw	1	0.15	0.577	1.154	U	11/30/2017 08:41	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	OCP-S&CM-8081	Heptachlor epoxide	0.1684	< 0.577	74	0.6477	ug/kg dw	1	0.15	0.577	1.154	J, P	11/30/2017 08:41	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	OCP-S&CM-8081	Toxaphene	0	< 0.577	74	< 0.577	ug/kg dw	1	0.15	0.577	1.154	U	11/30/2017 08:41	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	OCP-S&CM-8081	γ-Chlordane	0	< 0.577	74	< 0.577	ug/kg dw	1	0.15	0.577	1.154	U	11/30/2017 08:41	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	PCB-S&CM-8082	Total PCBs	0	< 3.85	74	< 3.85	ug/kg dw	1	1	3.85	7.69	U	12/01/2017 07:00	Sotruba	SW846 8082A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	SVOA-S&CM-8270	1,2,4-Trichlorobenzene	0	< 4.81	74	< 4.81	ug/kg dw	1	1.25	4.81	9.62	U	12/01/2017 04:16	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	SVOA-S&CM-8270	1,2-Dichlorobenzene	0	< 4.81	74	< 4.81	ug/kg dw	1	1.25	4.81	9.62	U	12/01/2017 04:16	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	SVOA-S&CM-8270	1,2-Diphenylhydrazine as Azobenzene	0	< 4.81	74	< 4.81	ug/kg dw	1	1.25	4.81	9.62	U	12/01/2017 04:16	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	SVOA-S&CM-8270	1,3-Dichlorobenzene	0	< 4.81	74	< 4.81	ug/kg dw	1	1.25	4.81	9.62	U	12/01/2017 04:16	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	SVOA-S&CM-8270	1,4-Dichlorobenzene	0	< 4.81	74	< 4.81	ug/kg dw	1	1.25	4.81	9.62	U	12/01/2017 04:16	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	SVOA-S&CM-8270	2,4,6-Trichlorophenol	0	< 9.62	74	< 9.62	ug/kg dw	1	2.5	9.62	19.23	U	12/01/2017 04:16	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	SVOA-S&CM-8270	2,4-Dichlorophenol	0	< 9.62	74	< 9.62	ug/kg dw	1	2.5	9.62	19.23	U	12/01/2017 04:16	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	SVOA-S&CM-8270	2,4-Dimethylphenol	0	< 9.62	74	< 9.62	ug/kg dw	1	2.5	9.62	19.23	U	12/01/2017 04:16	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	SVOA-S&CM-8270	2,4-Dinitrophenol	0	< 153.8	74	< 153.8	ug/kg dw	1	40	153.8	307.7	U	12/01/2017 04:16	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	SVOA-S&CM-8270	2,4-Dinitrotoluene	0	< 4.81	74	< 4.81	ug/kg dw	1	1.25	4.81	9.62	U	12/01/2017 04:16	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	SVOA-S&CM-8270	2,6-Dinitrotoluene	0	< 4.81	74	< 4.81	ug/kg dw	1	1.25	4.81	9.62	U	12/01/2017 04:16	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	SVOA-S&CM-8270	2-Chloronaphthalene	0	< 4.81	74	< 4.81	ug/kg dw	1	1.25	4.81	9.62	U	12/01/2017 04:16	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	SVOA-S&CM-8270	Isophorone	0	< 4.81	74	< 4.81	ug/kg dw	1	1.25	4.81	9.62	U	12/01/2017 04:16	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	SVOA-S&CM-8270	Naphthalene	0	< 4.81	74	< 4.81	ug/kg dw	1	1.25	4.81	9.62	U	12/01/2017 04:16	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	SVOA-S&CM-8270	Nitrobenzene	0	< 4.81	74	< 4.81	ug/kg dw	1	1.25	4.81	9.62	U	12/01/2017 04:16	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	SVOA-S&CM-8270	n-Nitrosodimethylamine	0	< 4.81	74	< 4.81	ug/kg dw	1	1.25	4.81	9.62	U	12/01/2017 04:16	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	SVOA-S&CM-8270	n-nitroso-di-n-propylamine	0	< 4.81	74	< 4.81	ug/kg dw	1	1.25	4.81	9.62	U	12/01/2017 04:16	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	SVOA-S&CM-8270	n-Nitrosodiphenylamine	0	< 4.81	74	< 4.81	ug/kg dw	1	1.25	4.81	9.62	U	12/01/2017 04:16	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	SVOA-S&CM-8270	Pentachlorophenol	0	< 9.62	74	< 9.62	ug/kg dw	1	2.5	9.62	19.23	U	12/01/2017 04:16	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	SVOA-S&CM-8270	Phenanthrene	0	< 4.81	74	< 4.81	ug/kg dw	1	1.25	4.81	9.62	U	12/01/2017 04:16	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	SVOA-S&CM-8270	Phenol	0	< 9.62	74	< 9.62	ug/kg dw	1	2.5	9.62	19.23	U	12/01/2017 04:16	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	SVOA-S&CM-8270	Pyrene	0	< 4.81	74	< 4.81	ug/kg dw	1	1.25	4.81	9.62	U	12/01/2017 04:16	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	TOC-S&CM	Total Organic Carbon	0.9174	0.9174	74	3.5285	%	1	0.025	0.096	0.19		11/21/2017 19:18	Arazo	SW846 9060A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.28	GIC-AB-17-11-S	TPH-S&CM-TX1005	TPH, C6-C35	4.3	< 38.5	74	< 38.5	mg/kg dw	1	10	38.5	192.3	U	11/22/2017 20:45	Emiller	TCEQ 1005	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	%Moisture	% Moisture	71.8	71.8			%	1	0.01	0.01	1		12/29/2017 13:35	Mmartin	SM 2540 G	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	%Sol	% Solids	28.2	28.2			%	1	0.01	0.01	1		11/10/2017 13:00	Arazo	SM 2540 G	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	Cn-S&CM	Cyanide, Total	0	< 0.89	71.8	< 0.89	mg/kg dw	1	0.25	0.89	1.773	U	11/15/2017 21:40	Arazo	SW846 9014	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	Cr III-S&CM	Trivalent Chromium	3.63	3.63	71.8	12.87	mg/kg dw	1	0.5	1.773	3.55		12/29/2017 13:36	Mmartin	Calculation	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	Cr VI-S&CM	Chromium, Hexavalent	0	< 1.773	71.8	< 1.773	mg/kg dw	1	0.5	1.773	3.55	U	11/27/2017 19:14	Arazo	SW846 7196A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	HG-S&CM	Mercury	0.01	< 0.035	71.8	0.0355	mg/kg dw	1	0.01	0.035	0.071	J	11/20/2017 19:53	Shernandez	SW846 7471B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	MET-S&CM-200.8	Antimony	0.0086	< 0.177	71.8	< 0.177	mg/kg dw	1	0.05	0.177	0.355	U	11/21/2017 12:28	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	MET-S&CM-200.8	Arsenic	1.18	1.18	71.8	4.18	mg/kg dw	1	0.005	0.018	0.177		11/21/2017 12:28	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	MET-S&CM-200.8	Beryllium	0.222	0.222	71.8	0.787	mg/kg dw	1	0.001	0.004	0.071		11/21/2017 12:28	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	MET-S&CM-200.8	Cadmium	0.039	0.039	71.8	0.1383	mg/kg dw	1	0.005	0.018	0.355	J	11/21/2017 12:28	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	MET-S&CM-200.8	Chromium	3.63	3.63	71.8	12.87	mg/kg dw	1	0.015	0.053	1.064		11/21/2017 12:28	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	MET-S&CM-200.8	Copper	2.18	2.18	71.8	7.73	mg/kg dw	1	0.02	0.071	0.709		11/21/2017 12:28	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	MET-S&CM-200.8	Lead	4.1	4.1	71.8	14.54	mg/kg dw	5	0.005	0.089	0.887		11/21/2017 12:33	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	MET-S&CM-200.8	Nickel	2.92	2.92	71.8	10.35	mg/kg dw	1	0.01	0.035	0.709		11/21/2017 12:28	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	MET-S&CM-200.8	Selenium	0.438	0.438	71.8	1.553	mg/kg dw	1	0.1	0.355	0.709		11/21/2017 12:28	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	MET-S&CM-200.8	Silver	0.013	0.013	71.8	0.0461	mg/kg dw	1	0.0025	0.0089	0.177	J	11/21/2017 12:28	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	MET-S&CM-200.8	Thallium	0.037	0.037	71.8	0.1312	mg/kg dw	1	0.0025	0.0089	0.177	J	11/21/2017 12:28	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	MET-S&CM-200.8	Zinc	9.72	9.72	71.8	34.47	mg/kg dw	1	0.1	0.355	0.709		11/21/2017 12:28	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	NH3-N-T-S&CM-350	Ammonia as N	63	< 70.9	71.8	223	mg/kg dw	1	20	70.9	355	J	11/14/2017 10:19	Arazo	EPA 350.2	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	OCP-S&CM-8081	4,4-DDD	0	< 0.532	71.8	< 0.532	ug/kg dw	1	0.15	0.532	1.064	U	11/30/2017 09:04	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	OCP-S&CM-8081	4,4-DDE	0	< 0.532	71.8	< 0.532	ug/kg dw	1	0.15	0.532	1.064	U	11/30/2017 09:04	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	OCP-S&CM-8081	4,4-DDT	0	< 0.532	71.8	< 0.532	ug/kg dw	1	0.15	0.532	1.064	U	11/30/2017 09:04	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	OCP-S&CM-8081	a-BHC	0	< 0.532	71.8	< 0.532	ug/kg dw	1	0.15	0.532	1.064	U	11/30/2017 09:04	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	OCP-S&CM-8081	a-Chlordane	0	< 0.532	71.8	< 0.532	ug/kg dw	1	0.15	0.532	1.064	U	11/30/2017 09:04	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	OCF-S&CM-8081	Aldrin	0	< 0.532	71.8	< 0.532	ug/kg dw	1	0.15	0.532	1.064	U	11/30/2017 09:04	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	OCF-S&CM-8081	b-BHC	0	< 0.532	71.8	< 0.532	ug/kg dw	1	0.15	0.532	1.064	U	11/30/2017 09:04	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	OCF-S&CM-8081	Chlordane	0	< 0.532	71.8	< 0.532	ug/kg dw	1	0.15	0.532	1.064	U	11/30/2017 09:04	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	OCF-S&CM-8081	d-BHC	0	< 0.532	71.8	< 0.532	ug/kg dw	1	0.15	0.532	1.064	U	11/30/2017 09:04	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	OCF-S&CM-8081	Dieldrin	0	< 0.532	71.8	< 0.532	ug/kg dw	1	0.15	0.532	1.064	U	11/30/2017 09:04	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	OCF-S&CM-8081	Endosulfan I	0	< 0.532	71.8	< 0.532	ug/kg dw	1	0.15	0.532	1.064	U	11/30/2017 09:04	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	OCF-S&CM-8081	Endosulfan II	0	< 0.532	71.8	< 0.532	ug/kg dw	1	0.15	0.532	1.064	U	11/30/2017 09:04	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	OCF-S&CM-8081	Endosulfan sulfate	0	< 0.532	71.8	< 0.532	ug/kg dw	1	0.15	0.532	1.064	U	11/30/2017 09:04	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	OCF-S&CM-8081	Endrin	0	< 0.532	71.8	< 0.532	ug/kg dw	1	0.15	0.532	1.064	U	11/30/2017 09:04	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	OCF-S&CM-8081	Endrin aldehyde	0	< 0.532	71.8	< 0.532	ug/kg dw	1	0.15	0.532	1.064	U	11/30/2017 09:04	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	OCF-S&CM-8081	Endrin ketone	0	< 0.532	71.8	< 0.532	ug/kg dw	1	0.15	0.532	1.064	U	11/30/2017 09:04	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	OCF-S&CM-8081	g-BHC	0	< 0.532	71.8	< 0.532	ug/kg dw	1	0.15	0.532	1.064	U	11/30/2017 09:04	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	OCF-S&CM-8081	Heptachlor	0	< 0.532	71.8	< 0.532	ug/kg dw	1	0.15	0.532	1.064	U	11/30/2017 09:04	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	OCF-S&CM-8081	Heptachlor epoxide	0.166	< 0.532	71.8	0.589	ug/kg dw	1	0.15	0.532	1.064	J, P	11/30/2017 09:04	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	OCF-S&CM-8081	Toxaphene	0	< 0.532	71.8	< 0.532	ug/kg dw	1	0.15	0.532	1.064	U	11/30/2017 09:04	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	OCF-S&CM-8081	γ-Chlordane	0	< 0.532	71.8	< 0.532	ug/kg dw	1	0.15	0.532	1.064	U	11/30/2017 09:04	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	PCB-S&CM-8082	Total PCBs	0	< 3.55	71.8	< 3.55	ug/kg dw	1	1	3.55	7.09	U	12/01/2017 07:25	Sotruba	SW846 8082A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	SVOA-S&CM-8270	1,2,4-Trichlorobenzene	0	< 4.43	71.8	< 4.43	ug/kg dw	1	1.25	4.43	8.87	U	12/01/2017 04:52	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	SVOA-S&CM-8270	1,2-Dichlorobenzene	0	< 4.43	71.8	< 4.43	ug/kg dw	1	1.25	4.43	8.87	U	12/01/2017 04:52	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	SVOA-S&CM-8270	1,2-Diphenylhydrazine as Azobenzene	0	< 4.43	71.8	< 4.43	ug/kg dw	1	1.25	4.43	8.87	U	12/01/2017 04:52	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	SVOA-S&CM-8270	1,3-Dichlorobenzene	0	< 4.43	71.8	< 4.43	ug/kg dw	1	1.25	4.43	8.87	U	12/01/2017 04:52	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	SVOA-S&CM-8270	1,4-Dichlorobenzene	0	< 4.43	71.8	< 4.43	ug/kg dw	1	1.25	4.43	8.87	U	12/01/2017 04:52	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	SVOA-S&CM-8270	2,4,6-Trichlorophenol	0	< 8.87	71.8	< 8.87	ug/kg dw	1	2.5	8.87	17.73	U	12/01/2017 04:52	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	SVOA-S&CM-8270	2,4-Dichlorophenol	0	< 8.87	71.8	< 8.87	ug/kg dw	1	2.5	8.87	17.73	U	12/01/2017 04:52	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	SVOA-S&CM-8270	2,4-Dimethylphenol	0	< 8.87	71.8	< 8.87	ug/kg dw	1	2.5	8.87	17.73	U	12/01/2017 04:52	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	SVOA-S&CM-8270	2,4-Dinitrophenol	0	< 141.8	71.8	< 141.8	ug/kg dw	1	40	141.8	283.7	U	12/01/2017 04:52	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	SVOA-S&CM-8270	2,4-Dinitrotoluene	0	< 4.43	71.8	< 4.43	ug/kg dw	1	1.25	4.43	8.87	U	12/01/2017 04:52	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	SVOA-S&CM-8270	2,6-Dinitrotoluene	0	< 4.43	71.8	< 4.43	ug/kg dw	1	1.25	4.43	8.87	U	12/01/2017 04:52	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	SVOA-S&CM-8270	2-Chloronaphthalene	0	< 4.43	71.8	< 4.43	ug/kg dw	1	1.25	4.43	8.87	U	12/01/2017 04:52	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	SVOA-S&CM-8270	2-Chlorophenol	0	< 8.87	71.8	< 8.87	ug/kg dw	1	2.5	8.87	17.73	U	12/01/2017 04:52	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	SVOA-S&CM-8270	2-Nitrophenol	0	< 8.87	71.8	< 8.87	ug/kg dw	1	2.5	8.87	17.73	U	12/01/2017 04:52	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	SVOA-S&CM-8270	3,3-Dichlorobenzidine	0	< 4.43	71.8	< 4.43	ug/kg dw	1	1.25	4.43	8.87	U	12/01/2017 04:52	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	SVOA-S&CM-8270	4,6-Dinitro-2-methylphenol	0	< 35.5	71.8	< 35.5	ug/kg dw	1	10	35.5	70.9	U	12/01/2017 04:52	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	SVOA-S&CM-8270	4-Bromophenyl phenyl ether	0	< 4.43	71.8	< 4.43	ug/kg dw	1	1.25	4.43	8.87	U	12/01/2017 04:52	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	SVOA-S&CM-8270	4-Chloro-3-methylphenol	0	< 8.87	71.8	< 8.87	ug/kg dw	1	2.5	8.87	17.73	U	12/01/2017 04:52	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	SVOA-S&CM-8270	4-Chlorophenyl phenyl ether	0	< 4.43	71.8	< 4.43	ug/kg dw	1	1.25	4.43	8.87	U	12/01/2017 04:52	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	SVOA-S&CM-8270	Phenanthrene	0	< 4.43	71.8	< 4.43	ug/kg dw	1	1.25	4.43	8.87	U	12/01/2017 04:52	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	SVOA-S&CM-8270	Phenol	0	< 8.87	71.8	< 8.87	ug/kg dw	1	2.5	8.87	17.73	U	12/01/2017 04:52	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	SVOA-S&CM-8270	Pyrene	0	< 4.43	71.8	< 4.43	ug/kg dw	1	1.25	4.43	8.87	U	12/01/2017 04:52	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	TOC-S&CM	Total Organic Carbon	0.8669	0.8669	71.8	3.0741	%	1	0.025	0.089	0.18		11/21/2017 19:18	Arazo	SW846 9060A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.29	GIC-AB-17-12-S	TPH-S&CM-TX1005	TPH, C6-C35	3.42	< 35.5	71.8	< 35.5	mg/kg dw	1	10	35.5	177.3	U	11/22/2017 21:10	Emiller	TCEQ 1005	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	%Moisture	% Moisture	76.1	76.1			%	1	0.01	0.01	1		12/29/2017 13:35	Mmartin	SM 2540 G	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	%Sol	% Solids	23.9	23.9			%	1	0.01	0.01	1		11/10/2017 13:00	Arazo	SM 2540 G	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	Cn-S&CM	Cyanide, Total	0	< 1.05	76.1	< 1.05	mg/kg dw	1	0.25	1.05	2.092	U	11/15/2017 21:40	Arazo	SW846 9014	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	Cr III-S&CM	Trivalent Chromium	3.55	3.55	76.1	14.85	mg/kg dw	1	0.5	2.092	4.18		12/29/2017 13:36	Mmartin	Calculation	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	Cr VI-S&CM	Chromium, Hexavalent	0	< 2.092	76.1	< 2.092	mg/kg dw	1	0.5	2.092	4.18	U	11/27/2017 19:14	Arazo	SW846 7196A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	HG-S&CM	Mercury	0.008	< 0.042	76.1	< 0.042	mg/kg dw	1	0.01	0.042	0.084	U	11/20/2017 20:03	Sherandez	SW846 7471B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	MET-S&CM-200.8	Antimony	0.0025	< 0.209	76.1	< 0.209	mg/kg dw	1	0.05	0.209	0.418	U	11/21/2017 13:36	Cilies	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	MET-S&CM-200.8	Arsenic	0.897	0.897	76.1	3.753	mg/kg dw	1	0.005	0.021	0.209		11/21/2017 13:36	Cilies	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	MET-S&CM-200.8	Beryllium	0.201	0.201	76.1	0.841	mg/kg dw	1	0.001	0.004	0.084		11/21/2017 13:36	Cilies	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	MET-S&CM-200.8	Cadmium	0.033	0.033	76.1	0.1381	mg/kg dw	1	0.005	0.021	0.418	J	11/21/2017 13:36	Cilies	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	MET-S&CM-200.8	Chromium	3.55	3.55	76.1	14.85	mg/kg dw	1	0.015	0.063	1.255		11/21/2017 13:36	Cilies	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	MET-S&CM-200.8	Copper	1.9	1.9	76.1	7.95	mg/kg dw	1	0.02	0.084	0.837		11/21/2017 13:36	Cilies	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	MET-S&CM-200.8	Lead	3.73	3.73	76.1	15.61	mg/kg dw	5	0.005	0.105	1.046		11/21/2017 13:41	Cilies	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	MET-S&CM-200.8	Nickel	2.67	2.67	76.1	11.17	mg/kg dw	1	0.01	0.042	0.837		11/21/2017 13:36	Cilies	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	MET-S&CM-200.8	Selenium	0.375	< 0.418	76.1	1.569	mg/kg dw	1	0.1	0.418	0.837		11/21/2017 13:36	Cilies	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	MET-S&CM-200.8	Silver	0.012	0.012	76.1	0.0502	mg/kg dw	1	0.0025	0.0105	0.209	J	11/21/2017 13:36	Cilies	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	MET-S&CM-200.8	Thallium	0.034	0.034	76.1	0.1423	mg/kg dw	1	0.0025	0.0105	0.209	J	11/21/2017 13:36	Cilies	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	MET-S&CM-200.8	Zinc	8.81	8.81	76.1	36.86	mg/kg dw	1	0.1	0.418	0.837		11/21/2017 13:36	Cilies	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	NH3-N-T-S&CM-350	Ammonia as N	44	< 83.7	76.1	184	mg/kg dw	1	20	83.7	418	J	11/14/2017 10:19	Arazo	EPA 350.2	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	OCP-S&CM-8081	4,4-DDD	0	< 0.628	76.1	< 0.628	ug/kg dw	1	0.15	0.628	1.255	U	11/30/2017 09:27	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	OCP-S&CM-8081	4,4-DDE	0	< 0.628	76.1	< 0.628	ug/kg dw	1	0.15	0.628	1.255	U	11/30/2017 09:27	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	OCP-S&CM-8081	4,4-DDT	0	< 0.628	76.1	< 0.628	ug/kg dw	1	0.15	0.628	1.255	U	11/30/2017 09:27	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	OCP-S&CM-8081	a-BHC	0	< 0.628	76.1	< 0.628	ug/kg dw	1	0.15	0.628	1.255	U	11/30/2017 09:27	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	OCP-S&CM-8081	a-Chlordane	0	< 0.628	76.1	< 0.628	ug/kg dw	1	0.15	0.628	1.255	U	11/30/2017 09:27	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	OCP-S&CM-8081	Aldrin	0	< 0.628	76.1	< 0.628	ug/kg dw	1	0.15	0.628	1.255	U	11/30/2017 09:27	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	OCP-S&CM-8081	b-BHC	0	< 0.628	76.1	< 0.628	ug/kg dw	1	0.15	0.628	1.255	U	11/30/2017 09:27	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	OCP-S&CM-8081	Chlordane	0	< 0.628	76.1	< 0.628	ug/kg dw	1	0.15	0.628	1.255	U	11/30/2017 09:27	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	OCP-S&CM-8081	d-BHC	0	< 0.628	76.1	< 0.628	ug/kg dw	1	0.15	0.628	1.255	U	11/30/2017 09:27	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	OCP-S&CM-8081	Dieldrin	0	< 0.628	76.1	< 0.628	ug/kg dw	1	0.15	0.628	1.255	U	11/30/2017 09:27	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	OCP-S&CM-8081	Endosulfan I	0	< 0.628	76.1	< 0.628	ug/kg dw	1	0.15	0.628	1.255	U	11/30/2017 09:27	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	OCP-S&CM-8081	Endosulfan II	0	< 0.628	76.1	< 0.628	ug/kg dw	1	0.15	0.628	1.255	U	11/30/2017 09:27	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	OCF-S&CM-8081	Endosulfan sulfate	0	< 0.628	76.1	< 0.628	ug/kg dw	1	0.15	0.628	1.255	U	11/30/2017 09:27	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	OCF-S&CM-8081	Endrin	0	< 0.628	76.1	< 0.628	ug/kg dw	1	0.15	0.628	1.255	U	11/30/2017 09:27	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	OCF-S&CM-8081	Endrin aldehyde	0	< 0.628	76.1	< 0.628	ug/kg dw	1	0.15	0.628	1.255	U	11/30/2017 09:27	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	OCF-S&CM-8081	Endrin ketone	0	< 0.628	76.1	< 0.628	ug/kg dw	1	0.15	0.628	1.255	U	11/30/2017 09:27	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	OCF-S&CM-8081	g-BHC	0	< 0.628	76.1	< 0.628	ug/kg dw	1	0.15	0.628	1.255	U	11/30/2017 09:27	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	OCF-S&CM-8081	Heptachlor	0	< 0.628	76.1	< 0.628	ug/kg dw	1	0.15	0.628	1.255	U	11/30/2017 09:27	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	OCF-S&CM-8081	Heptachlor epoxide	0	< 0.628	76.1	< 0.628	ug/kg dw	1	0.15	0.628	1.255	U	11/30/2017 09:27	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	OCF-S&CM-8081	Toxaphene	0	< 0.628	76.1	< 0.628	ug/kg dw	1	0.15	0.628	1.255	U	11/30/2017 09:27	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	OCF-S&CM-8081	γ-Chlordane	0	< 0.628	76.1	< 0.628	ug/kg dw	1	0.15	0.628	1.255	U	11/30/2017 09:27	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	PCB-S&CM-8082	Total PCBs	0	< 4.18	76.1	< 4.18	ug/kg dw	1	1	4.18	8.37	U	12/01/2017 07:49	Sotruba	SW846 8082A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	1,2,4-Trichlorobenzene	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	1,2-Dichlorobenzene	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	1,2-Diphenylhydrazine as Azobenzene	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	1,3-Dichlorobenzene	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	1,4-Dichlorobenzene	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	2,4,6-Trichlorophenol	0	< 10.46	76.1	< 10.46	ug/kg dw	1	2.5	10.46	20.92	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	2,4-Dichlorophenol	0	< 10.46	76.1	< 10.46	ug/kg dw	1	2.5	10.46	20.92	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	2,4-Dimethylphenol	0	< 10.46	76.1	< 10.46	ug/kg dw	1	2.5	10.46	20.92	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	2,4-Dinitrophenol	0	< 167.4	76.1	< 167.4	ug/kg dw	1	40	167.4	334.7	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	2,4-Dinitrotoluene	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	2,6-Dinitrotoluene	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	2-Chloronaphthalene	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	2-Chlorophenol	0	< 10.46	76.1	< 10.46	ug/kg dw	1	2.5	10.46	20.92	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	2-Nitrophenol	0	< 10.46	76.1	< 10.46	ug/kg dw	1	2.5	10.46	20.92	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	3,3-Dichlorobenzidine	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	4,6-Dinitro-2-methylphenol	0	< 41.8	76.1	< 41.8	ug/kg dw	1	10	41.8	83.7	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	4-Bromophenyl phenyl ether	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	4-Chloro-3-methylphenol	0	< 10.46	76.1	< 10.46	ug/kg dw	1	2.5	10.46	20.92	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	4-Chlorophenyl phenyl ether	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	4-Nitrophenol	0	< 10.46	76.1	< 10.46	ug/kg dw	1	2.5	10.46	20.92	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	Acenaphthene	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	Acenaphthylene	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	Anthracene	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	Benzdine	0	< 2.485	76.1	< 2.485	ug/kg dw	1	0.594	2.485	20.92	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	Benzo(a)anthracene	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	Benzo(a)pyrene	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	benzo(b&k)fluoranthene	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	Benzo(b)fluoranthene	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	Benzo(g,h,i)perylene	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	Benzo(k)fluoranthene	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	Bis(2-chloroethoxy) methane	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	Bis(2-chloroethyl) ether	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	Bis(2-chloroisopropyl) ether	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	Bis(2-ethylhexyl) phthalate	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	Butyl benzyl phthalate	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	Chrysene	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	Dibenzo(a,h)anthracene	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	Diethyl phthalate	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	Dimethyl phthalate	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	Di-n-butyl phthalate	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	Di-n-octyl Phthalate	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	Fluoranthene	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	Fluorene	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	Hexachlorobenzene	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	Hexachlorobutadiene	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	Hexachlorocyclopentadiene	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	Hexachloroethane	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	Indeno(1,2,3-cd)pyrene	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	Isophorone	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	Naphthalene	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	Nitrobenzene	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	n-Nitrosodimethylamine	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	n-nitroso-di-n-propylamine	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	n-Nitrosodiphenylamine	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	Pentachlorophenol	0	< 10.46	76.1	< 10.46	ug/kg dw	1	2.5	10.46	20.92	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	Phenanthrene	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	Phenol	0	< 10.46	76.1	< 10.46	ug/kg dw	1	2.5	10.46	20.92	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	SVOA-S&CM-8270	Pyrene	0	< 5.23	76.1	< 5.23	ug/kg dw	1	1.25	5.23	10.46	U	12/01/2017 05:28	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	TOC-S&CM	Total Organic Carbon	0.822	0.822	76.1	3.4393	%	1	0.025	0.105	0.21		11/21/2017 19:18	Arazo	SW846 9060A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.30	GIC-AB-17-13-S	TPH-S&CM-TX1005	TPH, C6-C35	3.69	< 41.8	76.1	< 41.8	mg/kg dw	1	10	41.8	209.2	U	11/22/2017 21:36	Emiller	TCEQ 1005	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	%Moisture	% Moisture	75.3	75.3			%	1	0.01	0.01	1		12/29/2017 13:35	Mmartin	SM 2540 G	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	%Sol	% Solids	24.7	24.7			%	1	0.01	0.01	1		11/10/2017 13:00	Arazo	SM 2540 G	Sediment	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	Cn-S&CM	Cyanide, Total	0	< 1.01	75.3	< 1.01	mg/kg dw	1	0.25	1.01	2.024	U	11/15/2017 21:40	Arazo	SW846 9014	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	Cr III-S&CM	Trivalent Chromium	3.53	3.53	75.3	14.29	mg/kg dw	1	0.5	2.024	4.05		12/29/2017 13:36	Mmartin	Calculation	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	Cr VI-S&CM	Chromium, Hexavalent	0	< 2.024	75.3	< 2.024	mg/kg dw	1	0.5	2.024	4.05	U	11/27/2017 19:14	Arazo	SW846 7196A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	HG-S&CM	Mercury	0.008	< 0.040	75.3	< 0.040	mg/kg dw	1	0.01	0.04	0.081	U	11/20/2017 20:06	Sherandez	SW846 7471B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	MET-S&CM-200.8	Antimony	0.0019	< 0.202	75.3	< 0.202	mg/kg dw	1	0.05	0.202	0.405	U	11/21/2017 13:47	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	MET-S&CM-200.8	Arsenic	0.967	0.967	75.3	3.915	mg/kg dw	1	0.005	0.02	0.202		11/21/2017 13:47	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	MET-S&CM-200.8	Beryllium	0.205	0.205	75.3	0.83	mg/kg dw	1	0.001	0.004	0.081		11/21/2017 13:47	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	MET-S&CM-200.8	Cadmium	0.034	0.034	75.3	0.1377	mg/kg dw	1	0.005	0.02	0.405	J	11/21/2017 13:47	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	MET-S&CM-200.8	Chromium	3.53	3.53	75.3	14.29	mg/kg dw	1	0.015	0.061	1.215		11/21/2017 13:47	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	MET-S&CM-200.8	Copper	1.94	1.94	75.3	7.85	mg/kg dw	1	0.02	0.081	0.81		11/21/2017 13:47	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	MET-S&CM-200.8	Lead	3.76	3.76	75.3	15.22	mg/kg dw	5	0.005	0.101	1.012		11/21/2017 13:52	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	MET-S&CM-200.8	Nickel	2.71	2.71	75.3	10.97	mg/kg dw	1	0.01	0.04	0.81		11/21/2017 13:47	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	MET-S&CM-200.8	Selenium	0.401	< 0.405	75.3	1.623	mg/kg dw	1	0.1	0.405	0.81		11/21/2017 13:47	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	MET-S&CM-200.8	Silver	0.012	0.012	75.3	0.0486	mg/kg dw	1	0.0025	0.0101	0.202	J	11/21/2017 13:47	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	MET-S&CM-200.8	Thallium	0.034	0.034	75.3	0.1377	mg/kg dw	1	0.0025	0.0101	0.202	J	11/21/2017 13:47	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	MET-S&CM-200.8	Zinc	8.83	8.83	75.3	35.75	mg/kg dw	1	0.1	0.405	0.81		11/21/2017 13:47	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	NH3-N-T-S&CM-350	Ammonia as N	29	< 81.0	75.3	117	mg/kg dw	1	20	81	405	J	11/14/2017 10:19	Arazo	EPA 350.2	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	OCF-S&CM-8081	4,4-DDD	0	< 0.607	75.3	< 0.607	ug/kg dw	1	0.15	0.607	1.215	U	11/30/2017 09:50	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	OCF-S&CM-8081	4,4-DDE	0	< 0.607	75.3	< 0.607	ug/kg dw	1	0.15	0.607	1.215	U	11/30/2017 09:50	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	OCF-S&CM-8081	4,4-DDT	0	< 0.607	75.3	< 0.607	ug/kg dw	1	0.15	0.607	1.215	U	11/30/2017 09:50	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	OCF-S&CM-8081	a-BHC	0	< 0.607	75.3	< 0.607	ug/kg dw	1	0.15	0.607	1.215	U	11/30/2017 09:50	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	OCF-S&CM-8081	a-Chlordane	0	< 0.607	75.3	< 0.607	ug/kg dw	1	0.15	0.607	1.215	U	11/30/2017 09:50	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	OCF-S&CM-8081	Aldrin	0	< 0.607	75.3	< 0.607	ug/kg dw	1	0.15	0.607	1.215	U	11/30/2017 09:50	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	OCF-S&CM-8081	b-BHC	0	< 0.607	75.3	< 0.607	ug/kg dw	1	0.15	0.607	1.215	U	11/30/2017 09:50	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	OCF-S&CM-8081	Chlordane	0	< 0.607	75.3	< 0.607	ug/kg dw	1	0.15	0.607	1.215	U	11/30/2017 09:50	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	OCF-S&CM-8081	d-BHC	0	< 0.607	75.3	< 0.607	ug/kg dw	1	0.15	0.607	1.215	U	11/30/2017 09:50	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	OCF-S&CM-8081	Dieldrin	0	< 0.607	75.3	< 0.607	ug/kg dw	1	0.15	0.607	1.215	U	11/30/2017 09:50	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	OCF-S&CM-8081	Endosulfan I	0	< 0.607	75.3	< 0.607	ug/kg dw	1	0.15	0.607	1.215	U	11/30/2017 09:50	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	OCF-S&CM-8081	Endosulfan II	0	< 0.607	75.3	< 0.607	ug/kg dw	1	0.15	0.607	1.215	U	11/30/2017 09:50	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	OCF-S&CM-8081	Endosulfan sulfate	0	< 0.607	75.3	< 0.607	ug/kg dw	1	0.15	0.607	1.215	U	11/30/2017 09:50	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	OCF-S&CM-8081	Endrin	0	< 0.607	75.3	< 0.607	ug/kg dw	1	0.15	0.607	1.215	U	11/30/2017 09:50	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	OCF-S&CM-8081	Endrin aldehyde	0	< 0.607	75.3	< 0.607	ug/kg dw	1	0.15	0.607	1.215	U	11/30/2017 09:50	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	OCF-S&CM-8081	Endrin ketone	0	< 0.607	75.3	< 0.607	ug/kg dw	1	0.15	0.607	1.215	U	11/30/2017 09:50	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	OCF-S&CM-8081	g-BHC	0	< 0.607	75.3	< 0.607	ug/kg dw	1	0.15	0.607	1.215	U	11/30/2017 09:50	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	OCF-S&CM-8081	Heptachlor	0	< 0.607	75.3	< 0.607	ug/kg dw	1	0.15	0.607	1.215	U	11/30/2017 09:50	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	OCF-S&CM-8081	Heptachlor epoxide	0	< 0.607	75.3	< 0.607	ug/kg dw	1	0.15	0.607	1.215	U	11/30/2017 09:50	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	OCF-S&CM-8081	Toxaphene	0	< 0.607	75.3	< 0.607	ug/kg dw	1	0.15	0.607	1.215	U	11/30/2017 09:50	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	OCF-S&CM-8081	γ-Chlordane	0	< 0.607	75.3	< 0.607	ug/kg dw	1	0.15	0.607	1.215	U	11/30/2017 09:50	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	PCB-S&CM-8082	Total PCBs	0	< 4.05	75.3	< 4.05	ug/kg dw	1	1	4.05	8.1	U	12/01/2017 08:13	Sotruba	SW846 8082A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	1,2,4-Trichlorobenzene	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	1,2-Dichlorobenzene	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	1,2-Diphenylhydrazine as Azobenzene	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	1,3-Dichlorobenzene	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	1,4-Dichlorobenzene	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	2,4,6-Trichlorophenol	0	< 10.12	75.3	< 10.12	ug/kg dw	1	2.5	10.12	20.24	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	2,4-Dichlorophenol	0	< 10.12	75.3	< 10.12	ug/kg dw	1	2.5	10.12	20.24	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	2,4-Dimethylphenol	0	< 10.12	75.3	< 10.12	ug/kg dw	1	2.5	10.12	20.24	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	2,4-Dinitrophenol	0	< 161.9	75.3	< 161.9	ug/kg dw	1	40	161.9	323.9	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	2,4-Dinitrotoluene	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	2,6-Dinitrotoluene	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	2-Chloronaphthalene	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	2-Chlorophenol	0	< 10.12	75.3	< 10.12	ug/kg dw	1	2.5	10.12	20.24	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	2-Nitrophenol	0	< 10.12	75.3	< 10.12	ug/kg dw	1	2.5	10.12	20.24	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	3,3-Dichlorobenzidine	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	4,6-Dinitro-2-methylphenol	0	< 40.5	75.3	< 40.5	ug/kg dw	1	10	40.5	81	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	4-Bromophenyl phenyl ether	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	4-Chloro-3-methylphenol	0	< 10.12	75.3	< 10.12	ug/kg dw	1	2.5	10.12	20.24	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	4-Chlorophenyl phenyl ether	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	4-Nitrophenol	0	< 10.12	75.3	< 10.12	ug/kg dw	1	2.5	10.12	20.24	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	Acenaphthene	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	Acenaphthylene	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	Anthracene	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	Benzidine	0	< 2.405	75.3	< 2.405	ug/kg dw	1	0.594	2.405	20.24	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	Benzo(a)anthracene	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	Benzo(a)pyrene	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	benzo(b&k)fluoranthene	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	Benzo(b)fluoranthene	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	Benzo(g,h,i)perylene	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	Benzo(k)fluoranthene	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	Bis(2-chloroethoxy) methane	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	Bis(2-chloroethyl) ether	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	Bis(2-chloroisopropyl) ether	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	Bis(2-ethylhexyl) phthalate	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	Butyl benzyl phthalate	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	Chrysene	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	Dibenzo(a,h)anthracene	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	Diethyl phthalate	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	Dimethyl phthalate	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	Di-n-butyl phthalate	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	Di-n-octyl Phthalate	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	Fluoranthene	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	Fluorene	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	Hexachlorobenzene	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	Hexachlorobutadiene	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	Hexachlorocyclopentadiene	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	Hexachloroethane	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	Indeno(1,2,3-cd)pyrene	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	Isophorone	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	Naphthalene	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	Nitrobenzene	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	n-Nitrosodimethylamine	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	n-nitroso-di-n-propylamine	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	n-Nitrosodiphenylamine	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	Pentachlorophenol	0	< 10.12	75.3	< 10.12	ug/kg dw	1	2.5	10.12	20.24	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	Phenanthrene	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	Phenol	0	< 10.12	75.3	< 10.12	ug/kg dw	1	2.5	10.12	20.24	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	SVOA-S&CM-8270	Pyrene	0	< 5.06	75.3	< 5.06	ug/kg dw	1	1.25	5.06	10.12	U	12/01/2017 06:05	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	TOC-S&CM	Total Organic Carbon	0.8269	0.8269	75.3	3.3478	%	1	0.025	0.101	0.2		11/21/2017 19:18	Arazo	SW846 9060A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.31	GIC-AB-17-14-S	TPH-S&CM-TX1005	TPH, C6-C35	4.64	< 40.5	75.3	< 40.5	mg/kg dw	1	10	40.5	202.4	U	11/22/2017 22:01	Emiller	TCEQ 1005	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	%Moisture	% Moisture	77.9	77.9			%	1	0.01	0.01	1		12/29/2017 13:35	Mmartin	SM 2540 G	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	%Sol	% Solids	22.1	22.1			%	1	0.01	0.01	1		11/10/2017 13:00	Arazo	SM 2540 G	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	Cn-S&CM	Cyanide, Total	0	< 1.13	77.9	< 1.13	mg/kg dw	1	0.25	1.13	2.262	U	11/15/2017 21:40	Arazo	SW846 9014	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	Cr III-S&CM	Trivalent Chromium	3.24	3.24	77.9	14.66	mg/kg dw	1	0.5	2.262	4.52		12/29/2017 13:36	Mmartin	Calculation	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	Cr VI-S&CM	Chromium, Hexavalent	0	< 2.262	77.9	< 2.262	mg/kg dw	1	0.5	2.262	4.52	U	11/27/2017 19:14	Arazo	SW846 7196A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	HG-S&CM	Mercury	0.009	< 0.045	77.9	< 0.045	mg/kg dw	1	0.01	0.045	0.09	U	11/20/2017 20:16	Sherandez	SW846 7471B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	MET-S&CM-200.8	Antimony	0.0029	< 0.226	77.9	< 0.226	mg/kg dw	1	0.05	0.226	0.452	U	11/21/2017 12:59	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	MET-S&CM-200.8	Arsenic	1.4	1.4	77.9	6.33	mg/kg dw	1	0.005	0.023	0.226		11/21/2017 12:59	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	MET-S&CM-200.8	Beryllium	0.169	0.169	77.9	0.765	mg/kg dw	1	0.001	0.005	0.09		11/21/2017 12:59	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	MET-S&CM-200.8	Cadmium	0.072	0.072	77.9	0.3258	mg/kg dw	1	0.005	0.023	0.452	J	11/21/2017 12:59	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	MET-S&CM-200.8	Chromium	3.24	3.24	77.9	14.66	mg/kg dw	1	0.015	0.068	1.357		11/21/2017 12:59	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	MET-S&CM-200.8	Copper	3.17	3.17	77.9	14.34	mg/kg dw	1	0.02	0.09	0.905		11/21/2017 12:59	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	MET-S&CM-200.8	Lead	3.49	3.49	77.9	15.79	mg/kg dw	5	0.005	0.113	1.131		11/21/2017 13:04	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	MET-S&CM-200.8	Nickel	2.72	2.72	77.9	12.31	mg/kg dw	1	0.01	0.045	0.905		11/21/2017 12:59	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	MET-S&CM-200.8	Selenium	0.428	< 0.452	77.9	1.937	mg/kg dw	1	0.1	0.452	0.905		11/21/2017 12:59	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	MET-S&CM-200.8	Silver	0.015	0.015	77.9	0.0679	mg/kg dw	1	0.0025	0.0113	0.226	J	11/21/2017 12:59	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	MET-S&CM-200.8	Thallium	0.037	0.037	77.9	0.1674	mg/kg dw	1	0.0025	0.0113	0.226	J	11/21/2017 12:59	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	MET-S&CM-200.8	Zinc	12.4	12.4	77.9	56.1	mg/kg dw	5	0.1	2.262	4.525		11/21/2017 13:04	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	NH3-N-T-S&CM-350	Ammonia as N	78	< 90.5	77.9	353	mg/kg dw	1	20	90.5	452	J	11/14/2017 10:19	Arazo	EPA 350.2	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	OC-P&CM-8081	4,4-DDD	0	< 0.679	77.9	< 0.679	ug/kg dw	1	0.15	0.679	1.357	U	11/30/2017 20:14	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	OC-P&CM-8081	4,4-DDE	0	< 0.679	77.9	< 0.679	ug/kg dw	1	0.15	0.679	1.357	U	11/30/2017 20:14	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	OC-P&CM-8081	4,4-DDT	0	< 0.679	77.9	< 0.679	ug/kg dw	1	0.15	0.679	1.357	U	11/30/2017 20:14	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	OC-P&CM-8081	a-BHC	0	< 0.679	77.9	< 0.679	ug/kg dw	1	0.15	0.679	1.357	U	11/30/2017 20:14	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	OC-P&CM-8081	a-Chlordane	0	< 0.679	77.9	< 0.679	ug/kg dw	1	0.15	0.679	1.357	U	11/30/2017 20:14	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	OC-P&CM-8081	Aldrin	0	< 0.679	77.9	< 0.679	ug/kg dw	1	0.15	0.679	1.357	U	11/30/2017 20:14	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	OC-P&CM-8081	b-BHC	0	< 0.679	77.9	< 0.679	ug/kg dw	1	0.15	0.679	1.357	U	11/30/2017 20:14	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	OC-P&CM-8081	Chlordane	0	< 0.679	77.9	< 0.679	ug/kg dw	1	0.15	0.679	1.357	U	11/30/2017 20:14	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	OC-P&CM-8081	d-BHC	0	< 0.679	77.9	< 0.679	ug/kg dw	1	0.15	0.679	1.357	U	11/30/2017 20:14	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	OC-P&CM-8081	Dieldrin	0	< 0.679	77.9	< 0.679	ug/kg dw	1	0.15	0.679	1.357	U	11/30/2017 20:14	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	OC-P&CM-8081	Endosulfan I	0	< 0.679	77.9	< 0.679	ug/kg dw	1	0.15	0.679	1.357	U	11/30/2017 20:14	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	OC-P&CM-8081	Endosulfan II	0	< 0.679	77.9	< 0.679	ug/kg dw	1	0.15	0.679	1.357	U	11/30/2017 20:14	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	OC-P&CM-8081	Endosulfan sulfate	0	< 0.679	77.9	< 0.679	ug/kg dw	1	0.15	0.679	1.357	U	11/30/2017 20:14	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	OC-P&CM-8081	Endrin	0	< 0.679	77.9	< 0.679	ug/kg dw	1	0.15	0.679	1.357	U	11/30/2017 20:14	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	OC-P&CM-8081	Endrin aldehyde	0	< 0.679	77.9	< 0.679	ug/kg dw	1	0.15	0.679	1.357	U	11/30/2017 20:14	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	OC-P&CM-8081	Endrin ketone	0	< 0.679	77.9	< 0.679	ug/kg dw	1	0.15	0.679	1.357	U	11/30/2017 20:14	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	OC-P&CM-8081	g-BHC	0	< 0.679	77.9	< 0.679	ug/kg dw	1	0.15	0.679	1.357	U	11/30/2017 20:14	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	OC-P&CM-8081	Heptachlor	0	< 0.679	77.9	< 0.679	ug/kg dw	1	0.15	0.679	1.357	U	11/30/2017 20:14	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	OC-P&CM-8081	Heptachlor epoxide	0	< 0.679	77.9	< 0.679	ug/kg dw	1	0.15	0.679	1.357	U	11/30/2017 20:14	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	OC-P&CM-8081	Toxaphene	0	< 0.679	77.9	< 0.679	ug/kg dw	1	0.15	0.679	1.357	U	11/30/2017 20:14	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	OC-P&CM-8081	γ-Chlordane	0	< 0.679	77.9	< 0.679	ug/kg dw	1	0.15	0.679	1.357	U	11/30/2017 20:14	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	PCB-S&CM-8082	Total PCBs	0	< 4.52	77.9	< 4.52	ug/kg dw	1	1	4.52	9.05	U	12/01/2017 08:37	Sotruba	SW846 8082A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	SVOA-S&CM-8270	1,2,4-Trichlorobenzene	0	< 5.66	77.9	< 5.66	ug/kg dw	1	1.25	5.66	11.31	U	12/01/2017 06:41	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	SVOA-S&CM-8270	1,2-Dichlorobenzene	0	< 5.66	77.9	< 5.66	ug/kg dw	1	1.25	5.66	11.31	U	12/01/2017 06:41	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	SVOA-S&CM-8270	1,2-Diphenylhydrazine as Azobenzene	0	< 5.66	77.9	< 5.66	ug/kg dw	1	1.25	5.66	11.31	U	12/01/2017 06:41	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	SVOA-S&CM-8270	1,3-Dichlorobenzene	0	< 5.66	77.9	< 5.66	ug/kg dw	1	1.25	5.66	11.31	U	12/01/2017 06:41	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	SVOA-S&CM-8270	Di-n-octyl Phthalate	0	< 5.66	77.9	< 5.66	ug/kg dw	1	1.25	5.66	11.31	U	12/01/2017 06:41	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	SVOA-S&CM-8270	Fluoranthene	0	< 5.66	77.9	< 5.66	ug/kg dw	1	1.25	5.66	11.31	U	12/01/2017 06:41	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	SVOA-S&CM-8270	Fluorene	0	< 5.66	77.9	< 5.66	ug/kg dw	1	1.25	5.66	11.31	U	12/01/2017 06:41	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	SVOA-S&CM-8270	Hexachlorobenzene	0	< 5.66	77.9	< 5.66	ug/kg dw	1	1.25	5.66	11.31	U	12/01/2017 06:41	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	SVOA-S&CM-8270	Hexachlorobutadiene	0	< 5.66	77.9	< 5.66	ug/kg dw	1	1.25	5.66	11.31	U	12/01/2017 06:41	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	SVOA-S&CM-8270	Hexachlorocyclopentadiene	0	< 5.66	77.9	< 5.66	ug/kg dw	1	1.25	5.66	11.31	U	12/01/2017 06:41	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	SVOA-S&CM-8270	Hexachloroethane	0	< 5.66	77.9	< 5.66	ug/kg dw	1	1.25	5.66	11.31	U	12/01/2017 06:41	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	SVOA-S&CM-8270	Indeno(1,2,3-cd)pyrene	0	< 5.66	77.9	< 5.66	ug/kg dw	1	1.25	5.66	11.31	U	12/01/2017 06:41	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	SVOA-S&CM-8270	Isophorone	0	< 5.66	77.9	< 5.66	ug/kg dw	1	1.25	5.66	11.31	U	12/01/2017 06:41	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	SVOA-S&CM-8270	Naphthalene	0	< 5.66	77.9	< 5.66	ug/kg dw	1	1.25	5.66	11.31	U	12/01/2017 06:41	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	SVOA-S&CM-8270	Nitrobenzene	0	< 5.66	77.9	< 5.66	ug/kg dw	1	1.25	5.66	11.31	U	12/01/2017 06:41	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	SVOA-S&CM-8270	n-Nitrosodimethylamine	0	< 5.66	77.9	< 5.66	ug/kg dw	1	1.25	5.66	11.31	U	12/01/2017 06:41	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	SVOA-S&CM-8270	n-nitroso-di-n-propylamine	0	< 5.66	77.9	< 5.66	ug/kg dw	1	1.25	5.66	11.31	U	12/01/2017 06:41	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	SVOA-S&CM-8270	n-Nitrosodiphenylamine	0	< 5.66	77.9	< 5.66	ug/kg dw	1	1.25	5.66	11.31	U	12/01/2017 06:41	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	SVOA-S&CM-8270	Pentachlorophenol	0	< 11.31	77.9	< 11.31	ug/kg dw	1	2.5	11.31	22.62	U	12/01/2017 06:41	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	SVOA-S&CM-8270	Phenanthrene	0	< 5.66	77.9	< 5.66	ug/kg dw	1	1.25	5.66	11.31	U	12/01/2017 06:41	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	SVOA-S&CM-8270	Phenol	0	< 11.31	77.9	< 11.31	ug/kg dw	1	2.5	11.31	22.62	U	12/01/2017 06:41	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	SVOA-S&CM-8270	Pyrene	0	< 5.66	77.9	< 5.66	ug/kg dw	1	1.25	5.66	11.31	U	12/01/2017 06:41	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	TOC-S&CM	Total Organic Carbon	0.857	0.857	77.9	3.8778	%	1	0.025	0.113	0.23		11/21/2017 19:18	Arazo	SW846 9060A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.32	GIC-AB-17-15-S	TPH-S&CM-TX1005	TPH, C6-C35	3.9	< 45.2	77.9	< 45.2	mg/kg dw	1	10	45.2	226.2	U	11/22/2017 22:26	Emiller	TCEQ 1005	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	%Moisture	% Moisture	47.1	47.1			%	1	0.01	0.01	1		12/29/2017 13:35	Mmartin	SM 2540 G	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	%Sol	% Solids	52.9	52.9			%	1	0.01	0.01	1		11/10/2017 13:00	Arazo	SM 2540 G	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	Cn-S&CM	Cyanide, Total	0	< 0.47	47.1	< 0.47	mg/kg dw	1	0.25	0.47	0.945	U	11/15/2017 21:40	Arazo	SW846 9014	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	Cr III-S&CM	Trivalent Chromium	2.42	2.42	47.1	4.57	mg/kg dw	1	0.5	0.945	1.89		12/29/2017 13:36	Mmartin	Calculation	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	Cr VI-S&CM	Chromium, Hexavalent	0	< 0.945	47.1	< 0.945	mg/kg dw	1	0.5	0.945	1.89	U	11/27/2017 19:14	Arazo	SW846 7196A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	HG-S&CM	Mercury	0.006	< 0.019	47.1	< 0.019	mg/kg dw	1	0.01	0.019	0.038	U	11/20/2017 20:19	Sherandez	SW846 7471B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	MET-S&CM-200.8	Antimony	0.015	< 0.095	47.1	< 0.095	mg/kg dw	1	0.05	0.095	0.189	U	11/21/2017 13:26	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	MET-S&CM-200.8	Arsenic	0.861	0.861	47.1	1.628	mg/kg dw	1	0.005	0.009	0.095		11/21/2017 13:26	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	MET-S&CM-200.8	Beryllium	0.145	0.145	47.1	0.274	mg/kg dw	1	0.001	0.002	0.038		11/21/2017 13:26	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	MET-S&CM-200.8	Cadmium	0.019	0.019	47.1	0.0359	mg/kg dw	1	0.005	0.009	0.189	J	11/21/2017 13:26	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	MET-S&CM-200.8	Chromium	2.42	2.42	47.1	4.57	mg/kg dw	1	0.015	0.028	0.567		11/21/2017 13:26	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	MET-S&CM-200.8	Copper	1.32	1.32	47.1	2.5	mg/kg dw	1	0.02	0.038	0.378		11/21/2017 13:26	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	MET-S&CM-200.8	Lead	2.24	2.24	47.1	4.23	mg/kg dw	1	0.005	0.009	0.095		11/21/2017 13:26	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	MET-S&CM-200.8	Nickel	1.95	1.95	47.1	3.69	mg/kg dw	1	0.01	0.019	0.378		11/21/2017 13:26	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	MET-S&CM-200.8	Selenium	0.298	0.298	47.1	0.563	mg/kg dw	1	0.1	0.189	0.378		11/21/2017 13:26	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	MET-S&CM-200.8	Silver	0.0072	0.0072	47.1	0.01361	mg/kg dw	1	0.0025	0.0047	0.095	J	11/21/2017 13:26	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	MET-S&CM-200.8	Thallium	0.031	0.031	47.1	0.0586	mg/kg dw	1	0.0025	0.0047	0.095	J	11/21/2017 13:26	Cilies	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	MET-S&CM-200.8	Zinc	6.43	6.43	47.1	12.16	mg/kg dw	1	0.1	0.189	0.378		11/21/2017 13:26	Cilies	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	NH3-N-T-S&CM-350	Ammonia as N	11	< 37.8	47.1	< 37.8	mg/kg dw	1	20	37.8	189	U	11/14/2017 10:19	Arazo	EPA 350.2	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	OCF-S&CM-8081	4,4-DDD	0	< 0.284	47.1	< 0.284	ug/kg dw	1	0.15	0.284	0.567	U	11/30/2017 21:01	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	OCF-S&CM-8081	4,4-DDE	0	< 0.284	47.1	< 0.284	ug/kg dw	1	0.15	0.284	0.567	U	11/30/2017 21:01	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	OCF-S&CM-8081	4,4-DDT	0	< 0.284	47.1	< 0.284	ug/kg dw	1	0.15	0.284	0.567	U	11/30/2017 21:01	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	OCF-S&CM-8081	a-BHC	0	< 0.284	47.1	< 0.284	ug/kg dw	1	0.15	0.284	0.567	U	11/30/2017 21:01	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	OCF-S&CM-8081	a-Chlordane	0	< 0.284	47.1	< 0.284	ug/kg dw	1	0.15	0.284	0.567	U	11/30/2017 21:01	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	OCF-S&CM-8081	Aldrin	0	< 0.284	47.1	< 0.284	ug/kg dw	1	0.15	0.284	0.567	U	11/30/2017 21:01	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	OCF-S&CM-8081	b-BHC	0	< 0.284	47.1	< 0.284	ug/kg dw	1	0.15	0.284	0.567	U	11/30/2017 21:01	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	OCF-S&CM-8081	Chlordane	0	< 0.284	47.1	< 0.284	ug/kg dw	1	0.15	0.284	0.567	U	11/30/2017 21:01	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	OCF-S&CM-8081	d-BHC	0	< 0.284	47.1	< 0.284	ug/kg dw	1	0.15	0.284	0.567	U	11/30/2017 21:01	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	OCF-S&CM-8081	Dieldrin	0	< 0.284	47.1	< 0.284	ug/kg dw	1	0.15	0.284	0.567	U	11/30/2017 21:01	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	OCF-S&CM-8081	Endosulfan I	0	< 0.284	47.1	< 0.284	ug/kg dw	1	0.15	0.284	0.567	U	11/30/2017 21:01	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	OCF-S&CM-8081	Endosulfan II	0	< 0.284	47.1	< 0.284	ug/kg dw	1	0.15	0.284	0.567	U	11/30/2017 21:01	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	OCF-S&CM-8081	Endosulfan sulfate	0	< 0.284	47.1	< 0.284	ug/kg dw	1	0.15	0.284	0.567	U	11/30/2017 21:01	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	OCF-S&CM-8081	Endrin	0	< 0.284	47.1	< 0.284	ug/kg dw	1	0.15	0.284	0.567	U	11/30/2017 21:01	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	OCF-S&CM-8081	Endrin aldehyde	0	< 0.284	47.1	< 0.284	ug/kg dw	1	0.15	0.284	0.567	U	11/30/2017 21:01	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	OCF-S&CM-8081	Endrin ketone	0	< 0.284	47.1	< 0.284	ug/kg dw	1	0.15	0.284	0.567	U	11/30/2017 21:01	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	OCF-S&CM-8081	g-BHC	0	< 0.284	47.1	< 0.284	ug/kg dw	1	0.15	0.284	0.567	U	11/30/2017 21:01	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	OCF-S&CM-8081	Heptachlor	0	< 0.284	47.1	< 0.284	ug/kg dw	1	0.15	0.284	0.567	U	11/30/2017 21:01	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	OCF-S&CM-8081	Heptachlor epoxide	0	< 0.284	47.1	< 0.284	ug/kg dw	1	0.15	0.284	0.567	U	11/30/2017 21:01	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	OCF-S&CM-8081	Toxaphene	0	< 0.284	47.1	< 0.284	ug/kg dw	1	0.15	0.284	0.567	U	11/30/2017 21:01	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	OCF-S&CM-8081	γ-Chlordane	0	< 0.284	47.1	< 0.284	ug/kg dw	1	0.15	0.284	0.567	U	11/30/2017 21:01	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	PCB-S&CM-8082	Total PCBs	0	< 1.89	47.1	< 1.89	ug/kg dw	1	1	1.89	3.78	U	12/01/2017 09:47	Sotruba	SW846 8082A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	SVOA-S&CM-8270	1,2,4-Trichlorobenzene	0	< 2.36	47.1	< 2.36	ug/kg dw	1	1.25	2.36	4.73	U	12/01/2017 07:54	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	SVOA-S&CM-8270	1,2-Dichlorobenzene	0	< 2.36	47.1	< 2.36	ug/kg dw	1	1.25	2.36	4.73	U	12/01/2017 07:54	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	SVOA-S&CM-8270	1,2-Diphenylhydrazine as Azobenzene	0	< 2.36	47.1	< 2.36	ug/kg dw	1	1.25	2.36	4.73	U	12/01/2017 07:54	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	SVOA-S&CM-8270	1,3-Dichlorobenzene	0	< 2.36	47.1	< 2.36	ug/kg dw	1	1.25	2.36	4.73	U	12/01/2017 07:54	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	SVOA-S&CM-8270	1,4-Dichlorobenzene	0	< 2.36	47.1	< 2.36	ug/kg dw	1	1.25	2.36	4.73	U	12/01/2017 07:54	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	SVOA-S&CM-8270	2,4,6-Trichlorophenol	0	< 4.73	47.1	< 4.73	ug/kg dw	1	2.5	4.73	9.45	U	12/01/2017 07:54	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	SVOA-S&CM-8270	2,4-Dichlorophenol	0	< 4.73	47.1	< 4.73	ug/kg dw	1	2.5	4.73	9.45	U	12/01/2017 07:54	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	SVOA-S&CM-8270	2,4-Dimethylphenol	0	< 4.73	47.1	< 4.73	ug/kg dw	1	2.5	4.73	9.45	U	12/01/2017 07:54	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	SVOA-S&CM-8270	2,4-Dinitrophenol	0	< 75.6	47.1	< 75.6	ug/kg dw	1	40	75.6	151.2	U	12/01/2017 07:54	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	SVOA-S&CM-8270	2,4-Dinitrotoluene	0	< 2.36	47.1	< 2.36	ug/kg dw	1	1.25	2.36	4.73	U	12/01/2017 07:54	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	SVOA-S&CM-8270	2,6-Dinitrotoluene	0	< 2.36	47.1	< 2.36	ug/kg dw	1	1.25	2.36	4.73	U	12/01/2017 07:54	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	SVOA-S&CM-8270	Indeno(1,2,3-cd)pyrene	0	< 2.36	47.1	< 2.36	ug/kg dw	1	1.25	2.36	4.73	U	12/01/2017 07:54	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	SVOA-S&CM-8270	Isophorone	0	< 2.36	47.1	< 2.36	ug/kg dw	1	1.25	2.36	4.73	U	12/01/2017 07:54	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	SVOA-S&CM-8270	Naphthalene	0	< 2.36	47.1	< 2.36	ug/kg dw	1	1.25	2.36	4.73	U	12/01/2017 07:54	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	SVOA-S&CM-8270	Nitrobenzene	0	< 2.36	47.1	< 2.36	ug/kg dw	1	1.25	2.36	4.73	U	12/01/2017 07:54	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	SVOA-S&CM-8270	n-Nitrosodimethylamine	0	< 2.36	47.1	< 2.36	ug/kg dw	1	1.25	2.36	4.73	U	12/01/2017 07:54	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	SVOA-S&CM-8270	n-nitroso-di-n-propylamine	0	< 2.36	47.1	< 2.36	ug/kg dw	1	1.25	2.36	4.73	U	12/01/2017 07:54	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	SVOA-S&CM-8270	n-Nitrosodiphenylamine	0	< 2.36	47.1	< 2.36	ug/kg dw	1	1.25	2.36	4.73	U	12/01/2017 07:54	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	SVOA-S&CM-8270	Pentachlorophenol	0	< 4.73	47.1	< 4.73	ug/kg dw	1	2.5	4.73	9.45	U	12/01/2017 07:54	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	SVOA-S&CM-8270	Phenanthrene	0	< 2.36	47.1	< 2.36	ug/kg dw	1	1.25	2.36	4.73	U	12/01/2017 07:54	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	SVOA-S&CM-8270	Phenol	0	< 4.73	47.1	< 4.73	ug/kg dw	1	2.5	4.73	9.45	U	12/01/2017 07:54	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	SVOA-S&CM-8270	Pyrene	0	< 2.36	47.1	< 2.36	ug/kg dw	1	1.25	2.36	4.73	U	12/01/2017 07:54	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	TOC-S&CM	Total Organic Carbon	0.9234	0.9234	47.1	1.7456	%	1	0.025	0.047	0.09		11/21/2017 19:18	Arazo	SW846 9060A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.33	GIC-AB-17-PA133-S	TPH-S&CM-TX1005	TPH, C6-C35	3.6	< 18.9	47.1	< 18.9	mg/kg dw	1	10	18.9	94.5	U	11/30/2017 13:01	Emiller	TCEQ 1005	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.34	GIC-AB-17-REF133-S	%Moisture	% Moisture	86.9	86.9			%	1	0.01	0.01	1		12/29/2017 13:35	Mmartin	SM 2540 G	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.34	GIC-AB-17-REF133-S	%Sol	% Solids	13.1	13.1			%	1	0.01	0.01	1		11/10/2017 13:00	Arazo	SM 2540 G	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.34	GIC-AB-17-REF133-S	Cn-S&CM	Cyanide, Total	0	< 1.91	86.9	< 1.91	mg/kg dw	1	0.25	1.91	3.817	U	11/15/2017 21:40	Arazo	SW846 9014	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.34	GIC-AB-17-REF133-S	Cr III-S&CM	Trivalent Chromium	1.26	< 3.817	86.9	9.62	mg/kg dw	1	0.5	3.817	7.63		12/29/2017 13:36	Mmartin	Calculation	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.34	GIC-AB-17-REF133-S	Cr VI-S&CM	Chromium, Hexavalent	0	< 3.817	86.9	< 3.817	mg/kg dw	1	0.5	3.817	7.63	U	11/27/2017 19:14	Arazo	SW846 7196A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.34	GIC-AB-17-REF133-S	HG-S&CM	Mercury	0.004	< 0.076	86.9	< 0.076	mg/kg dw	1	0.01	0.076	0.153	U	11/20/2017 20:23	Sherandez	SW846 7471B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.34	GIC-AB-17-REF133-S	MET-S&CM-200.8	Antimony	0.0019	< 0.382	86.9	< 0.382	mg/kg dw	1	0.05	0.382	0.763	U	11/21/2017 13:31	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.34	GIC-AB-17-REF133-S	MET-S&CM-200.8	Arsenic	0.504	0.504	86.9	3.847	mg/kg dw	1	0.005	0.038	0.382		11/21/2017 13:31	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.34	GIC-AB-17-REF133-S	MET-S&CM-200.8	Beryllium	0.064	0.064	86.9	0.4885	mg/kg dw	1	0.001	0.008	0.153		11/21/2017 13:31	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.34	GIC-AB-17-REF133-S	MET-S&CM-200.8	Cadmium	0.013	< 0.038	86.9	0.0992	mg/kg dw	1	0.005	0.038	0.763	J	11/21/2017 13:31	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.34	GIC-AB-17-REF133-S	MET-S&CM-200.8	Chromium	1.26	1.26	86.9	9.62	mg/kg dw	1	0.015	0.115	2.29		11/21/2017 13:31	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.34	GIC-AB-17-REF133-S	MET-S&CM-200.8	Copper	0.67	0.67	86.9	5.115	mg/kg dw	1	0.02	0.153	1.527		11/21/2017 13:31	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.34	GIC-AB-17-REF133-S	MET-S&CM-200.8	Lead	1.09	1.09	86.9	8.32	mg/kg dw	1	0.005	0.038	0.382		11/21/2017 13:31	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.34	GIC-AB-17-REF133-S	MET-S&CM-200.8	Nickel	0.976	0.976	86.9	7.45	mg/kg dw	1	0.01	0.076	1.527		11/21/2017 13:31	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.34	GIC-AB-17-REF133-S	MET-S&CM-200.8	Selenium	0.16	< 0.763	86.9	1.221	mg/kg dw	1	0.1	0.763	1.527	J	11/21/2017 13:31	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.34	GIC-AB-17-REF133-S	MET-S&CM-200.8	Silver	0.0042	< 0.0191	86.9	0.03206	mg/kg dw	1	0.0025	0.0191	0.382	J	11/21/2017 13:31	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.34	GIC-AB-17-REF133-S	MET-S&CM-200.8	Thallium	0.013	< 0.0191	86.9	0.0992	mg/kg dw	1	0.0025	0.0191	0.382	J	11/21/2017 13:31	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.34	GIC-AB-17-REF133-S	MET-S&CM-200.8	Zinc	3.44	3.44	86.9	26.26	mg/kg dw	1	0.1	0.763	1.527		11/21/2017 13:31	Ciles	EPA 200.8	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.34	GIC-AB-17-REF133-S	NH3-N-T-S&CM-350	Ammonia as N	21	< 152.7	86.9	160	mg/kg dw	1	20	152.7	763	J	11/14/2017 10:19	Arazo	EPA 350.2	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.34	GIC-AB-17-REF133-S	OCp-S&CM-8081	4,4-DDD	0	< 1.145	86.9	< 1.145	ug/kg dw	1	0.15	1.145	2.29	U	12/04/2017 00:54	Emiller	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.34	GIC-AB-17-REF133-S	OCp-S&CM-8081	4,4-DDE	0	< 1.145	86.9	< 1.145	ug/kg dw	1	0.15	1.145	2.29	U	12/04/2017 00:54	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.34	GIC-AB-17-REF133-S	OCp-S&CM-8081	4,4-DDT	0	< 1.145	86.9	< 1.145	ug/kg dw	1	0.15	1.145	2.29	U	12/04/2017 00:54	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.34	GIC-AB-17-REF133-S	OCp-S&CM-8081	a-BHC	0	< 1.145	86.9	< 1.145	ug/kg dw	1	0.15	1.145	2.29	U	12/04/2017 00:54	Sotruba	SW846 8081B	Sediment	Anamar Env Consulting, Inc.	NWDLS

Attachment F
Electronic Data Deliverable (EDD): Raw Laboratory Results Data

JobName	JobID	SampleID	Client Sample ID	Test	Parameter	NumericResult	Result	% Moisture	Dry Wt Result	Units	D.F.	MDL	SDL	LRL	Qualifier	AnalyzedDate	Analyzed By	Method	Rep Matrix	ClientName	Lab Name
GIWW Across Aransas Bay	1711131	1711131.34	GIC-AB-17-REF133-S	SVOA-S&CM-8270	Pentachlorophenol	0	< 19.08	86.9	< 19.08	ug/kg dw	1	2.5	19.08	38.17	U	12/01/2017 07:18	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.34	GIC-AB-17-REF133-S	SVOA-S&CM-8270	Phenanthrene	0	< 9.54	86.9	< 9.54	ug/kg dw	1	1.25	9.54	19.08	U	12/01/2017 07:18	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.34	GIC-AB-17-REF133-S	SVOA-S&CM-8270	Phenol	0	< 19.08	86.9	< 19.08	ug/kg dw	1	2.5	19.08	38.17	U	12/01/2017 07:18	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.34	GIC-AB-17-REF133-S	SVOA-S&CM-8270	Pyrene	0	< 9.54	86.9	< 9.54	ug/kg dw	1	1.25	9.54	19.08	U	12/01/2017 07:18	Sotruba	SW846 8270D	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.34	GIC-AB-17-REF133-S	TOC-S&CM	Total Organic Carbon	0.9071	0.9071	86.9	6.9244	%	1	0.025	0.191	0.38		11/21/2017 19:18	Arazo	SW846 9060A	Sediment	Anamar Env Consulting, Inc.	NWDLS
GIWW Across Aransas Bay	1711131	1711131.34	GIC-AB-17-REF133-S	TPH-S&CM-TX1005	TPH, C6-C35	3.46	< 76.3	86.9	< 76.3	mg/kg dw	1	10	76.3	381.7	U	11/22/2017 22:51	Emiller	TCEQ 1005	Sediment	Anamar Env Consulting, Inc.	NWDLS

TDL - Target Detection Limit – Performance goal set greater than the lowest, technically feasible detection limit for routine analytical methods
LOQ - Limit of Quantitation - Analyte concentration that corresponds to the lowest level lab reports with confidence in accuracy of quantitation
LRL - Laboratory Reporting Limit – Analyte concentration that corresponds to the lowest level lab reports with confidence in accuracy of quantitation
MDL - Method Detection Limit – The minimum concentration of a substance (an analyte) that can be measured and reported with a 99% confidence
SDL - Sample Detection Limit – The minimum concentration of a substance (an analyte) that can be measured and reported with a 99% confidence
Q - Data Qualifier
J - Estimated value - The reported value is between the detection limit (MDL/SDL) and quantitation limit (LOQ/LRL).
B - Analyte was found in the associated method blank.
U - Non-detected compound.
P - Difference between GC column results greater than 40% RPD. Higher result reported.
S - The surrogate recovery was outside the established laboratory recovery limit.

and less than the available regulatory criteria or guidelines for evaluating dredged material and without qualification (i.e. J-flagged). The LOQ is at or above the lowest calibration standard and without qualification (i.e. J-flagged). The LRL is an adjusted limit thus sample specific and accounts for preparation weights and volume to provide evidence that the analyte concentration is greater than zero. Based on standard deviation of replicate spiked samples taken through all steps of the method, the LOD provides evidence that the analyte concentration is greater than zero. The SDL is an adjusted limit thus sample specific and accounts for preparation weight and volume to provide evidence that the analyte concentration is greater than zero.

olumes, dilutions, and moisture content of soil/sediments. If there are no sample specific parameters, the LOQ=LF
the analytical procedure following 40 CFR Part 136 Appendix E
hts and volumes, dilutions, and moisture content of soil/sediments. If there are no sample specific parameters, the MDL=SE

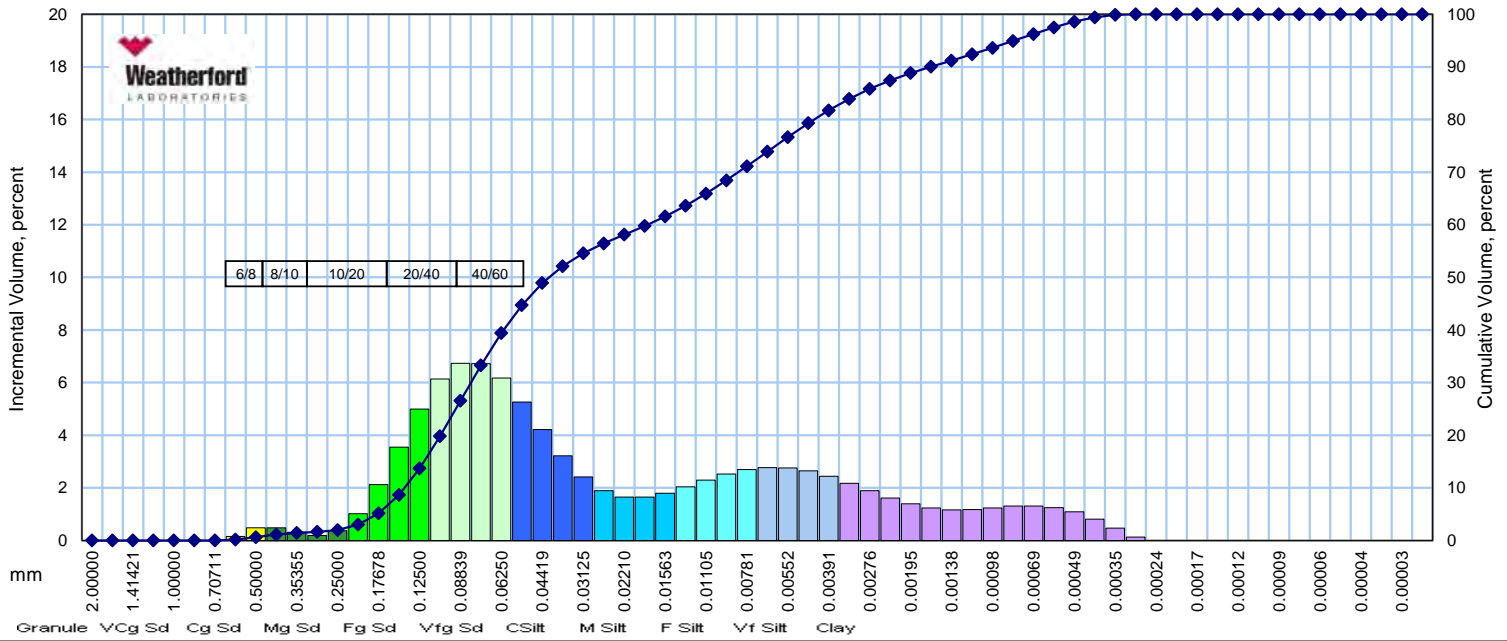
Attachment G
Grain Size Data

LASER GRAIN SIZE ANALYSIS

Sediment

North Water District Laboratory Services, Inc.
GIWW Across Aransas Bay

Sample ID: GIC-AB-17-02-S
File: HH-99426



Wentworth Size Class	Mesh Size		Phi of Screen	U.S. Sieve No.	Incremental Volume, percent	Cumulative Volume, percent
	Inches	Millimeters				
Granule & VCg Sand	0.078740	2.00000	- 1.00	10	0.0	0.0
	0.066212	1.68179	- 0.75	12	0.0	0.0
	0.055678	1.41421	- 0.50	14	0.0	0.0
	0.046819	1.18921	- 0.25	16	0.0	0.0
	0.039370	1.00000	0.00	18	0.0	0.0
Cg Sand	0.033106	0.84090	0.25	20	0.0	0.0
	0.027839	0.70711	0.50	25	0.0	0.0
	0.023410	0.59460	0.75	30	0.2	0.2
	0.019685	0.50000	1.00	35	0.5	0.6
Mg Sand	0.016553	0.42045	1.25	40	0.5	1.1
	0.013919	0.35355	1.50	45	0.3	1.4
	0.011705	0.29730	1.75	50	0.2	1.6
Fg Sand	0.009843	0.25000	2.00	60	0.4	2.0
	0.008277	0.21022	2.25	70	1.0	3.0
	0.006960	0.17678	2.50	80	2.1	5.1
	0.005852	0.14865	2.75	100	3.5	8.7
Vfg Sand	0.004921	0.12500	3.00	120	5.0	13.7
	0.004138	0.10511	3.25	140	6.1	19.8
	0.003480	0.08839	3.50	170	6.7	26.6
	0.002926	0.07433	3.75	200	6.7	33.3
C Silt	0.002461	0.06250	4.00	230	6.2	39.4
	0.002069	0.05256	4.25	270	5.3	44.7
	0.001740	0.04419	4.50	325	4.2	48.9
	0.001463	0.03716	4.75	400	3.2	52.1
M Silt	0.001230	0.03125	5.00	450	2.4	54.6
	0.001035	0.02628	5.25	500	1.9	56.5
	0.000870	0.02210	5.50	635	1.7	58.1
	0.000732	0.01858	5.75		1.6	59.8
F Silt	0.000615	0.01563	6.00		1.8	61.6
	0.000517	0.01314	6.25		2.0	63.6
	0.000435	0.01105	6.50		2.3	65.9
	0.000366	0.00929	6.75		2.5	68.4
Vf Silt	0.000308	0.00781	7.00		2.7	71.1
	0.000259	0.00657	7.25		2.8	73.9
	0.000217	0.00552	7.50		2.8	76.7
	0.000183	0.00465	7.75		2.6	79.3
	0.000154	0.00391	8.00		2.4	81.8

Wentworth Size Class	Mesh Size		Phi of Screen	U.S. Sieve No.	Incremental Volume, percent	Cumulative Volume, percent
	Inches	Millimeters				
Clay	0.000129	0.00329	8.25		2.2	83.9
	0.000109	0.00276	8.50		1.9	85.8
	0.000091	0.00232	8.75		1.6	87.4
	0.000077	0.00195	9.00		1.4	88.8
	0.000065	0.00164	9.25		1.2	90.1
	0.000054	0.00138	9.50		1.2	91.2
	0.000046	0.00116	9.75		1.2	92.4
	0.000038	0.00098	10.00		1.2	93.6
	0.000032	0.00082	10.25		1.3	94.9
	0.000027	0.00069	10.50		1.3	96.3
	0.000023	0.00058	10.75		1.3	97.5
	0.000019	0.00049	11.00		1.1	98.6
	0.000016	0.00041	11.25		0.8	99.4
	0.000014	0.00035	11.50		0.5	99.9
	0.000011	0.00029	11.75		0.1	100.0
	0.000010	0.00024	12.00		0.0	100.0
	0.000008	0.00021	12.25		0.0	100.0
	0.000007	0.00017	12.50		0.0	100.0
	0.000006	0.00015	12.75		0.0	100.0
	0.000005	0.00012	13.00		0.0	100.0
	0.000004	0.00010	13.25		0.0	100.0
	0.000003	0.00009	13.51		0.0	100.0
	0.000003	0.00007	13.74		0.0	100.0
0.000002	0.00006	14.00		0.0	100.0	
0.000002	0.000051	14.26		0.0	100.0	
0.000002	0.000043	14.51		0.0	100.0	
0.000001	0.000036	14.76		0.0	100.0	
0.000001	0.000031	14.98		0.0	100.0	
0.000001	0.000026	15.23		0.0	100.0	
TOTALS					100.0	100.0

Description	Sieve Size	Volume Percent
Granule	10	0.0
Very Coarse Sand	18	0.0
Coarse Sand	35	0.6
Medium Sand	60	1.4
Fine Sand	120	11.7
Very Fine Sand	230	25.8
Coarse Silt	450	15.1
Medium Silt		7.0
Fine Silt		9.6
Very Fine Silt		10.6
Clay		18.2
Total		100.0

Percentile	Cumulative Volume Percent greater than		
	Phi Value	Particle Size	
		Inches	Millimeters
5	2.4870	0.0070	0.1784
10	2.8227	0.0056	0.1413
16	3.0989	0.0046	0.1167
25	3.4431	0.0036	0.0919
50	4.5761	0.0017	0.0419
75	7.3492	0.0002	0.0061
84	8.2583	0.0001	0.0033
90	9.2390	0.0001	0.0017
95	10.2609	0.0000	0.0008

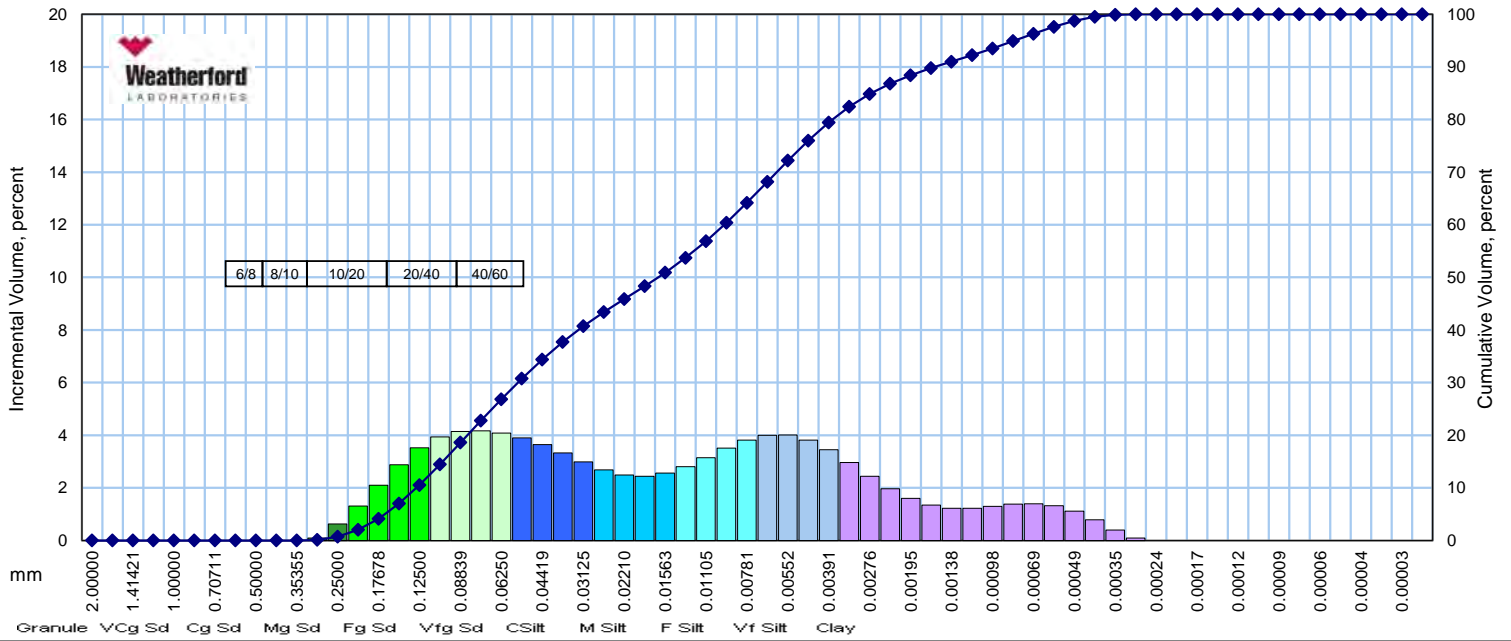
Measure	Trask, mm	Folk, phi	Inches
Median	0.0419	4.5761	0.0017
Mean	0.0490	5.3111	0.0019
Sorting	3.8719	2.4677	
Skewness	0.3208	0.4449	
Kurtosis	0.3071	0.8157	

LASER GRAIN SIZE ANALYSIS

Sediment

North Water District Laboratory Services, Inc.
GIWW Across Aransas Bay

Sample ID: GIC-AB-17-03-S
File: HH-99426



Wentworth Size Class	Mesh Size		Phi of Screen	U.S. Sieve No.	Incremental Volume, percent	Cumulative Volume, percent
	Inches	Millimeters				
Granule & VCg Sand	0.078740	2.00000	- 1.00	10	0.0	0.0
	0.066212	1.68179	- 0.75	12	0.0	0.0
	0.055678	1.41421	- 0.50	14	0.0	0.0
	0.046819	1.18921	- 0.25	16	0.0	0.0
	0.039370	1.00000	0.00	18	0.0	0.0
Cg Sand	0.033106	0.84090	0.25	20	0.0	0.0
	0.027839	0.70711	0.50	25	0.0	0.0
	0.023410	0.59460	0.75	30	0.0	0.0
	0.019685	0.50000	1.00	35	0.0	0.0
Mg Sand	0.016553	0.42045	1.25	40	0.0	0.0
	0.013919	0.35355	1.50	45	0.0	0.0
	0.011705	0.29730	1.75	50	0.1	0.1
	0.009843	0.25000	2.00	60	0.6	0.7
Fg Sand	0.008277	0.21022	2.25	70	1.3	2.0
	0.006960	0.17678	2.50	80	2.1	4.1
	0.005852	0.14865	2.75	100	2.9	7.0
	0.004921	0.12500	3.00	120	3.5	10.5
Vfg Sand	0.004138	0.10511	3.25	140	3.9	14.5
	0.003480	0.08839	3.50	170	4.1	18.6
	0.002926	0.07433	3.75	200	4.2	22.8
	0.002461	0.06250	4.00	230	4.1	26.9
C Silt	0.002069	0.05256	4.25	270	3.9	30.8
	0.001740	0.04419	4.50	325	3.6	34.4
	0.001463	0.03716	4.75	400	3.3	37.7
	0.001230	0.03125	5.00	450	3.0	40.7
M Silt	0.001035	0.02628	5.25	500	2.7	43.4
	0.000870	0.02210	5.50	635	2.5	45.9
	0.000732	0.01858	5.75		2.4	48.3
	0.000615	0.01563	6.00		2.6	50.9
F Silt	0.000517	0.01314	6.25		2.8	53.7
	0.000435	0.01105	6.50		3.1	56.9
	0.000366	0.00929	6.75		3.5	60.4
	0.000308	0.00781	7.00		3.8	64.2
Vf Silt	0.000259	0.00657	7.25		4.0	68.2
	0.000217	0.00552	7.50		4.0	72.2
	0.000183	0.00465	7.75		3.8	76.0
	0.000154	0.00391	8.00		3.5	79.4

Wentworth Size Class	Mesh Size		Phi of Screen	U.S. Sieve No.	Incremental Volume, percent	Cumulative Volume, percent
	Inches	Millimeters				
Clay	0.000129	0.00329	8.25		3.0	82.4
	0.000109	0.00276	8.50		2.4	84.9
	0.000091	0.00232	8.75		2.0	86.8
	0.000077	0.00195	9.00		1.6	88.4
	0.000065	0.00164	9.25		1.3	89.8
	0.000054	0.00138	9.50		1.2	91.0
	0.000046	0.00116	9.75		1.2	92.2
	0.000038	0.00098	10.00		1.3	93.5
	0.000032	0.00082	10.25		1.4	94.9
	0.000027	0.00069	10.50		1.4	96.3
	0.000023	0.00058	10.75		1.3	97.6
	0.000019	0.00049	11.00		1.1	98.7
	0.000016	0.00041	11.25		0.8	99.5
	0.000014	0.00035	11.50		0.4	99.9
	0.000011	0.00029	11.75		0.1	100.0
	0.000010	0.00024	12.00		0.0	100.0
	0.000008	0.00021	12.25		0.0	100.0
	0.000007	0.00017	12.50		0.0	100.0
	0.000006	0.00015	12.75		0.0	100.0
	0.000005	0.00012	13.00		0.0	100.0
	0.000004	0.00010	13.25		0.0	100.0
	0.000003	0.00009	13.51		0.0	100.0
	0.000003	0.00007	13.74		0.0	100.0
	0.000002	0.00006	14.00		0.0	100.0
	0.000002	0.000051	14.26		0.0	100.0
	0.000002	0.000043	14.51		0.0	100.0
	0.000001	0.000036	14.76		0.0	100.0
0.000001	0.000031	14.98		0.0	100.0	
0.000001	0.000026	15.23		0.0	100.0	
TOTALS					100.0	100.0

Description	Sieve Size	Volume Percent
Granule	10	0.0
Very Coarse Sand	18	0.0
Coarse Sand	35	0.0
Medium Sand	60	0.7
Fine Sand	120	9.8
Very Fine Sand	230	16.3
Coarse Silt	450	13.9
Medium Silt		10.2
Fine Silt		13.3
Very Fine Silt		15.3
Clay		20.6
Total		100.0

Percentile	Phi Value	Particle Size	
		Inches	Millimeters
5	2.5819	0.0066	0.1670
10	2.9643	0.0050	0.1281
16	3.3431	0.0039	0.0985
25	3.8853	0.0027	0.0677
50	5.9142	0.0007	0.0166
75	7.6830	0.0002	0.0049
84	8.4060	0.0001	0.0029
90	9.2959	0.0001	0.0016
95	10.2680	0.0000	0.0008

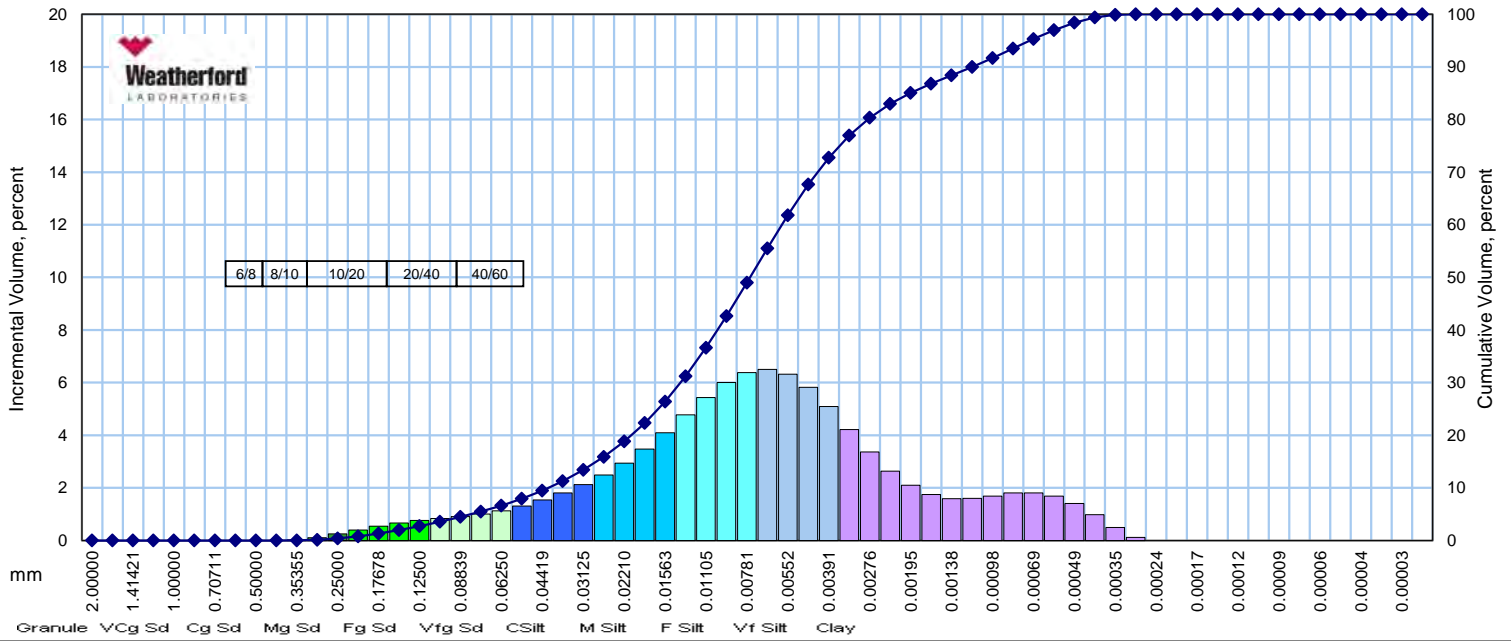
Measure	Trask, mm	Folk, phi	Inches
Median	0.0166	5.9142	0.0007
Mean	0.0363	5.8878	0.0014
Sorting	3.7293	2.4303	
Skewness	1.1975	0.0586	
Kurtosis	0.2482	0.8294	

LASER GRAIN SIZE ANALYSIS

Sediment

North Water District Laboratory Services, Inc.
GIWW Across Aransas Bay

Sample ID: GIC-AB-17-04-S
File: HH-99426



Wentworth Size Class	Mesh Size		Phi of Screen	U.S. Sieve No.	Incremental Volume, percent	Cumulative Volume, percent
	Inches	Millimeters				
Granule & VCg Sand	0.078740	2.00000	- 1.00	10	0.0	0.0
	0.066212	1.68179	- 0.75	12	0.0	0.0
	0.055678	1.41421	- 0.50	14	0.0	0.0
	0.046819	1.18921	- 0.25	16	0.0	0.0
	0.039370	1.00000	0.00	18	0.0	0.0
Cg Sand	0.033106	0.84090	0.25	20	0.0	0.0
	0.027839	0.70711	0.50	25	0.0	0.0
	0.023410	0.59460	0.75	30	0.0	0.0
Mg Sand	0.019685	0.50000	1.00	35	0.0	0.0
	0.016553	0.42045	1.25	40	0.0	0.0
	0.013919	0.35355	1.50	45	0.0	0.0
Fg Sand	0.011705	0.29730	1.75	50	0.1	0.1
	0.009843	0.25000	2.00	60	0.3	0.4
	0.008277	0.21022	2.25	70	0.4	0.8
Vfg Sand	0.006960	0.17678	2.50	80	0.5	1.3
	0.005852	0.14865	2.75	100	0.7	2.0
	0.004921	0.12500	3.00	120	0.8	2.7
C Silt	0.004138	0.10511	3.25	140	0.8	3.6
	0.003480	0.08839	3.50	170	0.9	4.5
	0.002926	0.07433	3.75	200	1.0	5.5
	0.002461	0.06250	4.00	230	1.1	6.6
M Silt	0.002069	0.05256	4.25	270	1.3	7.9
	0.001740	0.04419	4.50	325	1.5	9.5
	0.001463	0.03716	4.75	400	1.8	11.3
F Silt	0.001230	0.03125	5.00	450	2.1	13.4
	0.001035	0.02628	5.25	500	2.5	15.9
	0.000870	0.02210	5.50	635	2.9	18.8
Vf Silt	0.000732	0.01858	5.75		3.5	22.3
	0.000615	0.01563	6.00		4.1	26.4
	0.000517	0.01314	6.25		4.8	31.2
	0.000435	0.01105	6.50		5.4	36.6
Clay	0.000366	0.00929	6.75		6.0	42.6
	0.000308	0.00781	7.00		6.4	49.0
	0.000259	0.00657	7.25		6.5	55.5
	0.000217	0.00552	7.50		6.3	61.8
	0.000183	0.00465	7.75		5.8	67.7
	0.000154	0.00391	8.00		5.1	72.7

Wentworth Size Class	Mesh Size		Phi of Screen	U.S. Sieve No.	Incremental Volume, percent	Cumulative Volume, percent
	Inches	Millimeters				
Clay	0.000129	0.00329	8.25		4.2	77.0
	0.000109	0.00276	8.50		3.4	80.3
	0.000091	0.00232	8.75		2.6	83.0
	0.000077	0.00195	9.00		2.1	85.1
	0.000065	0.00164	9.25		1.8	86.8
	0.000054	0.00138	9.50		1.6	88.4
	0.000046	0.00116	9.75		1.6	90.0
	0.000038	0.00098	10.00		1.7	91.7
	0.000032	0.00082	10.25		1.8	93.5
	0.000027	0.00069	10.50		1.8	95.3
	0.000023	0.00058	10.75		1.7	97.0
	0.000019	0.00049	11.00		1.4	98.4
	0.000016	0.00041	11.25		1.0	99.4
	0.000014	0.00035	11.50		0.5	99.9
	0.000011	0.00029	11.75		0.1	100.0
	0.000010	0.00024	12.00		0.0	100.0
	0.000008	0.00021	12.25		0.0	100.0
	0.000007	0.00017	12.50		0.0	100.0
	0.000006	0.00015	12.75		0.0	100.0
	0.000005	0.00012	13.00		0.0	100.0
	0.000004	0.00010	13.25		0.0	100.0
	0.000003	0.00009	13.51		0.0	100.0
	0.000003	0.00007	13.74		0.0	100.0
0.000002	0.00006	14.00		0.0	100.0	
0.000002	0.000051	14.26		0.0	100.0	
0.000002	0.000043	14.51		0.0	100.0	
0.000001	0.000036	14.76		0.0	100.0	
0.000001	0.000031	14.98		0.0	100.0	
0.000001	0.000026	15.23		0.0	100.0	
TOTALS					100.0	100.0

Description	Sieve Size	Volume Percent
Granule	10	0.0
Very Coarse Sand	18	0.0
Coarse Sand	35	0.0
Medium Sand	60	0.4
Fine Sand	120	2.4
Very Fine Sand	230	3.9
Coarse Silt	450	6.8
Medium Silt		13.0
Fine Silt		22.6
Very Fine Silt		23.7
Clay		27.3
Total		100.0

Percentile	Phi Value	Particle Size	
		Inches	Millimeters
5	3.6313	0.0032	0.0807
10	4.5763	0.0017	0.0419
16	5.2587	0.0010	0.0261
25	5.9177	0.0007	0.0165
50	7.0383	0.0003	0.0076
75	8.1274	0.0001	0.0036
84	8.8662	0.0001	0.0021
90	9.7479	0.0000	0.0012
95	10.4558	0.0000	0.0007

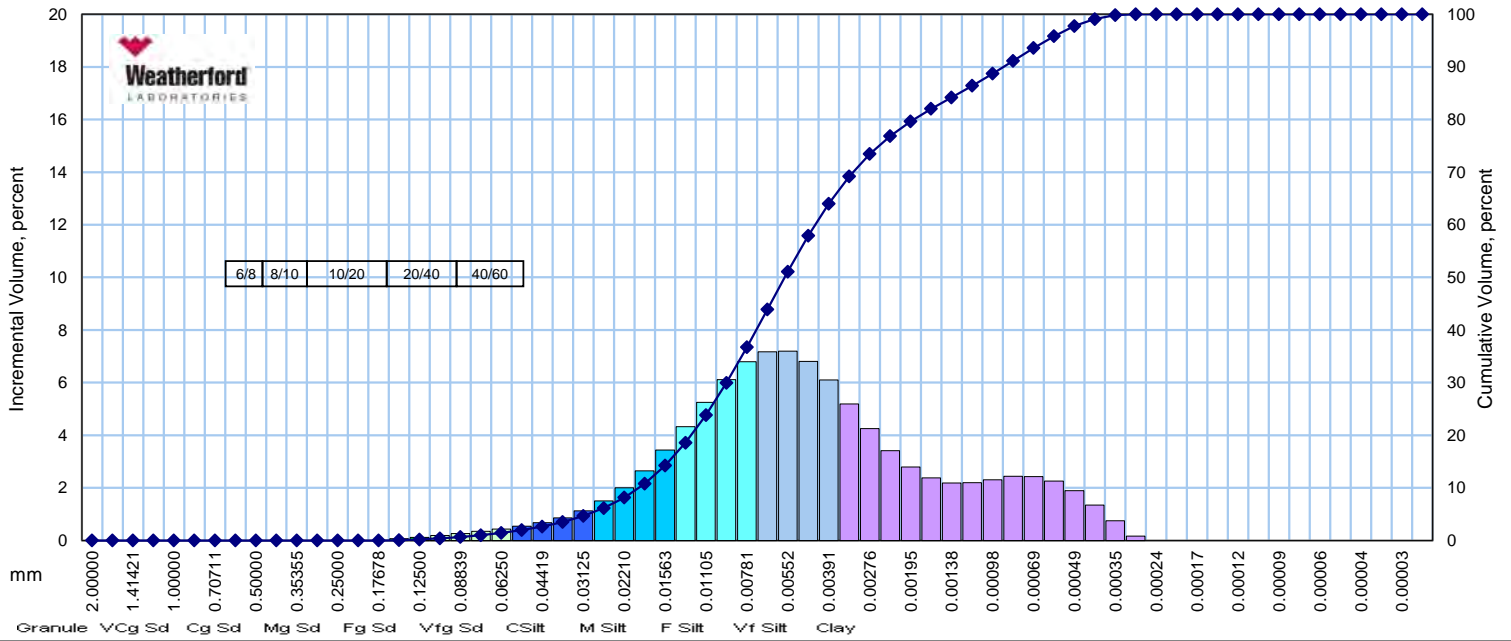
Measure	Trask, mm	Folk, phi	Inches
Median	0.0076	7.0383	0.0003
Mean	0.0101	7.0544	0.0004
Sorting	2.1508	1.9359	
Skewness	1.0220	0.0075	
Kurtosis	0.1591	1.2658	

LASER GRAIN SIZE ANALYSIS

Sediment

North Water District Laboratory Services, Inc.
GIWW Across Aransas Bay

Sample ID: GIC-AB-17-05-S
File: HH-99426



Wentworth Size Class	Mesh Size		Phi of Screen	U.S. Sieve No.	Incremental Volume, percent	Cumulative Volume, percent
	Inches	Millimeters				
Granule & VCg Sand	0.078740	2.00000	- 1.00	10	0.0	0.0
	0.066212	1.68179	- 0.75	12	0.0	0.0
	0.055678	1.41421	- 0.50	14	0.0	0.0
	0.046819	1.18921	- 0.25	16	0.0	0.0
	0.039370	1.00000	0.00	18	0.0	0.0
Cg Sand	0.03106	0.84090	0.25	20	0.0	0.0
	0.027839	0.70711	0.50	25	0.0	0.0
	0.023410	0.59460	0.75	30	0.0	0.0
	0.019685	0.50000	1.00	35	0.0	0.0
Mg Sand	0.016553	0.42045	1.25	40	0.0	0.0
	0.013919	0.35355	1.50	45	0.0	0.0
	0.011705	0.29730	1.75	50	0.0	0.0
	0.009843	0.25000	2.00	60	0.0	0.0
Fg Sand	0.008277	0.21022	2.25	70	0.0	0.0
	0.006960	0.17678	2.50	80	0.0	0.0
	0.005852	0.14865	2.75	100	0.1	0.1
	0.004921	0.12500	3.00	120	0.1	0.2
Vfg Sand	0.004138	0.10511	3.25	140	0.2	0.4
	0.003480	0.08839	3.50	170	0.3	0.7
	0.002926	0.07433	3.75	200	0.3	1.0
	0.002461	0.06250	4.00	230	0.4	1.4
C Silt	0.002069	0.05256	4.25	270	0.5	2.0
	0.001740	0.04419	4.50	325	0.7	2.7
	0.001463	0.03716	4.75	400	0.9	3.5
	0.001230	0.03125	5.00	450	1.1	4.7
M Silt	0.001035	0.02628	5.25	500	1.5	6.2
	0.000870	0.02210	5.50	635	2.0	8.2
	0.000732	0.01858	5.75		2.7	10.8
	0.000615	0.01563	6.00		3.4	14.3
F Silt	0.000517	0.01314	6.25		4.3	18.6
	0.000435	0.01105	6.50		5.2	23.8
	0.000366	0.00929	6.75		6.1	29.9
	0.000308	0.00781	7.00		6.8	36.7
Vf Silt	0.000259	0.00657	7.25		7.2	43.9
	0.000217	0.00552	7.50		7.2	51.1
	0.000183	0.00465	7.75		6.8	57.9
	0.000154	0.00391	8.00		6.1	64.0

Wentworth Size Class	Mesh Size		Phi of Screen	U.S. Sieve No.	Incremental Volume, percent	Cumulative Volume, percent
	Inches	Millimeters				
Clay	0.000129	0.00329	8.25		5.2	69.2
	0.000109	0.00276	8.50		4.3	73.5
	0.000091	0.00232	8.75		3.4	76.9
	0.000077	0.00195	9.00		2.8	79.7
	0.000065	0.00164	9.25		2.4	82.0
	0.000054	0.00138	9.50		2.2	84.2
	0.000046	0.00116	9.75		2.2	86.4
	0.000038	0.00098	10.00		2.3	88.7
	0.000032	0.00082	10.25		2.4	91.2
	0.000027	0.00069	10.50		2.4	93.6
	0.000023	0.00058	10.75		2.3	95.8
	0.000019	0.00049	11.00		1.9	97.7
	0.000016	0.00041	11.25		1.3	99.1
	0.000014	0.00035	11.50		0.8	99.8
	0.000011	0.00029	11.75		0.2	100.0
	0.000010	0.00024	12.00		0.0	100.0
	0.000008	0.00021	12.25		0.0	100.0
	0.000007	0.00017	12.50		0.0	100.0
	0.000006	0.00015	12.75		0.0	100.0
	0.000005	0.00012	13.00		0.0	100.0
	0.000004	0.00010	13.25		0.0	100.0
	0.000003	0.00009	13.51		0.0	100.0
	0.000003	0.00007	13.74		0.0	100.0
	0.000002	0.00006	14.00		0.0	100.0
	0.000002	0.000051	14.26		0.0	100.0
	0.000002	0.000043	14.51		0.0	100.0
0.000001	0.000036	14.76		0.0	100.0	
0.000001	0.000031	14.98		0.0	100.0	
0.000001	0.000026	15.23		0.0	100.0	
TOTALS					100.0	100.0

Description	Sieve Size	Volume Percent
Granule	10	0.0
Very Coarse Sand	18	0.0
Coarse Sand	35	0.0
Medium Sand	60	0.0
Fine Sand	120	0.2
Very Fine Sand	230	1.2
Coarse Silt	450	3.2
Medium Silt		9.6
Fine Silt		22.5
Very Fine Silt		27.3
Clay		36.0
Total		100.0

Percentile	Phi Value	Particle Size	
		Inches	Millimeters
5	5.0641	0.0012	0.0299
10	5.6804	0.0008	0.0195
16	6.1076	0.0006	0.0145
25	6.5506	0.0004	0.0107
50	7.4612	0.0002	0.0057
75	8.6063	0.0001	0.0026
84	9.4752	0.0001	0.0014
90	10.1323	0.0000	0.0009
95	10.6531	0.0000	0.0006

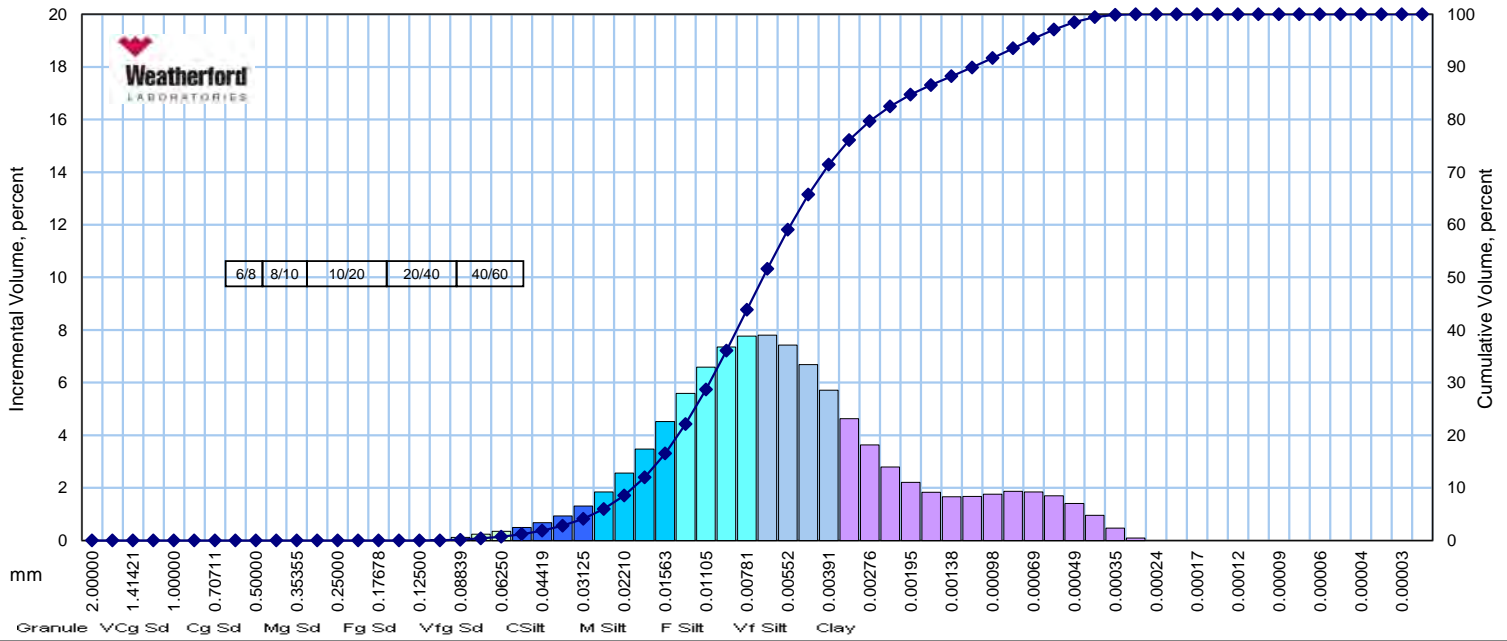
Measure	Trask, mm	Folk, phi	Inches
Median	0.0057	7.4612	0.0002
Mean	0.0066	7.6813	0.0003
Sorting	2.0390	1.6887	
Skewness	0.8500	0.1692	
Kurtosis	0.2177	1.1143	

LASER GRAIN SIZE ANALYSIS

Sediment

North Water District Laboratory Services, Inc.
GIWW Across Aransas Bay

Sample ID: GIC-AB-17-06-S
File: HH-99426



Wentworth Size Class	Mesh Size		Phi of Screen	U.S. Sieve No.	Incremental Volume, percent	Cumulative Volume, percent
	Inches	Millimeters				
Granule & VCg Sand	0.078740	2.00000	- 1.00	10	0.0	0.0
	0.066212	1.68179	- 0.75	12	0.0	0.0
	0.055678	1.41421	- 0.50	14	0.0	0.0
	0.046819	1.18921	- 0.25	16	0.0	0.0
	0.039370	1.00000	0.00	18	0.0	0.0
Cg Sand	0.03106	0.84090	0.25	20	0.0	0.0
	0.027839	0.70711	0.50	25	0.0	0.0
	0.023410	0.59460	0.75	30	0.0	0.0
Mg Sand	0.019685	0.50000	1.00	35	0.0	0.0
	0.016553	0.42045	1.25	40	0.0	0.0
	0.013919	0.35355	1.50	45	0.0	0.0
Fg Sand	0.011705	0.29730	1.75	50	0.0	0.0
	0.009843	0.25000	2.00	60	0.0	0.0
	0.008277	0.21022	2.25	70	0.0	0.0
Vfg Sand	0.006960	0.17678	2.50	80	0.0	0.0
	0.005852	0.14865	2.75	100	0.0	0.0
	0.004921	0.12500	3.00	120	0.0	0.0
	0.004138	0.10511	3.25	140	0.0	0.0
C Silt	0.003480	0.08839	3.50	170	0.1	0.1
	0.002926	0.07433	3.75	200	0.2	0.4
	0.002461	0.06250	4.00	230	0.3	0.7
	0.002069	0.05256	4.25	270	0.5	1.2
M Silt	0.001740	0.04419	4.50	325	0.7	1.9
	0.001463	0.03716	4.75	400	0.9	2.8
	0.001230	0.03125	5.00	450	1.3	4.1
	0.001035	0.02628	5.25	500	1.8	6.0
F Silt	0.000870	0.02210	5.50	635	2.6	8.5
	0.000732	0.01858	5.75		3.5	12.0
	0.000615	0.01563	6.00		4.5	16.5
	0.000517	0.01314	6.25		5.6	22.1
Vf Silt	0.000435	0.01105	6.50		6.6	28.7
	0.000366	0.00929	6.75		7.3	36.1
	0.000308	0.00781	7.00		7.8	43.8
	0.000259	0.00657	7.25		7.8	51.6
Clay	0.000217	0.00552	7.50		7.4	59.1
	0.000183	0.00465	7.75		6.7	65.7
	0.000154	0.00391	8.00		5.7	71.5

Wentworth Size Class	Mesh Size		Phi of Screen	U.S. Sieve No.	Incremental Volume, percent	Cumulative Volume, percent
	Inches	Millimeters				
Clay	0.000129	0.00329	8.25		4.6	76.1
	0.000109	0.00276	8.50		3.6	79.7
	0.000091	0.00232	8.75		2.8	82.5
	0.000077	0.00195	9.00		2.2	84.7
	0.000065	0.00164	9.25		1.8	86.6
	0.000054	0.00138	9.50		1.7	88.2
	0.000046	0.00116	9.75		1.7	89.9
	0.000038	0.00098	10.00		1.8	91.7
	0.000032	0.00082	10.25		1.9	93.5
	0.000027	0.00069	10.50		1.8	95.4
	0.000023	0.00058	10.75		1.7	97.1
	0.000019	0.00049	11.00		1.4	98.5
	0.000016	0.00041	11.25		1.0	99.4
	0.000014	0.00035	11.50		0.5	99.9
	0.000011	0.00029	11.75		0.1	100.0
	0.000010	0.00024	12.00		0.0	100.0
	0.000008	0.00021	12.25		0.0	100.0
	0.000007	0.00017	12.50		0.0	100.0
	0.000006	0.00015	12.75		0.0	100.0
	0.000005	0.00012	13.00		0.0	100.0
	0.000004	0.00010	13.25		0.0	100.0
	0.000003	0.00009	13.51		0.0	100.0
	0.000003	0.00007	13.74		0.0	100.0
0.000002	0.00006	14.00		0.0	100.0	
0.000002	0.000051	14.26		0.0	100.0	
0.000002	0.000043	14.51		0.0	100.0	
0.000001	0.000036	14.76		0.0	100.0	
0.000001	0.000031	14.98		0.0	100.0	
0.000001	0.000026	15.23		0.0	100.0	
TOTALS					100.0	100.0

Cumulative Volume Percent greater than			
Percentile	Phi Value	Particle Size	
		Inches	Millimeters
5	5.1281	0.0011	0.0286
10	5.6140	0.0008	0.0204
16	5.9737	0.0006	0.0159
25	6.3634	0.0005	0.0121
50	7.1971	0.0003	0.0068
75	8.1855	0.0001	0.0034
84	8.9120	0.0001	0.0021
90	9.7642	0.0000	0.0012
95	10.4478	0.0000	0.0007

Description	Sieve Size	Volume Percent
Granule	10	0.0
Very Coarse Sand	18	0.0
Coarse Sand	35	0.0
Medium Sand	60	0.0
Fine Sand	120	0.0
Very Fine Sand	230	0.7
Coarse Silt	450	3.4
Medium Silt		12.4
Fine Silt		27.3
Very Fine Silt		27.6
Clay		28.5
Total		100.0

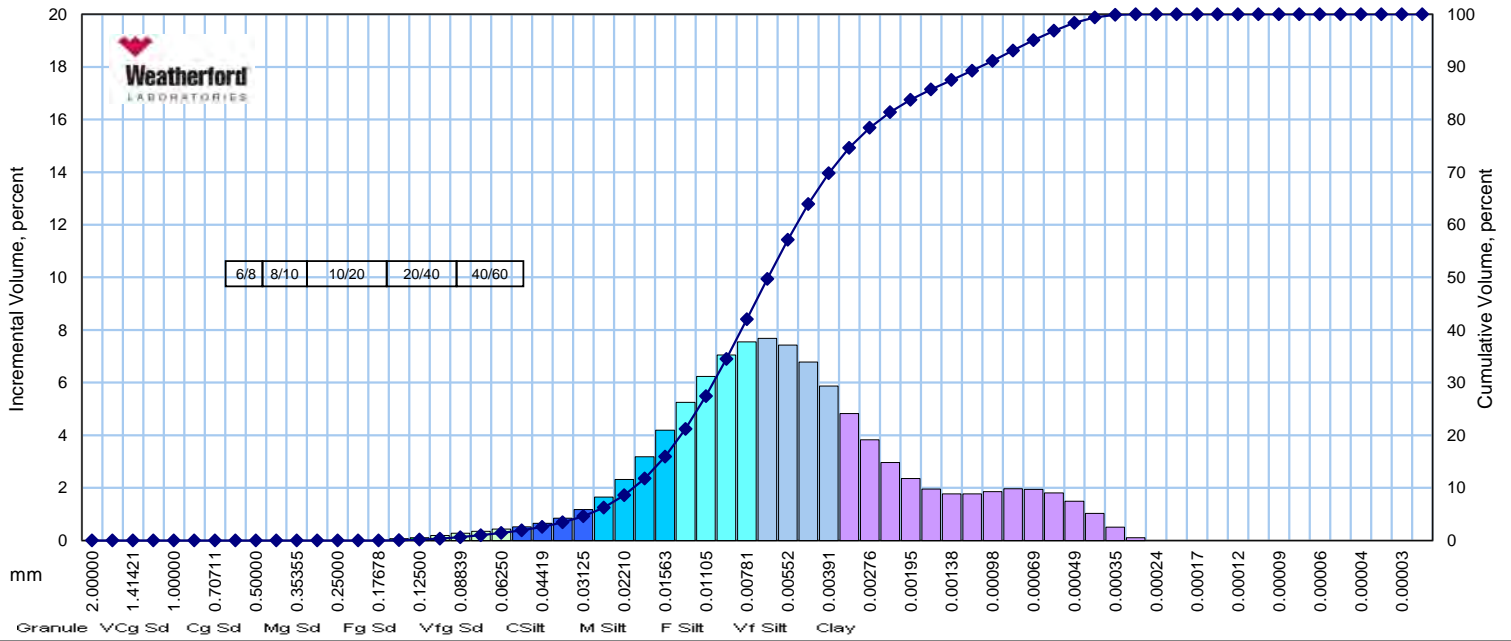
Measure	Trask, mm	Folk, phi	Inches
Median	0.0068	7.1971	0.0003
Mean	0.0078	7.3609	0.0003
Sorting	1.8804	1.5406	
Skewness	0.8983	0.1947	
Kurtosis	0.2260	1.1965	

LASER GRAIN SIZE ANALYSIS

Sediment

North Water District Laboratory Services, Inc.
GIWW Across Aransas Bay

Sample ID: GIC-AB-17-07-S
File: HH-99426



Wentworth Size Class	Mesh Size		Phi of Screen	U.S. Sieve No.	Incremental Volume, percent	Cumulative Volume, percent
	Inches	Millimeters				
Granule & VCg Sand	0.078740	2.00000	- 1.00	10	0.0	0.0
	0.066212	1.68179	- 0.75	12	0.0	0.0
	0.055678	1.41421	- 0.50	14	0.0	0.0
	0.046819	1.18921	- 0.25	16	0.0	0.0
	0.039370	1.00000	0.00	18	0.0	0.0
Cg Sand	0.033106	0.84090	0.25	20	0.0	0.0
	0.027839	0.70711	0.50	25	0.0	0.0
	0.023410	0.59460	0.75	30	0.0	0.0
Mg Sand	0.019685	0.50000	1.00	35	0.0	0.0
	0.016553	0.42045	1.25	40	0.0	0.0
	0.013919	0.35355	1.50	45	0.0	0.0
Fg Sand	0.011705	0.29730	1.75	50	0.0	0.0
	0.009843	0.25000	2.00	60	0.0	0.0
	0.008277	0.21022	2.25	70	0.0	0.0
Vfg Sand	0.006960	0.17678	2.50	80	0.0	0.0
	0.005852	0.14865	2.75	100	0.1	0.1
	0.004921	0.12500	3.00	120	0.1	0.2
	0.004138	0.10511	3.25	140	0.2	0.4
C Silt	0.003480	0.08839	3.50	170	0.3	0.6
	0.002926	0.07433	3.75	200	0.4	1.0
	0.002461	0.06250	4.00	230	0.4	1.4
	0.002069	0.05256	4.25	270	0.5	1.9
M Silt	0.001740	0.04419	4.50	325	0.6	2.6
	0.001463	0.03716	4.75	400	0.9	3.4
	0.001230	0.03125	5.00	450	1.2	4.6
	0.001035	0.02628	5.25	500	1.7	6.3
F Silt	0.000870	0.02210	5.50	635	2.3	8.6
	0.000732	0.01858	5.75		3.2	11.8
	0.000615	0.01563	6.00		4.2	16.0
	0.000517	0.01314	6.25		5.2	21.2
Vf Silt	0.000435	0.01105	6.50		6.2	27.5
	0.000366	0.00929	6.75		7.0	34.5
	0.000308	0.00781	7.00		7.5	42.0
	0.000259	0.00657	7.25		7.7	49.7
Clay	0.000217	0.00552	7.50		7.4	57.2
	0.000183	0.00465	7.75		6.8	63.9
	0.000154	0.00391	8.00		5.9	69.8

Wentworth Size Class	Mesh Size		Phi of Screen	U.S. Sieve No.	Incremental Volume, percent	Cumulative Volume, percent
	Inches	Millimeters				
Clay	0.000129	0.00329	8.25		4.8	74.6
	0.000109	0.00276	8.50		3.8	78.5
	0.000091	0.00232	8.75		3.0	81.4
	0.000077	0.00195	9.00		2.4	83.8
	0.000065	0.00164	9.25		2.0	85.7
	0.000054	0.00138	9.50		1.8	87.5
	0.000046	0.00116	9.75		1.8	89.3
	0.000038	0.00098	10.00		1.9	91.1
	0.000032	0.00082	10.25		2.0	93.1
	0.000027	0.00069	10.50		1.9	95.1
	0.000023	0.00058	10.75		1.8	96.9
	0.000019	0.00049	11.00		1.5	98.4
	0.000016	0.00041	11.25		1.0	99.4
	0.000014	0.00035	11.50		0.5	99.9
	0.000011	0.00029	11.75		0.1	100.0
	0.000010	0.00024	12.00		0.0	100.0
	0.000008	0.00021	12.25		0.0	100.0
	0.000007	0.00017	12.50		0.0	100.0
	0.000006	0.00015	12.75		0.0	100.0
	0.000005	0.00012	13.00		0.0	100.0
	0.000004	0.00010	13.25		0.0	100.0
	0.000003	0.00009	13.51		0.0	100.0
	0.000003	0.00007	13.74		0.0	100.0
0.000002	0.00006	14.00		0.0	100.0	
0.000002	0.000051	14.26		0.0	100.0	
0.000002	0.000043	14.51		0.0	100.0	
0.000001	0.000036	14.76		0.0	100.0	
0.000001	0.000031	14.98		0.0	100.0	
0.000001	0.000026	15.23		0.0	100.0	
TOTALS					100.0	100.0

Cumulative Volume Percent greater than			
Percentile	Phi Value	Particle Size	
		Inches	Millimeters
5	5.0658	0.0012	0.0299
10	5.6197	0.0008	0.0203
16	6.0018	0.0006	0.0156
25	6.4059	0.0005	0.0118
50	7.2587	0.0003	0.0065
75	8.2716	0.0001	0.0032
84	9.0269	0.0001	0.0019
90	9.8468	0.0000	0.0011
95	10.4907	0.0000	0.0007

Description	Sieve Size	Volume Percent
Granule	10	0.0
Very Coarse Sand	18	0.0
Coarse Sand	35	0.0
Medium Sand	60	0.0
Fine Sand	120	0.2
Very Fine Sand	230	1.2
Coarse Silt	450	3.2
Medium Silt		11.3
Fine Silt		26.1
Very Fine Silt		27.8
Clay		30.2
Total		100.0

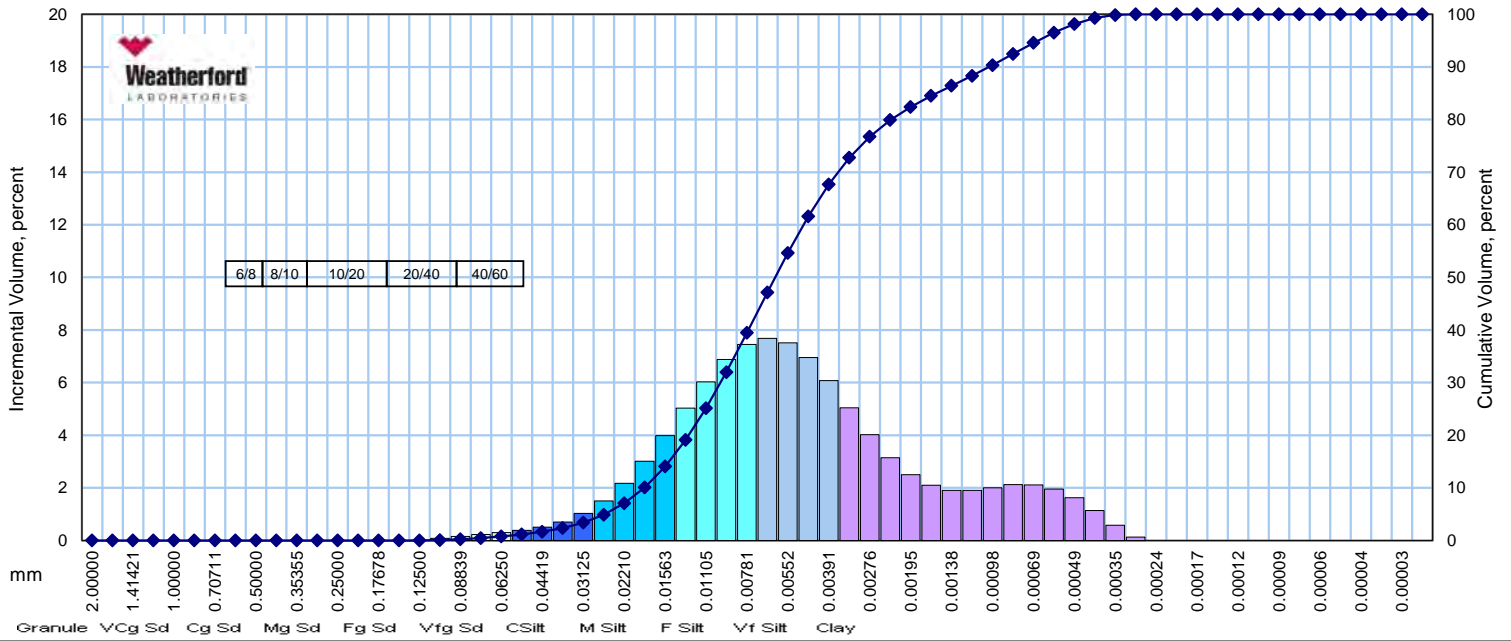
Measure	Trask, mm	Folk, phi	Inches
Median	0.0065	7.2587	0.0003
Mean	0.0075	7.4291	0.0003
Sorting	1.9090	1.5783	
Skewness	0.8950	0.1803	
Kurtosis	0.2222	1.1917	

LASER GRAIN SIZE ANALYSIS

Sediment

North Water District Laboratory Services, Inc.
GIWW Across Aransas Bay

Sample ID: GIC-AB-17-08-S
File: HH-99426



Wentworth Size Class	Mesh Size		Phi of Screen	U.S. Sieve No.	Incremental Volume, percent	Cumulative Volume, percent
	Inches	Millimeters				
Granule & VCg Sand	0.078740	2.00000	- 1.00	10	0.0	0.0
	0.066212	1.68179	- 0.75	12	0.0	0.0
	0.055678	1.41421	- 0.50	14	0.0	0.0
	0.046819	1.18921	- 0.25	16	0.0	0.0
	0.039370	1.00000	0.00	18	0.0	0.0
Cg Sand	0.033106	0.84090	0.25	20	0.0	0.0
	0.027839	0.70711	0.50	25	0.0	0.0
	0.023410	0.59460	0.75	30	0.0	0.0
	0.019685	0.50000	1.00	35	0.0	0.0
Mg Sand	0.016553	0.42045	1.25	40	0.0	0.0
	0.013919	0.35355	1.50	45	0.0	0.0
	0.011705	0.29730	1.75	50	0.0	0.0
	0.009843	0.25000	2.00	60	0.0	0.0
Fg Sand	0.008277	0.21022	2.25	70	0.0	0.0
	0.006960	0.17678	2.50	80	0.0	0.0
	0.005852	0.14865	2.75	100	0.0	0.0
	0.004921	0.12500	3.00	120	0.0	0.0
Vfg Sand	0.004138	0.10511	3.25	140	0.1	0.1
	0.003480	0.08839	3.50	170	0.2	0.2
	0.002926	0.07433	3.75	200	0.2	0.5
	0.002461	0.06250	4.00	230	0.3	0.8
C Silt	0.002069	0.05256	4.25	270	0.4	1.2
	0.001740	0.04419	4.50	325	0.5	1.7
	0.001463	0.03716	4.75	400	0.7	2.4
	0.001230	0.03125	5.00	450	1.0	3.4
M Silt	0.001035	0.02628	5.25	500	1.5	4.9
	0.000870	0.02210	5.50	635	2.2	7.1
	0.000732	0.01858	5.75		3.0	10.1
	0.000615	0.01563	6.00		4.0	14.1
F Silt	0.000517	0.01314	6.25		5.0	19.1
	0.000435	0.01105	6.50		6.0	25.1
	0.000366	0.00929	6.75		6.9	32.0
	0.000308	0.00781	7.00		7.5	39.5
Vf Silt	0.000259	0.00657	7.25		7.7	47.1
	0.000217	0.00552	7.50		7.5	54.7
	0.000183	0.00465	7.75		7.0	61.6
	0.000154	0.00391	8.00		6.1	67.7

Wentworth Size Class	Mesh Size		Phi of Screen	U.S. Sieve No.	Incremental Volume, percent	Cumulative Volume, percent
	Inches	Millimeters				
Clay	0.000129	0.00329	8.25		5.0	72.7
	0.000109	0.00276	8.50		4.0	76.8
	0.000091	0.00232	8.75		3.1	79.9
	0.000077	0.00195	9.00		2.5	82.4
	0.000065	0.00164	9.25		2.1	84.5
	0.000054	0.00138	9.50		1.9	86.4
	0.000046	0.00116	9.75		1.9	88.3
	0.000038	0.00098	10.00		2.0	90.3
	0.000032	0.00082	10.25		2.1	92.5
	0.000027	0.00069	10.50		2.1	94.6
	0.000023	0.00058	10.75		2.0	96.5
	0.000019	0.00049	11.00		1.6	98.2
	0.000016	0.00041	11.25		1.1	99.3
	0.000014	0.00035	11.50		0.6	99.9
	0.000011	0.00029	11.75		0.1	100.0
	0.000010	0.00024	12.00		0.0	100.0
	0.000008	0.00021	12.25		0.0	100.0
	0.000007	0.00017	12.50		0.0	100.0
	0.000006	0.00015	12.75		0.0	100.0
	0.000005	0.00012	13.00		0.0	100.0
0.000004	0.00010	13.25		0.0	100.0	
0.000003	0.00009	13.51		0.0	100.0	
0.000003	0.00007	13.74		0.0	100.0	
0.000002	0.00006	14.00		0.0	100.0	
0.000002	0.000051	14.26		0.0	100.0	
0.000002	0.000043	14.51		0.0	100.0	
0.000001	0.000036	14.76		0.0	100.0	
0.000001	0.000031	14.98		0.0	100.0	
0.000001	0.000026	15.23		0.0	100.0	
TOTALS					100.0	100.0

Description	Sieve Size	Volume Percent
Granule	10	0.0
Very Coarse Sand	18	0.0
Coarse Sand	35	0.0
Medium Sand	60	0.0
Fine Sand	120	0.0
Very Fine Sand	230	0.8
Coarse Silt	450	2.6
Medium Silt		10.7
Fine Silt		25.4
Very Fine Silt		28.2
Clay		32.3
Total		100.0

Percentile	Phi Value	Particle Size	
		Inches	Millimeters
5	5.2640	0.0010	0.0260
10	5.7445	0.0007	0.0187
16	6.1026	0.0006	0.0146
25	6.4952	0.0004	0.0111
50	7.3438	0.0002	0.0062
75	8.3837	0.0001	0.0030
84	9.1876	0.0001	0.0017
90	9.9600	0.0000	0.0010
95	10.5522	0.0000	0.0007

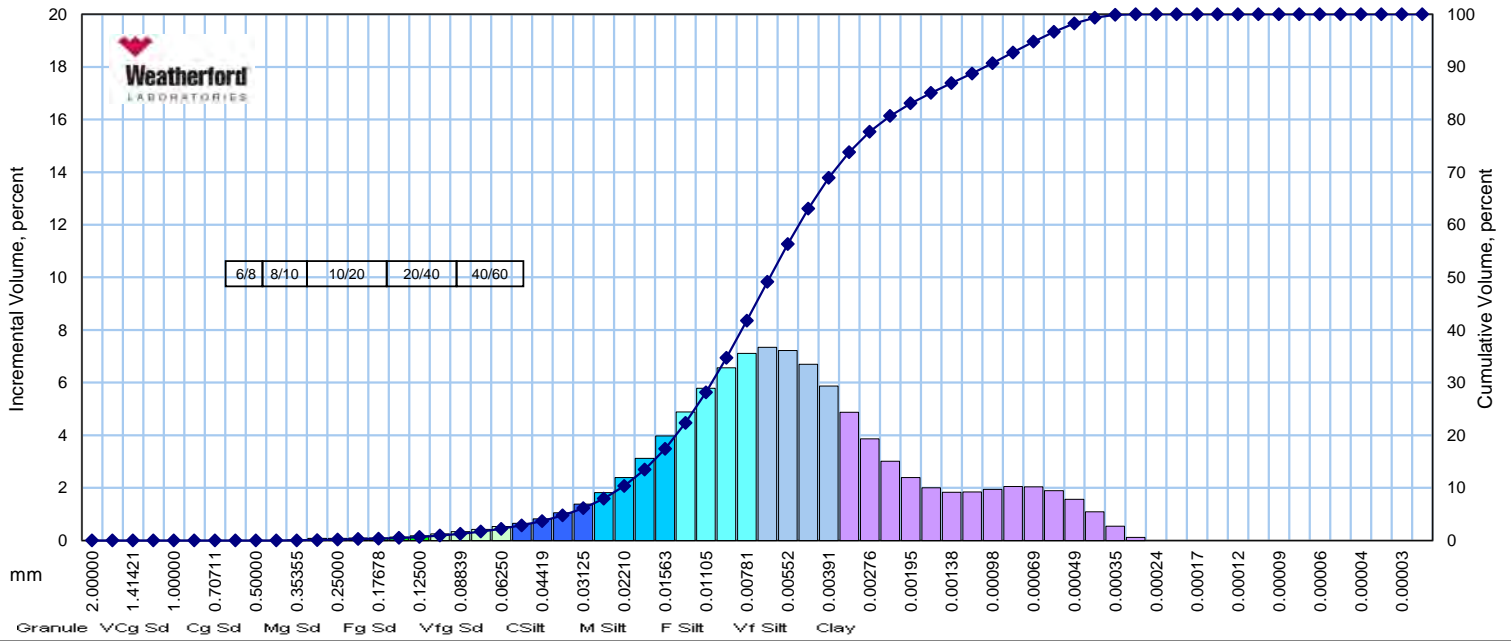
Measure	Trask, mm	Folk, phi	Inches
Median	0.0062	7.3438	0.0002
Mean	0.0070	7.5447	0.0003
Sorting	1.9242	1.5725	
Skewness	0.8758	0.2044	
Kurtosis	0.2292	1.1477	

LASER GRAIN SIZE ANALYSIS

Sediment

North Water District Laboratory Services, Inc.
GIWW Across Aransas Bay

Sample ID: GIC-AB-17-09-S
File: HH-99426



Wentworth Size Class	Mesh Size		Phi of Screen	U.S. Sieve No.	Incremental Volume, percent	Cumulative Volume, percent
	Inches	Millimeters				
Granule > VCg Sand	0.078740	2.00000	- 1.00	10	0.0	0.0
	0.066212	1.68179	- 0.75	12	0.0	0.0
	0.055678	1.41421	- 0.50	14	0.0	0.0
	0.046819	1.18921	- 0.25	16	0.0	0.0
	0.039370	1.00000	0.00	18	0.0	0.0
Cg Sand	0.033106	0.84090	0.25	20	0.0	0.0
	0.027839	0.70711	0.50	25	0.0	0.0
	0.023410	0.59460	0.75	30	0.0	0.0
	0.019685	0.50000	1.00	35	0.0	0.0
Mg Sand	0.016553	0.42045	1.25	40	0.0	0.0
	0.013919	0.35355	1.50	45	0.0	0.0
	0.011705	0.29730	1.75	50	0.1	0.1
	0.009843	0.25000	2.00	60	0.1	0.2
Fg Sand	0.008277	0.21022	2.25	70	0.1	0.3
	0.006960	0.17678	2.50	80	0.1	0.4
	0.005852	0.14865	2.75	100	0.1	0.5
	0.004921	0.12500	3.00	120	0.2	0.7
Vfg Sand	0.004138	0.10511	3.25	140	0.3	0.9
	0.003480	0.08839	3.50	170	0.3	1.3
	0.002926	0.07433	3.75	200	0.4	1.7
	0.002461	0.06250	4.00	230	0.5	2.2
C Silt	0.002069	0.05256	4.25	270	0.7	2.9
	0.001740	0.04419	4.50	325	0.8	3.7
	0.001463	0.03716	4.75	400	1.1	4.8
	0.001230	0.03125	5.00	450	1.4	6.1
M Silt	0.001035	0.02628	5.25	500	1.8	8.0
	0.000870	0.02210	5.50	635	2.4	10.4
	0.000732	0.01858	5.75		3.1	13.5
	0.000615	0.01563	6.00		4.0	17.4
F Silt	0.000517	0.01314	6.25		4.9	22.3
	0.000435	0.01105	6.50		5.8	28.1
	0.000366	0.00929	6.75		6.6	34.7
	0.000308	0.00781	7.00		7.1	41.8
Vf Silt	0.000259	0.00657	7.25		7.3	49.1
	0.000217	0.00552	7.50		7.2	56.4
	0.000183	0.00465	7.75		6.7	63.1
	0.000154	0.00391	8.00		5.9	68.9

Wentworth Size Class	Mesh Size		Phi of Screen	U.S. Sieve No.	Incremental Volume, percent	Cumulative Volume, percent
	Inches	Millimeters				
Clay	0.000129	0.00329	8.25		4.9	73.8
	0.000109	0.00276	8.50		3.9	77.7
	0.000091	0.00232	8.75		3.0	80.7
	0.000077	0.00195	9.00		2.4	83.1
	0.000065	0.00164	9.25		2.0	85.1
	0.000054	0.00138	9.50		1.8	86.9
	0.000046	0.00116	9.75		1.8	88.8
	0.000038	0.00098	10.00		1.9	90.7
	0.000032	0.00082	10.25		2.1	92.8
	0.000027	0.00069	10.50		2.0	94.8
	0.000023	0.00058	10.75		1.9	96.7
	0.000019	0.00049	11.00		1.6	98.2
	0.000016	0.00041	11.25		1.1	99.3
	0.000014	0.00035	11.50		0.5	99.9
	0.000011	0.00029	11.75		0.1	100.0
	0.000010	0.00024	12.00		0.0	100.0
	0.000008	0.00021	12.25		0.0	100.0
	0.000007	0.00017	12.50		0.0	100.0
	0.000006	0.00015	12.75		0.0	100.0
	0.000005	0.00012	13.00		0.0	100.0
	0.000004	0.00010	13.25		0.0	100.0
	0.000003	0.00009	13.51		0.0	100.0
	0.000003	0.00007	13.74		0.0	100.0
0.000002	0.00006	14.00		0.0	100.0	
0.000002	0.000051	14.26		0.0	100.0	
0.000002	0.000043	14.51		0.0	100.0	
0.000001	0.000036	14.76		0.0	100.0	
0.000001	0.000031	14.98		0.0	100.0	
0.000001	0.000026	15.23		0.0	100.0	
TOTALS					100.0	100.0

Cumulative Volume Percent greater than			
Percentile	Phi Value	Particle Size	
		Inches	Millimeters
5	4.7982	0.0014	0.0359
10	5.4671	0.0009	0.0226
16	5.9154	0.0007	0.0166
25	6.3697	0.0005	0.0121
50	7.2789	0.0003	0.0064
75	8.3210	0.0001	0.0031
84	9.1114	0.0001	0.0018
90	9.9120	0.0000	0.0010
95	10.5264	0.0000	0.0007

Description	Sieve Size	Volume Percent
Granule	10	0.0
Very Coarse Sand	18	0.0
Coarse Sand	35	0.0
Medium Sand	60	0.2
Fine Sand	120	0.5
Very Fine Sand	230	1.5
Coarse Silt	450	3.9
Medium Silt		11.3
Fine Silt		24.4
Very Fine Silt		27.1
Clay		31.1
Total		100.0

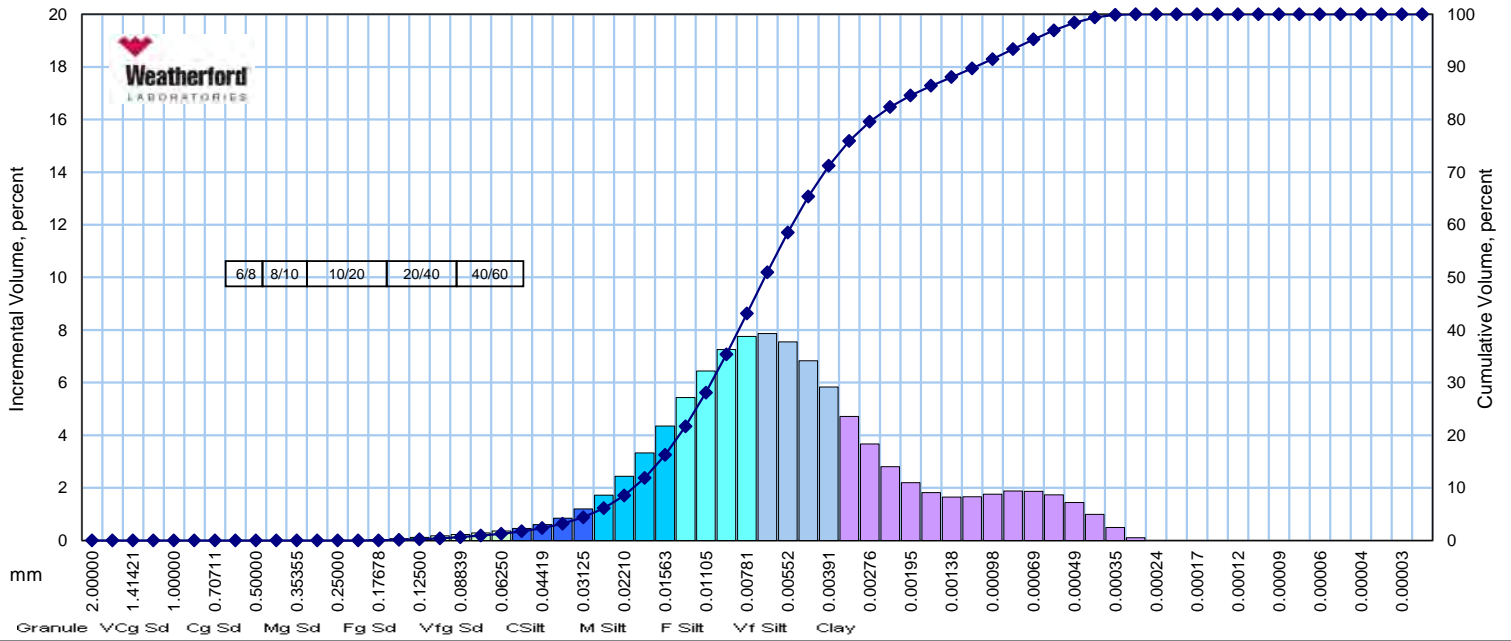
Measure	Trask, mm	Folk, phi	Inches
Median	0.0064	7.2789	0.0003
Mean	0.0076	7.4352	0.0003
Sorting	1.9665	1.6669	
Skewness	0.9121	0.1403	
Kurtosis	0.2078	1.2031	

LASER GRAIN SIZE ANALYSIS

Sediment

North Water District Laboratory Services, Inc.
GIWW Across Aransas Bay

Sample ID: GIC-AB-17-10-S
File: HH-99426



Wentworth Size Class	Mesh Size		Phi of Screen	U.S. Sieve No.	Incremental Volume, percent	Cumulative Volume, percent
	Inches	Millimeters				
Granule & >	0.078740	2.00000	- 1.00	10	0.0	0.0
VCg Sand	0.066212	1.68179	- 0.75	12	0.0	0.0
	0.055678	1.41421	- 0.50	14	0.0	0.0
	0.046819	1.18921	- 0.25	16	0.0	0.0
	0.039370	1.00000	0.00	18	0.0	0.0
	0.033106	0.84090	0.25	20	0.0	0.0
Cg Sand	0.027839	0.70711	0.50	25	0.0	0.0
	0.023410	0.59460	0.75	30	0.0	0.0
	0.019685	0.50000	1.00	35	0.0	0.0
Mg Sand	0.016553	0.42045	1.25	40	0.0	0.0
	0.013919	0.35355	1.50	45	0.0	0.0
	0.011705	0.29730	1.75	50	0.0	0.0
Fg Sand	0.009843	0.25000	2.00	60	0.0	0.0
	0.008277	0.21022	2.25	70	0.0	0.0
	0.006960	0.17678	2.50	80	0.0	0.0
	0.005852	0.14865	2.75	100	0.1	0.1
Vfg Sand	0.004921	0.12500	3.00	120	0.1	0.2
	0.004138	0.10511	3.25	140	0.2	0.4
	0.003480	0.08839	3.50	170	0.2	0.6
	0.002926	0.07433	3.75	200	0.3	0.9
C Silt	0.002461	0.06250	4.00	230	0.4	1.3
	0.002069	0.05256	4.25	270	0.5	1.7
	0.001740	0.04419	4.50	325	0.6	2.4
	0.001463	0.03716	4.75	400	0.8	3.2
M Silt	0.001230	0.03125	5.00	450	1.2	4.4
	0.001035	0.02628	5.25	500	1.7	6.1
	0.000870	0.02210	5.50	635	2.4	8.6
	0.000732	0.01858	5.75		3.3	11.9
F Silt	0.000615	0.01563	6.00		4.4	16.3
	0.000517	0.01314	6.25		5.4	21.7
	0.000435	0.01105	6.50		6.4	28.1
	0.000366	0.00929	6.75		7.3	35.4
Vf Silt	0.000308	0.00781	7.00		7.8	43.1
	0.000259	0.00657	7.25		7.9	51.0
	0.000217	0.00552	7.50		7.6	58.5
	0.000183	0.00465	7.75		6.8	65.4
	0.000154	0.00391	8.00		5.8	71.2

Wentworth Size Class	Mesh Size		Phi of Screen	U.S. Sieve No.	Incremental Volume, percent	Cumulative Volume, percent
	Inches	Millimeters				
Clay	0.000129	0.00329	8.25		4.7	75.9
	0.000109	0.00276	8.50		3.7	79.6
	0.000091	0.00232	8.75		2.8	82.4
	0.000077	0.00195	9.00		2.2	84.6
	0.000065	0.00164	9.25		1.8	86.4
	0.000054	0.00138	9.50		1.7	88.1
	0.000046	0.00116	9.75		1.7	89.7
	0.000038	0.00098	10.00		1.8	91.5
	0.000032	0.00082	10.25		1.9	93.4
	0.000027	0.00069	10.50		1.9	95.2
	0.000023	0.00058	10.75		1.7	97.0
	0.000019	0.00049	11.00		1.4	98.4
	0.000016	0.00041	11.25		1.0	99.4
	0.000014	0.00035	11.50		0.5	99.9
	0.000011	0.00029	11.75		0.1	100.0
	0.000010	0.00024	12.00		0.0	100.0
	0.000008	0.00021	12.25		0.0	100.0
	0.000007	0.00017	12.50		0.0	100.0
	0.000006	0.00015	12.75		0.0	100.0
	0.000005	0.00012	13.00		0.0	100.0
	0.000004	0.00010	13.25		0.0	100.0
	0.000003	0.00009	13.51		0.0	100.0
	0.000003	0.00007	13.74		0.0	100.0
	0.000002	0.00006	14.00		0.0	100.0
	0.000002	0.000051	14.26		0.0	100.0
	0.000002	0.000043	14.51		0.0	100.0
	0.000001	0.000036	14.76		0.0	100.0
0.000001	0.000031	14.98		0.0	100.0	
0.000001	0.000026	15.23		0.0	100.0	
TOTALS					100.0	100.0

Cumulative Volume Percent greater than			
Percentile	Phi Value	Particle Size	
		Inches	Millimeters
5	5.0962	0.0012	0.0292
10	5.6164	0.0008	0.0204
16	5.9871	0.0006	0.0158
25	6.3835	0.0005	0.0120
50	7.2180	0.0003	0.0067
75	8.1960	0.0001	0.0034
84	8.9266	0.0001	0.0021
90	9.7907	0.0000	0.0011
95	10.4680	0.0000	0.0007

Description	Sieve Size	Volume Percent
Granule	10	0.0
Very Coarse Sand	18	0.0
Coarse Sand	35	0.0
Medium Sand	60	0.0
Fine Sand	120	0.2
Very Fine Sand	230	1.1
Coarse Silt	450	3.1
Medium Silt		11.8
Fine Silt		26.9
Very Fine Silt		28.1
Clay		28.8
Total		100.0

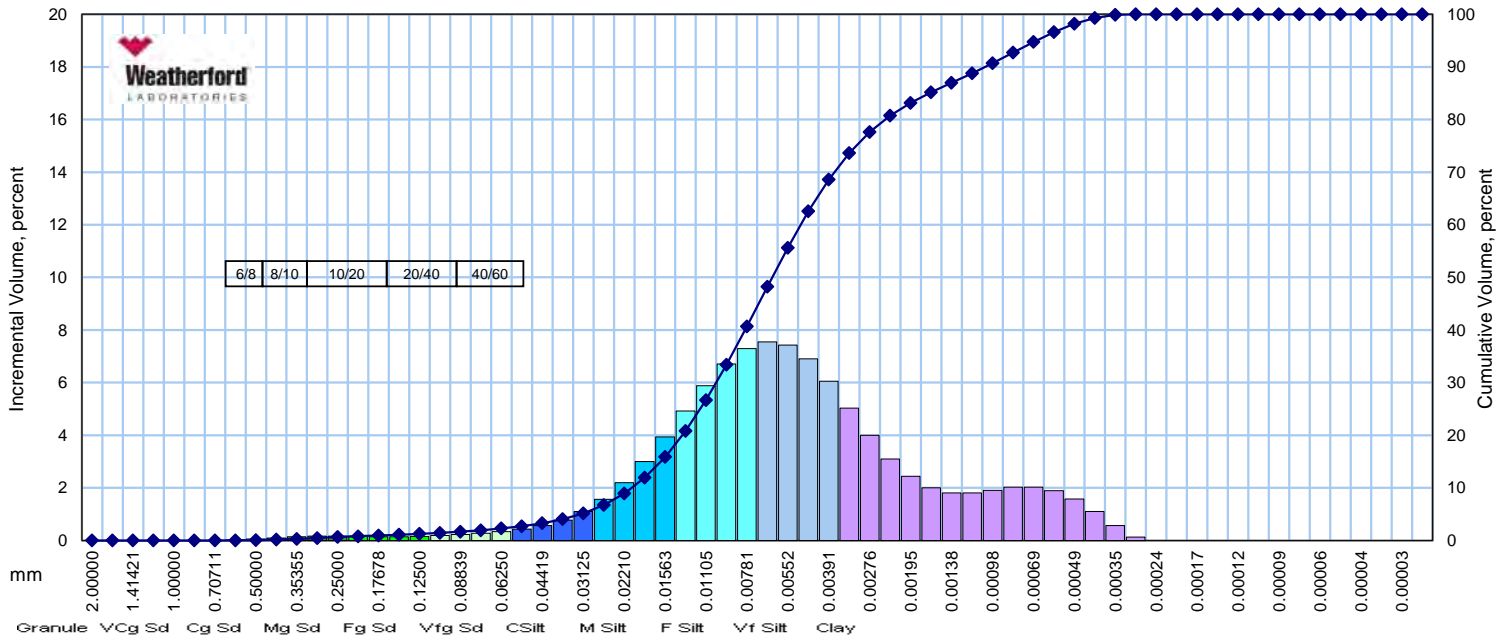
Measure	Trask, mm	Folk, phi	Inches
Median	0.0067	7.2180	0.0003
Mean	0.0077	7.3772	0.0003
Sorting	1.8742	1.5488	
Skewness	0.9053	0.1863	
Kurtosis	0.2225	1.2146	

LASER GRAIN SIZE ANALYSIS

Sediment

North Water District Laboratory Services, Inc.
GIWW Across Aransas Bay

Sample ID: GIC-AB-17-11-S
File: HH-99426



Wentworth Size Class	Mesh Size		Phi of Screen	U.S. Sieve No.	Incremental Volume, percent	Cumulative Volume, percent
	Inches	Millimeters				
Granule > VCg Sand	0.078740	2.00000	- 1.00	10	0.0	0.0
	0.066212	1.68179	- 0.75	12	0.0	0.0
	0.055678	1.41421	- 0.50	14	0.0	0.0
	0.046819	1.18921	- 0.25	16	0.0	0.0
	0.039370	1.00000	0.00	18	0.0	0.0
Cg Sand	0.03106	0.84090	0.25	20	0.0	0.0
	0.027839	0.70711	0.50	25	0.0	0.0
	0.023410	0.59460	0.75	30	0.0	0.0
	0.019685	0.50000	1.00	35	0.1	0.1
Mg Sand	0.016553	0.42045	1.25	40	0.1	0.2
	0.013919	0.35355	1.50	45	0.1	0.3
	0.011705	0.29730	1.75	50	0.2	0.5
	0.009843	0.25000	2.00	60	0.2	0.6
Fg Sand	0.008277	0.21022	2.25	70	0.2	0.8
	0.006960	0.17678	2.50	80	0.1	1.0
	0.005852	0.14865	2.75	100	0.1	1.1
	0.004921	0.12500	3.00	120	0.2	1.3
Vfg Sand	0.004138	0.10511	3.25	140	0.2	1.4
	0.003480	0.08839	3.50	170	0.2	1.7
	0.002926	0.07433	3.75	200	0.3	1.9
	0.002461	0.06250	4.00	230	0.3	2.3
C Silt	0.002069	0.05256	4.25	270	0.4	2.7
	0.001740	0.04419	4.50	325	0.6	3.3
	0.001463	0.03716	4.75	400	0.8	4.1
	0.001230	0.03125	5.00	450	1.1	5.2
M Silt	0.001035	0.02628	5.25	500	1.6	6.7
	0.000870	0.02210	5.50	635	2.2	8.9
	0.000732	0.01858	5.75		3.0	11.9
	0.000615	0.01563	6.00		3.9	15.9
F Silt	0.000517	0.01314	6.25		4.9	20.8
	0.000435	0.01105	6.50		5.9	26.7
	0.000366	0.00929	6.75		6.7	33.4
	0.000308	0.00781	7.00		7.3	40.7
Vf Silt	0.000259	0.00657	7.25		7.5	48.2
	0.000217	0.00552	7.50		7.4	55.6
	0.000183	0.00465	7.75		6.9	62.5
	0.000154	0.00391	8.00		6.1	68.6

Wentworth Size Class	Mesh Size		Phi of Screen	U.S. Sieve No.	Incremental Volume, percent	Cumulative Volume, percent
	Inches	Millimeters				
Clay	0.000129	0.00329	8.25		5.0	73.6
	0.000109	0.00276	8.50		4.0	77.6
	0.000091	0.00232	8.75		3.1	80.7
	0.000077	0.00195	9.00		2.4	83.2
	0.000065	0.00164	9.25		2.0	85.2
	0.000054	0.00138	9.50		1.8	87.0
	0.000046	0.00116	9.75		1.8	88.8
	0.000038	0.00098	10.00		1.9	90.7
	0.000032	0.00082	10.25		2.0	92.7
	0.000027	0.00069	10.50		2.0	94.7
	0.000023	0.00058	10.75		1.9	96.6
	0.000019	0.00049	11.00		1.6	98.2
	0.000016	0.00041	11.25		1.1	99.3
	0.000014	0.00035	11.50		0.6	99.9
	0.000011	0.00029	11.75		0.1	100.0
	0.000010	0.00024	12.00		0.0	100.0
	0.000008	0.00021	12.25		0.0	100.0
	0.000007	0.00017	12.50		0.0	100.0
	0.000006	0.00015	12.75		0.0	100.0
	0.000005	0.00012	13.00		0.0	100.0
0.000004	0.00010	13.25		0.0	100.0	
0.000003	0.00009	13.51		0.0	100.0	
0.000003	0.00007	13.74		0.0	100.0	
0.000002	0.00006	14.00		0.0	100.0	
0.000002	0.000051	14.26		0.0	100.0	
0.000002	0.000043	14.51		0.0	100.0	
0.000001	0.000036	14.76		0.0	100.0	
0.000001	0.000031	14.98		0.0	100.0	
0.000001	0.000026	15.23		0.0	100.0	
TOTALS					100.0	100.0

Cumulative Volume Percent greater than			
Percentile	Phi Value	Particle Size	
		Inches	Millimeters
5	4.9678	0.0013	0.0320
10	5.5977	0.0008	0.0207
16	6.0076	0.0006	0.0155
25	6.4325	0.0005	0.0116
50	7.3091	0.0002	0.0063
75	8.3289	0.0001	0.0031
84	9.0995	0.0001	0.0018
90	9.9106	0.0000	0.0010
95	10.5307	0.0000	0.0007

Description	Sieve Size	Volume Percent
Granule	10	0.0
Very Coarse Sand	18	0.0
Coarse Sand	35	0.1
Medium Sand	60	0.6
Fine Sand	120	0.6
Very Fine Sand	230	1.0
Coarse Silt	450	2.9
Medium Silt		10.7
Fine Silt		24.8
Very Fine Silt		27.9
Clay		31.4
Total		100.0

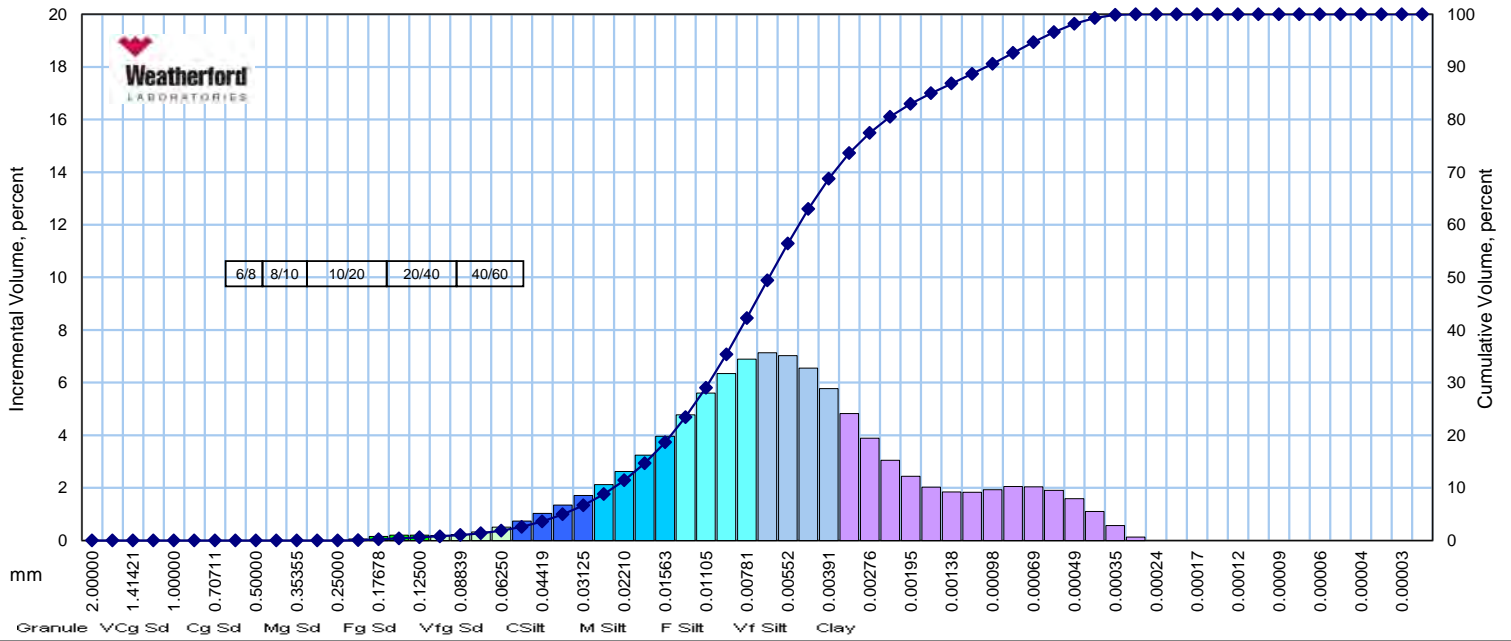
Measure	Trask, mm	Folk, phi	Inches
Median	0.0063	7.3091	0.0002
Mean	0.0073	7.4720	0.0003
Sorting	1.9295	1.6158	
Skewness	0.9055	0.1582	
Kurtosis	0.2159	1.2022	

LASER GRAIN SIZE ANALYSIS

Sediment

North Water District Laboratory Services, Inc.
GIWW Across Aransas Bay

Sample ID: GIC-AB-17-12-S
File: HH-99426



Wentworth Size Class	Mesh Size		Phi of Screen	U.S. Sieve No.	Incremental Volume, percent	Cumulative Volume, percent
	Inches	Millimeters				
Granule & VCg Sand	0.078740	2.00000	- 1.00	10	0.0	0.0
	0.066212	1.68179	- 0.75	12	0.0	0.0
	0.055678	1.41421	- 0.50	14	0.0	0.0
	0.046819	1.18921	- 0.25	16	0.0	0.0
	0.039370	1.00000	0.00	18	0.0	0.0
Cg Sand	0.033106	0.84090	0.25	20	0.0	0.0
	0.027839	0.70711	0.50	25	0.0	0.0
	0.023410	0.59460	0.75	30	0.0	0.0
	0.019685	0.50000	1.00	35	0.0	0.0
Mg Sand	0.016553	0.42045	1.25	40	0.0	0.0
	0.013919	0.35355	1.50	45	0.0	0.0
	0.011705	0.29730	1.75	50	0.0	0.0
	0.009843	0.25000	2.00	60	0.0	0.0
Fg Sand	0.008277	0.21022	2.25	70	0.1	0.1
	0.006960	0.17678	2.50	80	0.2	0.2
	0.005852	0.14865	2.75	100	0.2	0.4
	0.004921	0.12500	3.00	120	0.2	0.6
Vfg Sand	0.004138	0.10511	3.25	140	0.2	0.8
	0.003480	0.08839	3.50	170	0.2	1.0
	0.002926	0.07433	3.75	200	0.3	1.4
	0.002461	0.06250	4.00	230	0.5	1.9
C Silt	0.002069	0.05256	4.25	270	0.7	2.6
	0.001740	0.04419	4.50	325	1.0	3.6
	0.001463	0.03716	4.75	400	1.3	5.0
	0.001230	0.03125	5.00	450	1.7	6.7
M Silt	0.001035	0.02628	5.25	500	2.1	8.8
	0.000870	0.02210	5.50	635	2.6	11.4
	0.000732	0.01858	5.75		3.2	14.7
	0.000615	0.01563	6.00		4.0	18.7
F Silt	0.000517	0.01314	6.25		4.8	23.4
	0.000435	0.01105	6.50		5.6	29.0
	0.000366	0.00929	6.75		6.4	35.4
	0.000308	0.00781	7.00		6.9	42.3
Vf Silt	0.000259	0.00657	7.25		7.1	49.4
	0.000217	0.00552	7.50		7.0	56.4
	0.000183	0.00465	7.75		6.6	63.0
	0.000154	0.00391	8.00		5.8	68.8

Wentworth Size Class	Mesh Size		Phi of Screen	U.S. Sieve No.	Incremental Volume, percent	Cumulative Volume, percent
	Inches	Millimeters				
Clay	0.000129	0.00329	8.25		4.8	73.6
	0.000109	0.00276	8.50		3.9	77.5
	0.000091	0.00232	8.75		3.1	80.5
	0.000077	0.00195	9.00		2.4	83.0
	0.000065	0.00164	9.25		2.0	85.0
	0.000054	0.00138	9.50		1.8	86.8
	0.000046	0.00116	9.75		1.8	88.7
	0.000038	0.00098	10.00		1.9	90.6
	0.000032	0.00082	10.25		2.1	92.7
	0.000027	0.00069	10.50		2.0	94.7
	0.000023	0.00058	10.75		1.9	96.6
	0.000019	0.00049	11.00		1.6	98.2
	0.000016	0.00041	11.25		1.1	99.3
	0.000014	0.00035	11.50		0.6	99.9
	0.000011	0.00029	11.75		0.1	100.0
	0.000010	0.00024	12.00		0.0	100.0
	0.000008	0.00021	12.25		0.0	100.0
	0.000007	0.00017	12.50		0.0	100.0
	0.000006	0.00015	12.75		0.0	100.0
	0.000005	0.00012	13.00		0.0	100.0
	0.000004	0.00010	13.25		0.0	100.0
	0.000003	0.00009	13.51		0.0	100.0
	0.000003	0.00007	13.74		0.0	100.0
	0.000002	0.00006	14.00		0.0	100.0
	0.000002	0.000051	14.26		0.0	100.0
	0.000002	0.000043	14.51		0.0	100.0
0.000001	0.000036	14.76		0.0	100.0	
0.000001	0.000031	14.98		0.0	100.0	
0.000001	0.000026	15.23		0.0	100.0	
TOTALS					100.0	100.0

Cumulative Volume Percent greater than			
Percentile	Phi Value	Particle Size	
		Inches	Millimeters
5	4.7526	0.0015	0.0371
10	5.3693	0.0010	0.0242
16	5.8385	0.0007	0.0175
25	6.3238	0.0005	0.0125
50	7.2705	0.0003	0.0065
75	8.3335	0.0001	0.0031
84	9.1218	0.0001	0.0018
90	9.9217	0.0000	0.0010
95	10.5350	0.0000	0.0007

Description	Sieve Size	Volume Percent
Granule	10	0.0
Very Coarse Sand	18	0.0
Coarse Sand	35	0.0
Medium Sand	60	0.0
Fine Sand	120	0.6
Very Fine Sand	230	1.3
Coarse Silt	450	4.8
Medium Silt		12.0
Fine Silt		23.6
Very Fine Silt		26.5
Clay		31.2
Total		100.0

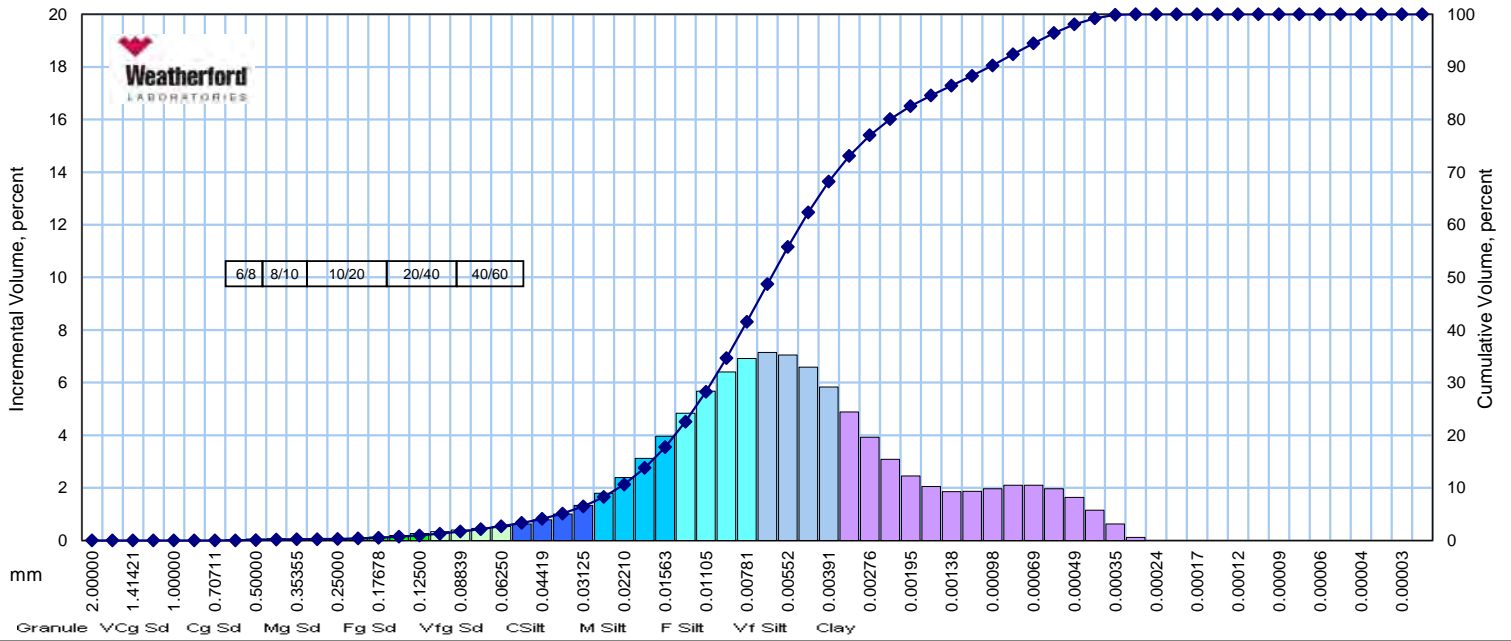
Measure	Trask, mm	Folk, phi	Inches
Median	0.0065	7.2705	0.0003
Mean	0.0078	7.4102	0.0003
Sorting	2.0068	1.6969	
Skewness	0.9225	0.1284	
Kurtosis	0.2026	1.1792	

LASER GRAIN SIZE ANALYSIS

Sediment

North Water District Laboratory Services, Inc.
GIWW Across Aransas Bay

Sample ID: GIC-AB-17-13-S
File: HH-99426



Wentworth Size Class	Mesh Size		Phi of Screen	U.S. Sieve No.	Incremental Volume, percent	Cumulative Volume, percent
	Inches	Millimeters				
Granule & VCg Sand	0.078740	2.00000	- 1.00	10	0.0	0.0
	0.066212	1.68179	- 0.75	12	0.0	0.0
	0.055678	1.41421	- 0.50	14	0.0	0.0
	0.046819	1.18921	- 0.25	16	0.0	0.0
	0.039370	1.00000	0.00	18	0.0	0.0
Cg Sand	0.033106	0.84090	0.25	20	0.0	0.0
	0.027839	0.70711	0.50	25	0.0	0.0
	0.023410	0.59460	0.75	30	0.0	0.0
Mg Sand	0.019685	0.50000	1.00	35	0.1	0.1
	0.016553	0.42045	1.25	40	0.1	0.2
	0.013919	0.35355	1.50	45	0.1	0.2
Fg Sand	0.011705	0.29730	1.75	50	0.0	0.3
	0.009843	0.25000	2.00	60	0.0	0.3
	0.008277	0.21022	2.25	70	0.1	0.4
Vfg Sand	0.006960	0.17678	2.50	80	0.1	0.5
	0.005852	0.14865	2.75	100	0.2	0.7
	0.004921	0.12500	3.00	120	0.3	1.0
	0.004138	0.10511	3.25	140	0.3	1.3
C Silt	0.003480	0.08839	3.50	170	0.4	1.7
	0.002926	0.07433	3.75	200	0.5	2.2
	0.002461	0.06250	4.00	230	0.5	2.7
	0.002069	0.05256	4.25	270	0.6	3.3
M Silt	0.001740	0.04419	4.50	325	0.8	4.1
	0.001463	0.03716	4.75	400	1.0	5.1
	0.001230	0.03125	5.00	450	1.3	6.5
	0.001035	0.02628	5.25	500	1.8	8.3
F Silt	0.000870	0.02210	5.50	635	2.4	10.7
	0.000732	0.01858	5.75		3.1	13.8
	0.000615	0.01563	6.00		4.0	17.7
	0.000517	0.01314	6.25		4.8	22.6
Vf Silt	0.000435	0.01105	6.50		5.7	28.3
	0.000366	0.00929	6.75		6.4	34.7
	0.000308	0.00781	7.00		6.9	41.6
	0.000259	0.00657	7.25		7.1	48.7
Clay	0.000217	0.00552	7.50		7.0	55.8
	0.000183	0.00465	7.75		6.6	62.4
	0.000154	0.00391	8.00		5.8	68.2

Wentworth Size Class	Mesh Size		Phi of Screen	U.S. Sieve No.	Incremental Volume, percent	Cumulative Volume, percent
	Inches	Millimeters				
Clay	0.000129	0.00329	8.25		4.9	73.1
	0.000109	0.00276	8.50		3.9	77.0
	0.000091	0.00232	8.75		3.1	80.1
	0.000077	0.00195	9.00		2.5	82.5
	0.000065	0.00164	9.25		2.0	84.6
	0.000054	0.00138	9.50		1.9	86.4
	0.000046	0.00116	9.75		1.9	88.3
	0.000038	0.00098	10.00		2.0	90.3
	0.000032	0.00082	10.25		2.1	92.4
	0.000027	0.00069	10.50		2.1	94.5
	0.000023	0.00058	10.75		2.0	96.5
	0.000019	0.00049	11.00		1.6	98.1
	0.000016	0.00041	11.25		1.2	99.2
	0.000014	0.00035	11.50		0.6	99.9
	0.000011	0.00029	11.75		0.1	100.0
	0.000010	0.00024	12.00		0.0	100.0
	0.000008	0.00021	12.25		0.0	100.0
	0.000007	0.00017	12.50		0.0	100.0
	0.000006	0.00015	12.75		0.0	100.0
	0.000005	0.00012	13.00		0.0	100.0
	0.000004	0.00010	13.25		0.0	100.0
	0.000003	0.00009	13.51		0.0	100.0
	0.000003	0.00007	13.74		0.0	100.0
	0.000002	0.00006	14.00		0.0	100.0
	0.000002	0.000051	14.26		0.0	100.0
	0.000002	0.000043	14.51		0.0	100.0
0.000001	0.000036	14.76		0.0	100.0	
0.000001	0.000031	14.98		0.0	100.0	
0.000001	0.000026	15.23		0.0	100.0	
TOTALS					100.0	100.0

Cumulative Volume Percent greater than			
Percentile	Phi Value	Particle Size	
		Inches	Millimeters
5	4.7221	0.0015	0.0379
10	5.4383	0.0009	0.0231
16	5.8967	0.0007	0.0168
25	6.3610	0.0005	0.0122
50	7.2947	0.0003	0.0064
75	8.3655	0.0001	0.0030
84	9.1758	0.0001	0.0017
90	9.9643	0.0000	0.0010
95	10.5609	0.0000	0.0007

Description	Sieve Size	Volume Percent
Granule	10	0.0
Very Coarse Sand	18	0.0
Coarse Sand	35	0.1
Medium Sand	60	0.2
Fine Sand	120	0.7
Very Fine Sand	230	1.7
Coarse Silt	450	3.8
Medium Silt		11.3
Fine Silt		23.8
Very Fine Silt		26.6
Clay		31.8
Total		100.0

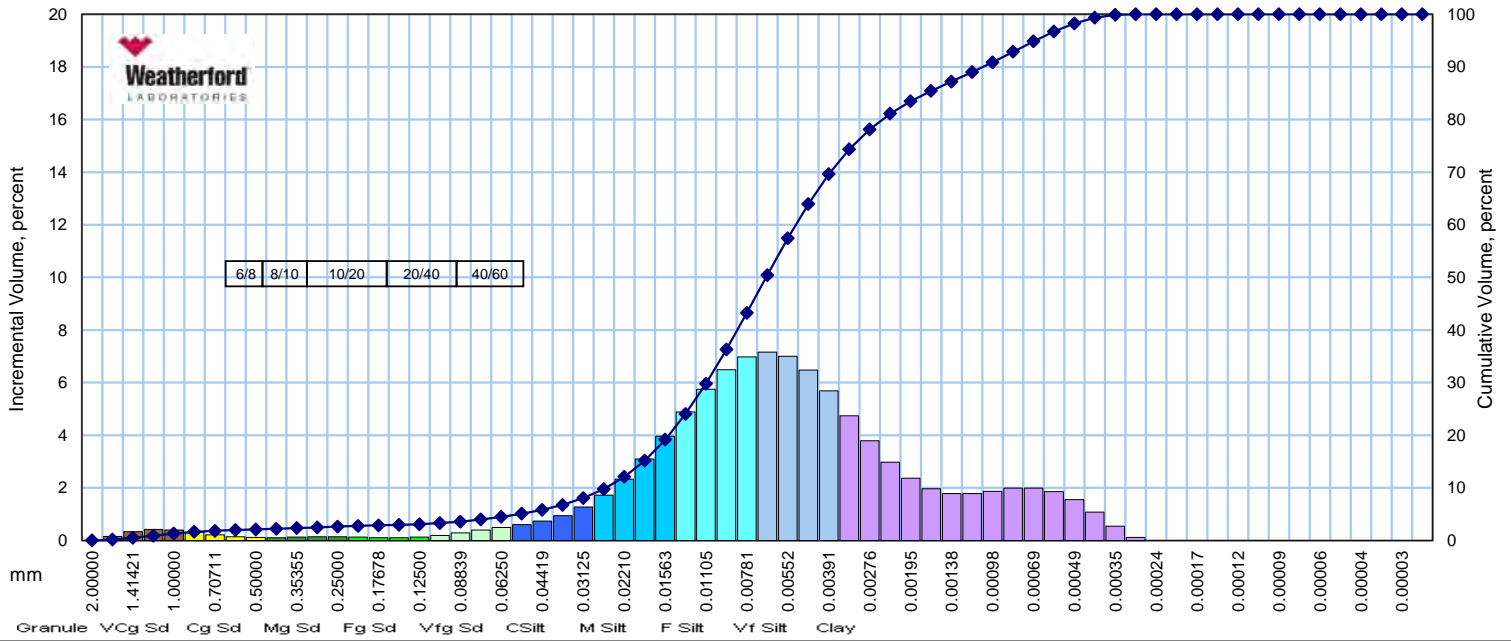
Measure	Trask, mm	Folk, phi	Inches
Median	0.0064	7.2947	0.0003
Mean	0.0076	7.4557	0.0003
Sorting	2.0031	1.7045	
Skewness	0.9094	0.1331	
Kurtosis	0.2070	1.1938	

LASER GRAIN SIZE ANALYSIS

Sediment

North Water District Laboratory Services, Inc.
GIWW Across Aransas Bay

Sample ID: GIC-AB-17-14-S
File: HH-99426



Wentworth Size Class	Mesh Size		Phi of Screen	U.S. Sieve No.	Incremental Volume, percent	Cumulative Volume, percent
	Inches	Millimeters				
Granule & VCg Sand	0.078740	2.00000	- 1.00	10	0.0	0.0
	0.066212	1.68179	- 0.75	12	0.2	0.2
	0.055678	1.41421	- 0.50	14	0.3	0.5
	0.046819	1.18921	- 0.25	16	0.4	0.9
	0.039370	1.00000	0.00	18	0.4	1.3
Cg Sand	0.033106	0.84090	0.25	20	0.3	1.6
	0.027839	0.70711	0.50	25	0.2	1.8
	0.023410	0.59460	0.75	30	0.1	2.0
	0.019685	0.50000	1.00	35	0.1	2.1
Mg Sand	0.016553	0.42045	1.25	40	0.1	2.2
	0.013919	0.35355	1.50	45	0.1	2.3
	0.011705	0.29730	1.75	50	0.1	2.5
	0.009843	0.25000	2.00	60	0.1	2.6
Fg Sand	0.008277	0.21022	2.25	70	0.1	2.8
	0.006960	0.17678	2.50	80	0.1	2.9
	0.005852	0.14865	2.75	100	0.1	3.0
	0.004921	0.12500	3.00	120	0.1	3.1
Vfg Sand	0.004138	0.10511	3.25	140	0.2	3.3
	0.003480	0.08839	3.50	170	0.3	3.6
	0.002926	0.07433	3.75	200	0.4	4.0
	0.002461	0.06250	4.00	230	0.5	4.5
C Silt	0.002069	0.05256	4.25	270	0.6	5.1
	0.001740	0.04419	4.50	325	0.7	5.8
	0.001463	0.03716	4.75	400	1.0	6.8
	0.001230	0.03125	5.00	450	1.3	8.0
M Silt	0.001035	0.02628	5.25	500	1.7	9.8
	0.000870	0.02210	5.50	635	2.3	12.1
	0.000732	0.01858	5.75		3.1	15.2
	0.000615	0.01563	6.00		4.0	19.2
F Silt	0.000517	0.01314	6.25		4.9	24.0
	0.000435	0.01105	6.50		5.8	29.8
	0.000366	0.00929	6.75		6.5	36.3
	0.000308	0.00781	7.00		7.0	43.3
Vf Silt	0.000259	0.00657	7.25		7.2	50.4
	0.000217	0.00552	7.50		7.0	57.4
	0.000183	0.00465	7.75		6.5	63.9
	0.000154	0.00391	8.00		5.7	69.6

Wentworth Size Class	Mesh Size		Phi of Screen	U.S. Sieve No.	Incremental Volume, percent	Cumulative Volume, percent
	Inches	Millimeters				
Clay	0.000129	0.00329	8.25		4.7	74.3
	0.000109	0.00276	8.50		3.8	78.1
	0.000091	0.00232	8.75		3.0	81.1
	0.000077	0.00195	9.00		2.4	83.5
	0.000065	0.00164	9.25		2.0	85.4
	0.000054	0.00138	9.50		1.8	87.2
	0.000046	0.00116	9.75		1.8	89.0
	0.000038	0.00098	10.00		1.9	90.9
	0.000032	0.00082	10.25		2.0	92.9
	0.000027	0.00069	10.50		2.0	94.9
	0.000023	0.00058	10.75		1.9	96.7
	0.000019	0.00049	11.00		1.5	98.3
	0.000016	0.00041	11.25		1.1	99.3
	0.000014	0.00035	11.50		0.5	99.9
	0.000011	0.00029	11.75		0.1	100.0
	0.000010	0.00024	12.00		0.0	100.0
	0.000008	0.00021	12.25		0.0	100.0
	0.000007	0.00017	12.50		0.0	100.0
	0.000006	0.00015	12.75		0.0	100.0
	0.000005	0.00012	13.00		0.0	100.0
	0.000004	0.00010	13.25		0.0	100.0
	0.000003	0.00009	13.51		0.0	100.0
	0.000003	0.00007	13.74		0.0	100.0
0.000002	0.00006	14.00		0.0	100.0	
0.000002	0.000051	14.26		0.0	100.0	
0.000002	0.000043	14.51		0.0	100.0	
0.000001	0.000036	14.76		0.0	100.0	
0.000001	0.000031	14.98		0.0	100.0	
0.000001	0.000026	15.23		0.0	100.0	
TOTALS					100.0	100.0

Description	Sieve Size	Volume Percent
Granule	10	0.0
Very Coarse Sand	18	1.3
Coarse Sand	35	0.8
Medium Sand	60	0.5
Fine Sand	120	0.5
Very Fine Sand	230	1.4
Coarse Silt	450	3.6
Medium Silt		11.1
Fine Silt		24.1
Very Fine Silt		26.3
Clay		30.4
Total		100.0

Percentile	Phi Value	Particle Size	
		Inches	Millimeters
5	4.2190	0.0021	0.0537
10	5.2785	0.0010	0.0258
16	5.8056	0.0007	0.0179
25	6.2942	0.0005	0.0127
50	7.2346	0.0003	0.0066
75	8.2891	0.0001	0.0032
84	9.0635	0.0001	0.0019
90	9.8858	0.0000	0.0011
95	10.5179	0.0000	0.0007

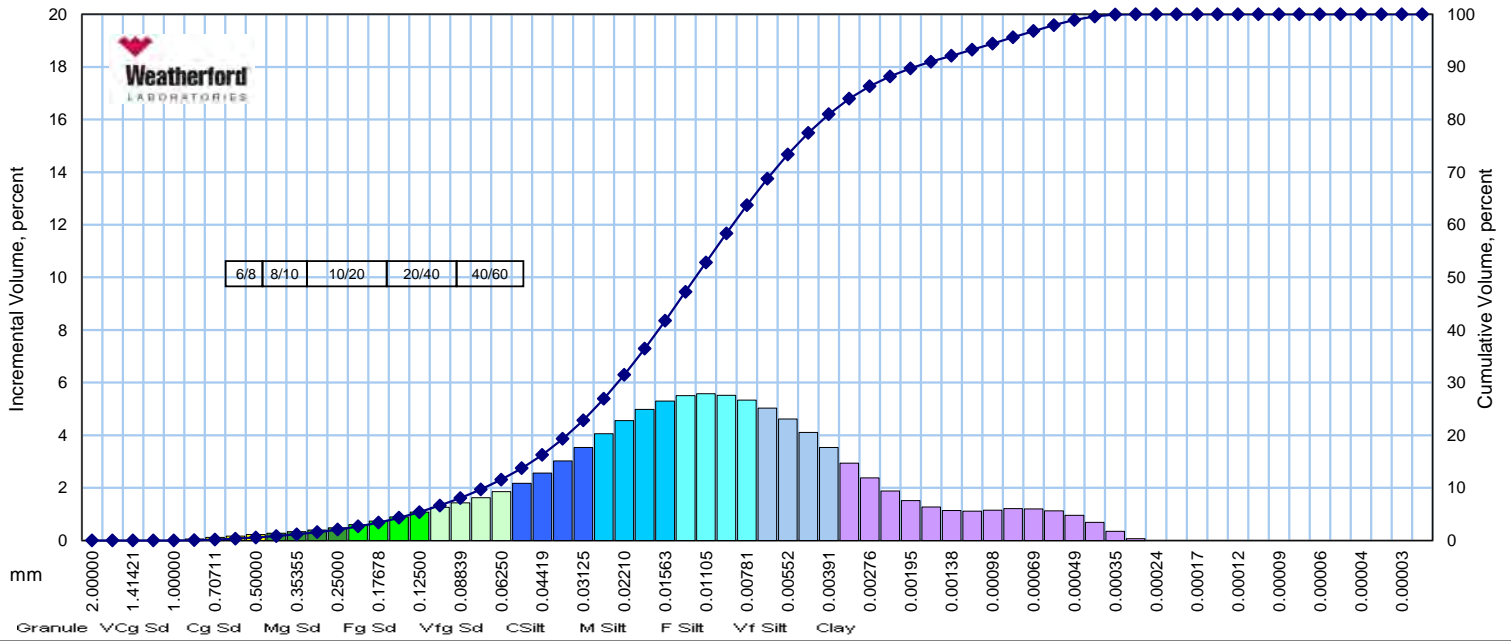
Measure	Trask, mm	Folk, phi	Inches
Median	0.0066	7.2346	0.0003
Mean	0.0080	7.3679	0.0003
Sorting	1.9965	1.7689	
Skewness	0.9240	0.0826	
Kurtosis	0.1932	1.2940	

LASER GRAIN SIZE ANALYSIS

Sediment

North Water District Laboratory Services, Inc.
GIWW Across Aransas Bay

Sample ID: GIC-AB-17-15-S
File: HH-99426



Wentworth Size Class	Mesh Size		Phi of Screen	U.S. Sieve No.	Incremental Volume, percent	Cumulative Volume, percent
	Inches	Millimeters				
Granule & VCg Sand	0.078740	2.00000	- 1.00	10	0.0	0.0
	0.066212	1.68179	- 0.75	12	0.0	0.0
	0.055678	1.41421	- 0.50	14	0.0	0.0
	0.046819	1.18921	- 0.25	16	0.0	0.0
	0.039370	1.00000	0.00	18	0.0	0.0
Cg Sand	0.033106	0.84090	0.25	20	0.1	0.1
	0.027839	0.70711	0.50	25	0.1	0.2
	0.023410	0.59460	0.75	30	0.2	0.3
	0.019685	0.50000	1.00	35	0.2	0.6
Mg Sand	0.016553	0.42045	1.25	40	0.3	0.8
	0.013919	0.35355	1.50	45	0.3	1.2
	0.011705	0.29730	1.75	50	0.4	1.6
Fg Sand	0.009843	0.25000	2.00	60	0.5	2.1
	0.008277	0.21022	2.25	70	0.6	2.7
	0.006960	0.17678	2.50	80	0.7	3.4
	0.005852	0.14865	2.75	100	0.9	4.3
Vfg Sand	0.004921	0.12500	3.00	120	1.1	5.4
	0.004138	0.10511	3.25	140	1.3	6.6
	0.003480	0.08839	3.50	170	1.4	8.1
	0.002926	0.07433	3.75	200	1.6	9.7
C Silt	0.002461	0.06250	4.00	230	1.9	11.6
	0.002069	0.05256	4.25	270	2.2	13.7
	0.001740	0.04419	4.50	325	2.6	16.3
	0.001463	0.03716	4.75	400	3.0	19.3
M Silt	0.001230	0.03125	5.00	450	3.5	22.9
	0.001035	0.02628	5.25	500	4.1	26.9
	0.000870	0.02210	5.50	635	4.6	31.5
	0.000732	0.01858	5.75		5.0	36.5
F Silt	0.000615	0.01563	6.00		5.3	41.8
	0.000517	0.01314	6.25		5.5	47.3
	0.000435	0.01105	6.50		5.6	52.8
	0.000366	0.00929	6.75		5.5	58.4
Vf Silt	0.000308	0.00781	7.00		5.3	63.7
	0.000259	0.00657	7.25		5.0	68.7
	0.000217	0.00552	7.50		4.6	73.4
	0.000183	0.00465	7.75		4.1	77.5
	0.000154	0.00391	8.00		3.5	81.0

Wentworth Size Class	Mesh Size		Phi of Screen	U.S. Sieve No.	Incremental Volume, percent	Cumulative Volume, percent
	Inches	Millimeters				
Clay	0.000129	0.00329	8.25		2.9	83.9
	0.000109	0.00276	8.50		2.4	86.3
	0.000091	0.00232	8.75		1.9	88.2
	0.000077	0.00195	9.00		1.5	89.7
	0.000065	0.00164	9.25		1.3	91.0
	0.000054	0.00138	9.50		1.1	92.1
	0.000046	0.00116	9.75		1.1	93.3
	0.000038	0.00098	10.00		1.2	94.4
	0.000032	0.00082	10.25		1.2	95.6
	0.000027	0.00069	10.50		1.2	96.8
	0.000023	0.00058	10.75		1.1	97.9
	0.000019	0.00049	11.00		1.0	98.9
	0.000016	0.00041	11.25		0.7	99.6
	0.000014	0.00035	11.50		0.4	99.9
	0.000011	0.00029	11.75		0.1	100.0
	0.000010	0.00024	12.00		0.0	100.0
	0.000008	0.00021	12.25		0.0	100.0
	0.000007	0.00017	12.50		0.0	100.0
	0.000006	0.00015	12.75		0.0	100.0
	0.000005	0.00012	13.00		0.0	100.0
	0.000004	0.00010	13.25		0.0	100.0
	0.000003	0.00009	13.51		0.0	100.0
	0.000003	0.00007	13.74		0.0	100.0
0.000002	0.00006	14.00		0.0	100.0	
0.000002	0.000051	14.26		0.0	100.0	
0.000002	0.000043	14.51		0.0	100.0	
0.000001	0.000036	14.76		0.0	100.0	
0.000001	0.000031	14.98		0.0	100.0	
0.000001	0.000026	15.23		0.0	100.0	
TOTALS					100.0	100.0

Description	Sieve Size	Volume Percent
Granule	10	0.0
Very Coarse Sand	18	0.0
Coarse Sand	35	0.6
Medium Sand	60	1.5
Fine Sand	120	3.3
Very Fine Sand	230	6.2
Coarse Silt	450	11.3
Medium Silt		18.9
Fine Silt		21.9
Very Fine Silt		17.3
Clay		19.0
Total		100.0

Percentile	Cumulative Volume Percent greater than		
	Phi Value	Particle Size	
		Inches	Millimeters
5	2.9142	0.0052	0.1327
10	3.7917	0.0028	0.0722
16	4.4730	0.0018	0.0450
25	5.1356	0.0011	0.0284
50	6.3726	0.0005	0.0121
75	7.5959	0.0002	0.0052
84	8.2547	0.0001	0.0033
90	9.0497	0.0001	0.0019
95	10.1242	0.0000	0.0009

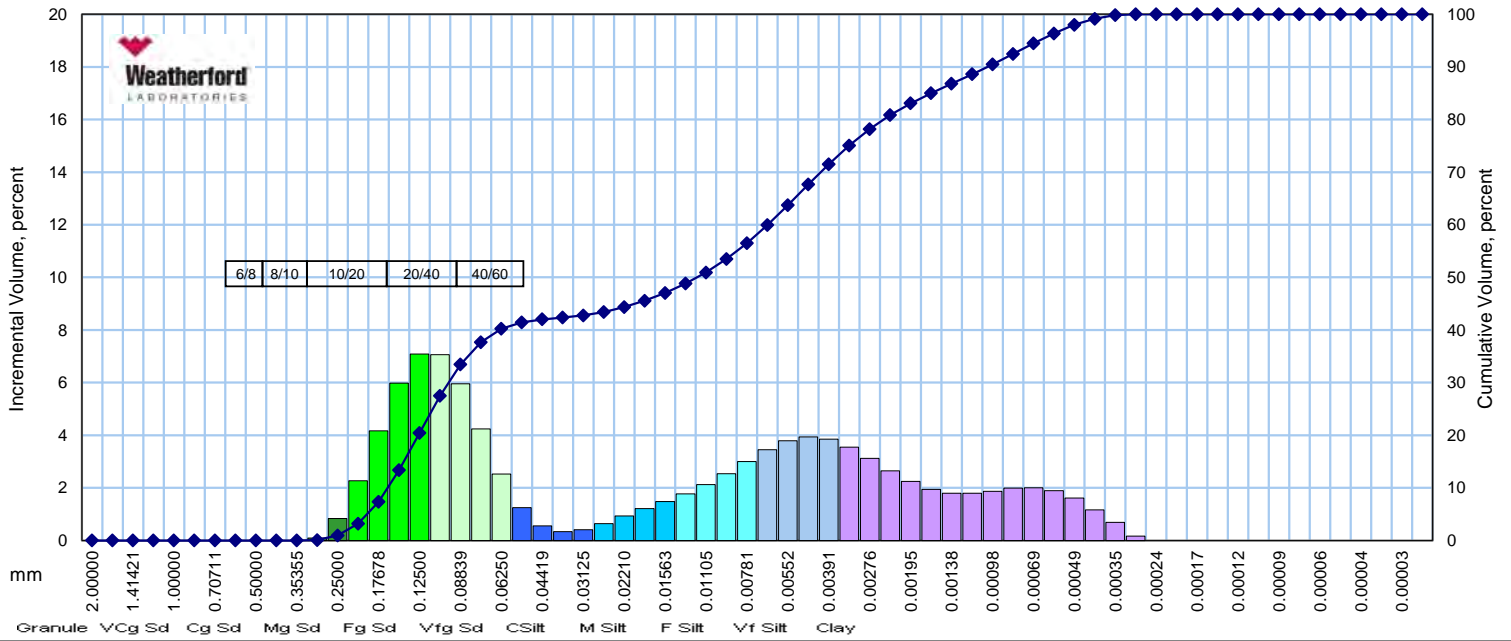
Measure	Trask, mm	Folk, phi	Inches
Median	0.0121	6.3726	0.0005
Mean	0.0168	6.3668	0.0007
Sorting	2.3459	2.0379	
Skewness	1.0095	0.0180	
Kurtosis	0.1655	1.2010	

LASER GRAIN SIZE ANALYSIS

Sediment

North Water District Laboratory Services, Inc.
GIWW Across Aransas Bay

Sample ID: GIC-AB-17-PA133-S
File: HH-99426



Wentworth Size Class	Mesh Size		Phi of Screen	U.S. Sieve No.	Incremental Volume, percent	Cumulative Volume, percent
	Inches	Millimeters				
Granule & VCg Sand	0.078740	2.00000	- 1.00	10	0.0	0.0
	0.066212	1.68179	- 0.75	12	0.0	0.0
	0.055678	1.41421	- 0.50	14	0.0	0.0
	0.046819	1.18921	- 0.25	16	0.0	0.0
	0.039370	1.00000	0.00	18	0.0	0.0
Cg Sand	0.033106	0.84090	0.25	20	0.0	0.0
	0.027839	0.70711	0.50	25	0.0	0.0
	0.023410	0.59460	0.75	30	0.0	0.0
Mg Sand	0.019685	0.50000	1.00	35	0.0	0.0
	0.016553	0.42045	1.25	40	0.0	0.0
	0.013919	0.35355	1.50	45	0.0	0.0
Fg Sand	0.011705	0.29730	1.75	50	0.1	0.1
	0.009843	0.25000	2.00	60	0.8	0.9
	0.008277	0.21022	2.25	70	2.3	3.2
Vfg Sand	0.006960	0.17678	2.50	80	4.2	7.4
	0.005852	0.14865	2.75	100	6.0	13.4
	0.004921	0.12500	3.00	120	7.1	20.4
C Silt	0.004138	0.10511	3.25	140	7.1	27.5
	0.003480	0.08839	3.50	170	6.0	33.5
	0.002926	0.07433	3.75	200	4.2	37.7
M Silt	0.002461	0.06250	4.00	230	2.5	40.2
	0.002069	0.05256	4.25	270	1.2	41.5
	0.001740	0.04419	4.50	325	0.6	42.0
F Silt	0.001463	0.03716	4.75	400	0.3	42.4
	0.001230	0.03125	5.00	450	0.4	42.8
	0.001035	0.02628	5.25	500	0.6	43.4
Vf Silt	0.000870	0.02210	5.50	635	0.9	44.4
	0.000732	0.01858	5.75		1.2	45.6
	0.000615	0.01563	6.00		1.5	47.0
Clay	0.000517	0.01314	6.25		1.8	48.8
	0.000435	0.01105	6.50		2.1	50.9
	0.000366	0.00929	6.75		2.5	53.5
TOTALS	0.000308	0.00781	7.00		3.0	56.5
	0.000259	0.00657	7.25		3.4	59.9
	0.000217	0.00552	7.50		3.8	63.7
TOTALS	0.000183	0.00465	7.75		3.9	67.7
	0.000154	0.00391	8.00		3.9	71.5

Wentworth Size Class	Mesh Size		Phi of Screen	U.S. Sieve No.	Incremental Volume, percent	Cumulative Volume, percent
	Inches	Millimeters				
Clay	0.000129	0.00329	8.25		3.6	75.1
	0.000109	0.00276	8.50		3.1	78.2
	0.000091	0.00232	8.75		2.6	80.8
	0.000077	0.00195	9.00		2.2	83.1
	0.000065	0.00164	9.25		1.9	85.0
	0.000054	0.00138	9.50		1.8	86.8
	0.000046	0.00116	9.75		1.8	88.6
	0.000038	0.00098	10.00		1.9	90.5
	0.000032	0.00082	10.25		2.0	92.5
	0.000027	0.00069	10.50		2.0	94.5
	0.000023	0.00058	10.75		1.9	96.4
	0.000019	0.00049	11.00		1.6	98.0
	0.000016	0.00041	11.25		1.2	99.1
	0.000014	0.00035	11.50		0.7	99.8
	0.000011	0.00029	11.75		0.2	100.0
	0.000010	0.00024	12.00		0.0	100.0
	0.000008	0.00021	12.25		0.0	100.0
	0.000007	0.00017	12.50		0.0	100.0
	0.000006	0.00015	12.75		0.0	100.0
	0.000005	0.00012	13.00		0.0	100.0
0.000004	0.00010	13.25		0.0	100.0	
0.000003	0.00009	13.51		0.0	100.0	
0.000003	0.00007	13.74		0.0	100.0	
0.000002	0.00006	14.00		0.0	100.0	
0.000002	0.000051	14.26		0.0	100.0	
0.000002	0.000043	14.51		0.0	100.0	
0.000001	0.000036	14.76		0.0	100.0	
0.000001	0.000031	14.98		0.0	100.0	
0.000001	0.000026	15.23		0.0	100.0	
TOTALS					100.0	100.0

Cumulative Volume Percent greater than			
Percentile	Phi Value	Particle Size	
		Inches	Millimeters
5	2.3725	0.0076	0.1931
10	2.6180	0.0064	0.1629
16	2.8460	0.0055	0.1391
25	3.1588	0.0044	0.1120
50	6.3947	0.0005	0.0119
75	8.2451	0.0001	0.0033
84	9.1146	0.0001	0.0018
90	9.9372	0.0000	0.0010
95	10.5652	0.0000	0.0007

Description	Sieve Size	Volume Percent
Granule	10	0.0
Very Coarse Sand	18	0.0
Coarse Sand	35	0.0
Medium Sand	60	0.9
Fine Sand	120	19.5
Very Fine Sand	230	19.8
Coarse Silt	450	2.6
Medium Silt		4.3
Fine Silt		9.4
Very Fine Silt		15.0
Clay		28.5
Total		100.0

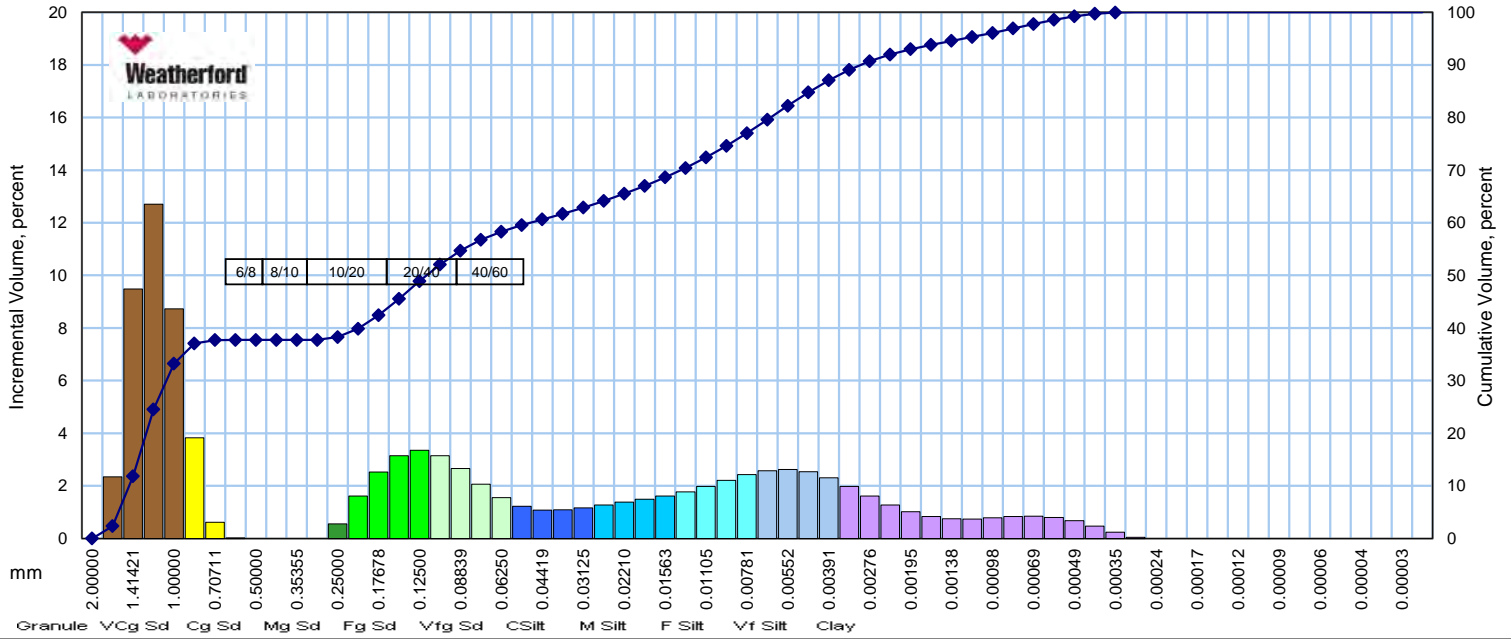
Measure	Trask, mm	Folk, phi	Inches
Median	0.0119	6.3947	0.0005
Mean	0.0576	6.1184	0.0023
Sorting	5.8285	2.8085	
Skewness	2.6127	-0.0571	
Kurtosis	0.3357	0.6601	

LASER GRAIN SIZE ANALYSIS

Sediment

North Water District Laboratory Services, Inc.
GIWW Across Aransas Bay

Sample ID: GIC-AB-17-REF133-S
File: HH-99426



Wentworth Size Class	Mesh Size		Phi of Screen	U.S. Sieve No.	Incremental Volume, percent	Cumulative Volume, percent
	Inches	Millimeters				
Granule & VCg Sand	0.078740	2.00000	- 1.00	10	0.0	0.0
	0.066212	1.68179	- 0.75	12	2.3	2.3
	0.055678	1.41421	- 0.50	14	9.5	11.8
	0.046819	1.18921	- 0.25	16	12.7	24.5
	0.039370	1.00000	0.00	18	8.7	33.3
Cg Sand	0.033106	0.84090	0.25	20	3.8	37.1
	0.027839	0.70711	0.50	25	0.6	37.7
	0.023410	0.59460	0.75	30	0.0	37.7
	0.019685	0.50000	1.00	35	0.0	37.7
Mg Sand	0.016553	0.42045	1.25	40	0.0	37.7
	0.013919	0.35355	1.50	45	0.0	37.7
	0.011705	0.29730	1.75	50	0.0	37.7
	0.009843	0.25000	2.00	60	0.6	38.3
Fg Sand	0.008277	0.21022	2.25	70	1.6	39.9
	0.006960	0.17678	2.50	80	2.5	42.4
	0.005852	0.14865	2.75	100	3.1	45.6
	0.004921	0.12500	3.00	120	3.4	48.9
Vfg Sand	0.004138	0.10511	3.25	140	3.1	52.1
	0.003480	0.08839	3.50	170	2.7	54.7
	0.002926	0.07433	3.75	200	2.1	56.8
	0.002461	0.06250	4.00	230	1.6	58.3
C Silt	0.002069	0.05256	4.25	270	1.2	59.6
	0.001740	0.04419	4.50	325	1.1	60.6
	0.001463	0.03716	4.75	400	1.1	61.7
	0.001230	0.03125	5.00	450	1.2	62.9
M Silt	0.001035	0.02628	5.25	500	1.3	64.2
	0.000870	0.02210	5.50	635	1.4	65.5
	0.000732	0.01858	5.75		1.5	67.0
	0.000615	0.01563	6.00		1.6	68.6
F Silt	0.000517	0.01314	6.25		1.8	70.4
	0.000435	0.01105	6.50		2.0	72.4
	0.000366	0.00929	6.75		2.2	74.6
	0.000308	0.00781	7.00		2.4	77.0
Vf Silt	0.000259	0.00657	7.25		2.6	79.6
	0.000217	0.00552	7.50		2.6	82.2
	0.000183	0.00465	7.75		2.5	84.8
	0.000154	0.00391	8.00		2.3	87.1

Wentworth Size Class	Mesh Size		Phi of Screen	U.S. Sieve No.	Incremental Volume, percent	Cumulative Volume, percent
	Inches	Millimeters				
Clay	0.000129	0.00329	8.25		2.0	89.1
	0.000109	0.00276	8.50		1.6	90.7
	0.000091	0.00232	8.75		1.3	92.0
	0.000077	0.00195	9.00		1.0	93.0
	0.000065	0.00164	9.25		0.8	93.8
	0.000054	0.00138	9.50		0.7	94.6
	0.000046	0.00116	9.75		0.7	95.3
	0.000038	0.00098	10.00		0.8	96.1
	0.000032	0.00082	10.25		0.8	96.9
	0.000027	0.00069	10.50		0.8	97.8
	0.000023	0.00058	10.75		0.8	98.6
	0.000019	0.00049	11.00		0.7	99.2
	0.000016	0.00041	11.25		0.5	99.7
	0.000014	0.00035	11.50		0.2	100.0
	0.000011	0.00029	11.75		0.1	100.0
	0.000010	0.00024	12.00		0.0	100.0
	0.000008	0.00021	12.25		0.0	100.0
	0.000007	0.00017	12.50		0.0	100.0
	0.000006	0.00015	12.75		0.0	100.0
	0.000005	0.00012	13.00		0.0	100.0
	0.000004	0.00010	13.25		0.0	100.0
	0.000003	0.00009	13.51		0.0	100.0
	0.000003	0.00007	13.74		0.0	100.0
0.000002	0.00006	14.00		0.0	100.0	
0.000002	0.000051	14.26		0.0	100.0	
0.000002	0.000043	14.51		0.0	100.0	
0.000001	0.000036	14.76		0.0	100.0	
0.000001	0.000031	14.98		0.0	100.0	
0.000001	0.000026	15.23		0.0	100.0	
TOTALS					100.0	100.0

Description	Sieve Size	Volume Percent
Granule	10	0.0
Very Coarse Sand	18	33.3
Coarse Sand	35	4.5
Medium Sand	60	0.6
Fine Sand	120	10.6
Very Fine Sand	230	9.4
Coarse Silt	450	4.6
Medium Silt		5.8
Fine Silt		8.4
Very Fine Silt		10.1
Clay		12.9
Total		100.0

Percentile	Cumulative Volume Percent greater than		
	Phi Value	Particle Size	
		Inches	Millimeters
5	-0.6571	0.0621	1.5769
10	-0.5382	0.0572	1.4521
16	-0.4168	0.0526	1.3350
25	-0.2402	0.0465	1.1812
50	3.0833	0.0046	0.1180
75	6.7919	0.0004	0.0090
84	7.6718	0.0002	0.0049
90	8.3871	0.0001	0.0030
95	9.6485	0.0000	0.0012

Measure	Trask, mm	Folk, phi	Inches
Median	0.1180	3.0833	0.0046
Mean	0.5951	3.4461	0.0234
Sorting	11.4401	3.5836	
Skewness	0.7658	0.2043	
Kurtosis	0.4044	0.6006	

Appendix B
Historic
Geotechnical Data

LOG OF BORING B-1



Rock Engineering & Testing Lab., Inc.
 6817 Leopard St.
 Corpus Christi, TX 78409
 Telephone: (361) 883-4555
 Fax: (361) 883-4711

CLIENT: RVE, Inc.
 PROJECT: Proposed Boardwalk Segment
 LOCATION: Goose Island State Park; Rockport, TX
 NUMBER: G111118

DATE(S) DRILLED: 02/21/11 - 02/21/11

DRILLING METHOD(S):
 Hollow Stem Auger

GROUNDWATER INFORMATION:
 Groundwater (GW) was encountered at 1' 6" during the drilling operations.
 GW at 4' and caved at 5' upon completion of the drilling operations.

SURFACE ELEVATION: N/A

DESCRIPTION OF STRATUM

SOIL SYMBOL	FIELD DATA				LABORATORY DATA						
	DEPTH (FT)	SAMPLE NUMBER	SAMPLES	N: BLOWS/FT P: TONS/SQ FT T: TONS/SQ FT PERCENT RECOVERY/ ROCK QUALITY DESIGNATION	MOISTURE CONTENT (%)	ATTERBERG LIMITS			DRY DENSITY POUNDS/CU FT	COMPRESSIVE STRENGTH (TONS/SQ FT)	MINUS NO. 200 SIEVE (%)
						LL	PL	PI			
	1										
SS S-1	2		N= 4		20						8
	3										
SS S-2	4		N= 1		50	61	20	41			65
	5										
SS S-3	7		N= WOH		30						
	8										
SS S-4	9		N= WOH		35						
	10										
SS S-5	12		N= WOH		32	44	14	30			61
	13										
SS S-6	14		N= WOH		31						
	15										

POORLY GRADED SAND, with silt, brown, moist, loose.

SANDY FAT CLAY, with calcareous deposits, dark greenish gray, moist, very soft. (CH)

SANDY LEAN CLAY, dark greenish gray, moist, very soft.

Same as above.

Same as above. (CL)

SANDY LEAN CLAY, dark greenish gray, moist, very soft.

Boring was terminated at a depth of 15-feet.

N - STANDARD PENETRATION TEST RESISTANCE
 P - POCKET PENETROMETER RESISTANCE
 T - POCKET TORVANE SHEAR STRENGTH

REMARKS:

Boring depth was determined by RETL and boring location was determined by RVE, Inc. Boring operations were performed by EnviroCore, a drilling sub consultant to RETL, at GPS Coord. N 28.128245 W 96.989498.
 WOH = Weight of Hammer



KEY TO SOIL CLASSIFICATIONS AND SYMBOLS								
UNIFIED SOIL CLASSIFICATION SYSTEM								
Major Divisions	Letter	Symbol		NAME	TERMS CHARACTERIZING SOIL STRUCTURE			
		Hatching	Color					
COARSE GRAINED SOILS	GRAVEL AND GRAVELLY SOILS	GW		RED	Well - graded gravels or gravel - sand mixtures, little or no fines	SLICKENSIDED - having inclined planes of weakness that are slick and glossy in appearance		
		GP			Poorly-graded gravels or gravel - sand mixtures, little or no fines		FISSURED - containing shrinkage cracks, frequently filled with fine sand or silt; usually more or less vertical	
		GM		YELLOW	Silty gravels, gravel - sand - silt mixtures	LAMINATED (VARVED) - composed of thin layers of varying color and texture, usually grading from sand or silt at the bottom to clay at the top.		
		GC			Clayey gravels, gravel - sand - clay mixtures			
	SAND AND SANDY SOILS	SW		RED	Well - graded sands or gravelly sands, little or no fines			CRUMBLY - cohesive soils which break into small blocks or crumbs on drying
		SP			Poorly - graded sands or gravelly sands, little or no fines		CALCAREOUS - containing appreciable quantities of calcium carbonate, generally nodular.	
		SM		YELLOW	Silty sands, sand - silt mixtures	WELL GRADED - having wide range in grain sizes and substantial amounts of all intermediate particle sizes.		
		SC			Clayey sands, sand - clay mixtures			POORLY GRADED - predominantly of one grain size (uniformly graded) or having a range of sizes with some intermediate size missing (gap or skip graded)
FINE GRAINED SOILS	SILTS AND CLAYS LL < 50	ML		GREEN	Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with			
		CL			Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays		M/C = 15 - Natural moisture content in percent.	
		OL			Organic silts and organic silt-clays of low plasticity	$\gamma = 95$ - Dry unit weight in lbs/cu ft.		
	SILTS AND CLAYS LL > 50	MH		BLUE	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts	$Q_u = 1.23$ - Unconfined compression strength in tons/ sq ft.		
		CH			Inorganic clays of high plasticity, fat clays	51 - 21 - 30 - Liquid limit, Plastic limit, and Plasticity index.		
		OH			Organic clays of medium to high plasticity, organic silts	30% FINER - Percent finer than No. 200 mesh sieve		
HIGHLY ORGANIC SOILS	P ₁		ORANGE	Peat and other highly organic soils	30 B/F - Blows per foot, standard penetration test.			
<p>▼ - Ground water table.</p>								
TERMS DESCRIBING CONSISTENCY OF SOIL (2)								
COARSE GRAINED SOILS			FINE GRAINED SOILS					
DESCRIPTIVE TERM	NO. BLOWS / FT. STANDARD PEN. TEST	DESCRIPTIVE TERM	NO. BLOWS / FT. STANDARD PEN. TEST	UNCONFINED COMPRESSION TONS PER SQ. FT.				
Very loose	0 - 4	Very Soft	< 2	< 0.25				
Loose	4 - 10	Soft	2 - 4	0.25 - 0.50				
Firm (medium)	10 - 30	Plastic (med. Stiff)	4 - 8	0.50 - 1.00				
Dense	30 - 50	Stiff	8 - 15	1.0 - 2.00				
Very Dense	over 50	Very Stiff	15 - 30	2.00 - 4.00				
		Hard	over 30	over 4.00				

Field classification for "Consistency" is determined with a 0.25" diameter penetrometer.