

**40355 Braithwaite, LA**  
**Stolthaven Terminal Facility**  
**Summary of Community Air Monitoring and Sampling Results**  
**September 17, 2012**  
**PO# 12-H0408-MR**

This data report discusses real-time community air monitoring data collected between September 16<sup>th</sup> 00:00 and September 16<sup>th</sup> 23:59 in support of mitigation and remediation operations conducted near Stolthaven's facility near Braithwaite, LA.

Community real-time air monitoring was conducted for VOCs, LEL, and ethanolamine using hand-held instruments such as the MultiRAE and colorimetric detector tubes. Table 1 below displays a data summary for hand-held instrument data. No site-related detections of ethanolamine, VOC, and LEL were observed offsite. Table 2 highlights analytical sample counts collected within offsite air. Appendix 1 shows incident site maps.

**Table 1**  
**Hand-held MultiRAE Real-time Summary – September 16<sup>th</sup> 00:00 – 23:59**

Community				
Analyte	Number of Readings	Number of Detections	Average Concentration of Detections	Highest Concentration
Ethanolamine	1	0	NA	< 3.9 ppm
LEL	231	0	NA	< 1.0 %
VOC	231	0	NA	< 0.1 ppm

NA = not applicable

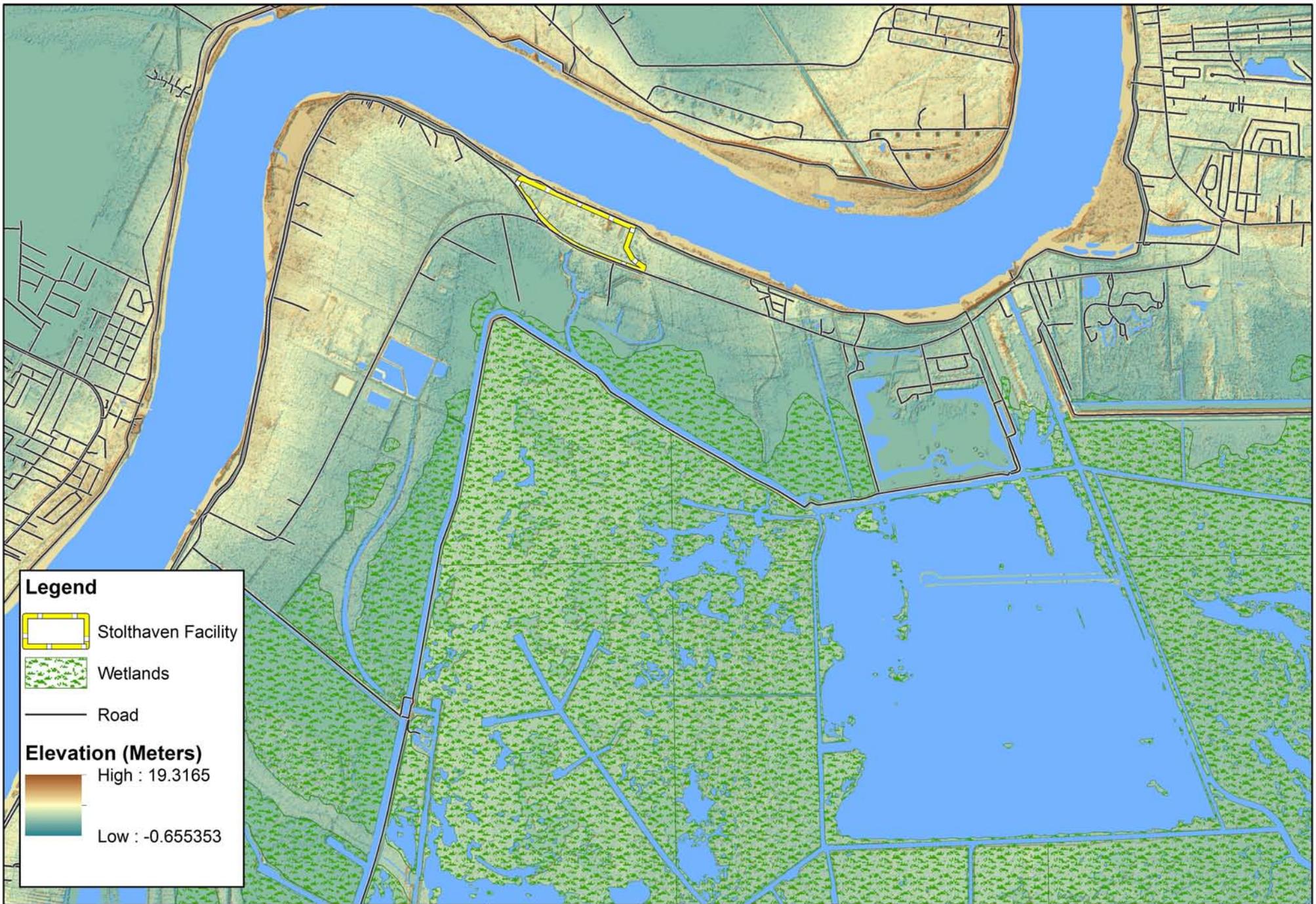
\* In addition to the tabulated real-time data, additional air monitoring for the purpose of worker protection was performed throughout the work area. These data are used for task-specific decision-making, but may not be recorded in the tabulated data represented above.

**Table 2**  
**Analytical Sample Counts – September 16<sup>th</sup> 00:00 – 23:59**

Matrix	Number of Samples
Air	6

**References:** LDEQ. Title 33: Environmental Quality. Part III. Air. Baton Rouge, LA: Louisiana Department of Environmental Quality; 2007 Jun.

# Appendix 1: Incident Maps



**Legend**

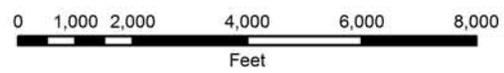
-  Stolthaven Facility
-  Wetlands
-  Road

**Elevation (Meters)**

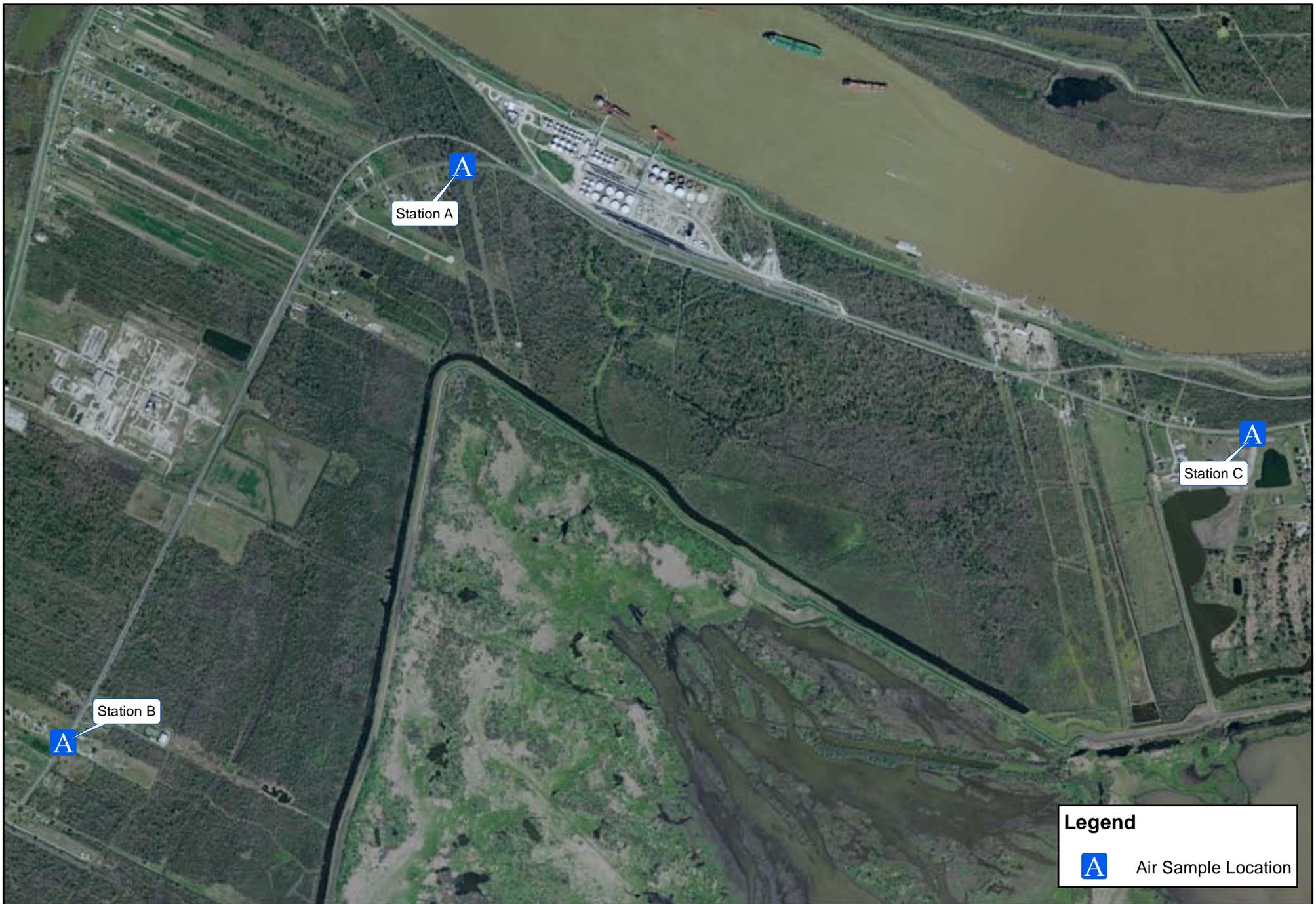
High : 19.3165

Low : -0.655353

**Stolthaven Facility  
Shaded Relief of Elevation**



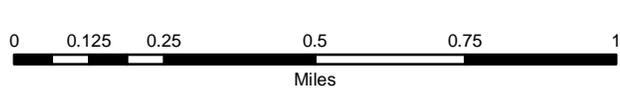
<b>CTEH</b> <small>Project No. 40355</small>	<b>Stolthaven</b>
	<b>Braithwaite, LA</b>
	<b>Plaquemines Parish</b>
<b>Print Date: 9/17/2012</b>	



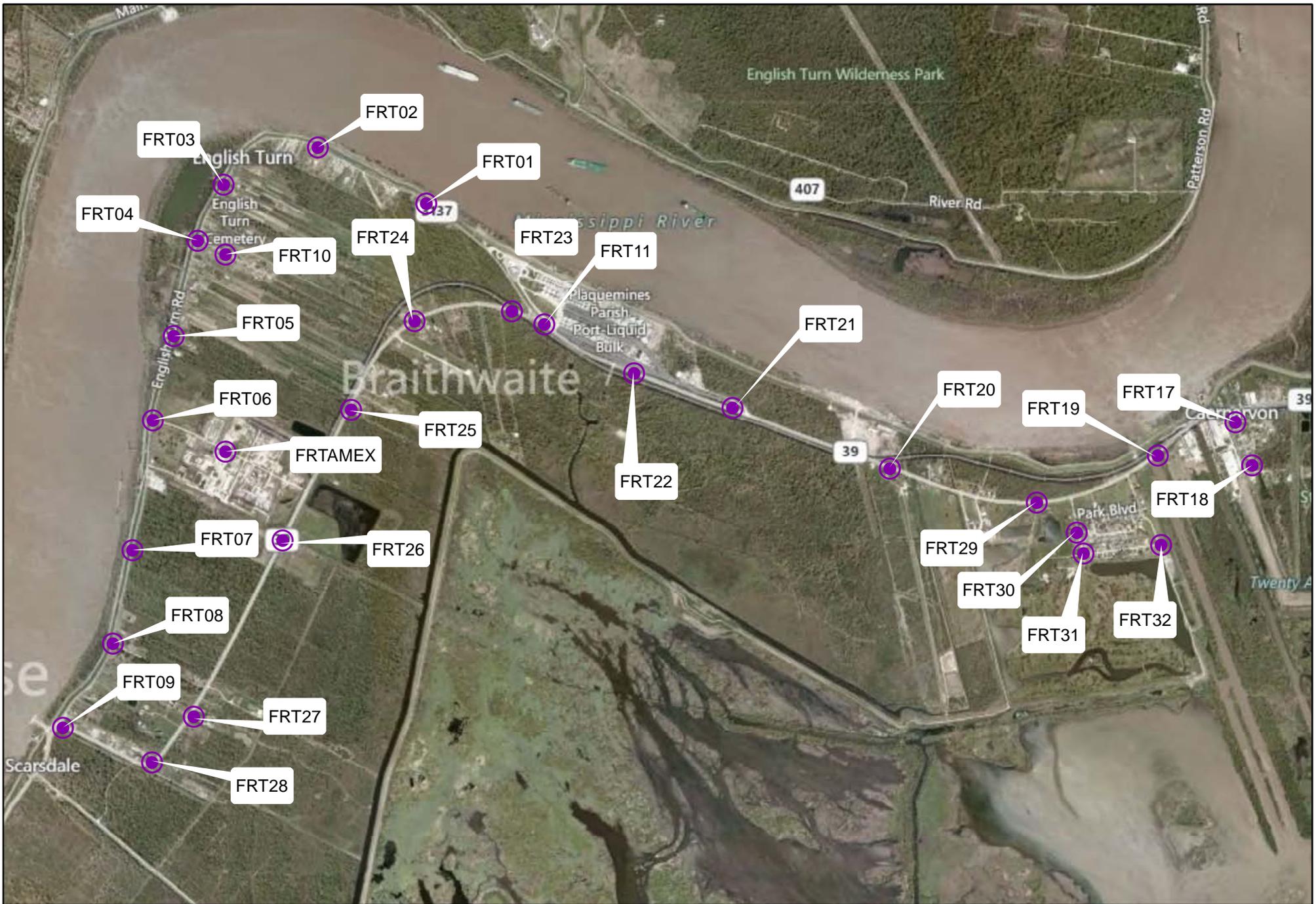
**Legend**

 Air Sample Location

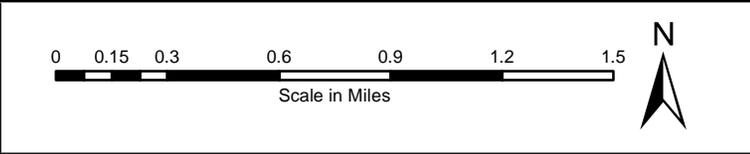
**Community Ambient Air Analytical Sampling Locations**



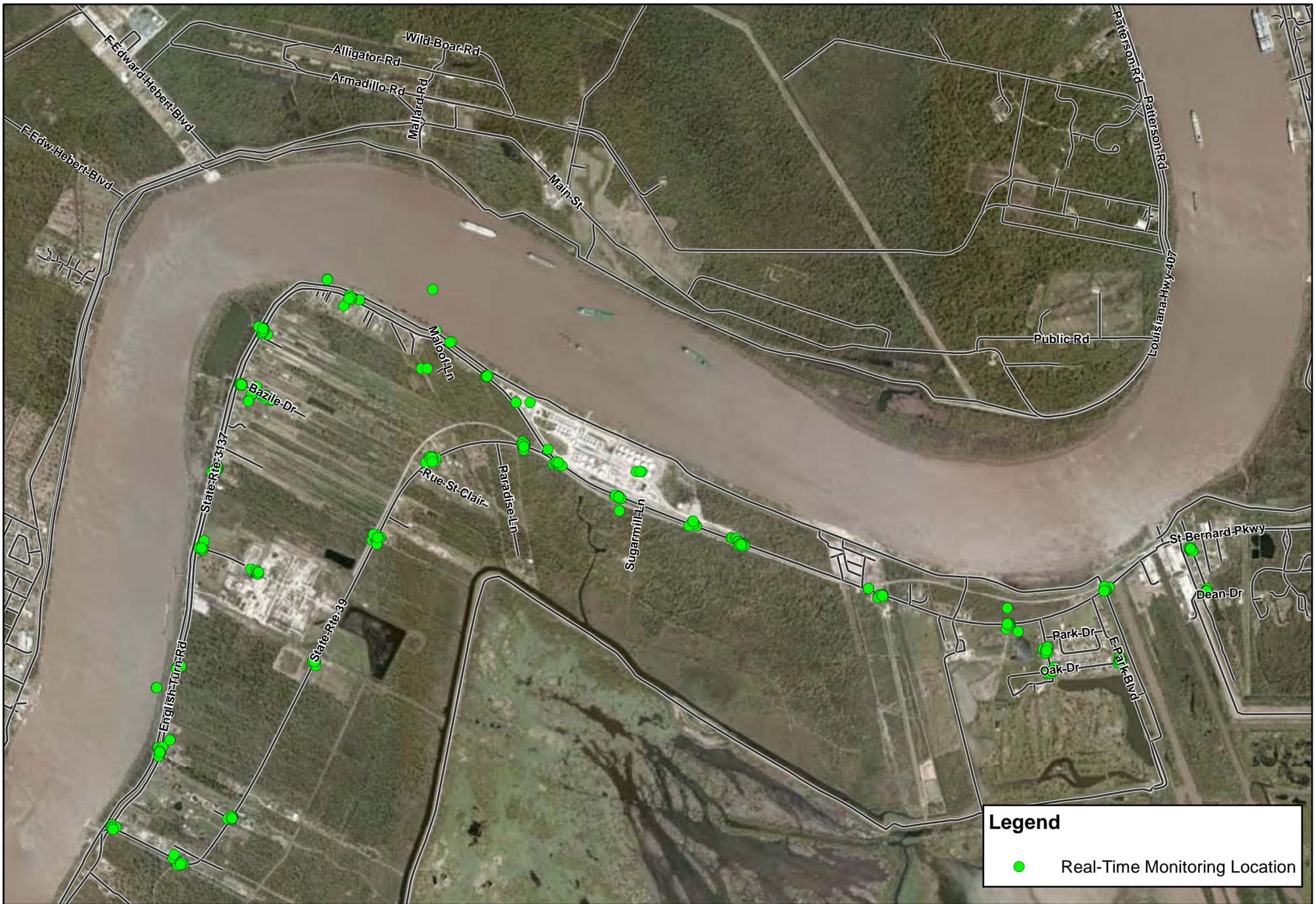
 Project No. <b>40355</b>	<b>Stolthaven</b>
	<b>Braithwaite, LA</b>
	<b>Plaquemines Parish</b>
	<b>Print Date: 9/17/2012</b>



# Community Fixed Real-Time Monitoring Locations

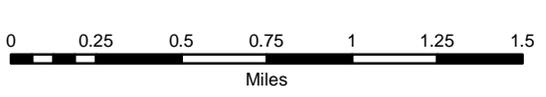


	Garner Environmental
	Braithwaite, LA
	Plaquemines Parish
Project No. <b>40355</b>	Print Date: 9/11/2012



# Community Real-Time Monitoring Locations

9/16/12 00:00 to 9/16/12 23:59



**Legend**

- Real-Time Monitoring Location

 Project No. <b>40355</b>	<b>Stolthaven</b> <b>Braithwaite, LA</b>
	<b>Plaquemines Parish</b> Print Date: 9/17/2012



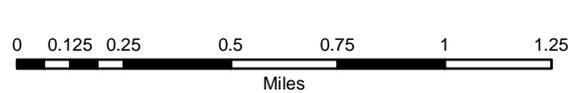
**Legend**

**VOC Concentration**

- <0.1 ppm
- 0.1 - 2 ppm
- 3 - 10 ppm
- 11 - 40 ppm
- >40 ppm

**Manually-Logged  
Community VOC Concentrations**

9/16/12 00:00 to 9/16/12 23:59



Project No.  
**40355**

**Stolthaven  
Braithwaite, LA**

**Plaquemines Parish  
Print Date: 9/17/2012**