

# **Florida Department of Environmental Protection**

## **2016-2017 Annual Air Monitoring Network Plan Addendum**

**Division of Air Resource Management  
Florida Department of Environmental Protection  
November 2017**

Florida Department of Environmental Protection  
Division of Air Resource Management  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400  
[www.dep.state.fl.us](http://www.dep.state.fl.us)



## **1.0 Introduction**

This addendum provides information for a full evaluation of the relocation of the USMC Reserve Center (Gandy) site (AQS Site #12-057-1065) located at 5121 West Gandy Boulevard in Tampa, Florida. Hillsborough County received a request from the land owner to relocate the Gandy site to another area of the property. The site was relocated 46.26 meters (151.76 feet) southeast of the original site to accommodate the property owner's request.

DRAFT

## 2.0 Site Relocation Information

### USMC Reserve Center (Gandy) - AQS Site # 12-057-1065

The USMC Reserve Center (Gandy) site was relocated to another area of the property at the request of the property owner. Operations were suspended on March 9, 2017 pending the move, and resumed on March 24, 2017. The site was relocated 46.26 meters southeast of its original location. The site continues to monitor the same air mass, and retained its AQS Site number and address. Additional information is provided in Table 2.1 and Figures 2.1 - 2.11 below.

Table 2.1 USMC Reserve Center (Gandy) - AQS Site # 12-057-1065

USMC Reserve Center (Gandy) -AQS Site # 12-057-1065	
<b>AQS Site #</b>	12-057-1065
<b>City (CBSA)</b>	Tampa
<b>Site Name</b>	USMC Reserve Center (Gandy)
<b>Statement of Purpose</b>	Ozone: Needed by Regulation; PM <sub>2.5</sub> : Used for AQI
<b>Site Review Date</b>	April 18, 2017
<b>County</b>	Hillsborough
<b>Location Latitude</b>	27.893331 N
<b>Location Longitude</b>	-82.537744 W
<b>Address</b>	5121 Gandy Boulevard
<b>Objective</b>	Ozone: Population Exposure; PM <sub>2.5</sub> : High Concentration
<b>Pollutants Monitored</b>	Ozone and PM <sub>2.5</sub>
<b>Sampling and Analysis Method</b>	Ozone: Thermo 49i, UV Photometry; Continuous PM <sub>2.5</sub> : TEOM 1400AB, Gravimetric Analysis
<b>Spatial Scale</b>	Neighborhood
<b>Operating Schedule</b>	Continuous
<b>Network Type</b>	Ozone: SLAMS; PM <sub>2.5</sub> : SPM
<b>Distance from Inlet to nearest:</b>	Tree Dripline = 50.00 meters Road = 121.00 meters Wall = NA
<b>Access</b>	Unlimited w/proper credentials
<b>Owner of Land</b>	United States Marine Corp
<b>Inlet Height</b>	Ozone: 4.00 meters; PM <sub>2.5</sub> : 4.00 meters
<b>Comments</b>	No structures influence the site.

**Photos for the USMC Reserve Gandy Site - AQS #12-057-1065**

**Figure 2.1 North of the Site**



**Figure 2.2 Northeast of the Site**



**Figure 2.3 East of the Site**



**Figure 2.4 Southeast of the Site**



Figure 2.5 South of the Site



Figure 2.6 Southwest of the Site



Figure 2.7 West of the Site



Figure 2.8 Northwest from the Site



Figure 2.9 USMC Gandy Site



Figure 2.10 Aerial Image of USMC Reserve Center (Gandy) Site (with Former Site Represented)





Figure 2.11 Wind Rose for USMC Reserve Center (AQS Site ID #: 12-057-1065

