

REGULATORY COMPLIANCE DEPARTMENT



RECEIVED  
AIR TOXIC MONITORING BRANCH  
2014 DEC 19 P 4:42  
US EPA REGION #4-ATL.GA

December 31, 2014

Angela Isom  
EPA Project Officer  
U.S. EPA, Region 4  
Air, Pesticides and Toxics Management Division  
61 Forsyth Street  
Atlanta, Georgia 30303-8960

**RE: EPA Section 105 Grant FY 2014  
Final Technical/Performance Report**

Dear Ms. Isom:

The City of Jacksonville, Florida, Environmental Quality Division (EQD) provides the following summary report of EQD activities and accomplishments for Fiscal Year 2014 in accordance with the EPA Section 105 Grant Air Planning Agreement.

**Air Pollution Source Compliance Activities**

- EQD conducted 184 air pollution permitted facility inspections.
- EQD performed 240 reviews of visible emission test reports.
- EQD performed 13 reviews of stack test emission reports.
- EQD performed 12 Type II field audits of stack testing consultants.

**Ambient Air Monitoring Activities**

- The EQD maintained and operated twelve (12) ambient air monitoring sites throughout Duval County, which now includes a near road NO<sub>x</sub> site.
- EQD maintained ambient air monitoring for: CO, SO<sub>2</sub>, O<sub>3</sub>, NO<sub>x</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub>. Ambient air data collection exceeded 75%. In fact, EQD data collection efficiencies range from 90% to 98%.

- EQD has operated all criteria pollutant monitors in compliance with all EPA QA/QC procedures, as established.
- EQD has submitted all SOP's to the State and has received final approval of SOP's from EPA Region 4.
- EQD has evaluated all ambient air monitoring equipment and has categorized the condition as poor or good. EQD initiated a five year plan to upgrade the entire monitoring network.
- EQD reports all NAAQS exceedances to the State of Florida DEP as soon as the exceedance is discovered.
- EQD flags all exceptional event data as required.
- EQD submits PM2.5 and Ozone data to the AIRNOW web site. All data is submitted before 3:55 PM EDT as required on a daily basis.
- EQD attended the Region 4 ambient air monitoring meeting.

#### **Air Toxics Monitoring Activities**

- EQD maintained and operated five stationary, air toxic monitoring sites in Duval County, collecting approximately 8500 plus air toxic samples.
- EQD air toxic monitoring sites have recorded Chloromethane and Dichlorodifluoromethane, as the HAP, with the highest annual average concentrations in Duval County.
- EQD maintains an EPA approved QAPP.
- EQD submits all air toxic monitoring data to the Florida Department of Environmental Protection (FDEP) who is responsible for inputting the data into the EPA AQS database system.
- EQD completed the 2012 HAP emission inventory for point sources, and submitted it to the FDEP, no other emission inventory has been required.

#### **Air Pollution Response Activities**

- EQD responded to over 636 air pollution related citizen complaints. The majority of complaints responded to were related to odors, followed by open burning.

Angela Isom  
U.S. EPA, Region 4  
December 31, 2014  
Page 3 of 3

**Air Pollution Enforcement Activities**

- EQD initiated 6 air pollution enforcement cases.
- EQD collected \$27,980 in air pollution related enforcement case penalties.

**Asbestos Activities**

- EQD processed 146 asbestos demolition notifications and performed 63 site inspections.

**Compliance Assistance/ Compliance Incentive Activities**

- EQD sponsored an Environmental Partnering Workshop on August 15, 2014. The workshop provided an opportunity for Industry, Environmental Groups, General Public and Regulatory Agencies to network and build toward environmental compliance.

The above data reflects that EQD met or exceeded the goals established in the Air Planning Agreement for fiscal year 2014. Hence, the above information should satisfy the Air Planning Agreement requirement relating to a final performance report of the EQD accomplishments for fiscal year 2014.

If you have any questions or need additional information, please contact me.

Respectfully,



Robert S. Pace, P.E.  
Environmental Engineering Manager Senior

RSP/ADM

c: Melissa Long, Division Chief, EQD  
Sandi Assidy  
File – EPA 105 Grant FY '14