

## **Attachment.**

# **Atmospheric Deposition Monitoring Operation, Maintenance, and Reporting Contract Addendum #1. Scope of Work**

**Date of Addendum:** May 7, 2012

In 2010 and 2011, Stormwater Services purchased and installed equipment to measure wet and dry atmospheric deposition within the City limits. A station on Carpenter Fletcher Road (referred to as the South Station) includes equipment to monitor wet deposition. A second station, co-located with NC Division of Air Quality monitoring equipment on Stadium Drive, includes equipment to monitor both wet and dry deposition. This station is referred to as the North Station. Operations began at the South Station in March 2011 while the North Station was fully operational in June 2011.

### **Scope of Work.**

AMEC Environment & Infrastructure, Incorporated will continue to collect wet and dry deposition samples weekly at the North Durham Site. Samples will be collected weekly, in accordance with the July 2011 Quality Assurance Project Plan, through October 26, 2012. Wet deposition samples will to be analyzed for nitrate, ammonia/ammonium, and total Kjeldahl nitrogen. For the dry deposition samples, the continued operations of the CASTNET dry deposition filter pack is required. Analyses of the filter packs will be completed for nitric acid, ammonium, nitrate, and ammonia.

AMEC will prepare and deliver a final project report by December 15, 2012. The final project report will describe the results of monitoring through October 2012.

### **Compensation Amount**

No payment will be made until the contract is approved by the Durham City Council and City Manager, and has been fully executed by all parties. The total cost for this addendum is \$26,195.00. Under no condition will the City be liable for the payment of any interest charges associated with the cost of the contract. AMEC will continue to provide invoices on a monthly basis, including a description of work completed for the prior month.

### **Schedule**

Additional monitoring will begin the week of June 25, 2012 and continue through October 31, 2012. The final report is due on December 15, 2012.