



engineering and constructing a better tomorrow

August 31, 2010

Mr. Frank Sowers  
Project Manager  
New York State Department of Environmental Conservation  
Region 8 – Division of Environmental Remediation  
6274 East Avon-Lima Road  
Avon, NY 14414

Subject: **VCA Index # B8-0508-97-02**  
**Former Taylor Instrument Facility**  
**August 2010 Progress Report**  
**MACTEC Project 3031-05-2006**

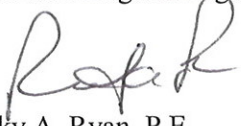
Dear Mr. Sowers:

In accordance with Section II of the Taylor VCA, attached please find the August 2010 progress report.

Should you have any questions, please contact me at (865) 588-8544 or RARyan@mactec.com.

Sincerely,

MACTEC Engineering and Consulting, Inc.

  
Ricky A. Ryan, P.E.  
Senior Principal Project Manager  
[1014]

  
K. Joe Deatherage  
Senior Environmental Engineer

cc: James D. Charles, NYSDEC (electronic)  
Katherine Comerford, NYSDOH (electronic)  
Jeffrey Kosmala, MCHD  
Jean McCreary, Nixon Peabody LLP (electronic)  
David McAdams, Thermo Fisher Scientific (electronic)  
Nelson Walter, MACTEC (electronic)  
John Conant, ABB (electronic)

Enclosure

## **Progress Report – August 2010**

### **Voluntary Cleanup of Former Taylor Instruments Facility**

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#### **I. Introduction**

In accordance with Section II of the Voluntary Cleanup Agreement (the Agreement) between Combustion Engineering (C-E) and the New York State Department of Environmental Conservation (NYSDEC), Agreement Index Number B8-0508-97-02, MACTEC Engineering and Consulting, Inc. (MACTEC), on behalf of C-E, has prepared this monthly progress report. The progress report is intended to supply information described in Items A.1 through A.5 of Section II of the Agreement. It should also be noted that the successor company to C-E is ABB Inc.

As the department is aware, C-E and Thermo Fisher Scientific Company (formerly Fisher Scientific LLC) have reached an agreement through which C-E will take the lead on all on-site activities, while Thermo Fisher Scientific will take the lead on all off-site activities.

#### **II. Description of Actions Taken Toward Compliance with Agreement [A.1]**

During the reporting period, C-E undertook the following actions towards achieving compliance with the Agreement:

- MACTEC began implementation of the activities contained in the *Revised Work Plan for Accelerated Bioremediation and Permanent Decommissioning of the Remedial Treatment System*. MACTEC mobilized on August 8, 2010, and completed the abandonment of 70 on-site wells, plugging of associated lines and conduits, and decommissioning of remediation equipment. After completing these activities, MACTEC demobilized on August 26, 2010 to prepare for the next major task; the injection associated with an expanded application for accelerated bioremediation.
- MACTEC received NYSDEC approval of the *Vapor Mitigation Measure Work Plan for 80 Ames Street and 215 Danforth Street* via letter dated August 17, 2010. In consultation with the property owner, MACTEC has scheduled the implementation of vapor mitigation activities for September 13 – 15, 2010.

Thermo Fisher Scientific's activities related to off-site activities in August are listed below.

- None.

#### **III. Summary of Sampling and Testing Results [A.2]**

- None.

#### **IV. Required Deliverables Submitted [A.3]**

- None.

#### **V. Scheduled Future Actions [A.4]**

- MACTEC will mobilize on September 12, 2010 to begin implementation of the remaining activities contained in the *Revised Work Plan for Accelerated Bioremediation and Permanent Decommissioning of the Remedial Treatment System*. Concurrent with these

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activities, MACTEC will implement all activities contained in the *Vapor Mitigation Measure Work Plan for 80 Ames Street and 215 Danforth Street* on September 13 – 15, 2010.

- Following completion of the expanded injection for accelerated bioremediation, as described in the *Revised Work Plan for Accelerated Bioremediation and Permanent Decommissioning of the Remedial Treatment System*, MACTEC will perform the first post-closure groundwater monitoring event in May 2011.
- Sub-slab vapor and indoor air samples are scheduled for collection from 7 Lynchford Park B, at the beginning of the heating season in November 2010.

**VI. Percentage Completion/Delays [A.5]**

The following table summarizes percentage completion, expected delays, and mitigative measures for items specified in the Agreement and other major actions. For items prior to calendar year 2003, see monthly progress reports dated June 2003 or earlier.

Item	Status	Delays Anticipated or Encountered	Mitigative Measures, Comments
Final Engineering Report (Final), Mercury and VOC Remediation	100%	Completed.	Document was approved, assignable release and covenant not to sue issued by NYSDEC via letter dated September 2, 2005.
Periodic Groundwater Monitoring Reports	NA	Ongoing.	Quarterly (2003), Semi-Annually (2004), Annually (2005-present)
DPVE Remedial System Operation	100%	Completed.	Based on NYSDEC approval of the aforementioned Revised Work Plan, the system will be decommissioned.
Accelerated Bioremediation Pilot Test	100%	Completed.	None.
2009 Soil Vapor Investigation	100%	Completed.	None.
2010 Vapor Mitigation Measure at 80 Ames/215 Danforth	0%	Ongoing.	Implementation of the work plan scheduled to begin September 13, 2010
2010 Accelerated Bioremediation and Permanent Decommissioning of the Remedial Treatment System	50%	Ongoing.	Implementation of the work plan began on August 8, 2010. Schedule for work completion is mid-October 2010.

**VII. Proposed Investigative/Remedial Work Plan Modifications [A.6]**

None.