



engineering and constructing a better tomorrow

October 8, 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
September 2010 Progress Report
MACTEC Project 3031-05-2006

Dear Mr. Sowers:

In accordance with Section II of the Taylor VCA, attached please find the September 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.

A handwritten signature in black ink, appearing to read "Ricky A. Ryan".

Ricky A. Ryan, P.E.
Senior Principal Project Manager

A handwritten signature in black ink, appearing to read "K. Joe Deatherage".

K. Joe Deatherage
Senior Environmental Engineer

[1020]

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 – September 2010

Voluntary Cleanup of Former Taylor Instruments Facility

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 continued implementation of the activities contained in the *Revised Work Plan for Accelerated Bioremediation and Permanent Decommissioning of the Remedial Treatment System*. MACTEC remobilized on September 12, 2010, to begin the injection associated with an expanded application for accelerated bioremediation.
- MACTEC's subcontractor installed the vapor mitigation system at the 80 Ames/215 Danforth Street duplex on September 14, 2010. On September 15, 2010, the soil vapor probe points along Ames Street and West Avenue were abandoned.

Thermo Fisher Scientific's activities related to off-site activities in September 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 continue implementation of the remaining activities contained in the *Revised Work Plan for Accelerated Bioremediation and Permanent Decommissioning of the Remedial Treatment System*. It is estimated that these field activities will be completed by October 8, 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 begin preparation of the associated Construction Completion Report and Operation, Maintenance, and Monitoring Plan.

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MACTEC will also perform the first post-closure groundwater monitoring event in May 2011.

- Contingent on scheduling with the owner and resident, 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	100%	Ongoing.	Implementation of the work plan scheduled to begin September 13, 2010
2010 Accelerated Bioremediation and Permanent Decommissioning of the Remedial Treatment System	85%	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.