



engineering and constructing a better tomorrow

January 6, 2011

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
December 2010 Progress Report
MACTEC Project 3031-05-2006

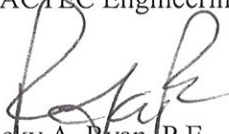
Dear Mr. Sowers:

In accordance with Section II of the Taylor VCA, attached please find the December 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
[1031]


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)
Melody Christopher, ABB (electronic)

Enclosure

Progress Report – December 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:

- Associated with the implementation of the *Revised Work Plan for Accelerated Bioremediation and Permanent Decommissioning of the Remedial Treatment System* and the *Vapor Mitigation Work Plan*, on December 27, 2010 MACTEC submitted a *Construction Completion Report (CCR)* and revised *Operations, Maintenance, and Monitoring (OM&M) Manual*.
- Associated with indoor air and sub-slab vapor sampling from the residence at 7 Lynchford Park B in November 2010, as detailed in the addendum to the *Work Plan for Sub-Slab Vapor and Indoor Air Investigation*, MACTEC validated preliminary results from the sampling activities and began preparation of an *Addendum to Vapor Mitigation Measure Work Plan*.
- Following receipt of validated results, ABB issued a notification letter of results to the owner/tenant of 7 Lynchford Park B. The notification letter provided a summary of the results from the sub-slab vapor and indoor air investigation conducted in November 2010.
- MACTEC began preparation of the *2010 Annual Progress Report*, which will include a *Periodic Review Report*.

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

- None.

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

- Preliminary results for the sub-slab vapor and indoor air sampling performed at 7 Lynchford Park B were provided in the November 2010 Monthly Progress Report. The validated results will be provided in the *Addendum to Vapor Mitigation Measure Work Plan*, which will be submitted in January 2011.

IV. Required Deliverables Submitted [A.3]

- On December 27, 2010, MACTEC submitted a CCR and revised OM&M Manual.

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V. Scheduled Future Actions [A.4]

- MACTEC will submit the *Addendum to Vapor Mitigation Measure Work Plan* to the NYSDEC and New York State Department of Health in January 2011.
- MACTEC will continue preparation of the *2010 Annual Progress Report and Periodic Review Report*, which will be submitted by March 2011.

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 was 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% | Completed. | None. |
| 2010 Accelerated Bioremediation and Permanent Decommissioning of the Remedial Treatment System | 100% | Completed. | None. |
| 2010 CCR and revised OM&M Manual | 100% | Completed | Pending NYSDEC approval. |

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

None.