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October 22, 2010

Mr. Larry A. Rosenmann
New York State Department of Environmental Conservation
Bureau of Hazardous Waste & Radiation Management
Division of Solid & Hazardous Materials
625 Broadway
Albany, New York 12233-7528

**Re: Carrier Corporation, Thompson Road Facility, Syracuse, New York
Corrective Action Order — Index CO 7-20051118-4
Phase 2 PCB Source Investigation Work Plan — Building TR-1 Subsurface
Investigation, (Rev01)**

Dear Mr. Rosenmann:

Please find enclosed one hard copy of the *Phase 2 PCB Source Investigation Work Plan — Building TR-1 Subsurface Investigation (Rev01)* for the referenced facility.

Please call me if you have any questions at (615) 255-9300.

Sincerely,

EnSafe Inc.

By: May Heflin, PE

Encl. Phase 2 PCB Source Investigation Work Plan (Rev01)

cc (electronic copy only):

Ms. MJ Peachey — NYSDEC Regional Engineer
Mr. Tim Diguilio — NYSDEC Region 7, Syracuse
Mr. James Gruppe — NYSDEC Region 7, Syracuse
Ms. Sandy Lizlovs — NYSDEC Region 7, Syracuse
Ms. Rebecca Quail — NYSDEC Bureau of Habitat, Albany
Ms. Susan Edwards — NYSDEC Division of Environmental Remediation
Mr. Dare Adelugba — NYSDEC Division of Water, Albany
Mr. Samuel Ezekwo — USEPA Region 2
Mr. William Penn — UTC
Mr. Nelson Wong — Carrier Corporation

PHASE 2 — PCB SOURCE INVESTIGATION WORK PLAN
Sub-Slab PCB Investigation in Building TR-1

**UNITED TECHNOLOGIES/CARRIER
THOMPSON ROAD FACILITY
SYRACUSE, NEW YORK**

**EnSafe Project Number
0888809186**

Revision No.: 0

Prepared for:

**United Technologies Corporation
UTC Shared Remediation Services
United Technologies Building
Hartford, Connecticut 06010**

Prepared by:



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October 2010

PHASE 2 — PCB SOURCE INVESTIGATION WORK PLAN
Building TR-1

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THOMPSON ROAD FACILITY
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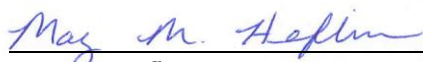
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October 2010

Prepared By:



May M. Heflin, PE

October 21, 2010
Date

Reviewed By:



Lori Goetz

October 21, 2010
Date

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EXECUTIVE SUMMARY

Carrier Corporation, a wholly-owned subsidiary of United Technologies Corporation, is currently working through Corrective Action Order — Index CO 7-20051118-4 (order) dated February 13, 2006, with the New York State Department of Environmental Conservation Division of Solid and Hazardous Materials (NYSDEC-DSHM), to identify potential sources of polychlorinated biphenyls (PCBs) in storm water effluent at Outfall 002.

Carrier submitted a Phase 2 PCB Source Investigation Work Plan to NYSDEC-DSHM on February 24, 2010, based on comments received on the Potential PCB Sources Report (Carrier, 2009). In dialogue with the agency, the site strategy has evolved since February 2010:

- NYSDEC-DSHM, in correspondence dated April 30, 2010, commented on this work plan with requests for additional and more extensive investigations.
- Subsequent to the NYSDEC-DSHM April 30, 2010 correspondence, Carrier representatives met with NYSDEC Region 7 representatives on May 12, 2010, to discuss an overall approach to controlling storm water discharges at the Carrier facility. This approach included a combination of treatment, storage, and diversion to meet the 25-year, 24-hour storm event for the 002 outfall basin at the facility.
- Following the May 12 meeting with the NYSDEC, in which Carrier committed to compliance with the 25-year, 24 hour storm water event, Carrier met with NYSDEC representatives to discuss the April 30 comments, and how the work plan would be reevaluated in consideration of the storm water management commitment.

This work plan reflects the meetings and discussions that have occurred over the last several months.

This work plan describes Carrier's approach for continued PCB source investigations at the site, focusing on the areas with the greatest potential of being significant ongoing PCB sources. Because the investigations will occur in several areas of the campus, a work plan has been prepared separately for each, but combined in this single document for ease of reference. The three work plans included are:

- PCB Investigation — Sub-Slab PCB Investigation in Building TR-1
- PCB Investigation — Thompson Road & TR-18 Storm Line Bedding Material Excavations
- PCB Investigation — Transformer Yard Storm Line Excavation at Manhole 116 (sludge area)

A work plan addressing potential volatile organic compound releases from two former degreasers is presented under separate cover in a work plan entitled *Building TR-1 Former Degreaser Investigation* (Carrier, October 2010).





3.0 HEALTH AND SAFETY PLAN

All field activities will be conducted in compliance with the site-specific health and safety plan, to be prepared prior to conducting activities outlined in this work plan. The health and safety plan will be prepared by EnSafe specifically for the activities described herein for the facility.

Appendix A
Concrete Core Grid-Based Sample Locations (Figure), October 2010

Appendix B
Historical Substation Actions in Building TR-1

DPT Soil Sampling Procedures

