

Hazardous Waste Section
File Room Document Transmittal Sheet

Your Name: Mary Siedlecki
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March 22, 2016

Sent via Email

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Mr. Paul Heim
Senior Vice President-Legal
Daikin Applied Americas, Inc.
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RE: DEQ Comments on *Indoor Air Quality Testing Report of Findings*
Former Heatcraft Remediation Site
Wilmington, North Carolina
EPA Id Number: NCD 057 451 270

Mr. Mateikis and Mr. Heim:

The Hazardous Waste Section (Section) has reviewed the *Indoor Air Quality Testing Report of Findings* submitted on behalf of Daikin Applied Americas, Inc., by Mr. Ray Roblin of CORR Environmental Resources, Inc. This report presents the sampling strategy and analytical results for seven indoor air samples and one outdoor air sample.

Analytical results indicate that measured concentrations for trichloroethylene (TCE) exceed inhalation exposure action limits established by the Division of Waste Management (DWM) to protect sensitive populations from short-term exposures that may result in long-term effects. Specifically, TCE was measured at concentrations exceeding the DWM Action Limit of 8.8 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) in three indoor air samples. The Action Limit was exceeded at HC-5 located in the approximate center of the main manufacturing building ($42 \mu\text{g}/\text{m}^3$); at HC-6 located in the former vapor degreasing high bay structure on the west side center side of the building ($22 \mu\text{g}/\text{m}^3$); at HC-7 located on the southwestern side of the building in an area used for loading and storage ($18 \mu\text{g}/\text{m}^3$).

The Section contacted Mr. Steve Thompson on March 21, 2016, owner/manager of Port City Distribution, to discuss the indoor air results and to confirm that TCE-sensitive individuals are not currently working in the affected areas. Mr. Thompson indicated that only one female between the ages of 15-50 was employed at the facility and that she worked mainly in the enclosed office area. Mr. Thompson did indicate that the twenty-six year old female's job duties might require entry into the main manufacturing building.

The Section recommends that confirmatory sampling be conducted immediately to verify the concentrations and distribution of solvent vapors within the building. If concentrations are confirmed, remedial actions are required to reduce exposure levels in the facility.

If you have any questions or comments, please do not hesitate to contact me at 919-707-8208.

Sincerely,



Mary Siedlecki, Project Manager
Department of Environmental Quality
Hazardous Waste Section

ec: Mr. Paul Heim, Daikin Applied Americas, Inc.
Mr. William Mateikis, Daikin Applied Americas, Inc.
Jim Rice, Port City Distribution
Steve Thompson, Port City Distribution
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