



Experience is the solution

314 North Pearl Street ♦ Albany, New York 12207 ♦ (518) 434-4546 ♦ Fax: (518) 434-0891

December 3, 2018

Karen Ward
Hydro-Labs, Inc.
7526 Myers Road
East Syracuse, NY 13057

Via E-Mail: hydrolabs@aol.com

RE: Air Monitoring – Citgo Fuel Terminal, Glenmont, New York
Adirondack Project No. 181030-EA

Dear Ms. Ward:

Adirondack Environmental Services, Inc. (Adirondack) was asked to perform real-time air monitoring for volatile organic compounds (VOC) at the Citgo fuel terminal in Glenmont, New York. The monitoring was to occur during the application of a ground sealant product (Hydro-Labs CPR). The application process was contracted out to Gardenstate Sealing and the work was performed on November 7, 2018. The purpose of monitoring was originally believed to be for employee exposure concerns, however after meeting with the terminal manager (Jim Kennedy) the scope of work was changed slightly to monitoring the work area continually for lower explosion level (LEL) and oxygen (O₂) levels since the sealant application process involved the use of a potential ignition source (gas powered cart). The reason for concern was the close proximity of a potential ignition source to multiple fuel tanks which may pose a potential explosion hazard if a leak was to occur.

Adirondack's Sean Gavaghan and I met with Gardenstate and received a job safety brief with the terminal manager before work commenced. Once the work began I left the site and Sean remained with the crew for the remainder of the day.

A MultiRAE portable five gas (O₂, LEL, H₂S, CO and VOC/PID) meter equipped with a 10.6 eV bulb was used to measure real-time concentrations of concern. Measurements were continuously made within the work area and near the potential ignition source. Winds were relatively calm, skies were clear, and no precipitation occurred during the day. The contractor reported no difficulties with the application process.

All parameters remained in "normal background" levels throughout the monitoring period. A summary of levels found are in the table provided below:

Parameter	Levels Measured
Oxygen	21.2 to 21.3 %
Peak LEL	0%
Peak VOC	0 ppm
Peak H ₂ S	0 ppm
Peak CO	0 ppm



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Adirondack appreciates the opportunity to be of service to Hydro-Labs. If you have any questions regarding this report, please feel free to contact me directly at (518) 434-4546.

Very Truly Yours,

ADIRONDACK ENVIRONMENTAL SERVICES, INC.

A handwritten signature in black ink, appearing to read "C. Steuer", is positioned above the printed name.

Cameron Steuer MS, CIH

Digitally signed by: D.
Cameron Steuer

D. Cameron Steuer, MS, CIH

Manager Industrial Hygiene and Safety Services

Attachments