

# CODY EHLERS GROUP

EHS CONSULTING AND SERVICES

935 WHITE PLAINS ROAD  
TRUMBULL, CONNECTICUT 06611  
PHONE: (203) 259-7722

November 9, 2018

Mr. Bert Brodsky  
Owners Representative  
BSI, LLC  
26 Harbor Park Drive  
Port Washington, New York 11050

RE: Summary Report  
Indoor Air and Sub-Slab Soil Gas Sampling Event  
Former Chez Valet Dry Cleaners  
3 Manorhaven Blvd.  
Port Washington, New York 11050  
NYSDEC Site # 1-30-169

Dear Mr. Brodsky:

Cody Ehlers Group (CEG) has been authorized to conduct the annual Indoor Air Quality (IAQ) and Sub-Slab Soil Gas Sampling event at the former Chez Valet Dry Cleaners, 3 Manorhaven Boulevard, Port Washington, New York. The purpose of the project is to support the formal closure of site remedial actions in accordance with the requirements of the Record of Decision (ROD) prepared for the Site by the New York State Department of Environmental Conservation (NYSDEC).

## ***Background and Purpose***

The former Chez Valet building located in a well-developed commercial section of Port Washington (the Site or Property). The 0.30-acre Property contains a 6500-square foot, one-story building constructed in 1926. The remainder of the Property is covered by an asphalt-paved parking lot. The building is presently subdivided into three spaces and is fully occupied. It was formerly occupied by Chez Valet, which conducted dry cleaning operations from the 1970s until 2006. A nail salon, a kitchen interior remodeling store and a dry cleaner presently occupy the building.

Investigations conducted beginning in 2004 identified tetrachloroethene (PCE) in both soil vapor and groundwater at or near the site. The prior owner of the building, Southampton Masonry Tools, LLC, entered into an Order on Consent

with the NYSDEC on August 15, 2008 to investigate and remediate the PCE. On June 1, 2016, the successor-in-interest to Southampton Masonry Tools, LLC, 1-3 Manorhaven Boulevard, LLC, entered into an Order on Consent with NYSDEC in order to complete the requirements of the ROD. A brief summary of the remedial measures taken since 2008 are presented below.

In February 2009, the Responsible Party began Interim Remedial Measures (IRMs) that included the install and operation of a soil vapor extraction/sub-slab depressurization system (SVE/SSD) within the footprint of the building. The SVE/SSD system was designed to remove the targeted volatile organic compounds (VOCs) identified during the investigative work, in particular tetrachloroethene (PCE) and its breakdown products and impurities.

Studies conducted as required by the 2008 Order on Consent were concluded in 2011. These studies concluded that historical releases of dry cleaning solvents had resulted in the presence of chlorinated solvents beneath the building and within the Chez Valet space. In March 2011, based on the results of the investigations at the site, the NYSDEC issued a ROD for this Site. The NYSDEC proposed a No Further Action remedy with the continued operation of the SVE/SSD system and continued monitoring of groundwater contaminant trends, as well as the implementation of Institutional and Engineering Controls (ICs/ECs). The Department stated that this remedy is protective of human health and the environment and satisfies the remediation objectives of the ROD.

The ROD required that the SVE/SSD system performance be monitored to evaluate its effectiveness in removing the targeted VOCs from the Property. Two evaluation methods were used. First, Severn Trent personnel collected monthly field measurements of the VOC concentrations using a photoionization detector (PID). The measurements were collected from sampling ports of the untreated soil gas collected by the system prior to carbon treatment and from the post-carbon treated emissions.

Severn Trent supplemented the monthly field measurements with annual sampling and analysis of six air samples. Samples were collected from:

- Ambient air outside of the building,
- Sub-slab vapor samples from beneath the concrete floor of the building, and
- Indoor air samples collected within the building.

The sample results were compared to criteria and guidance values set by the New York State Department of Health (NYSDOH) in its *"Guidance for Evaluating Soil and Vapor Intrusion in the State of New York"*, October 2006.

Previous analytical testing has been done beginning in February 2009 through February 2016. CEG was retained to conduct an additional round of air quality testing on March 24, 2017. As far back as early 2012, Severn Trent concluded that the field measurements and the laboratory analytical results showed that the PCE had been remediated to below the 2006 NYEDOH 100 ug/m<sup>3</sup> Standard Criteria and Guidance Value. In May 2017, NYSDOH revised the SCG for PCE downward to 30 ug/m<sup>3</sup> and also revised the SCG for trichloroethylene (TCE) downward from 5 to 2 ug/m<sup>3</sup>.

### *Scope of Work*

The scope of work is based upon the March 2017 proposed sampling scope, which was agreed to by Brian Jankauskas, the NYSDEC case manager. The NYSDEC has previously approved a Site Management Plan (SMP), which is available for review, as necessary. The assignment has been performed in accordance with the SMP.

The scope of work included the collection of six air quality samples as follows:

- Outdoor/ Ambient Air Sample collected from a location outside (west of) the Chez Valet facility.
- Sampling Point VP-4 - soil gas from beneath the floor of the hair styling salon.
- Sampling Point VP-3 - soil gas from beneath the floor of the former dry cleaner shop.
- Indoor Air Sample IA-4 - indoor air within the hair styling salon.
- Indoor Air Sample IA-4 duplicate, and
- Indoor Air Sample IA-3 - indoor air within the former dry cleaner shop.

The locations of the six samples are depicted on the attached Figure 1.

The SVE/SSD system was shut down on December 27, 2017. Kyle Kreter, CEG field scientist, collected the samples on February 12, 2018. The six samples were collected using laboratory-provided, individually certified Summa canisters. Sample collection, handling and preservation protocols followed the NYSDEC and NYS Department of Health protocols as outlined in the SMP. The samples were delivered to Phoenix Environmental Laboratories, Inc., Manchester, Connecticut 06045. Phoenix is a NYSDEC- approved laboratory (#11301).

Each sample was analyzed for TO-15 volatile organic compounds (VOCs) by Phoenix. The analytical results are summarized on the attached Table 1.

The system has not yet been reactivated following the completion of the sampling event.

***Summary of Analytical Results***

A copy of the Phoenix Environmental analytical data package is attached to this letter report. As required by NYSDEC, a third-party data validation firm validated the analytical results. New Environmental Horizons, Inc., Skillman, New Jersey, prepared the Data Usability Summary Report (DUSR), which validated the analytical results. New Environmental Horizons, Inc. determined that there were no deficiencies in the data that would require affect the usability of the analytical result(s). The DUSR will be delivered to the NYSDEC using the current NYSDEC-required digital deliverables format.

- The attached table provides the VOC results for compounds detected above their respective reporting levels (RLs). Among the detected VOCs are chlorinated VOCs, which could be considered to be impurities or breakdown products of PCE. The revised NYSDOH SCGs published in May 2017 for PCE and TCE are included in the table. The results for 1,4-dioxane are included in the table even though there were no detections of this compound. Note that NYSDEC sampled for 1,4-dioxane in a nearby monitoring well on May 17, 2018. No 1,4-dioxane was present in the well.
- One or more VOCs that could be attributed to petroleum-related releases are present in the ambient air sample, and both indoor air and sub-slab soil gas samples. Additionally, compounds used in aerosol cans as propellants are present in several samples. (one of these VOCs is carbon tetrachloride (CT), present in all six samples at  $<0.090 \text{ ug/m}^3$ ). The Agency for Toxic Substances and Disease Registry (ATSDR) states that CT concentrations in air of  $0.1 \text{ ug/m}^3$  are common around the world, with somewhat higher levels often found (0.2-0.6 ppb) in cities. CT was present at similar concentrations in the air samples collected in May 2017.
- A number of VOCs considered to be likely laboratory-introduced contaminants are also present in one or more samples. The ROD only identifies PCE and its possible breakdown products or impurities as contaminants of concern at this Site.
- PCE was detected in the ambient air sample outside of the building and both indoor air and sub-slab soil gas samples. Detected values ranged between 0.56 and  $30.4 \text{ ug/m}^3$ . These values are slightly higher than the PCE detected during the March 2017 sampling event when the values

ranged between 0.25 and 23.4 ug/m<sup>3</sup>. One sub-slab soil gas sample (VP-3) produced the 30.4 ug/ m<sup>3</sup>, which is slightly greater than the SQG of 30. ug/ m<sup>3</sup>. The second sub-slab soil gas sample (VP-4) produced a 25 ug/ m<sup>3</sup> detection. The two indoor air quality samples ranges between 0.69 and 5.82 ug/ m<sup>3</sup>. The data supports the previous data which has consistently produced PCE values well under the SCG inside the building.

- TCE, which is sometimes present as an impurity in industrial grade PCE, and also can be present in office supply products such as white out correction liquid, was present in one soil gas sample (VP-3) and in one indoor air sample (IA-3) at 21.3 ug/m<sup>3</sup> and 42.8 ug/m<sup>3</sup>, respectively. Both samples exceed the May 2017 SCG for TCE, which is 2 ug/m<sup>3</sup>. No other sample produced a TCE detection. The TCE concentration in the indoor air sample at twice that of the sub-slab soil gas sample suggests that the current hair salon operations have contributed to the TCE present within the indoor air.

The next sampling event is tentatively scheduled for early December.

Following your review of this summary report, Andy Ledins will forward it along with the DUSR and the Phoenix Environmental Laboratories, Inc. data package to the NYSDEC.

Please do not hesitate to contact Andy Ledins or me with any questions.

Very truly yours,

A handwritten signature in blue ink that reads "Michael Cody". The signature is stylized with a large, looped "C" at the end.

Michael Cody  
Project Director

Attachments

CC: A. Ledins

Figure



# Table



Indoor Air Quality Analytical Results  
Former Chez Valet Cleaners  
1-3 Manorhaven Blvd.  
Port Washington, NY  
Table 1

| Phoenix Environmental Laboratories, Inc.<br>587 East Middle Turnpike<br>P.O. Box 370<br>Manchester, CT 06040<br>(860) 645-1102 |             |    |       | Lab Sample Id<br>Collection Date<br>Client Id<br>Matrix |      |       |      | B287625<br>2/9/18<br>IA-4 DUP<br>Indoor Air |      |      |      | B287626<br>2/9/18<br>IA-4<br>Indoor Air |      |      |      | B287627<br>2/9/18<br>VP-3<br>Sub-Slab Soil Gas |      |      |      | B287628<br>2/9/18<br>IA-3<br>Indoor Air |      |      |      | B287629<br>2/9/18<br>VP-4<br>Sub-Slab Soil Gas |      |      |      | B287630<br>2/9/18<br>AMBIENT AIR OUTSIDE<br>Background Outdoor Air |      |      |      |
|--------------------------------------------------------------------------------------------------------------------------------|-------------|----|-------|---------------------------------------------------------|------|-------|------|---------------------------------------------|------|------|------|-----------------------------------------|------|------|------|------------------------------------------------|------|------|------|-----------------------------------------|------|------|------|------------------------------------------------|------|------|------|--------------------------------------------------------------------|------|------|------|
| Project Id : CHEZ VALET                                                                                                        |             |    |       | CAS                                                     | SCG  | Units |      | Result                                      | RL   | Qual | MDL  | Result                                  | RL   | Qual | MDL  | Result                                         | RL   | Qual | MDL  | Result                                  | RL   | Qual | MDL  | Result                                         | RL   | Qual | MDL  | Result                                                             | RL   | Qual | MDL  |
| Volatiles (T015) By T015                                                                                                       |             |    |       |                                                         |      |       |      |                                             |      |      |      |                                         |      |      |      |                                                |      |      |      |                                         |      |      |      |                                                |      |      |      |                                                                    |      |      |      |
| 1,4-Dioxane                                                                                                                    | 123-91-1    |    | ug/m3 | <1.00                                                   | 1.00 | U     | 1.00 | <1.00                                       | 1.00 | U    | 1.00 | <1.00                                   | 1.00 | U    | 1.00 | <1.00                                          | 1.00 | U    | 1.00 | <1.00                                   | 1.00 | U    | 1.00 | <1.00                                          | 1.00 | U    | 1.00 | <1.00                                                              | 1.00 | U    | 1.00 |
| Carbon Tetrachloride                                                                                                           | 56-23-5     |    | ug/m3 | 0.87                                                    | 0.20 |       | 0.20 | 0.8                                         | 0.20 |      | 0.20 | 0.78                                    | 0.20 |      | 0.20 | 0.69                                           | 0.20 |      | 0.20 | 0.69                                    | 0.20 |      | 0.20 | 0.69                                           | 0.20 |      | 0.20 | 0.53                                                               | 0.20 |      | 0.20 |
| Chloromethane                                                                                                                  | 7447-3      |    | ug/m3 | 1.7                                                     | 1.00 |       | 1.00 | 2.01                                        | 1.00 |      | 1.00 | <1.00                                   | 1.00 |      | 1.00 | 3.57                                           | 1.00 |      | 1.00 | <1.00                                   | 1.00 |      | 1.00 | <1.00                                          | 1.00 |      | 1.00 | <1.00                                                              | 1.00 |      | 1.00 |
| Dichlorodifluoromethane                                                                                                        | 75-71-8     |    | ug/m3 | 1.94                                                    | 1.00 |       | 1.00 | 2.68                                        | 1.00 |      | 1.00 | 3.36                                    | 1.00 |      | 1.00 | 2.77                                           | 1.00 |      | 1.00 | 3.96                                    | 1.00 |      | 1.00 | <1.00                                          | 1.00 |      | 1.00 | <1.00                                                              | 1.00 |      | 1.00 |
| Ethyl acetate                                                                                                                  | 141-78-6    |    | ug/m3 | 3.48                                                    | 1.00 |       | 1.00 | 4.9                                         | 1.00 |      | 1.00 | 3.13                                    | 1.00 |      | 1.00 | <1.00                                          | 1.00 |      | 1.00 | 1.44                                    | 1.00 |      | 1.00 | <1.00                                          | 1.00 |      | 1.00 | <1.00                                                              | 1.00 |      | 1.00 |
| Styrene                                                                                                                        | 100-42-5    |    | ug/m3 | <1.00                                                   | 1.00 | U     | 1.00 | <1.00                                       | 1.00 | U    | 1.00 | 5.02                                    | 1.00 |      | 1.00 | <1.00                                          | 1.00 | U    | 1.00 | 5.11                                    | 1.00 |      | 1.00 | <1.00                                          | 1.00 |      | 1.00 | <1.00                                                              | 1.00 | U    | 1.00 |
| Tetrachloroethene                                                                                                              | 127-18-4    | 30 | ug/m3 | 0.56                                                    | 0.25 |       | 0.25 | 0.69                                        | 0.25 |      | 0.25 | 30.4                                    | 0.25 |      | 0.25 | 5.82                                           | 0.25 |      | 0.25 | 25                                      | 0.25 |      | 0.25 | 0.43                                           | 0.25 |      | 0.25 | 0.43                                                               | 0.25 |      | 0.25 |
| Tetrahydrofuran                                                                                                                | 109-99-9    |    | ug/m3 | <1.00                                                   | 1.00 |       | 1.00 | <1.00                                       | 1.00 |      | 1.00 | 1.19                                    | 1.00 |      | 1.00 | <1.00                                          | 1.00 |      | 1.00 | <1.00                                   | 1.00 |      | 1.00 | <1.00                                          | 1.00 |      | 1.00 | <1.00                                                              | 1.00 |      | 1.00 |
| Trichloroethene                                                                                                                | 79-01-6     | 2  | ug/m3 | <0.20                                                   | 0.20 | U     | 0.20 | <0.20                                       | 0.20 | U    | 0.20 | 21.3                                    | 0.20 |      | 0.20 | 62.8                                           | 0.20 |      | 0.20 | <0.20                                   | 0.20 | U    | 0.20 | <0.20                                          | 0.20 | U    | 0.20 | <0.20                                                              | 0.20 | U    | 0.20 |
| Trichlorofluoromethane                                                                                                         | 75-69-4     |    | ug/m3 | 1.58                                                    | 1.00 |       | 1.00 | 1.82                                        | 1.00 |      | 1.00 | 2.44                                    | 1.00 |      | 1.00 | 1.73                                           | 1.00 |      | 1.00 | 1.91                                    | 1.00 |      | 1.00 | 1.77                                           | 1.00 |      | 1.00 | 1.77                                                               | 1.00 |      | 1.00 |
| 2-Hexanone(MBK)                                                                                                                | 591-78-6    |    | ug/m3 | <1.00                                                   | 1.00 | U     | 1.00 | <1.00                                       | 1.00 | U    | 1.00 | 4.03                                    | 1.00 |      | 1.00 | <1.00                                          | 1.00 | U    | 1.00 | 2.34                                    | 1.00 |      | 1.00 | <1.00                                          | 1.00 | U    | 1.00 | <1.00                                                              | 1.00 | U    | 1.00 |
| 4-Methyl-2-pentanone(MIBK)                                                                                                     | 108-10-1    |    | ug/m3 | <1.00                                                   | 1.00 | U     | 1.00 | <1.00                                       | 1.00 | U    | 1.00 | 4.46                                    | 1.00 |      | 1.00 | <1.00                                          | 1.00 | U    | 1.00 | 2.8                                     | 1.00 |      | 1.00 | <1.00                                          | 1.00 | U    | 1.00 | <1.00                                                              | 1.00 | U    | 1.00 |
| Acetone                                                                                                                        | 67-64-1     |    | ug/m3 | 546                                                     | 9.99 | D     | 9.99 | 627                                         | 9.99 | D    | 9.99 | 182                                     | 5.01 | D    | 5.01 | 33.7                                           | 1.00 |      | 1.00 | 169                                     | 5.01 | D    | 5.01 | 8.69                                           | 1.00 | S    | 1.00 | 8.69                                                               | 1.00 | S    | 1.00 |
| Hexane                                                                                                                         | 110-54-3    |    | ug/m3 | 1.17                                                    | 1.00 | S     | 1.00 | 1.35                                        | 1.00 | S    | 1.00 | 1.57                                    | 1.00 | S    | 1.00 | 1.64                                           | 1.00 |      | 1.00 | <1.00                                   | 1.00 | U    | 1.00 | 1.35                                           | 1.00 | S    | 1.00 | 1.35                                                               | 1.00 | S    | 1.00 |
| Isopropylalcohol                                                                                                               | 67-63-0     |    | ug/m3 | 744                                                     | 10.0 | D     | 10.0 | 840                                         | 10.0 | D    | 10.0 | 102                                     | 5.01 | D    | 5.01 | 21                                             | 1.00 |      | 1.00 | 57.7                                    | 1.00 |      | 1.00 | <1.00                                          | 1.00 | U    | 1.00 | <1.00                                                              | 1.00 | U    | 1.00 |
| Methyl Ethyl Ketone                                                                                                            | 78-93-3     |    | ug/m3 | 1.27                                                    | 1.00 |       | 1.00 | 1.77                                        | 1.00 |      | 1.00 | 12.4                                    | 1.00 |      | 1.00 | 1.73                                           | 1.00 |      | 1.00 | 10.6                                    | 1.00 |      | 1.00 | 1.01                                           | 1.00 |      | 1.00 | 1.01                                                               | 1.00 |      | 1.00 |
| 1,2,4-Trimethylbenzene                                                                                                         | 95-63-6     |    | ug/m3 | <1.00                                                   | 1.00 | U     | 1.00 | <1.00                                       | 1.00 | U    | 1.00 | 21.6                                    | 1.00 |      | 1.00 | 3.67                                           | 1.00 |      | 1.00 | 2.65                                    | 1.00 |      | 1.00 | <1.00                                          | 1.00 | U    | 1.00 | <1.00                                                              | 1.00 | U    | 1.00 |
| 1,3,5-Trimethylbenzene                                                                                                         | 108-67-8    |    | ug/m3 | <1.00                                                   | 1.00 | U     | 1.00 | <1.00                                       | 1.00 | U    | 1.00 | 2.23                                    | 1.00 |      | 1.00 | 1.37                                           | 1.00 |      | 1.00 | <1.00                                   | 1.00 | U    | 1.00 | <1.00                                          | 1.00 | U    | 1.00 | <1.00                                                              | 1.00 | U    | 1.00 |
| 1,3-Butadiene                                                                                                                  | 106-99-0    |    | ug/m3 | <1.00                                                   | 1.00 | U     | 1.00 | <1.00                                       | 1.00 | U    | 1.00 | <1.00                                   | 1.00 | U    | 1.00 | <1.00                                          | 1.00 | U    | 1.00 | <1.00                                   | 1.00 | U    | 1.00 | <1.00                                          | 1.00 | U    | 1.00 | <1.00                                                              | 1.00 | U    | 1.00 |
| 1,3-Dichlorobenzene                                                                                                            | 541-73-1    |    | ug/m3 | <1.00                                                   | 1.00 | U     | 1.00 | <1.00                                       | 1.00 | U    | 1.00 | 7.63                                    | 1.00 |      | 1.00 | <1.00                                          | 1.00 | U    | 1.00 | 6.31                                    | 1.00 |      | 1.00 | <1.00                                          | 1.00 | U    | 1.00 | <1.00                                                              | 1.00 | U    | 1.00 |
| 1,4-Dichlorobenzene                                                                                                            | 106-46-7    |    | ug/m3 | <1.00                                                   | 1.00 | U     | 1.00 | <1.00                                       | 1.00 | U    | 1.00 | <1.00                                   | 1.00 | U    | 1.00 | 1.19                                           | 1.00 |      | 1.00 | <1.00                                   | 1.00 | U    | 1.00 | <1.00                                          | 1.00 | U    | 1.00 | <1.00                                                              | 1.00 | U    | 1.00 |
| 4-Ethyltoluene                                                                                                                 | 622-96-8    |    | ug/m3 | <1.00                                                   | 1.00 | U     | 1.00 | <1.00                                       | 1.00 | U    | 1.00 | 1.44                                    | 1.00 |      | 1.00 | <1.00                                          | 1.00 | U    | 1.00 | <1.00                                   | 1.00 | U    | 1.00 | <1.00                                          | 1.00 | U    | 1.00 | <1.00                                                              | 1.00 | U    | 1.00 |
| Benzene                                                                                                                        | 71-43-2     |    | ug/m3 | 2.12                                                    | 1.00 |       | 1.00 | 2.25                                        | 1.00 |      | 1.00 | 1.45                                    | 1.00 |      | 1.00 | 1.63                                           | 1.00 |      | 1.00 | 4.66                                    | 1.00 |      | 1.00 | 2.41                                           | 1.00 |      | 1.00 | 2.41                                                               | 1.00 |      | 1.00 |
| Ethanol                                                                                                                        | 64-17-5     |    | ug/m3 | 23,800                                                  | 10.0 | ED    | 10.0 | 26,600                                      | 10.0 | ED   | 10.0 | 1,410                                   | 5.01 | ED   | 5.01 | 282                                            | 1.00 | E    | 1.00 | 3,340                                   | 5.01 | ED   | 5.01 | 23.7                                           | 1.00 |      | 1.00 | 23.7                                                               | 1.00 |      | 1.00 |
| Ethylbenzene                                                                                                                   | 100-41-4    |    | ug/m3 | <1.00                                                   | 1.00 | U     | 1.00 | <1.00                                       | 1.00 | U    | 1.00 | 3.47                                    | 1.00 |      | 1.00 | <1.00                                          | 1.00 | U    | 1.00 | 2.73                                    | 1.00 |      | 1.00 | <1.00                                          | 1.00 | U    | 1.00 | <1.00                                                              | 1.00 | U    | 1.00 |
| Heptane                                                                                                                        | 142-82-5    |    | ug/m3 | 1.53                                                    | 1.00 |       | 1.00 | <1.00                                       | 1.00 | U    | 1.00 | 2.56                                    | 1.00 |      | 1.00 | 1.06                                           | 1.00 |      | 1.00 | 1.33                                    | 1.00 |      | 1.00 | <1.00                                          | 1.00 | U    | 1.00 | <1.00                                                              | 1.00 | U    | 1.00 |
| m,p-Xylene                                                                                                                     | 179601-23-1 |    | ug/m3 | 1.48                                                    | 1.00 |       | 1.00 | 1.67                                        | 1.00 |      | 1.00 | 12                                      | 1.00 |      | 1.00 | 2.18                                           | 1.00 |      | 1.00 | 9.81                                    | 1.00 |      | 1.00 | 1.65                                           | 1.00 |      | 1.00 | 1.65                                                               | 1.00 |      | 1.00 |
| n-Butylbenzene                                                                                                                 | 104-51-8    |    | ug/m3 | <1.00                                                   | 1.00 | U     | 1.00 | <1.00                                       | 1.00 | U    | 1.00 | 1.05                                    | 1.00 |      | 1.00 | <1.00                                          | 1.00 | U    | 1.00 | <1.00                                   | 1.00 | U    | 1.00 | <1.00                                          | 1.00 | U    | 1.00 | <1.00                                                              | 1.00 | U    | 1.00 |
| o-Xylene                                                                                                                       | 95-47-6     |    | ug/m3 | <1.00                                                   | 1.00 | U     | 1.00 | <1.00                                       | 1.00 | U    | 1.00 | 4.29                                    | 1.00 |      | 1.00 | <1.00                                          | 1.00 | U    | 1.00 | 3.09                                    | 1.00 |      | 1.00 | <1.00                                          | 1.00 | U    | 1.00 | <1.00                                                              | 1.00 | U    | 1.00 |
| Toluene                                                                                                                        | 108-88-3    |    | ug/m3 | 3.04                                                    | 1.00 |       | 1.00 | 3.6                                         | 1.00 |      | 1.00 | 15.8                                    | 1.00 |      | 1.00 | 4.11                                           | 1.00 |      | 1.00 | 10.3                                    | 1.00 |      | 1.00 | 2.95                                           | 1.00 |      | 1.00 | 2.95                                                               | 1.00 |      | 1.00 |

Qualifiers

|   |                                                                                                                                                                                                                                           |      |                                                                                                                                                    |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| U | The compound was analyzed for but not detected at or above the MDL.<br>The number immediately preceding the "U" represents the PQL reporting level corrected for percent solids, weight and/or volume calculations, and dilution factors. | 0.69 | Compound detected at indicated result<br>Only detected compounds listed with the exception of 1,4-dioxane, which was not detected at or above MDL. |
| J | The value is estimated.<br>The compound is reported above the MDL, but below the PQL.                                                                                                                                                     | 21.3 | Detected value > NYSDOH SQG                                                                                                                        |
| N | The concentration is based on the response for the nearest internal. This flag is used on the TIC form for all compounds identified.                                                                                                      | SQG  | Standard Criteria and Guidance Value - NYSDOH "Guidance for Evaluating Soil and Vapor Intrusion in the State of New York", May 2017 Revision       |
| D | The reported concentration is the result of a diluted analysis.                                                                                                                                                                           |      |                                                                                                                                                    |

# Laboratory Data Package



Monday, March 19, 2018

Attn: Mr. Michael Cody  
Cody Ehlers Group  
935 White Plains Road  
Trumbull, CT 06611

Project ID: CHAZ VALET  
Sample ID#s: BZ87625 - BZ87630

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis Shiller

Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #M-CT007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
UT Lab Registration #CT00007  
VT Lab Registration #VT11301



**Environmental Laboratories, Inc.**  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



**NY ANALYTICAL SERVICES PROTOCOL  
DATA PACKAGE**

**Client: Cody Ehlers Group**  
**Project: CHAZ VALET**  
**Laboratory Project: GBZ87625**



**Environmental Laboratories, Inc.**  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040  
Tel. (860) 645-1102 Fax (860) 645-0823



# NY Analytical Services Protocol Format

March 19, 2018

SDG I.D.: GBZ87625

Cody Ehlers Group CHAZ VALET

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## Methodology Summary

### Volatiles in Air

Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air: Method TO-15, Second Edition, U. S. Environmental Protection Agency, January 1999.

## Sample Id Cross Reference

| Client Id           | Lab Id  | Matrix |
|---------------------|---------|--------|
| IA-4 DUP            | BZ87625 | AIR    |
| IA-4                | BZ87626 | AIR    |
| VP-3                | BZ87627 | AIR    |
| IA-3                | BZ87628 | AIR    |
| VP-4                | BZ87629 | AIR    |
| AMBIENT AIR OUTSIDE | BZ87630 | AIR    |



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## NY Analytical Services Protocol Format

March 19, 2018

SDG I.D.: GBZ87625

Cody Ehlers Group CHAZ VALET

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### Laboratory Chronicle

| Sample  | Analysis         | Collection Date | Prep Date | Analysis Date | Analyst | Hold Time Met |
|---------|------------------|-----------------|-----------|---------------|---------|---------------|
| BZ87625 | Volatiles (TO15) | 02/09/18        | 02/12/18  | 02/12/18      | KCA     | Y             |
| BZ87626 | Volatiles (TO15) | 02/09/18        | 02/12/18  | 02/12/18      | KCA     | Y             |
| BZ87627 | Volatiles (TO15) | 02/09/18        | 02/13/18  | 02/13/18      | KCA     | Y             |
| BZ87628 | Volatiles (TO15) | 02/09/18        | 02/12/18  | 02/12/18      | KCA     | Y             |
| BZ87629 | Volatiles (TO15) | 02/09/18        | 02/13/18  | 02/13/18      | KCA     | Y             |
| BZ87630 | Volatiles (TO15) | 02/09/18        | 02/12/18  | 02/12/18      | KCA     | Y             |



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## Analysis Report

March 19, 2018

FOR: Attn: Mr. Michael Cody  
Cody Ehlers Group  
935 White Plains Road  
Trumbull, CT 06611

### Sample Information

Matrix: AIR  
Location Code: CEG  
Rush Request: Standard  
P.O.#:  
Canister Id: 13650

### Custody Information

Collected by: KK  
Received by: LB  
Analyzed by: see "By" below

### Date

02/09/18 14:15  
02/12/18 14:17

### Time

Project ID: CHAZ VALET  
Client ID: IA-4 DUP

### Laboratory Data

SDG ID: GBZ87625  
Phoenix ID: BZ87625

| Parameter                      | ppbv<br>Result | ppbv<br>RL | LOD/<br>MDL | ug/m3<br>Result | ug/m3<br>RL | LOD/<br>MDL | Date/Time | By  | Dilution |
|--------------------------------|----------------|------------|-------------|-----------------|-------------|-------------|-----------|-----|----------|
| <b><u>Volatiles (TO15)</u></b> |                |            |             |                 |             |             |           |     |          |
| 1,1,1,2-Tetrachloroethane      | ND             | 0.146      | 0.146       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,1,1-Trichloroethane          | ND             | 0.183      | 0.183       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,1,2,2-Tetrachloroethane      | ND             | 0.146      | 0.146       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,1,2-Trichloroethane          | ND             | 0.183      | 0.183       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,1-Dichloroethane             | ND             | 0.247      | 0.247       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,1-Dichloroethene             | ND             | 0.051      | 0.051       | ND              | 0.20        | 0.20        | 02/12/18  | KCA | 1        |
| 1,2,4-Trichlorobenzene         | ND             | 0.135      | 0.135       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,2,4-Trimethylbenzene         | ND             | 0.204      | 0.204       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,2-Dibromoethane(EDB)         | ND             | 0.130      | 0.130       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,2-Dichlorobenzene            | ND             | 0.166      | 0.166       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,2-Dichloroethane             | ND             | 0.247      | 0.247       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,2-dichloropropane            | ND             | 0.217      | 0.217       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,2-Dichlorotetrafluoroethane  | ND             | 0.143      | 0.143       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,3,5-Trimethylbenzene         | ND             | 0.204      | 0.204       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,3-Butadiene                  | ND             | 0.452      | 0.452       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,3-Dichlorobenzene            | ND             | 0.166      | 0.166       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,4-Dichlorobenzene            | ND             | 0.166      | 0.166       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,4-Dioxane                    | ND             | 0.278      | 0.278       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 2-Hexanone(MBK)                | ND             | 0.244      | 0.244       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 4-Ethyltoluene                 | ND             | 0.204      | 0.204       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 4-Isopropyltoluene             | ND             | 0.182      | 0.182       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 4-Methyl-2-pentanone(MIBK)     | ND             | 0.244      | 0.244       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Acetone                        | 230            | D 4.21     | 4.21        | 546             | 10.0        | 10.0        | 02/12/18  | KCA | 10       |
| Acrylonitrile                  | ND             | 0.461      | 0.461       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Benzene                        | 0.665          | 0.313      | 0.313       | 2.12            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Benzyl chloride                | ND             | 0.193      | 0.193       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |

| Parameter                      | ppbv<br>Result | ppbv<br>RL | LOD/<br>MDL | ug/m3<br>Result | ug/m3<br>RL | LOD/<br>MDL | Date/Time | By  | Dilution |
|--------------------------------|----------------|------------|-------------|-----------------|-------------|-------------|-----------|-----|----------|
| Bromodichloromethane           | ND             | 0.149      | 0.149       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Bromoform                      | ND             | 0.097      | 0.097       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Bromomethane                   | ND             | 0.258      | 0.258       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Carbon Disulfide               | ND             | 0.321      | 0.321       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Carbon Tetrachloride           | 0.139          | 0.032      | 0.032       | 0.87            | 0.20        | 0.20        | 02/12/18  | KCA | 1        |
| Chlorobenzene                  | ND             | 0.217      | 0.217       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Chloroethane                   | ND             | 0.379      | 0.379       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Chloroform                     | ND             | 0.205      | 0.205       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Chloromethane                  | 0.825          | 0.485      | 0.485       | 1.70            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Cis-1,2-Dichloroethene         | ND             | 0.051      | 0.051       | ND              | 0.20        | 0.20        | 02/12/18  | KCA | 1        |
| cis-1,3-Dichloropropene        | ND             | 0.221      | 0.221       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Cyclohexane                    | ND             | 0.291      | 0.291       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Dibromochloromethane           | ND             | 0.118      | 0.118       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Dichlorodifluoromethane        | 0.393          | 0.202      | 0.202       | 1.94            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Ethanol                        | 11600          | ED 5.31    | 5.31        | 21800           | 10.0        | 10.0        | 02/12/18  | KCA | 10       |
| Ethyl acetate                  | 0.967          | 0.278      | 0.278       | 3.48            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Ethylbenzene                   | ND             | 0.230      | 0.230       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Heptane                        | 0.374          | 0.244      | 0.244       | 1.53            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Hexachlorobutadiene            | ND             | 0.094      | 0.094       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Hexane                         | 0.331          | S 0.284    | 0.284       | 1.17            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Isopropylalcohol               | 303            | D 4.07     | 4.07        | 744             | 10.0        | 10.0        | 02/12/18  | KCA | 10       |
| Isopropylbenzene               | ND             | 0.204      | 0.204       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| m,p-Xylene                     | 0.341          | 0.230      | 0.230       | 1.48            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Methyl Ethyl Ketone            | 0.432          | 0.339      | 0.339       | 1.27            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Methyl tert-butyl ether(MTBE)  | ND             | 0.278      | 0.278       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Methylene Chloride             | ND             | 0.864      | 0.864       | ND              | 3.00        | 3.00        | 02/12/18  | KCA | 1        |
| n-Butylbenzene                 | ND             | 0.182      | 0.182       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| o-Xylene                       | ND             | 0.230      | 0.230       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Propylene                      | ND             | 0.581      | 0.581       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| sec-Butylbenzene               | ND             | 0.182      | 0.182       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Styrene                        | ND             | 0.235      | 0.235       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Tetrachloroethene              | 0.083          | 0.037      | 0.037       | 0.56            | 0.25        | 0.25        | 02/12/18  | KCA | 1        |
| Tetrahydrofuran                | ND             | 0.339      | 0.339       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Toluene                        | 0.808          | 0.266      | 0.266       | 3.04            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Trans-1,2-Dichloroethene       | ND             | 0.252      | 0.252       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| trans-1,3-Dichloropropene      | ND             | 0.221      | 0.221       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Trichloroethene                | ND             | 0.037      | 0.037       | ND              | 0.20        | 0.20        | 02/12/18  | KCA | 1        |
| Trichlorofluoromethane         | 0.281          | 0.178      | 0.178       | 1.58            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Trichlorotrifluoroethane       | ND             | 0.131      | 0.131       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Vinyl Chloride                 | ND             | 0.078      | 0.078       | ND              | 0.20        | 0.20        | 02/12/18  | KCA | 1        |
| <b><u>QA/QC Surrogates</u></b> |                |            |             |                 |             |             |           |     |          |
| % Bromofluorobenzene           | 111            | %          | %           | 111             | %           | %           | 02/12/18  | KCA | 1        |



| Parameter | ppbv<br>Result | ppbv<br>RL | LOD/<br>MDL | ug/m3<br>Result | ug/m3<br>RL | LOD/<br>MDL | Date/Time | By | Dilution |
|-----------|----------------|------------|-------------|-----------------|-------------|-------------|-----------|----|----------|
|-----------|----------------|------------|-------------|-----------------|-------------|-------------|-----------|----|----------|

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

### **Comments:**

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services.

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Phyllis Shiller, Laboratory Director

March 19, 2018

Reviewed and Released by: Jon Carlson, Project Manager



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Tel. (860) 645-1102 Fax (860) 645-0823



## Analysis Report

March 19, 2018

FOR: Attn: Mr. Michael Cody  
Cody Ehlers Group  
935 White Plains Road  
Trumbull, CT 06611

### Sample Information

Matrix: AIR  
Location Code: CEG  
Rush Request: Standard  
P.O.#:  
Canister Id: 479

### Custody Information

Collected by: KK  
Received by: LB  
Analyzed by: see "By" below

### Date

02/09/18 14:15  
02/12/18 14:17

### Time

Project ID: CHAZ VALET  
Client ID: IA-4

### Laboratory Data

SDG ID: GBZ87625  
Phoenix ID: BZ87626

| Parameter                      | ppbv<br>Result | ppbv<br>RL | LOD/<br>MDL | ug/m3<br>Result | ug/m3<br>RL | LOD/<br>MDL | Date/Time | By  | Dilution |
|--------------------------------|----------------|------------|-------------|-----------------|-------------|-------------|-----------|-----|----------|
| <b><u>Volatiles (TO15)</u></b> |                |            |             |                 |             |             |           |     |          |
| 1,1,1,2-Tetrachloroethane      | ND             | 0.146      | 0.146       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,1,1-Trichloroethane          | ND             | 0.183      | 0.183       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,1,2,2-Tetrachloroethane      | ND             | 0.146      | 0.146       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,1,2-Trichloroethane          | ND             | 0.183      | 0.183       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,1-Dichloroethane             | ND             | 0.247      | 0.247       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,1-Dichloroethene             | ND             | 0.051      | 0.051       | ND              | 0.20        | 0.20        | 02/12/18  | KCA | 1        |
| 1,2,4-Trichlorobenzene         | ND             | 0.135      | 0.135       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,2,4-Trimethylbenzene         | ND             | 0.204      | 0.204       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,2-Dibromoethane(EDB)         | ND             | 0.130      | 0.130       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,2-Dichlorobenzene            | ND             | 0.166      | 0.166       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,2-Dichloroethane             | ND             | 0.247      | 0.247       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,2-dichloropropane            | ND             | 0.217      | 0.217       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,2-Dichlorotetrafluoroethane  | ND             | 0.143      | 0.143       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,3,5-Trimethylbenzene         | ND             | 0.204      | 0.204       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,3-Butadiene                  | ND             | 0.452      | 0.452       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,3-Dichlorobenzene            | ND             | 0.166      | 0.166       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,4-Dichlorobenzene            | ND             | 0.166      | 0.166       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,4-Dioxane                    | ND             | 0.278      | 0.278       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 2-Hexanone(MBK)                | ND             | 0.244      | 0.244       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 4-Ethyltoluene                 | ND             | 0.204      | 0.204       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 4-Isopropyltoluene             | ND             | 0.182      | 0.182       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 4-Methyl-2-pentanone(MIBK)     | ND             | 0.244      | 0.244       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Acetone                        | 264            | D 4.21     | 4.21        | 627             | 10.0        | 10.0        | 02/12/18  | KCA | 10       |
| Acrylonitrile                  | ND             | 0.461      | 0.461       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Benzene                        | 0.705          | 0.313      | 0.313       | 2.25            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Benzyl chloride                | ND             | 0.193      | 0.193       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |

| Parameter                      | ppbv<br>Result | ppbv<br>RL | LOD/<br>MDL | ug/m3<br>Result | ug/m3<br>RL | LOD/<br>MDL | Date/Time | By  | Dilution |
|--------------------------------|----------------|------------|-------------|-----------------|-------------|-------------|-----------|-----|----------|
| Bromodichloromethane           | ND             | 0.149      | 0.149       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Bromoform                      | ND             | 0.097      | 0.097       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Bromomethane                   | ND             | 0.258      | 0.258       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Carbon Disulfide               | ND             | 0.321      | 0.321       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Carbon Tetrachloride           | 0.128          | 0.032      | 0.032       | 0.80            | 0.20        | 0.20        | 02/12/18  | KCA | 1        |
| Chlorobenzene                  | ND             | 0.217      | 0.217       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Chloroethane                   | ND             | 0.379      | 0.379       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Chloroform                     | ND             | 0.205      | 0.205       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Chloromethane                  | 0.972          | 0.485      | 0.485       | 2.01            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Cis-1,2-Dichloroethene         | ND             | 0.051      | 0.051       | ND              | 0.20        | 0.20        | 02/12/18  | KCA | 1        |
| cis-1,3-Dichloropropene        | ND             | 0.221      | 0.221       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Cyclohexane                    | ND             | 0.291      | 0.291       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Dibromochloromethane           | ND             | 0.118      | 0.118       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Dichlorodifluoromethane        | 0.543          | 0.202      | 0.202       | 2.68            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Ethanol                        | 14100          | ED 5.31    | 5.31        | 26600           | 10.0        | 10.0        | 02/12/18  | KCA | 10       |
| Ethyl acetate                  | 1.36           | 0.278      | 0.278       | 4.90            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Ethylbenzene                   | ND             | 0.230      | 0.230       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Heptane                        | ND             | 0.244      | 0.244       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Hexachlorobutadiene            | ND             | 0.094      | 0.094       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Hexane                         | 0.383          | S 0.284    | 0.284       | 1.35            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Isopropylalcohol               | 342            | D 4.07     | 4.07        | 840             | 10.0        | 10.0        | 02/12/18  | KCA | 10       |
| Isopropylbenzene               | ND             | 0.204      | 0.204       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| m,p-Xylene                     | 0.385          | 0.230      | 0.230       | 1.67            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Methyl Ethyl Ketone            | 0.602          | 0.339      | 0.339       | 1.77            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Methyl tert-butyl ether(MTBE)  | ND             | 0.278      | 0.278       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Methylene Chloride             | ND             | 0.864      | 0.864       | ND              | 3.00        | 3.00        | 02/12/18  | KCA | 1        |
| n-Butylbenzene                 | ND             | 0.182      | 0.182       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| o-Xylene                       | ND             | 0.230      | 0.230       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Propylene                      | ND             | 0.581      | 0.581       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| sec-Butylbenzene               | ND             | 0.182      | 0.182       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Styrene                        | ND             | 0.235      | 0.235       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Tetrachloroethene              | 0.102          | 0.037      | 0.037       | 0.69            | 0.25        | 0.25        | 02/12/18  | KCA | 1        |
| Tetrahydrofuran                | ND             | 0.339      | 0.339       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Toluene                        | 0.956          | 0.266      | 0.266       | 3.60            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Trans-1,2-Dichloroethene       | ND             | 0.252      | 0.252       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| trans-1,3-Dichloropropene      | ND             | 0.221      | 0.221       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Trichloroethene                | ND             | 0.037      | 0.037       | ND              | 0.20        | 0.20        | 02/12/18  | KCA | 1        |
| Trichlorofluoromethane         | 0.324          | 0.178      | 0.178       | 1.82            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Trichlorotrifluoroethane       | ND             | 0.131      | 0.131       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Vinyl Chloride                 | ND             | 0.078      | 0.078       | ND              | 0.20        | 0.20        | 02/12/18  | KCA | 1        |
| <b><u>QA/OC Surrogates</u></b> |                |            |             |                 |             |             |           |     |          |
| % Bromofluorobenzene           | 119            | %          | %           | 119             | %           | %           | 02/12/18  | KCA | 1        |

| Parameter | ppbv<br>Result | ppbv<br>RL | LOD/<br>MDL | ug/m3<br>Result | ug/m3<br>RL | LOD/<br>MDL | Date/Time | By | Dilution |
|-----------|----------------|------------|-------------|-----------------|-------------|-------------|-----------|----|----------|
|-----------|----------------|------------|-------------|-----------------|-------------|-------------|-----------|----|----------|

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

### **Comments:**

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services.

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**Phyllis Shiller, Laboratory Director**

**March 19, 2018**

**Reviewed and Released by: Jon Carlson, Project Manager**



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## Analysis Report

March 19, 2018

FOR: Attn: Mr. Michael Cody  
Cody Ehlers Group  
935 White Plains Road  
Trumbull, CT 06611

### Sample Information

Matrix: AIR  
Location Code: CEG  
Rush Request: Standard  
P.O.#:  
Canister Id: 350

### Custody Information

Collected by: KK  
Received by: LB  
Analyzed by: see "By" below

### Date

02/09/18  
02/12/18

### Time

14:20  
14:17

Project ID: CHAZ VALET  
Client ID: VP-3

### Laboratory Data

SDG ID: GBZ87625  
Phoenix ID: BZ87627

| Parameter                      | ppbv<br>Result | ppbv<br>RL | LOD/<br>MDL | ug/m3<br>Result | ug/m3<br>RL | LOD/<br>MDL | Date/Time | By  | Dilution |
|--------------------------------|----------------|------------|-------------|-----------------|-------------|-------------|-----------|-----|----------|
| <b><u>Volatiles (TO15)</u></b> |                |            |             |                 |             |             |           |     |          |
| 1,1,1,2-Tetrachloroethane      | ND             | 0.146      | 0.146       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,1,1-Trichloroethane          | ND             | 0.183      | 0.183       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,1,2,2-Tetrachloroethane      | ND             | 0.146      | 0.146       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,1,2-Trichloroethane          | ND             | 0.183      | 0.183       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,1-Dichloroethane             | ND             | 0.247      | 0.247       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,1-Dichloroethene             | ND             | 0.051      | 0.051       | ND              | 0.20        | 0.20        | 02/12/18  | KCA | 1        |
| 1,2,4-Trichlorobenzene         | ND             | 0.135      | 0.135       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,2,4-Trimethylbenzene         | 4.40           | 0.204      | 0.204       | 21.6            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,2-Dibromoethane(EDB)         | ND             | 0.130      | 0.130       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,2-Dichlorobenzene            | ND             | 0.166      | 0.166       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,2-Dichloroethane             | ND             | 0.247      | 0.247       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,2-dichloropropane            | ND             | 0.217      | 0.217       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,2-Dichlorotetrafluoroethane  | ND             | 0.143      | 0.143       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,3,5-Trimethylbenzene         | 0.454          | 0.204      | 0.204       | 2.23            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,3-Butadiene                  | ND             | 0.452      | 0.452       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,3-Dichlorobenzene            | 1.27           | 0.166      | 0.166       | 7.63            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,4-Dichlorobenzene            | ND             | 0.166      | 0.166       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,4-Dioxane                    | ND             | 0.278      | 0.278       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 2-Hexanone(MBK)                | 0.985          | 0.244      | 0.244       | 4.03            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 4-Ethyltoluene                 | 0.293          | 0.204      | 0.204       | 1.44            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 4-Isopropyltoluene             | ND             | 0.182      | 0.182       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 4-Methyl-2-pentanone(MIBK)     | 1.09           | 0.244      | 0.244       | 4.46            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Acetone                        | 76.8           | D 2.11     | 2.11        | 182             | 5.01        | 5.01        | 02/13/18  | KCA | 5        |
| Acrylonitrile                  | ND             | 0.461      | 0.461       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Benzene                        | 0.455          | 0.313      | 0.313       | 1.45            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Benzyl chloride                | ND             | 0.193      | 0.193       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |

| Parameter                      | ppbv<br>Result | ppbv<br>RL | LOD/<br>MDL | ug/m3<br>Result | ug/m3<br>RL | LOD/<br>MDL | Date/Time | By  | Dilution |
|--------------------------------|----------------|------------|-------------|-----------------|-------------|-------------|-----------|-----|----------|
| Bromodichloromethane           | ND             | 0.149      | 0.149       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Bromoform                      | ND             | 0.097      | 0.097       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Bromomethane                   | ND             | 0.258      | 0.258       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Carbon Disulfide               | ND             | 0.321      | 0.321       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Carbon Tetrachloride           | 0.124          | 0.032      | 0.032       | 0.78            | 0.20        | 0.20        | 02/12/18  | KCA | 1        |
| Chlorobenzene                  | ND             | 0.217      | 0.217       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Chloroethane                   | ND             | 0.379      | 0.379       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Chloroform                     | ND             | 0.205      | 0.205       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Chloromethane                  | ND             | 0.485      | 0.485       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Cis-1,2-Dichloroethene         | ND             | 0.051      | 0.051       | ND              | 0.20        | 0.20        | 02/12/18  | KCA | 1        |
| cis-1,3-Dichloropropene        | ND             | 0.221      | 0.221       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Cyclohexane                    | ND             | 0.291      | 0.291       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Dibromochloromethane           | ND             | 0.118      | 0.118       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Dichlorodifluoromethane        | 0.679          | 0.202      | 0.202       | 3.36            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Ethanol                        | 750            | ED 2.66    | 2.66        | 1410            | 5.01        | 5.01        | 02/13/18  | KCA | 5 1      |
| Ethyl acetate                  | 0.868          | 0.278      | 0.278       | 3.13            | 1.00        | 1.00        | 02/12/18  | KCA | 1 1      |
| Ethylbenzene                   | 0.799          | 0.230      | 0.230       | 3.47            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Heptane                        | 0.624          | 0.244      | 0.244       | 2.56            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Hexachlorobutadiene            | ND             | 0.094      | 0.094       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Hexane                         | 0.446          | S 0.284    | 0.284       | 1.57            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Isopropylalcohol               | 41.5           | D 2.04     | 2.04        | 102             | 5.01        | 5.01        | 02/13/18  | KCA | 5        |
| Isopropylbenzene               | ND             | 0.204      | 0.204       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| m,p-Xylene                     | 2.76           | 0.230      | 0.230       | 12.0            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Methyl Ethyl Ketone            | 4.20           | 0.339      | 0.339       | 12.4            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Methyl tert-butyl ether(MTBE)  | ND             | 0.278      | 0.278       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Methylene Chloride             | ND             | 0.864      | 0.864       | ND              | 3.00        | 3.00        | 02/12/18  | KCA | 1        |
| n-Butylbenzene                 | 0.192          | 0.182      | 0.182       | 1.05            | 1.00        | 1.00        | 02/12/18  | KCA | 1 1      |
| o-Xylene                       | 0.989          | 0.230      | 0.230       | 4.29            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Propylene                      | ND             | 0.581      | 0.581       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1 1      |
| sec-Butylbenzene               | ND             | 0.182      | 0.182       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1 1      |
| Styrene                        | 1.18           | 0.235      | 0.235       | 5.02            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Tetrachloroethene              | 4.48           | 0.037      | 0.037       | 30.4            | 0.25        | 0.25        | 02/12/18  | KCA | 1        |
| Tetrahydrofuran                | 0.471          | 0.339      | 0.339       | 1.39            | 1.00        | 1.00        | 02/12/18  | KCA | 1 1      |
| Toluene                        | 4.19           | 0.266      | 0.266       | 15.8            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Trans-1,2-Dichloroethene       | ND             | 0.252      | 0.252       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| trans-1,3-Dichloropropene      | ND             | 0.221      | 0.221       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Trichloroethene                | 3.97           | 0.037      | 0.037       | 21.3            | 0.20        | 0.20        | 02/12/18  | KCA | 1        |
| Trichlorofluoromethane         | 0.434          | 0.178      | 0.178       | 2.44            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Trichlorotrifluoroethane       | ND             | 0.131      | 0.131       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Vinyl Chloride                 | ND             | 0.078      | 0.078       | ND              | 0.20        | 0.20        | 02/12/18  | KCA | 1        |
| <b><u>QA/QC Surrogates</u></b> |                |            |             |                 |             |             |           |     |          |
| % Bromofluorobenzene           | 129            | %          | %           | 129             | %           | %           | 02/12/18  | KCA | 1        |

| Parameter | ppbv<br>Result | ppbv<br>RL | LOD/<br>MDL | ug/m3<br>Result | ug/m3<br>RL | LOD/<br>MDL | Date/Time | By | Dilution |
|-----------|----------------|------------|-------------|-----------------|-------------|-------------|-----------|----|----------|
|-----------|----------------|------------|-------------|-----------------|-------------|-------------|-----------|----|----------|

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

### **Comments:**

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services.

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**Phyllis Shiller, Laboratory Director**

**March 19, 2018**

**Reviewed and Released by: Jon Carlson, Project Manager**



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Tel. (860) 645-1102 Fax (860) 645-0823



## Analysis Report

March 19, 2018

FOR: Attn: Mr. Michael Cody  
Cody Ehlers Group  
935 White Plains Road  
Trumbull, CT 06611

### Sample Information

Matrix: AIR  
Location Code: CEG  
Rush Request: Standard  
P.O.#:  
Canister Id: 11289

### Custody Information

Collected by: KK  
Received by: LB  
Analyzed by: see "By" below

### Date

02/09/18 14:20  
02/12/18 14:17

### Time

Project ID: CHAZ VALET  
Client ID: IA-3

### Laboratory Data

SDG ID: GBZ87625  
Phoenix ID: BZ87628

| Parameter                     | ppbv<br>Result | ppbv<br>RL | LOD/<br>MDL | ug/m3<br>Result | ug/m3<br>RL | LOD/<br>MDL | Date/Time | By  | Dilution |
|-------------------------------|----------------|------------|-------------|-----------------|-------------|-------------|-----------|-----|----------|
| <b>Volatiles (TO15)</b>       |                |            |             |                 |             |             |           |     |          |
| 1,1,1,2-Tetrachloroethane     | ND             | 0.146      | 0.146       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,1,1-Trichloroethane         | ND             | 0.183      | 0.183       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,1,2,2-Tetrachloroethane     | ND             | 0.146      | 0.146       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,1,2-Trichloroethane         | ND             | 0.183      | 0.183       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,1-Dichloroethane            | ND             | 0.247      | 0.247       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,1-Dichloroethene            | ND             | 0.051      | 0.051       | ND              | 0.20        | 0.20        | 02/12/18  | KCA | 1        |
| 1,2,4-Trichlorobenzene        | ND             | 0.135      | 0.135       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,2,4-Trimethylbenzene        | 0.746          | 0.204      | 0.204       | 3.67            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,2-Dibromoethane(EDB)        | ND             | 0.130      | 0.130       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,2-Dichlorobenzene           | ND             | 0.166      | 0.166       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,2-Dichloroethane            | ND             | 0.247      | 0.247       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,2-dichloropropane           | ND             | 0.217      | 0.217       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,2-Dichlorotetrafluoroethane | ND             | 0.143      | 0.143       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,3,5-Trimethylbenzene        | 0.279          | 0.204      | 0.204       | 1.37            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,3-Butadiene                 | ND             | 0.452      | 0.452       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,3-Dichlorobenzene           | ND             | 0.166      | 0.166       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,4-Dichlorobenzene           | 0.198          | 0.166      | 0.166       | 1.19            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,4-Dioxane                   | ND             | 0.278      | 0.278       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 2-Hexanone(MBK)               | ND             | 0.244      | 0.244       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 4-Ethyltoluene                | ND             | 0.204      | 0.204       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 4-Isopropyltoluene            | ND             | 0.182      | 0.182       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 4-Methyl-2-pentanone(MIBK)    | ND             | 0.244      | 0.244       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Acetone                       | 14.2           | 0.421      | 0.421       | 33.7            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Acrylonitrile                 | ND             | 0.461      | 0.461       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Benzene                       | 0.510          | 0.313      | 0.313       | 1.63            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Benzyl chloride               | ND             | 0.193      | 0.193       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |



Client ID: IA-3

| Parameter                      | ppbv<br>Result | ppbv<br>RL | LOD/<br>MDL | ug/m3<br>Result | ug/m3<br>RL | LOD/<br>MDL | Date/Time | By  | Dilution |
|--------------------------------|----------------|------------|-------------|-----------------|-------------|-------------|-----------|-----|----------|
| Bromodichloromethane           | ND             | 0.149      | 0.149       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Bromoform                      | ND             | 0.097      | 0.097       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Bromomethane                   | ND             | 0.258      | 0.258       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Carbon Disulfide               | ND             | 0.321      | 0.321       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Carbon Tetrachloride           | 0.110          | 0.032      | 0.032       | 0.69            | 0.20        | 0.20        | 02/12/18  | KCA | 1        |
| Chlorobenzene                  | ND             | 0.217      | 0.217       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Chloroethane                   | ND             | 0.379      | 0.379       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Chloroform                     | ND             | 0.205      | 0.205       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Chloromethane                  | 1.73           | 0.485      | 0.485       | 3.57            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Cis-1,2-Dichloroethene         | ND             | 0.051      | 0.051       | ND              | 0.20        | 0.20        | 02/12/18  | KCA | 1        |
| cis-1,3-Dichloropropene        | ND             | 0.221      | 0.221       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Cyclohexane                    | ND             | 0.291      | 0.291       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Dibromochloromethane           | ND             | 0.118      | 0.118       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Dichlorodifluoromethane        | 0.560          | 0.202      | 0.202       | 2.77            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Ethanol                        | 150            | E 0.531    | 0.531       | 282             | 1.00        | 1.00        | 02/12/18  | KCA | 1 1      |
| Ethyl acetate                  | ND             | 0.278      | 0.278       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1 1      |
| Ethylbenzene                   | ND             | 0.230      | 0.230       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Heptane                        | 0.259          | 0.244      | 0.244       | 1.06            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Hexachlorobutadiene            | ND             | 0.094      | 0.094       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Hexane                         | 0.465          | S 0.284    | 0.284       | 1.64            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Isopropylalcohol               | 8.53           | 0.407      | 0.407       | 21.0            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Isopropylbenzene               | ND             | 0.204      | 0.204       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| m,p-Xylene                     | 0.502          | 0.230      | 0.230       | 2.18            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Methyl Ethyl Ketone            | 0.586          | 0.339      | 0.339       | 1.73            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Methyl tert-butyl ether(MTBE)  | ND             | 0.278      | 0.278       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Methylene Chloride             | ND             | 0.864      | 0.864       | ND              | 3.00        | 3.00        | 02/12/18  | KCA | 1        |
| n-Butylbenzene                 | ND             | 0.182      | 0.182       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1 1      |
| o-Xylene                       | ND             | 0.230      | 0.230       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Propylene                      | ND             | 0.581      | 0.581       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1 1      |
| sec-Butylbenzene               | ND             | 0.182      | 0.182       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1 1      |
| Styrene                        | ND             | 0.235      | 0.235       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Tetrachloroethene              | 0.859          | 0.037      | 0.037       | 5.82            | 0.25        | 0.25        | 02/12/18  | KCA | 1        |
| Tetrahydrofuran                | ND             | 0.339      | 0.339       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1 1      |
| Toluene                        | 1.09           | 0.266      | 0.266       | 4.11            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Trans-1,2-Dichloroethene       | ND             | 0.252      | 0.252       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| trans-1,3-Dichloropropene      | ND             | 0.221      | 0.221       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Trichloroethene                | 7.97           | 0.037      | 0.037       | 42.8            | 0.20        | 0.20        | 02/12/18  | KCA | 1        |
| Trichlorofluoromethane         | 0.308          | 0.178      | 0.178       | 1.73            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Trichlorotrifluoroethane       | ND             | 0.131      | 0.131       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Vinyl Chloride                 | ND             | 0.078      | 0.078       | ND              | 0.20        | 0.20        | 02/12/18  | KCA | 1        |
| <b><u>QA/QC Surrogates</u></b> |                |            |             |                 |             |             |           |     |          |
| % Bromofluorobenzene           | 108            | %          | %           | 108             | %           | %           | 02/12/18  | KCA | 1        |

| Parameter | ppbv<br>Result | ppbv<br>RL | LOD/<br>MDL | ug/m3<br>Result | ug/m3<br>RL | LOD/<br>MDL | Date/Time | By | Dilution |
|-----------|----------------|------------|-------------|-----------------|-------------|-------------|-----------|----|----------|
|-----------|----------------|------------|-------------|-----------------|-------------|-------------|-----------|----|----------|

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

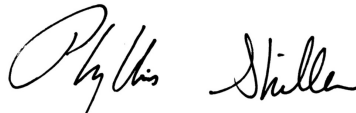
### **Comments:**

E = Estimated value quantitated above calibration range for this compound.

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services.

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**Phyllis Shiller, Laboratory Director**

**March 19, 2018**

**Reviewed and Released by: Jon Carlson, Project Manager**



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## Analysis Report

March 19, 2018

FOR: Attn: Mr. Michael Cody  
Cody Ehlers Group  
935 White Plains Road  
Trumbull, CT 06611

### Sample Information

Matrix: AIR  
Location Code: CEG  
Rush Request: Standard  
P.O.#:  
Canister Id: 19633

### Custody Information

Collected by: KK  
Received by: LB  
Analyzed by: see "By" below

### Date

02/09/18 14:15  
02/12/18 14:17

### Time

Project ID: CHAZ VALET  
Client ID: VP-4

### Laboratory Data

SDG ID: GBZ87625  
Phoenix ID: BZ87629

| Parameter                      | ppbv<br>Result | ppbv<br>RL | LOD/<br>MDL | ug/m3<br>Result | ug/m3<br>RL | LOD/<br>MDL | Date/Time | By  | Dilution |
|--------------------------------|----------------|------------|-------------|-----------------|-------------|-------------|-----------|-----|----------|
| <b><u>Volatiles (TO15)</u></b> |                |            |             |                 |             |             |           |     |          |
| 1,1,1,2-Tetrachloroethane      | ND             | 0.146      | 0.146       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,1,1-Trichloroethane          | ND             | 0.183      | 0.183       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,1,2,2-Tetrachloroethane      | ND             | 0.146      | 0.146       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,1,2-Trichloroethane          | ND             | 0.183      | 0.183       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,1-Dichloroethane             | ND             | 0.247      | 0.247       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,1-Dichloroethene             | ND             | 0.051      | 0.051       | ND              | 0.20        | 0.20        | 02/12/18  | KCA | 1        |
| 1,2,4-Trichlorobenzene         | ND             | 0.135      | 0.135       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,2,4-Trimethylbenzene         | 0.539          | 0.204      | 0.204       | 2.65            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,2-Dibromoethane(EDB)         | ND             | 0.130      | 0.130       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,2-Dichlorobenzene            | ND             | 0.166      | 0.166       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,2-Dichloroethane             | ND             | 0.247      | 0.247       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,2-dichloropropane            | ND             | 0.217      | 0.217       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,2-Dichlorotetrafluoroethane  | ND             | 0.143      | 0.143       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,3,5-Trimethylbenzene         | ND             | 0.204      | 0.204       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,3-Butadiene                  | ND             | 0.452      | 0.452       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,3-Dichlorobenzene            | 1.05           | 0.166      | 0.166       | 6.31            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,4-Dichlorobenzene            | ND             | 0.166      | 0.166       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,4-Dioxane                    | ND             | 0.278      | 0.278       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 2-Hexanone(MBK)                | 0.572          | 0.244      | 0.244       | 2.34            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 4-Ethyltoluene                 | ND             | 0.204      | 0.204       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 4-Isopropyltoluene             | ND             | 0.182      | 0.182       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 4-Methyl-2-pentanone(MIBK)     | 0.683          | 0.244      | 0.244       | 2.80            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Acetone                        | 71.3           | D 2.11     | 2.11        | 169             | 5.01        | 5.01        | 02/13/18  | KCA | 5        |
| Acrylonitrile                  | ND             | 0.461      | 0.461       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Benzene                        | 1.46           | 0.313      | 0.313       | 4.66            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Benzyl chloride                | ND             | 0.193      | 0.193       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |

| Parameter                     | ppbv<br>Result | ppbv<br>RL | LOD/<br>MDL | ug/m3<br>Result | ug/m3<br>RL | LOD/<br>MDL | Date/Time | By  | Dilution |
|-------------------------------|----------------|------------|-------------|-----------------|-------------|-------------|-----------|-----|----------|
| Bromodichloromethane          | ND             | 0.149      | 0.149       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Bromoform                     | ND             | 0.097      | 0.097       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Bromomethane                  | ND             | 0.258      | 0.258       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Carbon Disulfide              | ND             | 0.321      | 0.321       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Carbon Tetrachloride          | 0.110          | 0.032      | 0.032       | 0.69            | 0.20        | 0.20        | 02/12/18  | KCA | 1        |
| Chlorobenzene                 | ND             | 0.217      | 0.217       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Chloroethane                  | ND             | 0.379      | 0.379       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Chloroform                    | ND             | 0.205      | 0.205       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Chloromethane                 | ND             | 0.485      | 0.485       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Cis-1,2-Dichloroethene        | ND             | 0.051      | 0.051       | ND              | 0.20        | 0.20        | 02/12/18  | KCA | 1        |
| cis-1,3-Dichloropropene       | ND             | 0.221      | 0.221       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Cyclohexane                   | ND             | 0.291      | 0.291       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Dibromochloromethane          | ND             | 0.118      | 0.118       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Dichlorodifluoromethane       | 0.802          | 0.202      | 0.202       | 3.96            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Ethanol                       | 714            | ED 2.66    | 2.66        | 1340            | 5.01        | 5.01        | 02/13/18  | KCA | 5        |
| Ethyl acetate                 | 0.401          | 0.278      | 0.278       | 1.44            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Ethylbenzene                  | 0.630          | 0.230      | 0.230       | 2.73            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Heptane                       | 0.325          | 0.244      | 0.244       | 1.33            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Hexachlorobutadiene           | ND             | 0.094      | 0.094       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Hexane                        | ND             | 0.284      | 0.284       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Isopropylalcohol              | 23.5           | 0.407      | 0.407       | 57.7            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Isopropylbenzene              | ND             | 0.204      | 0.204       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| m,p-Xylene                    | 2.26           | 0.230      | 0.230       | 9.8             | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Methyl Ethyl Ketone           | 3.60           | 0.339      | 0.339       | 10.6            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Methyl tert-butyl ether(MTBE) | ND             | 0.278      | 0.278       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Methylene Chloride            | ND             | 0.864      | 0.864       | ND              | 3.00        | 3.00        | 02/12/18  | KCA | 1        |
| n-Butylbenzene                | ND             | 0.182      | 0.182       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| o-Xylene                      | 0.713          | 0.230      | 0.230       | 3.09            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Propylene                     | ND             | 0.581      | 0.581       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| sec-Butylbenzene              | ND             | 0.182      | 0.182       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Styrene                       | 1.20           | 0.235      | 0.235       | 5.11            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Tetrachloroethene             | 3.69           | 0.037      | 0.037       | 25.0            | 0.25        | 0.25        | 02/12/18  | KCA | 1        |
| Tetrahydrofuran               | ND             | 0.339      | 0.339       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Toluene                       | 2.73           | 0.266      | 0.266       | 10.3            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Trans-1,2-Dichloroethene      | ND             | 0.252      | 0.252       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| trans-1,3-Dichloropropene     | ND             | 0.221      | 0.221       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Trichloroethene               | ND             | 0.037      | 0.037       | ND              | 0.20        | 0.20        | 02/12/18  | KCA | 1        |
| Trichlorofluoromethane        | 0.341          | 0.178      | 0.178       | 1.91            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Trichlorotrifluoroethane      | ND             | 0.131      | 0.131       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Vinyl Chloride                | ND             | 0.078      | 0.078       | ND              | 0.20        | 0.20        | 02/12/18  | KCA | 1        |

**QA/QC Surrogates**

|                      |     |   |   |     |   |   |          |     |   |
|----------------------|-----|---|---|-----|---|---|----------|-----|---|
| % Bromofluorobenzene | 120 | % | % | 120 | % | % | 02/12/18 | KCA | 1 |
|----------------------|-----|---|---|-----|---|---|----------|-----|---|

| Parameter | ppbv<br>Result | ppbv<br>RL | LOD/<br>MDL | ug/m3<br>Result | ug/m3<br>RL | LOD/<br>MDL | Date/Time | By | Dilution |
|-----------|----------------|------------|-------------|-----------------|-------------|-------------|-----------|----|----------|
|-----------|----------------|------------|-------------|-----------------|-------------|-------------|-----------|----|----------|

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

### **Comments:**

If there are any questions regarding this data, please call Phoenix Client Services.

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Phyllis Shiller, Laboratory Director

March 19, 2018

Reviewed and Released by: Jon Carlson, Project Manager



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## Analysis Report

March 19, 2018

FOR: Attn: Mr. Michael Cody  
Cody Ehlers Group  
935 White Plains Road  
Trumbull, CT 06611

### Sample Information

Matrix: AIR  
Location Code: CEG  
Rush Request: Standard  
P.O.#:  
Canister Id: 12867

### Custody Information

Collected by: KK  
Received by: LB  
Analyzed by: see "By" below

### Date

02/09/18 14:10  
02/12/18 14:17

### Time

### Laboratory Data

SDG ID: GBZ87625  
Phoenix ID: BZ87630

Project ID: CHAZ VALET  
Client ID: AMBIENT AIR OUTSIDE

| Parameter                     | ppbv<br>Result | ppbv<br>RL | LOD/<br>MDL | ug/m3<br>Result | ug/m3<br>RL | LOD/<br>MDL | Date/Time | By  | Dilution |
|-------------------------------|----------------|------------|-------------|-----------------|-------------|-------------|-----------|-----|----------|
| <b>Volatiles (TO15)</b>       |                |            |             |                 |             |             |           |     |          |
| 1,1,1,2-Tetrachloroethane     | ND             | 0.146      | 0.146       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,1,1-Trichloroethane         | ND             | 0.183      | 0.183       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,1,2,2-Tetrachloroethane     | ND             | 0.146      | 0.146       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,1,2-Trichloroethane         | ND             | 0.183      | 0.183       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,1-Dichloroethane            | ND             | 0.247      | 0.247       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,1-Dichloroethene            | ND             | 0.051      | 0.051       | ND              | 0.20        | 0.20        | 02/12/18  | KCA | 1        |
| 1,2,4-Trichlorobenzene        | ND             | 0.135      | 0.135       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,2,4-Trimethylbenzene        | ND             | 0.204      | 0.204       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,2-Dibromoethane(EDB)        | ND             | 0.130      | 0.130       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,2-Dichlorobenzene           | ND             | 0.166      | 0.166       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,2-Dichloroethane            | ND             | 0.247      | 0.247       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,2-dichloropropane           | ND             | 0.217      | 0.217       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,2-Dichlorotetrafluoroethane | ND             | 0.143      | 0.143       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,3,5-Trimethylbenzene        | ND             | 0.204      | 0.204       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,3-Butadiene                 | ND             | 0.452      | 0.452       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,3-Dichlorobenzene           | ND             | 0.166      | 0.166       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,4-Dichlorobenzene           | ND             | 0.166      | 0.166       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 1,4-Dioxane                   | ND             | 0.278      | 0.278       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 2-Hexanone(MBK)               | ND             | 0.244      | 0.244       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 4-Ethyltoluene                | ND             | 0.204      | 0.204       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 4-Isopropyltoluene            | ND             | 0.182      | 0.182       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| 4-Methyl-2-pentanone(MIBK)    | ND             | 0.244      | 0.244       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Acetone                       | 3.66           | S 0.421    | 0.421       | 8.69            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Acrylonitrile                 | ND             | 0.461      | 0.461       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Benzene                       | 0.756          | 0.313      | 0.313       | 2.41            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Benzyl chloride               | ND             | 0.193      | 0.193       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |

| Parameter                      | ppbv<br>Result | ppbv<br>RL | LOD/<br>MDL | ug/m3<br>Result | ug/m3<br>RL | LOD/<br>MDL | Date/Time | By  | Dilution |
|--------------------------------|----------------|------------|-------------|-----------------|-------------|-------------|-----------|-----|----------|
| Bromodichloromethane           | ND             | 0.149      | 0.149       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Bromoform                      | ND             | 0.097      | 0.097       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Bromomethane                   | ND             | 0.258      | 0.258       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Carbon Disulfide               | ND             | 0.321      | 0.321       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Carbon Tetrachloride           | 0.085          | 0.032      | 0.032       | 0.53            | 0.20        | 0.20        | 02/12/18  | KCA | 1        |
| Chlorobenzene                  | ND             | 0.217      | 0.217       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Chloroethane                   | ND             | 0.379      | 0.379       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Chloroform                     | ND             | 0.205      | 0.205       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Chloromethane                  | ND             | 0.485      | 0.485       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Cis-1,2-Dichloroethene         | ND             | 0.051      | 0.051       | ND              | 0.20        | 0.20        | 02/12/18  | KCA | 1        |
| cis-1,3-Dichloropropene        | ND             | 0.221      | 0.221       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Cyclohexane                    | ND             | 0.291      | 0.291       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Dibromochloromethane           | ND             | 0.118      | 0.118       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Dichlorodifluoromethane        | ND             | 0.202      | 0.202       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Ethanol                        | 12.6           | 0.531      | 0.531       | 23.7            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Ethyl acetate                  | ND             | 0.278      | 0.278       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Ethylbenzene                   | ND             | 0.230      | 0.230       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Heptane                        | ND             | 0.244      | 0.244       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Hexachlorobutadiene            | ND             | 0.094      | 0.094       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Hexane                         | 0.382          | S 0.284    | 0.284       | 1.35            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Isopropylalcohol               | ND             | 0.407      | 0.407       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Isopropylbenzene               | ND             | 0.204      | 0.204       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| m,p-Xylene                     | 0.380          | 0.230      | 0.230       | 1.65            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Methyl Ethyl Ketone            | 0.341          | 0.339      | 0.339       | 1.01            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Methyl tert-butyl ether(MTBE)  | ND             | 0.278      | 0.278       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Methylene Chloride             | ND             | 0.864      | 0.864       | ND              | 3.00        | 3.00        | 02/12/18  | KCA | 1        |
| n-Butylbenzene                 | ND             | 0.182      | 0.182       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| o-Xylene                       | ND             | 0.230      | 0.230       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Propylene                      | ND             | 0.581      | 0.581       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| sec-Butylbenzene               | ND             | 0.182      | 0.182       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Styrene                        | ND             | 0.235      | 0.235       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Tetrachloroethene              | 0.064          | 0.037      | 0.037       | 0.43            | 0.25        | 0.25        | 02/12/18  | KCA | 1        |
| Tetrahydrofuran                | ND             | 0.339      | 0.339       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Toluene                        | 0.784          | 0.266      | 0.266       | 2.95            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Trans-1,2-Dichloroethene       | ND             | 0.252      | 0.252       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| trans-1,3-Dichloropropene      | ND             | 0.221      | 0.221       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Trichloroethene                | ND             | 0.037      | 0.037       | ND              | 0.20        | 0.20        | 02/12/18  | KCA | 1        |
| Trichlorofluoromethane         | 0.316          | 0.178      | 0.178       | 1.77            | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Trichlorotrifluoroethane       | ND             | 0.131      | 0.131       | ND              | 1.00        | 1.00        | 02/12/18  | KCA | 1        |
| Vinyl Chloride                 | ND             | 0.078      | 0.078       | ND              | 0.20        | 0.20        | 02/12/18  | KCA | 1        |
| <b><u>QA/QC Surrogates</u></b> |                |            |             |                 |             |             |           |     |          |
| % Bromofluorobenzene           | 104            | %          | %           | 104             | %           | %           | 02/12/18  | KCA | 1        |

| Parameter | ppbv<br>Result | ppbv<br>RL | LOD/<br>MDL | ug/m3<br>Result | ug/m3<br>RL | LOD/<br>MDL | Date/Time | By | Dilution |
|-----------|----------------|------------|-------------|-----------------|-------------|-------------|-----------|----|----------|
|-----------|----------------|------------|-------------|-----------------|-------------|-------------|-----------|----|----------|

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

### **Comments:**

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services.

This report must not be reproduced except in full as defined by the attached chain of custody.



**Phyllis Shiller, Laboratory Director**

**March 19, 2018**

**Reviewed and Released by: Jon Carlson, Project Manager**





Environmental Laboratories, Inc.  
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## QA/QC Report

March 19, 2018

### QA/QC Data

SDG I.D.: GBZ87625

| Parameter | Blk<br>ppbv | Blk<br>RL<br>ppbv | Blk<br>ug/m3 | Blk<br>RL<br>ug/m3 | LCS<br>% | Sample<br>Result<br>ug/m3 | Sample<br>Dup<br>ug/m3 | Sample<br>Result<br>ppbv | Sample<br>Dup<br>ppbv | DUP<br>RPD | %<br>Rec<br>Limits | %<br>RPD<br>Limits |
|-----------|-------------|-------------------|--------------|--------------------|----------|---------------------------|------------------------|--------------------------|-----------------------|------------|--------------------|--------------------|
|-----------|-------------|-------------------|--------------|--------------------|----------|---------------------------|------------------------|--------------------------|-----------------------|------------|--------------------|--------------------|

QA/QC Batch 419592 (ppbv), QC Sample No: BZ87877 (BZ87625 (1X, 10X) , BZ87626 (1X, 10X) , BZ87627 (1X, 5X) , BZ87628, BZ87629 (1X, 5X) , BZ87630)

#### Volatiles

|                               |    |       |    |      |     |      |      |       |       |     |          |    |
|-------------------------------|----|-------|----|------|-----|------|------|-------|-------|-----|----------|----|
| 1,1,1,2-Tetrachloroethane     | ND | 0.150 | ND | 1.03 | 113 | ND   | ND   | ND    | ND    | NC  | 70 - 130 | 25 |
| 1,1,1-Trichloroethane         | ND | 0.180 | ND | 0.98 | 116 | ND   | ND   | ND    | ND    | NC  | 70 - 130 | 25 |
| 1,1,2,2-Tetrachloroethane     | ND | 0.150 | ND | 1.03 | 106 | ND   | ND   | ND    | ND    | NC  | 70 - 130 | 25 |
| 1,1,2-Trichloroethane         | ND | 0.180 | ND | 0.98 | 112 | ND   | ND   | ND    | ND    | NC  | 70 - 130 | 25 |
| 1,1-Dichloroethane            | ND | 0.250 | ND | 1.01 | 100 | ND   | ND   | ND    | ND    | NC  | 70 - 130 | 25 |
| 1,1-Dichloroethene            | ND | 0.050 | ND | 0.20 | 115 | ND   | ND   | ND    | ND    | NC  | 70 - 130 | 25 |
| 1,2,4-Trichlorobenzene        | ND | 0.130 | ND | 0.96 | 97  | ND   | ND   | ND    | ND    | NC  | 70 - 130 | 25 |
| 1,2,4-Trimethylbenzene        | ND | 0.200 | ND | 0.98 | 116 | ND   | ND   | ND    | ND    | NC  | 70 - 130 | 25 |
| 1,2-Dibromoethane(EDB)        | ND | 0.130 | ND | 1.00 | 114 | ND   | ND   | ND    | ND    | NC  | 70 - 130 | 25 |
| 1,2-Dichlorobenzene           | ND | 0.170 | ND | 1.02 | 112 | ND   | ND   | ND    | ND    | NC  | 70 - 130 | 25 |
| 1,2-Dichloroethane            | ND | 0.250 | ND | 1.01 | 113 | ND   | ND   | ND    | ND    | NC  | 70 - 130 | 25 |
| 1,2-dichloropropane           | ND | 0.220 | ND | 1.02 | 105 | ND   | ND   | ND    | ND    | NC  | 70 - 130 | 25 |
| 1,2-Dichlorotetrafluoroethane | ND | 0.140 | ND | 0.98 | 127 | ND   | ND   | ND    | ND    | NC  | 70 - 130 | 25 |
| 1,3,5-Trimethylbenzene        | ND | 0.200 | ND | 0.98 | 113 | ND   | ND   | ND    | ND    | NC  | 70 - 130 | 25 |
| 1,3-Butadiene                 | ND | 0.450 | ND | 0.99 | 114 | ND   | ND   | ND    | ND    | NC  | 70 - 130 | 25 |
| 1,3-Dichlorobenzene           | ND | 0.170 | ND | 1.02 | 109 | ND   | ND   | ND    | ND    | NC  | 70 - 130 | 25 |
| 1,4-Dichlorobenzene           | ND | 0.170 | ND | 1.02 | 107 | 1.03 | 1.02 | 0.172 | 0.170 | NC  | 70 - 130 | 25 |
| 1,4-Dioxane                   | ND | 0.280 | ND | 1.01 | 110 | ND   | ND   | ND    | ND    | NC  | 70 - 130 | 25 |
| 2-Hexanone(MBK)               | ND | 0.240 | ND | 0.98 | 112 | ND   | ND   | ND    | ND    | NC  | 70 - 130 | 25 |
| 4-Ethyltoluene                | ND | 0.200 | ND | 0.98 | 111 | ND   | ND   | ND    | ND    | NC  | 70 - 130 | 25 |
| 4-Isopropyltoluene            | ND | 0.180 | ND | 0.99 | 105 | ND   | ND   | ND    | ND    | NC  | 70 - 130 | 25 |
| 4-Methyl-2-pentanone(MIBK)    | ND | 0.240 | ND | 0.98 | 115 | ND   | ND   | ND    | ND    | NC  | 70 - 130 | 25 |
| Acetone                       | ND | 0.420 | ND | 1.00 | 110 | 17.5 | 18.6 | 7.36  | 7.83  | 6.2 | 70 - 130 | 25 |
| Acrylonitrile                 | ND | 0.460 | ND | 1.00 | 106 | ND   | ND   | ND    | ND    | NC  | 70 - 130 | 25 |
| Benzene                       | ND | 0.310 | ND | 0.99 | 112 | 1.05 | 0.95 | 0.328 | 0.297 | NC  | 70 - 130 | 25 |
| Benzyl chloride               | ND | 0.190 | ND | 0.98 | 128 | ND   | ND   | ND    | ND    | NC  | 70 - 130 | 25 |
| Bromodichloromethane          | ND | 0.150 | ND | 1.00 | 115 | ND   | ND   | ND    | ND    | NC  | 70 - 130 | 25 |
| Bromoform                     | ND | 0.097 | ND | 1.00 | 136 | ND   | ND   | ND    | ND    | NC  | 70 - 130 | 25 |
| Bromomethane                  | ND | 0.260 | ND | 1.01 | 105 | ND   | ND   | ND    | ND    | NC  | 70 - 130 | 25 |
| Carbon Disulfide              | ND | 0.320 | ND | 1.00 | 109 | ND   | ND   | ND    | ND    | NC  | 70 - 130 | 25 |
| Carbon Tetrachloride          | ND | 0.032 | ND | 0.20 | 131 | 0.58 | 0.65 | 0.093 | 0.104 | NC  | 70 - 130 | 25 |
| Chlorobenzene                 | ND | 0.220 | ND | 1.01 | 101 | ND   | ND   | ND    | ND    | NC  | 70 - 130 | 25 |
| Chloroethane                  | ND | 0.380 | ND | 1.00 | 113 | ND   | ND   | ND    | ND    | NC  | 70 - 130 | 25 |
| Chloroform                    | ND | 0.200 | ND | 0.98 | 102 | 1.60 | 1.72 | 0.327 | 0.352 | NC  | 70 - 130 | 25 |
| Chloromethane                 | ND | 0.480 | ND | 0.99 | 124 | 1.53 | 1.21 | 0.739 | 0.586 | NC  | 70 - 130 | 25 |
| Cis-1,2-Dichloroethene        | ND | 0.050 | ND | 0.20 | 112 | ND   | ND   | ND    | ND    | NC  | 70 - 130 | 25 |
| cis-1,3-Dichloropropene       | ND | 0.220 | ND | 1.00 | 119 | ND   | ND   | ND    | ND    | NC  | 70 - 130 | 25 |
| Cyclohexane                   | ND | 0.290 | ND | 1.00 | 116 | ND   | ND   | ND    | ND    | NC  | 70 - 130 | 25 |
| Dibromochloromethane          | ND | 0.120 | ND | 1.02 | 128 | ND   | ND   | ND    | ND    | NC  | 70 - 130 | 25 |
| Dichlorodifluoromethane       | ND | 0.200 | ND | 0.99 | 122 | 3.01 | 2.42 | 0.610 | 0.490 | NC  | 70 - 130 | 25 |

## QA/QC Data

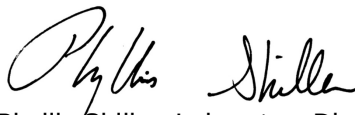
SDG I.D.: GBZ87625

| Parameter                     | Blk<br>ppbv | Blk<br>RL<br>ppbv | Blk<br>ug/m3 | Blk<br>RL<br>ug/m3 | LCS<br>% | Sample<br>Result<br>ug/m3 | Sample<br>Dup<br>ug/m3 | Sample<br>Result<br>ppbv | Sample<br>Dup<br>ppbv | DUP<br>RPD | %<br>Rec<br>Limits | %<br>RPD<br>Limits |
|-------------------------------|-------------|-------------------|--------------|--------------------|----------|---------------------------|------------------------|--------------------------|-----------------------|------------|--------------------|--------------------|
| Ethanol                       | ND          | 0.530             | ND           | 1.00               | 110      | 657                       | 653                    | 349                      | 347                   | 0.6        | 70 - 130           | 25                 |
| Ethyl acetate                 | ND          | 0.280             | ND           | 1.01               | 118      | 1.55                      | 1.62                   | 0.430                    | 0.449                 | NC         | 70 - 130           | 25                 |
| Ethylbenzene                  | ND          | 0.230             | ND           | 1.00               | 107      | ND                        | ND                     | ND                       | ND                    | NC         | 70 - 130           | 25                 |
| Heptane                       | ND          | 0.240             | ND           | 0.98               | 110      | ND                        | ND                     | ND                       | ND                    | NC         | 70 - 130           | 25                 |
| Hexachlorobutadiene           | ND          | 0.094             | ND           | 1.00               | 111      | ND                        | ND                     | ND                       | ND                    | NC         | 70 - 130           | 25                 |
| Hexane                        | ND          | 0.280             | ND           | 0.99               | 115      | ND                        | ND                     | ND                       | ND                    | NC         | 70 - 130           | 25                 |
| Isopropylalcohol              | ND          | 0.410             | ND           | 1.01               | 102      | 28.0                      | 32.4                   | 11.4                     | 13.2                  | 14.6       | 70 - 130           | 25                 |
| Isopropylbenzene              | ND          | 0.200             | ND           | 0.98               | 104      | ND                        | ND                     | ND                       | ND                    | NC         | 70 - 130           | 25                 |
| m,p-Xylene                    | ND          | 0.230             | ND           | 1.00               | 113      | 2.06                      | 2.06                   | 0.475                    | 0.475                 | NC         | 70 - 130           | 25                 |
| Methyl Ethyl Ketone           | ND          | 0.340             | ND           | 1.00               | 99       | ND                        | ND                     | ND                       | ND                    | NC         | 70 - 130           | 25                 |
| Methyl tert-butyl ether(MTBE) | ND          | 0.280             | ND           | 1.01               | 107      | ND                        | ND                     | ND                       | ND                    | NC         | 70 - 130           | 25                 |
| Methylene Chloride            | ND          | 0.860             | ND           | 2.99               | 111      | ND                        | ND                     | ND                       | ND                    | NC         | 70 - 130           | 25                 |
| n-Butylbenzene                | ND          | 0.180             | ND           | 0.99               | 107      | ND                        | ND                     | ND                       | ND                    | NC         | 70 - 130           | 25                 |
| o-Xylene                      | ND          | 0.230             | ND           | 1.00               | 111      | ND                        | ND                     | ND                       | ND                    | NC         | 70 - 130           | 25                 |
| Propylene                     | ND          | 0.580             | ND           | 1.00               | 106      | ND                        | ND                     | ND                       | ND                    | NC         | 70 - 130           | 25                 |
| sec-Butylbenzene              | ND          | 0.180             | ND           | 0.99               | 103      | ND                        | ND                     | ND                       | ND                    | NC         | 70 - 130           | 25                 |
| Styrene                       | ND          | 0.230             | ND           | 0.98               | 111      | ND                        | ND                     | ND                       | ND                    | NC         | 70 - 130           | 25                 |
| Tetrachloroethene             | ND          | 0.037             | ND           | 0.25               | 111      | 2.60                      | 2.39                   | 0.384                    | 0.352                 | 8.7        | 70 - 130           | 25                 |
| Tetrahydrofuran               | ND          | 0.340             | ND           | 1.00               | 106      | ND                        | ND                     | ND                       | ND                    | NC         | 70 - 130           | 25                 |
| Toluene                       | ND          | 0.270             | ND           | 1.02               | 113      | 1.61                      | 1.49                   | 0.427                    | 0.395                 | NC         | 70 - 130           | 25                 |
| Trans-1,2-Dichloroethene      | ND          | 0.250             | ND           | 0.99               | 109      | ND                        | ND                     | ND                       | ND                    | NC         | 70 - 130           | 25                 |
| trans-1,3-Dichloropropene     | ND          | 0.220             | ND           | 1.00               | 117      | ND                        | ND                     | ND                       | ND                    | NC         | 70 - 130           | 25                 |
| Trichloroethene               | ND          | 0.037             | ND           | 0.20               | 111      | ND                        | ND                     | ND                       | ND                    | NC         | 70 - 130           | 25                 |
| Trichlorofluoromethane        | ND          | 0.180             | ND           | 1.01               | 111      | 1.30                      | 1.36                   | 0.232                    | 0.243                 | NC         | 70 - 130           | 25                 |
| Trichlorotrifluoroethane      | ND          | 0.130             | ND           | 1.00               | 89       | ND                        | ND                     | ND                       | ND                    | NC         | 70 - 130           | 25                 |
| Vinyl Chloride                | ND          | 0.078             | ND           | 0.20               | 119      | ND                        | ND                     | ND                       | ND                    | NC         | 70 - 130           | 25                 |
| % Bromofluorobenzene          | 100         |                   | 100          |                    | 101      | 105                       | 105                    | 105                      | 105                   | NC         | 70 - 130           | 25                 |

I = This parameter is outside laboratory LCS/LCSD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference  
 LCS - Laboratory Control Sample  
 LCSD - Laboratory Control Sample Duplicate  
 MS - Matrix Spike  
 MS Dup - Matrix Spike Duplicate  
 NC - No Criteria  
 Intf - Interference

  
 Phyllis Shiller, Laboratory Director  
 March 19, 2018

Monday, March 19, 2018

Criteria: None

State: NY

**Sample Criteria Exceedances Report**  
**GBZ87625 - CEG**

| SampNo | Acode | Phoenix Analyte | Criteria | Result | RL | Criteria | RL<br>Criteria | Analysis<br>Units |
|--------|-------|-----------------|----------|--------|----|----------|----------------|-------------------|
|--------|-------|-----------------|----------|--------|----|----------|----------------|-------------------|

\*\*\* No Data to Display \*\*\*

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
Telephone: 860.645.1102 • Fax: 860.645.0823

# CHAIN OF CUSTODY RECORD

## AIR ANALYSES

800-827-5426

email: greg@phoenixlabs.com

P.O. #

Page 1 of 1

Data Delivery:

☐ Fax #:

☒ Email: PHOENIXLABS.COM

☐ Phone #:

|                                                                                                                                                                                                         |  |                                     |  |                                                                                        |  |                                  |  |                                                                                                   |  |                                                                |  |                                 |  |                                  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------|--|----------------------------------------------------------------------------------------|--|----------------------------------|--|---------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------|--|---------------------------------|--|----------------------------------|--|
| Report to:                                                                                                                                                                                              |  | Invoice to:                         |  | Project Name: <u>C452 VALUET</u>                                                       |  | Ambient/Indoor Air               |  | Soil Gas                                                                                          |  | Grab (G) Composite (C)                                         |  | TO-14                           |  | TO-15                            |  |
| Customer: <u>Cody Ehlers Group</u>                                                                                                                                                                      |  | <input checked="" type="checkbox"/> |  | Requested Deliverable: RCP <input type="checkbox"/> ASP CAT B <input type="checkbox"/> |  | Canister Pressure at Start ("Hg) |  | Canister Pressure at End ("Hg)                                                                    |  |                                                                |  |                                 |  |                                  |  |
| Address: <u>935 White Plains Rd</u>                                                                                                                                                                     |  |                                     |  | MCP <input type="checkbox"/> NJ Deliverables <input type="checkbox"/>                  |  | Sampling Start Time              |  | Sampling End Time                                                                                 |  | Sample Start Date                                              |  |                                 |  |                                  |  |
| Sampled by: <u>Kyle Keston</u>                                                                                                                                                                          |  |                                     |  | State where samples collected: <u>NY</u>                                               |  |                                  |  |                                                                                                   |  |                                                                |  |                                 |  |                                  |  |
| Phoenix ID #                                                                                                                                                                                            |  | Client Sample ID                    |  | Canister ID #                                                                          |  | Canister Size (L)                |  | Outgoing Canister Pressure ("Hg)                                                                  |  | Incoming Canister Pressure ("Hg)                               |  | Flow Regulator ID #             |  | Flow Controller Setting (mL/min) |  |
| THIS SECTION FOR LAB USE ONLY                                                                                                                                                                           |  |                                     |  |                                                                                        |  |                                  |  |                                                                                                   |  |                                                                |  |                                 |  |                                  |  |
| 87625                                                                                                                                                                                                   |  | IA-4 DUP                            |  | 13650                                                                                  |  | 6.0                              |  | -30                                                                                               |  | -7                                                             |  | 4491                            |  | 10.8                             |  |
| 87626                                                                                                                                                                                                   |  | IA-4                                |  | 479                                                                                    |  |                                  |  |                                                                                                   |  | -7                                                             |  | 5400                            |  |                                  |  |
| 87627                                                                                                                                                                                                   |  | VP-1                                |  | 350                                                                                    |  |                                  |  |                                                                                                   |  | -7                                                             |  | 3190                            |  |                                  |  |
| 87628                                                                                                                                                                                                   |  | IA-1                                |  | 11289                                                                                  |  |                                  |  |                                                                                                   |  | -5                                                             |  | 5830                            |  |                                  |  |
| 87629                                                                                                                                                                                                   |  | VP-4                                |  | 19633                                                                                  |  |                                  |  |                                                                                                   |  | -6                                                             |  | 4491                            |  |                                  |  |
| 87630                                                                                                                                                                                                   |  | AMBIENT AIR (OUTSIDE)               |  | 12867                                                                                  |  |                                  |  |                                                                                                   |  | -3                                                             |  | 5393                            |  |                                  |  |
| Relinquished by: <u>[Signature]</u>                                                                                                                                                                     |  | Accepted by: <u>[Signature]</u>     |  | Date: <u>2/12/18</u>                                                                   |  | Time: <u>11:04</u>               |  | Data Format: <input type="checkbox"/> Excel <input type="checkbox"/> PDF <input type="checkbox"/> |  | Equis <input type="checkbox"/> Other: <input type="checkbox"/> |  | GISKey <input type="checkbox"/> |  |                                  |  |
| SPECIAL INSTRUCTIONS, OC REQUIREMENTS, REGULATORY INFORMATION: <u>660842</u>                                                                                                                            |  |                                     |  |                                                                                        |  |                                  |  |                                                                                                   |  |                                                                |  |                                 |  |                                  |  |
| Requested Criteria                                                                                                                                                                                      |  |                                     |  |                                                                                        |  |                                  |  |                                                                                                   |  |                                                                |  |                                 |  |                                  |  |
| Quote Number: _____ Signature: _____ Date: _____                                                                                                                                                        |  |                                     |  |                                                                                        |  |                                  |  |                                                                                                   |  |                                                                |  |                                 |  |                                  |  |
| I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document: |  |                                     |  |                                                                                        |  |                                  |  |                                                                                                   |  |                                                                |  |                                 |  |                                  |  |



30 Fairbank Turnpike, 2nd Fl., New York, NY 10044  
Tel: 212-691-1111 Fax: 212-691-1112

# CHAIN OF CUSTODY RECORD

## AIR ANALYSES

800-827-5426

email: [greg@phoenixlabs.com](mailto:greg@phoenixlabs.com)

P.O. #

Page 1 of 1

Date Delivered:

☐ Fax #:

E-mail: [ALAN@CITYLABS.COM](mailto:ALAN@CITYLABS.COM)

☐ Phone #:

|                                                                                                                                                                                                            |                       |                                          |                                          |                                   |                                     |                     |                                  |                     |                   |                                     |                                   |                                 |       |                          |                        |                          |        |          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|------------------------------------------|------------------------------------------|-----------------------------------|-------------------------------------|---------------------|----------------------------------|---------------------|-------------------|-------------------------------------|-----------------------------------|---------------------------------|-------|--------------------------|------------------------|--------------------------|--------|----------|
| Request to:                                                                                                                                                                                                | Service to:           | Project Name:                            |                                          |                                   |                                     |                     |                                  |                     |                   |                                     |                                   |                                 |       |                          |                        |                          |        |          |
| Customer: <u>Cody Ehlers Group</u>                                                                                                                                                                         |                       | <u>CHART VALLEY</u>                      |                                          |                                   |                                     |                     |                                  |                     |                   |                                     |                                   |                                 |       |                          |                        |                          |        |          |
| Address: <u>935 White Plains Rd</u>                                                                                                                                                                        |                       | Requested Deliverable:                   | <input type="checkbox"/> ASP COT 8       |                                   |                                     |                     |                                  |                     |                   |                                     |                                   |                                 |       |                          |                        |                          |        |          |
| <u>Tomball, CT 06611</u>                                                                                                                                                                                   |                       | <input type="checkbox"/> MDP             | <input type="checkbox"/> NO Deliverables |                                   |                                     |                     |                                  |                     |                   |                                     |                                   |                                 |       |                          |                        |                          |        |          |
|                                                                                                                                                                                                            |                       | State where samples collected: <u>NY</u> |                                          |                                   |                                     |                     |                                  |                     |                   |                                     |                                   |                                 |       |                          |                        |                          |        |          |
| Phonetic ID #                                                                                                                                                                                              | Client Sample ID      | Container ID #                           | Container Size (L)                       | Original Container Pressure (PSI) | Insulating Container Pressure (PSI) | Flow Regulator ID # | Flow Controller Setting (ml/min) | Sampling Start Time | Sampling End Time | Sample Start Date                   | Container Pressure at Start (PSI) | Container Pressure at End (PSI) | TO-14 | TO-15                    | Grab (G) Composite (C) | Rel Gas                  | Matrix | ANALYSES |
| THIS SECTION FOR LAB USE ONLY                                                                                                                                                                              |                       |                                          |                                          |                                   |                                     |                     |                                  |                     |                   |                                     |                                   |                                 |       |                          |                        |                          |        |          |
| 87625                                                                                                                                                                                                      | IA-4 DUP              | 13650                                    | 60                                       | 30                                | -7                                  | 4491                | 10.8                             | 6:15                | 14:15             | 2/11/18                             | -30                               | -6                              | X     |                          |                        | X                        |        |          |
| 87626                                                                                                                                                                                                      | IA-4                  | 439                                      |                                          |                                   | -7                                  | 5400                |                                  | 6:15                | 14:15             |                                     | -30                               | -7                              |       |                          |                        |                          |        |          |
| 87627                                                                                                                                                                                                      | VP-3                  | 360                                      |                                          |                                   | -7                                  | 3800                |                                  | 6:20                | 14:20             |                                     | -30                               | -8                              |       |                          |                        |                          |        |          |
| 87628                                                                                                                                                                                                      | IA-3                  | 1128                                     |                                          |                                   | -5                                  | 5800                |                                  | 6:20                | 14:20             |                                     | -30                               | -4                              |       |                          |                        |                          |        |          |
| 87629                                                                                                                                                                                                      | VP-4                  | 19673                                    |                                          |                                   | -6                                  | 4491                |                                  | 6:15                | 14:15             |                                     | -20                               | -6                              |       |                          |                        |                          |        |          |
| 87630                                                                                                                                                                                                      | AMBIENT AIR (outside) | 18164                                    |                                          |                                   | -3                                  | 5392                |                                  | 6:10                | 14:10             |                                     | -29                               | -4                              |       |                          |                        |                          |        |          |
| Requisitioned by:                                                                                                                                                                                          |                       | Accepted by:                             |                                          | Date:                             |                                     | Time:               |                                  | Data Format:        |                   | Excess                              |                                   | Expire                          |       | CRS Key                  |                        | Other:                   |        |          |
| <u>[Signature]</u>                                                                                                                                                                                         |                       | <u>[Signature]</u>                       |                                          | 2/12/18                           |                                     | 11:04               |                                  | PDF                 |                   | <input checked="" type="checkbox"/> |                                   | <input type="checkbox"/>        |       | <input type="checkbox"/> |                        | <input type="checkbox"/> |        |          |
| SPECIAL INSTRUCTIONS OR REGULATORY INFORMATION:                                                                                                                                                            |                       |                                          |                                          |                                   |                                     |                     |                                  |                     |                   |                                     |                                   |                                 |       |                          |                        |                          |        |          |
| DATA PACKAGE NEEDS TO BE COMPATIBLE WITH NYSDC DIGITAL DELIVERY FORMAT                                                                                                                                     |                       |                                          |                                          |                                   |                                     |                     |                                  |                     |                   |                                     |                                   |                                 |       |                          |                        |                          |        |          |
| I warrant that all results obtained by Phoenix Environmental Laboratories, Inc. have been reviewed in good working condition and agree to the terms and conditions as listed on the back of this document. |                       |                                          |                                          |                                   |                                     |                     |                                  |                     |                   |                                     |                                   |                                 |       |                          |                        |                          |        |          |
| Signature: _____ Date: _____                                                                                                                                                                               |                       |                                          |                                          |                                   |                                     |                     |                                  |                     |                   |                                     |                                   |                                 |       |                          |                        |                          |        |          |