

How to Read Your Laboratory Report

The samples were analyzed by STL (Sewern Trent Laboratory) in Burlington, VT, an independent lab certified by New York State to perform air sampling analysis.

This number is assigned by the laboratory to track the shipment in which the sample was received.

This is the type of sample analyzed.

This is the universal chemical inventory number for this particular compound.

When first received from the laboratory, results are considered preliminary. They have not yet been independently verified for accuracy. This important quality control process takes longer, and once it is completed, each homeowner will receive the final, validated data in writing.

This is an analytical method approved by New York State of this type of analysis.

Each sample analyzed has been assigned its own sample number. The final letter(s) of the number (SS, B, FF, AMB) corresponds to the location the sample was collected (Sub-slab, Basement, First Floor, and Outside, respectively.) A separate sheet with results will be provided for each individual sample collected in your home.

This is a number assigned by the laboratory to track results for this particular sample. Residents should refer to this number if speaking with New York State or GE about the results.

DRAFT

**TO-14/15
Result Summary**

Lab Name: STL Burlington

SDG Number: 105872

Case Number:

Sample Matrix: AIR

CLIENT SAMPLE NO.
XX-X-XX-SS

Lab Sample No.: 610815

Date Analyzed: 3/19/05

Date Received: 3/10/05

| Target Compound | CAS Number | Results in ppbv | Q | RL in ppbv | Results in ug/m ³ | Q | RL in ug/m ³ |
|------------------------|------------|-----------------|---|------------|------------------------------|---|-------------------------|
| Vinyl Chloride | 75-01-4 | 0.10 | U | 0.10 | 0.26 | U | 0.26 |
| cis-1,2-Dichloroethene | 156-69-2 | 0.10 | U | 0.10 | 0.40 | U | 0.40 |
| Trichloroethene | 79-01-6 | 0.10 | U | 0.10 | 0.54 | U | 0.54 |

— Your results are reported in the circled column of the table as micrograms per cubic meter of air (ug/m³). These same results are reported in a different unit of measure (parts per billion per volume of air or ppbv) in the third column. Both columns report the concentration of each compound in the air sample. For indoor air samples, results in the circled column do not exceed New York State's Indoor Air Guideline if they are below 5 micrograms per cubic meter of air (ug/m³). For sub-slab air samples, if the level of TCE reported is below 250 micrograms per cubic meter of air (ug/m³) and TCE is not detected within the living space of the home, corrective action is not considered necessary by New York State.

— Results in the RL columns (titled "RL" for reporting limit) indicate the lowest level the laboratory can reliably report. If a "U" is listed in either "Q" column (titled "Q" for qualifier), no detectable levels of the compound were found in the sample. If the results in the circled column are the same as the number reported in the RL column and no "U" is listed in the "Q" column, levels of the compound were detected in the sample at the reporting limit.