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## PATI Indoor Air Quality Check

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Client:	Sample Number: 9999 - 1
Project: YOUR PLANT	Date Sampled: 01/01/2007
Location: YOUR CITY	Date Received: 01/01/2007
Sampled By: ME	Date Analyzed: 05/21
Submitter ID: YOUR SAMPLE	Date Reported: 06/26/2007

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### Results for this Submission

Total VOCs (TVOC), ng/L: 4,500

Mold VOCs (TMVOC), ng/L: 26

Sample Volume (L): 19.2

Notes: -

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## Understanding the Results

### TVOC (Total Volatile Organic Compounds)

No federal or state agency has specified a specific limit for TVOCs in indoor air; however, the European Union and the U. S. Green Building Council (USGBC) have recommended 500 ng/L as the limit. TVOC levels below 500 ng/L indicate that the IAQ is acceptable. TVOC levels between 500 and 1,500 ng/L indicate that the IAQ is marginal and some effect on the occupants is possible. Levels above 1,500 ng/L indicate that the IAQ should be improved. Based on what the individual compounds are that make up the TVOC, it is possible to suggest actions which will lower the level into an acceptable range. To do this, contact the testing service that took the sample and request that a full breakdown of the VOCs be performed. There is an extra charge for this service. Once this analysis is completed, the tester may be able to use the information to suggest ways to improve the IAQ. It is possible, however, that the full analysis will not yield a simple solution in which case, an IAQ specialist should be contacted.

### TMVOC (Total Mold Volatile Organic Compounds)

This is an assessment of the quantity of actively growing mold in the building. Like TVOC, no federal or state agency has specified specific limits for TMVOC. Typically, if there is no plumbing leak or water intrusion into the building, there will not be a mold problem. If mold is indicated, the first step in fixing the problem is to find and repair the water leak. Typical places to check are roof leaks, plumbing leaks, and leaks under the windows. Levels below 30 ng/L indicate a low level of mold, 30-150 ng/L indicate that actively growing mold is present at a moderate level and some building occupants will probably be affected. Levels above 150 ng/L indicate that a high level of mold is present and most building occupants will probably be affected.

The results contained in this report were dependent upon a number of factors, which may include, but are not limited to, the sampling techniques utilized, the size or source of the sample, the compounds which make up the TVOC and/or the type of mold(s) present. Therefore, neither PATI, nor its agents, officers, directors, employees, or successors (1) expresses any opinion about action which may or should be taken based upon the results provided and (2) shall be liable for any claims, actions, causes of action, costs, loss of service, expenses and compensation whatsoever which may now or hereafter occur or accrue based upon the information contained herein.