

Liberty Mutual / ATC Sample Measurement Data  
Weekly Summary

| Start<br>Report<br>Period | End Report<br>Period   | Analyte<br>Class | # Sam<br>ples | # Analy<br>sis | High %<br>TLV | High %<br>TLV | High %<br>PEL | High %<br>PEL | Analyte             | Job<br>Description                        | #NQ's | % NQ's | Comment |
|---------------------------|------------------------|------------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------------|-------------------------------------------|-------|--------|---------|
| 12/29/2001<br>7:00:00 AM  | 1/4/2002<br>7:00:00 PM | Silica           | 8             | 18             | 0.05          | 680%          | 0.61578       | 388%          | Quartz              | Hummering<br>concrete on<br>cable pit     | 16    | 89%    |         |
| 12/29/2001<br>7:00:00 AM  | 1/4/2002<br>7:00:00 PM | Ozone            | 4             | 5              | 0.08          | 21%           | 0.1           | 17%           | Ozone               | Depression<br>on ramp &<br>road by Tower  | 5     | 100%   |         |
| 12/29/2001<br>7:00:00 AM  | 1/4/2002<br>7:00:00 PM | Aldehydes        | 4             | 16             | 0.3           | 9%            | 0.75          | 4%            | Formaldehyde        | Grappler<br>Operator 2<br>WTC             | 6     | 38%    |         |
| 12/29/2001<br>7:00:00 AM  | 1/4/2002<br>7:00:00 PM | Acids            | 3             | 18             | 1             | 6%            | 1             | 6%            | Sulfuric Acid       | Depr-E<br>Section of Twr<br>2 by trucks   | 14    | 78%    |         |
| 12/29/2001<br>7:00:00 AM  | 1/4/2002<br>7:00:00 PM | Metals           | 4             | 68             | 2             | 8%            | 5             | 3%            | Calcium             | Spotter in<br>depression -<br>in Tower #1 | 37    | 54%    |         |
| 12/29/2001<br>7:00:00 AM  | 1/4/2002<br>7:00:00 PM | Total PAH        | 2             | 28             | 0.2           | 5%            | 0.2           | 5%            |                     | in Depression<br>South of<br>Tower #2     | 5     | 18%    |         |
| 12/29/2001<br>7:00:00 AM  | 1/4/2002<br>7:00:00 PM | Special          | 21            | 28             | 2             | 2%            | 5             | 1%            | Sulfur Dioxide      | Corner of<br>Ground 0; W<br>St by         | 28    | 100%   |         |
| 12/29/2001<br>7:00:00 AM  | 1/4/2002<br>7:00:00 PM | Sulfides         | 6             | 11             | 10            | 1%            | 20            | 1%            | Hydrogen<br>Sulfide | Labor on<br>Gate Ent. SW<br>Corner Sewer  | 9     | 82%    |         |
| 12/29/2001<br>7:00:00 AM  | 1/4/2002<br>7:00:00 PM | Aromatics        | 1             | 4              | 0.5           | 0%            | 1             | 0%            | Benzene             | Cutter in<br>Depression<br>South Tower    | 4     | 100%   |         |