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TIME-WEIGHTED AVERAGE ANNUAL C-8 CONCENTRATIONS AND  
FOR A TYPICAL DAY AT VARIOUS WASHINGTON WORKS LOCATIONS

Attached is information received from the National Climatic Center concerning wind distributions by Pasquill Stability Classes for a typical year in the Parkersburg, West Virginia area. With this weather information along with information sent to you recently regarding Teflon® C-8 emissions, please calculate the following for those areas listed in Table 1:

- Expected time-weighted average annual C-8 ground-level concentration.
- Most likely time-weighted average 8-hour C-8 ground-level concentrations using the prevailing weather conditions.

*Joseph G. Loschiavo*  
Joseph G. Loschiavo

Attachment

JGL/nsw

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There's a world of things we're doing something about

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TABLE I

WASHINGTON WORKS LOCATIONS

| <u>BUILDING OR AREA</u>            | <u>DISTANCE FROM CENTER<br/>OF TFE DRYER EXHAUST<br/>STACKS (FT.)</u> | <u>DIRECTION FROM CENTER<br/>OF TFE DRYER EXHAUST<br/>STACKS</u> |
|------------------------------------|-----------------------------------------------------------------------|------------------------------------------------------------------|
| Administrative Bldg. - Bldg. 1     | 1,150                                                                 | 166°                                                             |
| Cafeteria - Bldg. 5                | 675                                                                   | 141°                                                             |
| Powerhouse - Bldg. 30              | 375                                                                   | 108°                                                             |
| Lucite® Office Bldg. - Bldg. 143   | 1,225                                                                 | 112°                                                             |
| Teflon® Office Bldg. - Bldg. 168   | 700                                                                   | 248°                                                             |
| Butacite® Office Bldg. - Bldg. 226 | 850                                                                   | 122°                                                             |
| R & D Bldg. - Bldg. 22             | 650                                                                   | 200°                                                             |
| Incinerator                        | 2,600                                                                 | 90°                                                              |
| Carr Bldg. - Bldg. 170             | 675                                                                   | 275°                                                             |
| Nylon Office Bldg. - Bldg. 150     | 1,200                                                                 | 104°                                                             |
| Delrin® Office Bldg. - Bldg. 200   | 925                                                                   | 230°                                                             |
| Central Laboratory - Bldg. 3       | 800                                                                   | 160°                                                             |
| Building 10 - Office Bldg.         | 200                                                                   | 8°                                                               |
| 2000 Ft. North of TFE Stacks       | 2,000                                                                 | 0°                                                               |
| C & P Bldg. - Bldg. 280            | 2,300                                                                 | 105°                                                             |

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