





US Army Corps of Engineers

Indiana Harbor and Canal  
Confined Disposal Facility  
Real-Time Air Monitoring Data  
4-1-13 to 4-7-13

Table with columns: Reading Time (EST), Wind Direction, Wind Speed, Particulates (µg/m³) [Upwind, Downwind, CDF Contribution, M1, M2, M3, M4], Naphthalene (µg/m³) [Upwind, Downwind, CDF Contribution, M1, M2, M3, M4]. Rows represent hourly data from 4/1/13 11:45 PM to 4/2/13 11:15 PM.













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| Reading Time (EST) | Wind Direction<br>Degrees Clockwise<br>from North | Wind Speed<br>mph | Particulates (µg/m <sup>3</sup> ) |          |                     |       |       |       |       | Naphthalene (µg/m <sup>3</sup> ) |          |                     |      |      |      |      |
|--------------------|---|-------------------|-----------------------------------|----------|---------------------|-------|-------|-------|-------|----------------------------------|----------|---------------------|------|------|------|------|
|                    |   |                   | Upwind                            | Downwind | CDF<br>Contribution | M1    | M2    | M3    | M4    | Upwind                           | Downwind | CDF<br>Contribution | M1   | M2   | M3   | M4   |
| 4/7/13 10:15 PM    | 63.00   | 3.20              | 31.00                             | 29.50    | 0.00                | 31.00 | 15.50 | 29.50 | 45.40 | 0.00                             | 0.00     | 0.00                | 0.00 | 0.00 | 0.00 | 0.00 |
| 4/7/13 10:30 PM    | 59.00   | 2.60              | 27.90                             | 28.40    | 0.50                | 27.90 | 16.00 | 28.40 | 53.00 | 0.00                             | 0.00     | 0.00                | 0.00 | 0.00 | 0.00 | 0.00 |
| 4/7/13 10:45 PM    | 67.00   | 3.40              | 28.50                             | 33.30    | 4.80                | 28.50 | 15.50 | 33.30 | 39.40 | 0.00                             | 0.00     | 0.00                | 0.00 | 0.00 | 0.00 | 0.00 |
| 4/7/13 11:00 PM    | 77.00   | 3.50              | 26.60                             | 29.60    | 3.00                | 26.60 | 18.50 | 29.60 | 48.10 | 0.00                             | 0.00     | 0.00                | 0.00 | 0.00 | 0.00 | 0.00 |
| 4/7/13 11:15 PM    | 71.00   | 3.10              | 28.00                             | 29.20    | 1.20                | 28.00 | 22.20 | 29.20 | 50.20 | 0.00                             | 0.00     | 0.00                | 0.00 | 0.00 | 0.00 | 0.00 |
| 4/7/13 11:30 PM    | 68.00   | 3.60              | 26.50                             | 31.60    | 5.10                | 26.50 | 19.50 | 31.60 | 61.20 | 0.00                             | 0.00     | 0.00                | 0.00 | 0.00 | 0.00 | 0.00 |
| 4/7/13 11:45 PM    | 89.00   | 5.20              | 26.90                             | 33.30    | 6.40                | 26.90 | 21.10 | 33.30 | 61.30 | 0.00                             | 0.00     | 0.00                | 0.00 | 0.00 | 0.00 | 0.00 |