



# DAILY AIR MONITORING REPORT

## Florence C&D Landfill – Air Monitoring

Date : 2025-09-16

Table 1 : Weather Summary

| Wind Speed (MPH)            | Wind Direction |             |             |             | Temperature (°F)           | Relative Humidity (%)      | Barometer (inHg)           |
|-----------------------------|----------------|-------------|-------------|-------------|----------------------------|----------------------------|----------------------------|
| Min : 0.1340<br>Max : 17.00 | 2943<br>ESE    | 2995<br>NNE | 2996<br>ESE | 2997<br>NNW | Min : 59.90<br>Max : 101.1 | Min : 34.30<br>Max : 90.60 | Min : 29.93<br>Max : 30.20 |

Table 2 : Monitoring Summary

| Site Action Level : | PM10 : 150 µg/m³        |                              | PM2.5 : 35 µg/m³         |                               | H2S : 10 PPM         |                           |
|---------------------|-------------------------|------------------------------|--------------------------|-------------------------------|----------------------|---------------------------|
| AQ-SN               | Avg. PM10 Daily (µg/m³) | Max. PM10-15-min Avg (µg/m³) | Avg. PM2.5 Daily (µg/m³) | Max. PM2.5-15-min Avg (µg/m³) | Avg. H2S Daily (PPM) | Max. H2S-15-min Avg (PPM) |
| 2943                | 19.0                    | 97.3                         | 7.7                      | 19.7                          | -0.121               | 0.054                     |
| 2995                | 82.5                    | 183.8                        | 35.8                     | 67.2                          | 0.005                | 0.042                     |
| 2996                | 14.0                    | 43.7                         | 7.7                      | 15.3                          | 0.008                | 0.073                     |
| 2997                | 13.6                    | 23.0                         | 7.5                      | 13.5                          | 0.002                | 0.019                     |

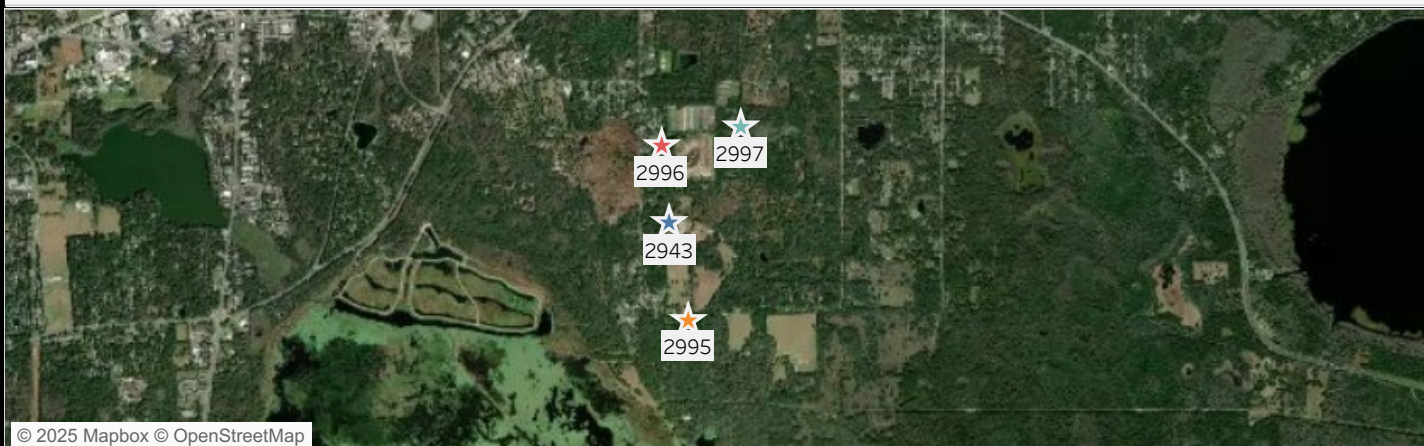


Figure 1 : Monitoring Locations

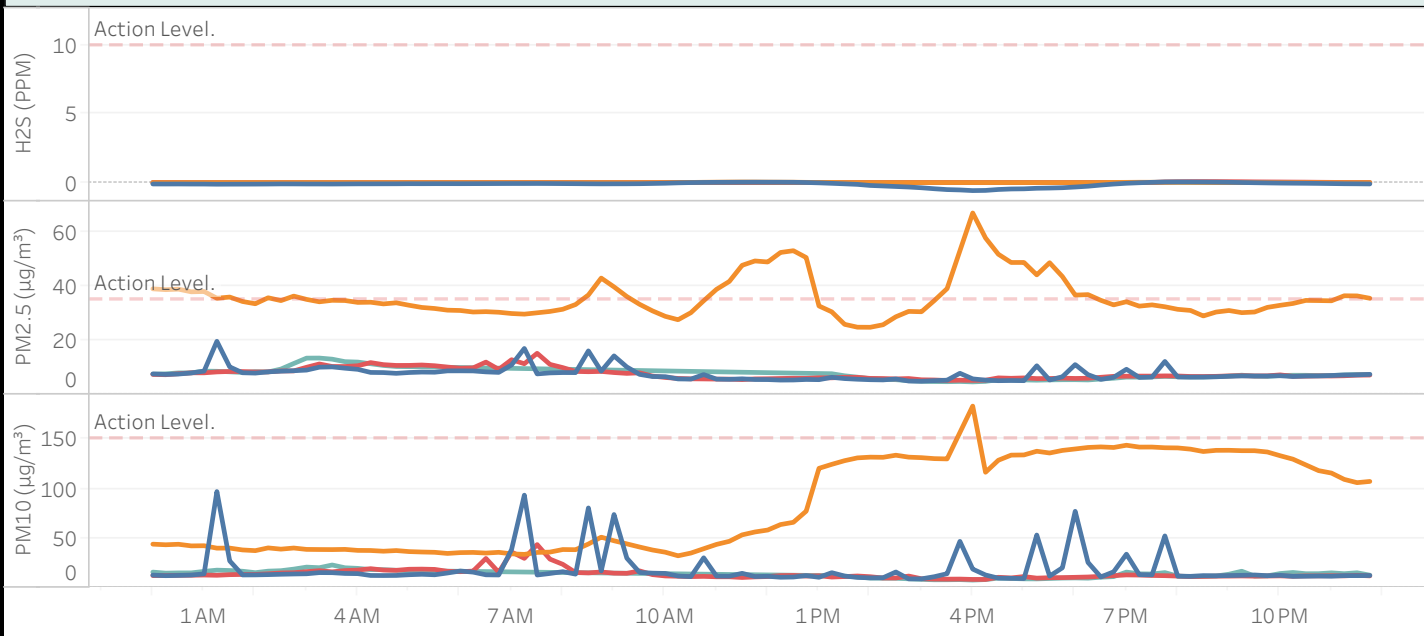


Figure 2 : 15 Minutes Average Concentrations

2943 2995 2996 2997



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Wind Rose Chart 2943

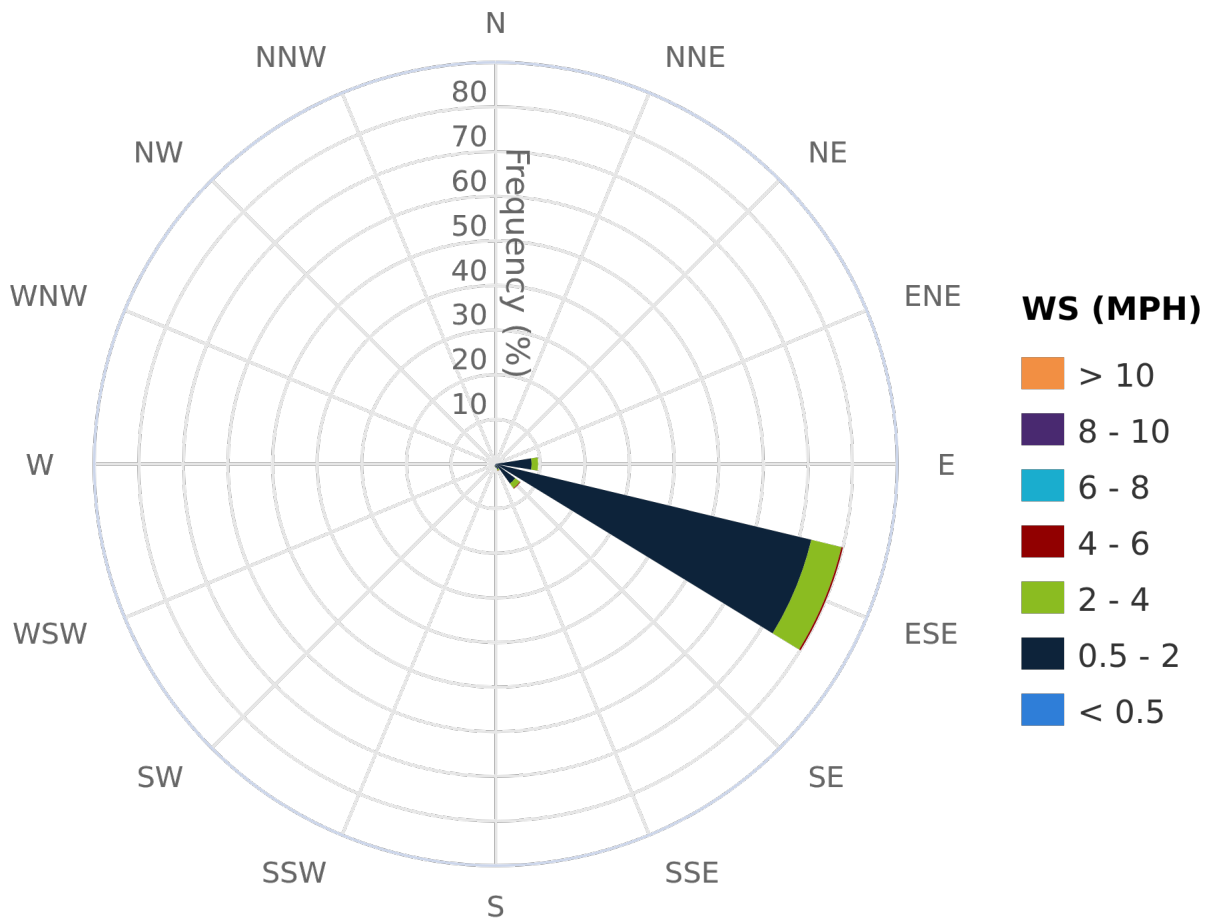


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2995

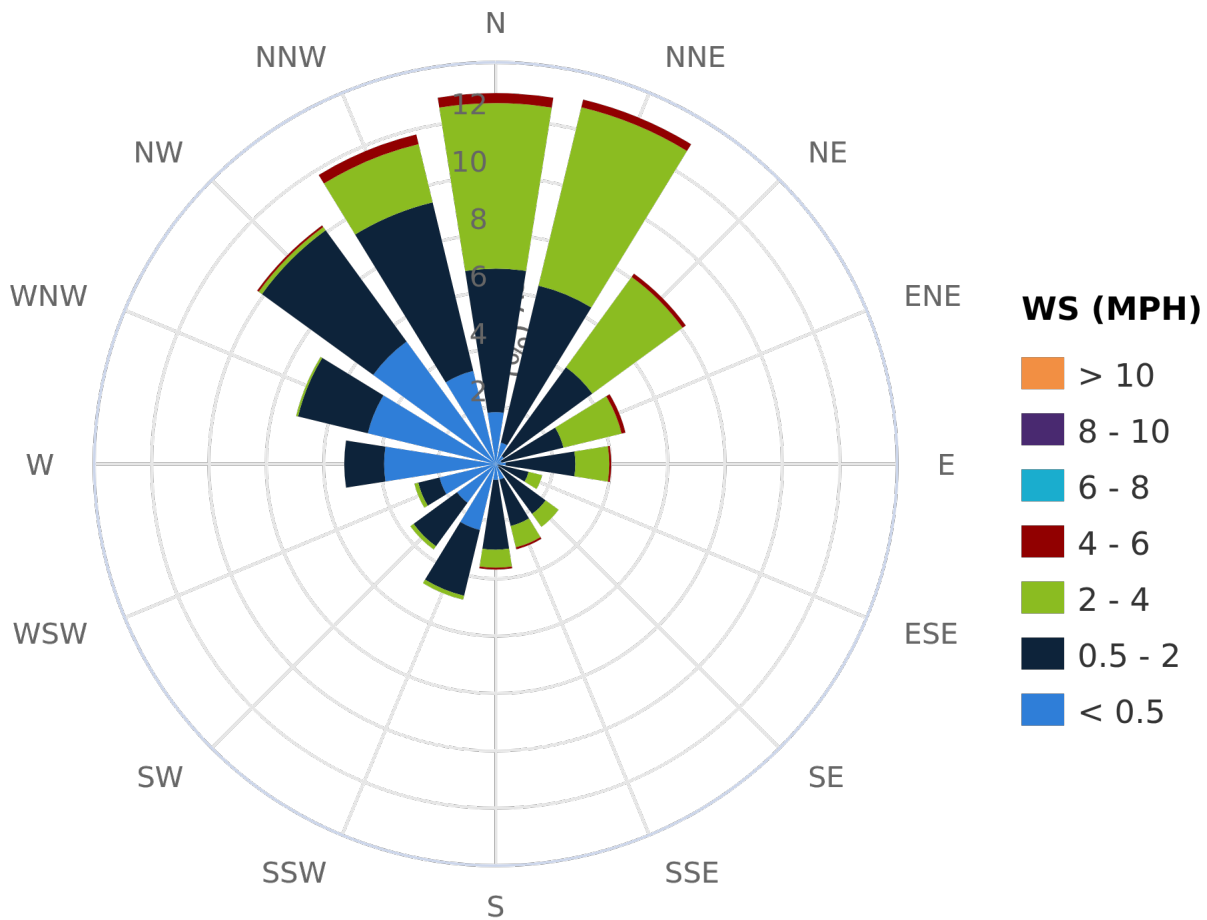


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

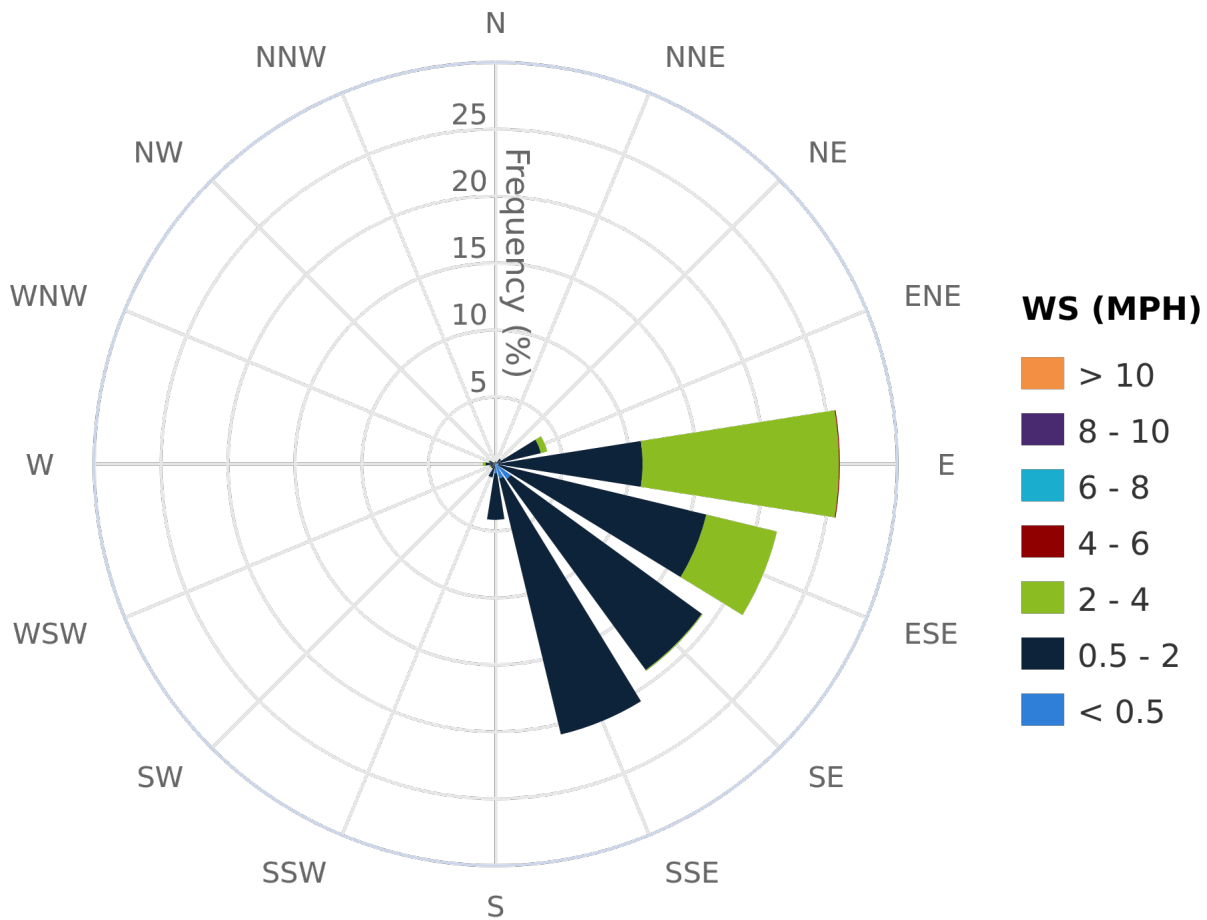


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

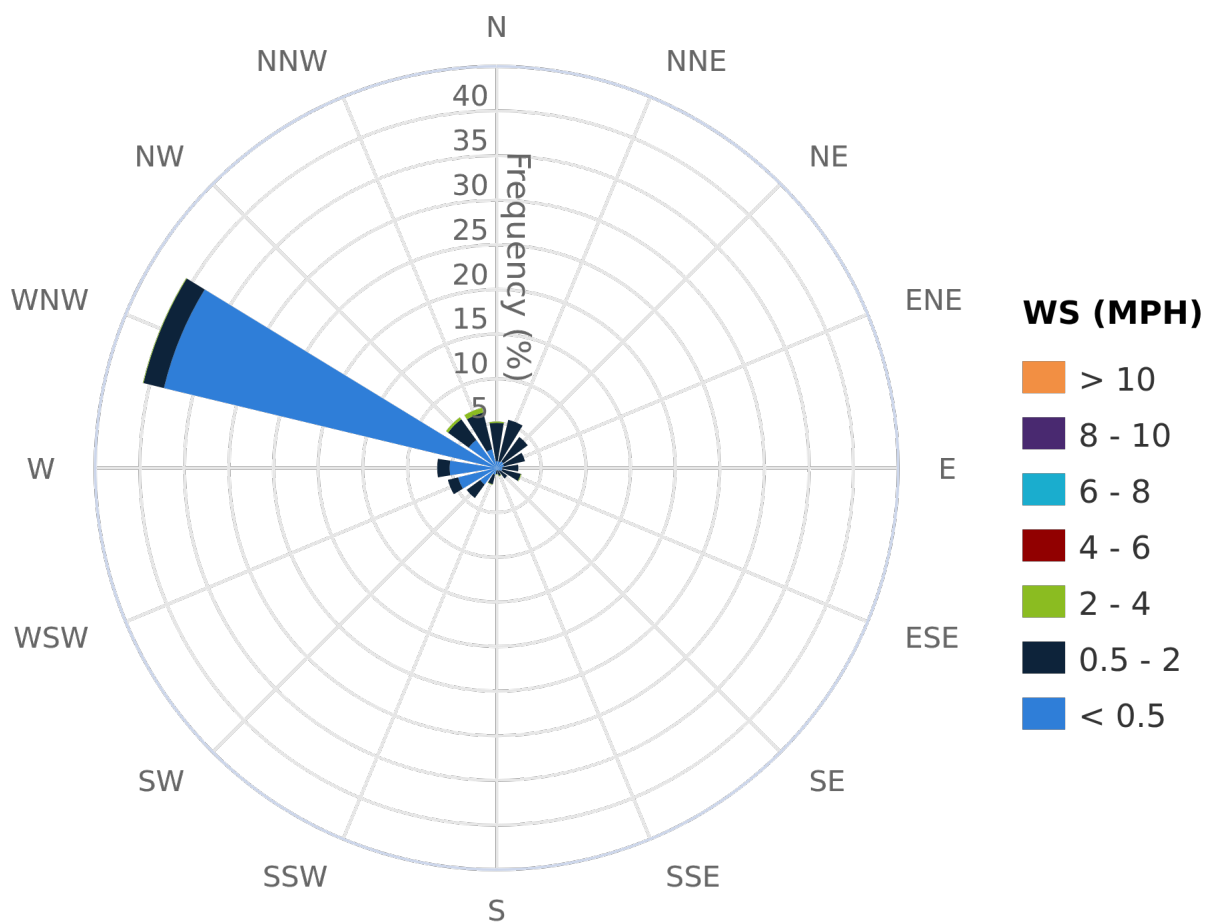


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

|          | Avg.<br>2943 -<br>PM10<br>(µg/m³) | Avg. 2995<br>- PM10<br>(µg/m³) | Avg.<br>2997 -<br>PM10<br>(µg/m³) | Avg. 2996<br>- PM10<br>(µg/m³) | Avg.<br>2943 -<br>PM2.5<br>(µg/m³) | Avg. 2995<br>- PM2.5<br>(µg/m³) | Avg.<br>2996 -<br>PM2.5<br>(µg/m³) | Avg.<br>2997 -<br>PM2.5<br>(µg/m³) | Avg. 2943<br>- H2S<br>(PPM) | Avg.<br>2995 -<br>H2S<br>(PPM) | Avg. 2996<br>- H2S<br>(PPM) | Avg.<br>2997 -<br>H2S<br>(PPM) |
|----------|-----------------------------------|--------------------------------|-----------------------------------|--------------------------------|------------------------------------|---------------------------------|------------------------------------|------------------------------------|-----------------------------|--------------------------------|-----------------------------|--------------------------------|
| 00:00:00 | 12.8                              | 44.1                           | 15.9                              | 12.3                           | 7.7                                | 39.1                            | 7.5                                | 7.6                                | -0.100                      | 0.000                          | 0.010                       | 0.000                          |
| 00:15:00 | 12.2                              | 43.5                           | 14.8                              | 12.4                           | 7.5                                | 38.8                            | 7.4                                | 7.7                                | -0.102                      | 0.000                          | 0.007                       | 0.000                          |
| 00:30:00 | 12.5                              | 44.0                           | 15.0                              | 12.6                           | 7.6                                | 39.0                            | 7.7                                | 8.0                                | -0.100                      | 0.000                          | 0.005                       | 0.000                          |
| 00:45:00 | 12.9                              | 42.4                           | 15.1                              | 12.7                           | 8.0                                | 38.0                            | 8.1                                | 8.1                                | -0.105                      | 0.000                          | 0.002                       | 0.000                          |
| 01:00:00 | 14.1                              | 42.5                           | 16.6                              | 12.9                           | 8.7                                | 38.1                            | 8.1                                | 8.7                                | -0.106                      | 0.000                          | 0.001                       | 0.000                          |
| 01:15:00 | 97.3                              | 40.1                           | 17.8                              | 12.6                           | 19.7                               | 35.6                            | 8.4                                | 8.6                                | -0.117                      | 0.000                          | 0.000                       | 0.000                          |
| 01:30:00 | 27.2                              | 40.1                           | 17.5                              | 13.2                           | 10.3                               | 36.1                            | 8.6                                | 8.4                                | -0.113                      | 0.000                          | 0.000                       | 0.000                          |
| 01:45:00 | 13.0                              | 38.3                           | 16.7                              | 13.5                           | 8.1                                | 34.4                            | 8.5                                | 8.2                                | -0.111                      | 0.000                          | 0.000                       | 0.000                          |
| 02:00:00 | 13.0                              | 37.6                           | 15.3                              | 13.5                           | 8.0                                | 33.6                            | 8.4                                | 8.5                                | -0.109                      | 0.000                          | 0.000                       | 0.000                          |
| 02:15:00 | 13.3                              | 40.3                           | 16.8                              | 14.1                           | 8.4                                | 35.8                            | 8.4                                | 8.4                                | -0.104                      | 0.000                          | 0.000                       | 0.000                          |
| 02:30:00 | 13.7                              | 39.1                           | 17.3                              | 15.0                           | 8.7                                | 34.8                            | 8.8                                | 9.5                                | -0.095                      | 0.000                          | 0.000                       | 0.000                          |
| 02:45:00 | 13.9                              | 40.2                           | 18.9                              | 15.2                           | 8.8                                | 36.4                            | 8.8                                | 11.5                               | -0.096                      | 0.000                          | 0.000                       | 0.000                          |
| 03:00:00 | 14.1                              | 38.8                           | 20.9                              | 16.3                           | 9.1                                | 35.2                            | 10.1                               | 13.5                               | -0.101                      | 0.000                          | 0.000                       | 0.000                          |
| 03:15:00 | 15.3                              | 38.7                           | 20.3                              | 17.3                           | 10.1                               | 34.3                            | 11.3                               | 13.5                               | -0.101                      | 0.000                          | 0.000                       | 0.000                          |
| 03:30:00 | 15.2                              | 38.6                           | 23.0                              | 16.1                           | 10.3                               | 34.9                            | 10.4                               | 13.1                               | -0.103                      | 0.000                          | 0.000                       | 0.000                          |
| 03:45:00 | 14.5                              | 38.8                           | 20.2                              | 17.4                           | 9.8                                | 34.8                            | 10.4                               | 12.2                               | -0.097                      | 0.000                          | 0.000                       | 0.000                          |
| 04:00:00 | 14.3                              | 37.8                           | 19.6                              | 17.9                           | 9.4                                | 34.1                            | 10.7                               | 12.0                               | -0.092                      | 0.000                          | 0.000                       | 0.000                          |
| 04:15:00 | 12.4                              | 37.7                           | 18.4                              | 19.3                           | 8.2                                | 34.2                            | 11.9                               | 11.4                               | -0.091                      | 0.000                          | 0.000                       | 0.000                          |
| 04:30:00 | 12.4                              | 37.0                           | 18.3                              | 17.9                           | 8.2                                | 33.5                            | 11.1                               | 10.8                               | -0.088                      | 0.000                          | 0.000                       | 0.000                          |
| 04:45:00 | 12.5                              | 37.6                           | 17.7                              | 17.7                           | 7.9                                | 34.0                            | 10.8                               | 10.4                               | -0.086                      | 0.000                          | 0.000                       | 0.000                          |
| 05:00:00 | 13.2                              | 36.6                           | 17.2                              | 18.7                           | 8.2                                | 33.0                            | 10.8                               | 10.3                               | -0.079                      | 0.000                          | 0.000                       | 0.000                          |
| 05:15:00 | 13.6                              | 36.2                           | 17.1                              | 18.9                           | 8.3                                | 32.2                            | 11.0                               | 10.3                               | -0.081                      | 0.000                          | 0.000                       | 0.000                          |
| 05:30:00 | 13.1                              | 35.9                           |                                   | 18.6                           | 8.3                                | 31.8                            | 10.7                               |                                    | -0.078                      | 0.000                          | 0.000                       |                                |
| 05:45:00 | 14.9                              | 34.7                           |                                   | 16.7                           | 8.8                                | 31.2                            | 10.2                               |                                    | -0.078                      | 0.000                          | 0.000                       |                                |
| 06:00:00 | 17.0                              | 35.6                           |                                   | 16.3                           | 8.8                                | 31.1                            | 9.8                                |                                    | -0.079                      | 0.000                          | 0.000                       |                                |
| 06:15:00 | 15.8                              | 35.8                           |                                   | 16.9                           | 8.8                                | 30.5                            | 9.9                                |                                    | -0.076                      | 0.000                          | 0.000                       |                                |
| 06:30:00 | 13.1                              | 35.1                           |                                   | 29.7                           | 8.4                                | 30.7                            | 12.0                               |                                    | -0.073                      | 0.000                          | 0.000                       |                                |
| 06:45:00 | 12.9                              | 35.9                           |                                   | 15.7                           | 8.2                                | 30.5                            | 9.3                                |                                    | -0.070                      | 0.000                          | 0.000                       |                                |
| 07:00:00 | 38.6                              | 34.3                           |                                   | 36.2                           | 11.0                               | 30.0                            | 12.9                               |                                    | -0.068                      | 0.000                          | 0.000                       |                                |
| 07:15:00 | 93.7                              | 33.8                           |                                   | 29.7                           | 17.1                               | 29.8                            | 11.4                               |                                    | -0.067                      | 0.000                          | 0.000                       |                                |
| 07:30:00 | 12.9                              | 35.7                           |                                   | 43.7                           | 7.7                                | 30.3                            | 15.3                               |                                    | -0.064                      | 0.000                          | 0.000                       |                                |
| 07:45:00 | 14.5                              | 36.1                           |                                   | 29.0                           | 8.0                                | 30.8                            | 11.2                               |                                    | -0.068                      | 0.000                          | 0.000                       |                                |
| 08:00:00 | 16.3                              | 38.7                           |                                   | 23.7                           | 8.2                                | 31.6                            | 10.0                               |                                    | -0.073                      | 0.000                          | 0.000                       |                                |
| 08:15:00 | 13.8                              | 38.5                           |                                   | 15.4                           | 8.1                                | 33.3                            | 8.6                                |                                    | -0.079                      | 0.000                          | 0.000                       |                                |
| 08:30:00 | 80.7                              | 44.3                           |                                   | 15.0                           | 16.2                               | 36.8                            | 8.5                                |                                    | -0.087                      | 0.000                          | 0.000                       |                                |
| 08:45:00 | 17.0                              | 51.2                           |                                   | 16.0                           | 8.7                                | 43.1                            | 8.6                                |                                    | -0.092                      | 0.000                          | 0.000                       |                                |
| 09:00:00 | 74.1                              | 47.5                           |                                   | 14.8                           | 14.3                               | 39.8                            | 8.2                                |                                    | -0.089                      | 0.000                          | 0.000                       |                                |
| 09:15:00 | 30.0                              | 44.4                           |                                   | 14.6                           | 10.2                               | 36.3                            | 7.9                                |                                    | -0.087                      | 0.000                          | 0.000                       |                                |
| 09:30:00 | 15.5                              | 41.2                           |                                   | 17.1                           | 7.5                                | 33.4                            | 8.1                                |                                    | -0.080                      | 0.000                          | 0.000                       |                                |
| 09:45:00 | 14.8                              | 38.2                           |                                   | 13.3                           | 6.7                                | 31.0                            | 6.9                                |                                    | -0.064                      | 0.000                          | 0.000                       |                                |
| 10:00:00 | 14.5                              | 36.0                           |                                   | 11.9                           | 6.6                                | 29.0                            | 6.3                                |                                    | -0.047                      | 0.000                          | 0.000                       |                                |
| 10:15:00 | 11.9                              | 32.3                           |                                   | 11.6                           | 5.8                                | 27.7                            | 6.0                                |                                    | -0.018                      | 0.003                          | 0.000                       |                                |
| 10:30:00 | 11.3                              | 35.1                           |                                   | 11.3                           | 5.7                                | 30.3                            | 5.8                                |                                    | 0.001                       | 0.015                          | 0.000                       |                                |
| 10:45:00 | 30.3                              | 39.5                           |                                   | 11.5                           | 7.4                                | 34.7                            | 5.8                                |                                    | 0.012                       | 0.025                          | 0.000                       |                                |
| 11:00:00 | 11.8                              | 43.9                           |                                   | 11.1                           | 5.7                                | 38.9                            | 5.7                                |                                    | 0.019                       | 0.033                          | 0.000                       |                                |
| 11:15:00 | 11.7                              | 47.0                           |                                   | 11.1                           | 5.7                                | 41.8                            | 5.7                                |                                    | 0.024                       | 0.039                          | 0.000                       |                                |
| 11:30:00 | 14.6                              | 53.5                           |                                   | 10.4                           | 5.8                                | 47.8                            | 5.6                                |                                    | 0.029                       | 0.042                          | 0.000                       |                                |
| 11:45:00 | 11.4                              | 56.4                           |                                   | 11.0                           | 5.6                                | 49.4                            | 5.8                                |                                    | 0.032                       | 0.039                          | 0.000                       |                                |



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Table 3 : 15 Minute Average Concentrations (AM)

|          | Avg.<br>2943 -<br>PM10<br>(µg/m³) | Avg. 2995<br>- PM10<br>(µg/m³) | Avg.<br>2997 -<br>PM10<br>(µg/m³) | Avg. 2996<br>- PM10<br>(µg/m³) | Avg.<br>2943 -<br>PM2.5<br>(µg/m³) | Avg. 2995<br>- PM2.5<br>(µg/m³) | Avg.<br>2996 -<br>PM2.5<br>(µg/m³) | Avg.<br>2997 -<br>PM2.5<br>(µg/m³) | Avg. 2943<br>- H2S<br>(PPM) | Avg.<br>2995 -<br>H2S<br>(PPM) | Avg. 2996<br>- H2S<br>(PPM) | Avg.<br>2997 -<br>H2S<br>(PPM) |
|----------|-----------------------------------|--------------------------------|-----------------------------------|--------------------------------|------------------------------------|---------------------------------|------------------------------------|------------------------------------|-----------------------------|--------------------------------|-----------------------------|--------------------------------|
| 12:00:00 | 11.6                              | 58.4                           |                                   | 11.3                           | 5.6                                | 49.0                            | 5.9                                |                                    | 0.029                       | 0.035                          | 0.000                       |                                |
| 12:15:00 | 10.6                              | 63.9                           |                                   | 12.3                           | 5.4                                | 52.6                            | 6.0                                |                                    | 0.028                       | 0.032                          | 0.000                       |                                |
| 12:30:00 | 10.9                              | 66.2                           |                                   | 12.5                           | 5.4                                | 53.2                            | 6.1                                |                                    | 0.023                       | 0.030                          | 0.000                       |                                |
| 12:45:00 | 12.3                              | 77.5                           |                                   | 11.8                           | 5.6                                | 50.7                            | 6.0                                |                                    | 0.007                       | 0.019                          | 0.000                       |                                |
| 13:00:00 | 10.6                              | 120.8                          |                                   | 12.1                           | 5.5                                | 32.8                            | 6.2                                |                                    | -0.019                      | 0.014                          | 0.000                       |                                |
| 13:15:00 | 15.3                              | 124.8                          | 12.2                              | 10.8                           | 6.4                                | 30.6                            | 6.2                                | 7.7                                | -0.053                      | 0.016                          | 0.000                       | 0.016                          |
| 13:30:00 | 11.9                              | 128.5                          | 11.7                              | 11.3                           | 5.9                                | 26.0                            | 6.4                                | 7.0                                | -0.090                      | 0.003                          | 0.000                       | 0.000                          |
| 13:45:00 | 10.5                              | 131.4                          | 11.0                              | 11.9                           | 5.7                                | 24.9                            | 6.4                                | 6.5                                | -0.129                      | 0.000                          | 0.000                       | 0.000                          |
| 14:00:00 | 10.0                              | 132.1                          | 9.8                               | 11.2                           | 5.5                                | 24.9                            | 6.0                                | 5.9                                | -0.208                      | 0.000                          | 0.000                       | 0.000                          |
| 14:15:00 | 10.1                              | 131.9                          | 9.6                               | 9.9                            | 5.4                                | 25.8                            | 6.0                                | 5.7                                | -0.245                      | 0.000                          | 0.000                       | 0.000                          |
| 14:30:00 | 16.0                              | 134.1                          | 9.6                               | 9.9                            | 5.8                                | 28.8                            | 5.8                                | 5.5                                | -0.283                      | 0.000                          | 0.000                       | 0.000                          |
| 14:45:00 | 9.0                               | 132.1                          | 9.0                               | 11.9                           | 5.0                                | 30.8                            | 6.0                                | 5.2                                | -0.322                      | 0.000                          | 0.000                       | 0.000                          |
| 15:00:00 | 9.0                               | 131.6                          | 8.5                               | 9.1                            | 4.9                                | 30.6                            | 5.5                                | 5.0                                | -0.375                      | 0.000                          | 0.000                       | 0.000                          |
| 15:15:00 | 11.2                              | 130.6                          | 8.1                               | 8.8                            | 5.2                                | 34.8                            | 5.4                                | 4.8                                | -0.446                      | 0.000                          | 0.000                       | 0.000                          |
| 15:30:00 | 14.2                              | 130.3                          | 8.1                               | 8.7                            | 5.4                                | 39.2                            | 5.2                                | 4.8                                | -0.508                      | 0.000                          | 0.000                       | 0.000                          |
| 15:45:00 | 46.9                              |                                | 8.2                               | 8.8                            | 7.9                                |                                 | 5.3                                | 4.9                                | -0.533                      | 0.000                          | 0.000                       | 0.000                          |
| 16:00:00 | 18.9                              | 183.8                          | 7.8                               | 8.4                            | 5.8                                | 67.2                            | 5.3                                | 4.7                                | -0.580                      | 0.000                          | 0.000                       | 0.000                          |
| 16:15:00 | 12.9                              | 116.8                          | 8.3                               | 8.4                            | 5.4                                | 57.9                            | 5.3                                | 4.9                                | -0.567                      | 0.000                          | 0.000                       | 0.000                          |
| 16:30:00 | 9.7                               | 129.0                          | 9.8                               | 10.6                           | 5.2                                | 51.9                            | 6.2                                | 5.5                                | -0.500                      | 0.000                          | 0.000                       | 0.000                          |
| 16:45:00 | 9.6                               | 134.2                          | 9.4                               | 10.0                           | 5.2                                | 48.9                            | 6.0                                | 5.5                                | -0.463                      | 0.000                          | 0.000                       | 0.000                          |
| 17:00:00 | 9.3                               | 134.4                          | 9.0                               | 11.3                           | 5.2                                | 48.9                            | 6.2                                | 5.4                                | -0.452                      | 0.000                          | 0.000                       | 0.000                          |
| 17:15:00 | 53.3                              | 138.1                          | 9.0                               | 9.8                            | 10.7                               | 44.3                            | 5.9                                | 5.3                                | -0.412                      | 0.000                          | 0.000                       | 0.000                          |
| 17:30:00 | 11.8                              | 136.3                          | 9.4                               | 10.2                           | 5.4                                | 48.8                            | 6.0                                | 5.5                                | -0.396                      | 0.000                          | 0.000                       | 0.000                          |
| 17:45:00 | 20.2                              | 138.9                          | 9.8                               | 10.3                           | 6.6                                | 43.7                            | 6.1                                | 5.5                                | -0.372                      | 0.000                          | 0.000                       | 0.000                          |
| 18:00:00 | 77.3                              | 140.4                          | 10.0                              | 10.6                           | 11.1                               | 36.8                            | 6.0                                | 5.5                                | -0.321                      | 0.000                          | 0.000                       | 0.000                          |
| 18:15:00 | 25.6                              | 141.9                          | 9.7                               | 10.9                           | 7.4                                | 37.0                            | 6.1                                | 5.4                                | -0.263                      | 0.000                          | 0.000                       | 0.000                          |
| 18:30:00 | 10.9                              | 142.5                          | 10.7                              | 11.6                           | 5.6                                | 34.9                            | 6.4                                | 5.8                                | -0.178                      | 0.004                          | 0.000                       | 0.000                          |
| 18:45:00 | 16.1                              | 141.9                          | 11.3                              | 12.3                           | 6.4                                | 33.2                            | 6.8                                | 6.1                                | -0.106                      | 0.016                          | 0.000                       | 0.000                          |
| 19:00:00 | 34.0                              | 144.2                          | 15.9                              | 13.0                           | 9.4                                | 34.4                            | 6.8                                | 6.5                                | -0.049                      | 0.019                          | 0.000                       | 0.003                          |
| 19:15:00 | 13.3                              | 142.3                          | 14.1                              | 12.8                           | 6.4                                | 32.7                            | 6.9                                | 6.5                                | -0.011                      | 0.026                          | 0.000                       | 0.005                          |
| 19:30:00 | 13.1                              | 142.3                          | 13.9                              | 12.4                           | 6.5                                | 33.2                            | 6.9                                | 6.6                                | 0.021                       | 0.026                          | 0.010                       | 0.010                          |
| 19:45:00 | 52.5                              | 141.6                          | 15.4                              | 12.2                           | 12.3                               | 32.5                            | 6.9                                | 6.7                                | 0.048                       | 0.024                          | 0.047                       | 0.017                          |
| 20:00:00 | 11.8                              | 141.4                          | 11.8                              | 11.8                           | 6.5                                | 31.5                            | 6.9                                | 6.6                                | 0.054                       | 0.026                          | 0.060                       | 0.018                          |
| 20:15:00 | 11.6                              | 140.2                          | 11.5                              | 11.3                           | 6.5                                | 31.1                            | 6.7                                | 6.5                                | 0.050                       | 0.018                          | 0.070                       | 0.019                          |
| 20:30:00 | 12.3                              | 137.8                          | 11.5                              | 11.5                           | 6.5                                | 29.1                            | 6.7                                | 6.5                                | 0.043                       | 0.011                          | 0.073                       | 0.019                          |
| 20:45:00 | 12.1                              | 139.0                          | 11.9                              | 11.7                           | 6.6                                | 30.5                            | 6.8                                | 6.7                                | 0.034                       | 0.004                          | 0.073                       | 0.015                          |
| 21:00:00 | 12.4                              | 139.0                          | 13.7                              | 11.8                           | 6.8                                | 31.1                            | 6.9                                | 6.9                                | 0.023                       | 0.001                          | 0.068                       | 0.010                          |
| 21:15:00 | 12.6                              | 138.6                          | 16.7                              | 11.9                           | 6.9                                | 30.3                            | 7.0                                | 7.2                                | 0.006                       | 0.000                          | 0.064                       | 0.007                          |
| 21:30:00 | 12.9                              | 138.6                          | 11.8                              | 11.7                           | 6.9                                | 30.5                            | 6.9                                | 6.8                                | -0.010                      | 0.000                          | 0.055                       | 0.003                          |
| 21:45:00 | 12.2                              | 137.3                          | 12.1                              | 11.9                           | 6.9                                | 32.3                            | 7.0                                | 6.7                                | -0.024                      | 0.000                          | 0.049                       | 0.000                          |
| 22:00:00 | 12.6                              | 133.5                          | 14.4                              | 12.0                           | 7.0                                | 33.0                            | 7.3                                | 7.1                                | -0.036                      | 0.000                          | 0.045                       | 0.000                          |
| 22:15:00 | 11.6                              | 130.1                          | 15.5                              | 11.6                           | 6.7                                | 33.7                            | 6.8                                | 7.2                                | -0.044                      | 0.000                          | 0.039                       | 0.000                          |
| 22:30:00 | 11.7                              | 124.3                          | 14.2                              | 12.0                           | 6.9                                | 34.8                            | 6.8                                | 7.2                                | -0.050                      | 0.000                          | 0.034                       | 0.000                          |
| 22:45:00 | 11.9                              | 118.5                          | 14.3                              | 12.0                           | 6.9                                | 34.8                            | 6.9                                | 7.1                                | -0.059                      | 0.000                          | 0.026                       | 0.000                          |
| 23:00:00 | 11.7                              | 116.0                          | 15.1                              | 12.2                           | 7.1                                | 34.7                            | 6.9                                | 7.1                                | -0.071                      | 0.000                          | 0.019                       | 0.000                          |
| 23:15:00 | 12.3                              | 109.6                          | 14.2                              | 12.0                           | 7.3                                | 36.5                            | 7.0                                | 7.3                                | -0.083                      | 0.000                          | 0.013                       | 0.000                          |
| 23:30:00 | 12.3                              | 106.3                          | 15.2                              | 12.6                           | 7.3                                | 36.5                            | 7.2                                | 7.5                                | -0.088                      | 0.000                          | 0.006                       | 0.000                          |
| 23:45:00 | 12.4                              | 107.5                          | 12.8                              | 12.0                           | 7.5                                | 35.6                            | 7.2                                | 7.5                                | -0.097                      | 0.000                          | 0.004                       | 0.000                          |



# DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-09-16

Table 4 : Summary of Exceedances (greater than Action Level) -

| Minute of<br>15-min intv | Avg.<br>2943 -<br>PM10<br>(µg/m³) | Avg.<br>2995 -<br>PM10<br>(µg/m³) | Avg.<br>2996 -<br>PM10<br>(µg/m³) | Avg.<br>2997 -<br>PM10<br>(µg/m³) | Avg.<br>2943 -<br>PM2.5<br>(µg/m³) | Avg.<br>2995 -<br>PM2.5<br>(µg/m³) | Avg.<br>2996 -<br>PM2.5<br>(µg/m³) | Avg.<br>2997 -<br>PM2.5<br>(µg/m³) | Avg.<br>2943 -<br>H2S<br>(PPM) | Avg.<br>2995 -<br>H2S<br>(PPM) | Avg.<br>2996 -<br>H2S<br>(PPM) | Avg.<br>2997 -<br>H2S<br>(PPM) |
|--------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| 00:00:00                 |                                   |                                   |                                   |                                   | 39.1                               |                                    |                                    |                                    |                                |                                |                                |                                |
| 00:15:00                 |                                   |                                   |                                   |                                   | 38.8                               |                                    |                                    |                                    |                                |                                |                                |                                |
| 00:30:00                 |                                   |                                   |                                   |                                   | 39.0                               |                                    |                                    |                                    |                                |                                |                                |                                |
| 00:45:00                 |                                   |                                   |                                   |                                   | 38.0                               |                                    |                                    |                                    |                                |                                |                                |                                |
| 01:00:00                 |                                   |                                   |                                   |                                   | 38.1                               |                                    |                                    |                                    |                                |                                |                                |                                |
| 01:15:00                 |                                   |                                   |                                   |                                   | 35.6                               |                                    |                                    |                                    |                                |                                |                                |                                |
| 01:30:00                 |                                   |                                   |                                   |                                   | 36.1                               |                                    |                                    |                                    |                                |                                |                                |                                |
| 02:15:00                 |                                   |                                   |                                   |                                   | 35.8                               |                                    |                                    |                                    |                                |                                |                                |                                |
| 02:45:00                 |                                   |                                   |                                   |                                   | 36.4                               |                                    |                                    |                                    |                                |                                |                                |                                |
| 03:00:00                 |                                   |                                   |                                   |                                   | 35.2                               |                                    |                                    |                                    |                                |                                |                                |                                |
| 08:30:00                 |                                   |                                   |                                   |                                   | 36.8                               |                                    |                                    |                                    |                                |                                |                                |                                |
| 08:45:00                 |                                   |                                   |                                   |                                   | 43.1                               |                                    |                                    |                                    |                                |                                |                                |                                |
| 09:00:00                 |                                   |                                   |                                   |                                   | 39.8                               |                                    |                                    |                                    |                                |                                |                                |                                |
| 09:15:00                 |                                   |                                   |                                   |                                   | 36.3                               |                                    |                                    |                                    |                                |                                |                                |                                |
| 11:00:00                 |                                   |                                   |                                   |                                   | 38.9                               |                                    |                                    |                                    |                                |                                |                                |                                |
| 11:15:00                 |                                   |                                   |                                   |                                   | 41.8                               |                                    |                                    |                                    |                                |                                |                                |                                |
| 11:30:00                 |                                   |                                   |                                   |                                   | 47.8                               |                                    |                                    |                                    |                                |                                |                                |                                |
| 11:45:00                 |                                   |                                   |                                   |                                   | 49.4                               |                                    |                                    |                                    |                                |                                |                                |                                |
| 12:00:00                 |                                   |                                   |                                   |                                   | 49.0                               |                                    |                                    |                                    |                                |                                |                                |                                |
| 12:15:00                 |                                   |                                   |                                   |                                   | 52.6                               |                                    |                                    |                                    |                                |                                |                                |                                |
| 12:30:00                 |                                   |                                   |                                   |                                   | 53.2                               |                                    |                                    |                                    |                                |                                |                                |                                |
| 12:45:00                 |                                   |                                   |                                   |                                   | 50.7                               |                                    |                                    |                                    |                                |                                |                                |                                |
| 15:30:00                 |                                   |                                   |                                   |                                   | 39.2                               |                                    |                                    |                                    |                                |                                |                                |                                |
| 16:00:00                 |                                   | 183.8                             |                                   |                                   | 67.2                               |                                    |                                    |                                    |                                |                                |                                |                                |
| 16:15:00                 |                                   |                                   |                                   |                                   | 57.9                               |                                    |                                    |                                    |                                |                                |                                |                                |
| 16:30:00                 |                                   |                                   |                                   |                                   | 51.9                               |                                    |                                    |                                    |                                |                                |                                |                                |
| 16:45:00                 |                                   |                                   |                                   |                                   | 48.9                               |                                    |                                    |                                    |                                |                                |                                |                                |
| 17:00:00                 |                                   |                                   |                                   |                                   | 48.9                               |                                    |                                    |                                    |                                |                                |                                |                                |
| 17:15:00                 |                                   |                                   |                                   |                                   | 44.3                               |                                    |                                    |                                    |                                |                                |                                |                                |
| 17:30:00                 |                                   |                                   |                                   |                                   | 48.8                               |                                    |                                    |                                    |                                |                                |                                |                                |
| 17:45:00                 |                                   |                                   |                                   |                                   | 43.7                               |                                    |                                    |                                    |                                |                                |                                |                                |
| 18:00:00                 |                                   |                                   |                                   |                                   | 36.8                               |                                    |                                    |                                    |                                |                                |                                |                                |
| 18:15:00                 |                                   |                                   |                                   |                                   | 37.0                               |                                    |                                    |                                    |                                |                                |                                |                                |
| 23:15:00                 |                                   |                                   |                                   |                                   | 36.5                               |                                    |                                    |                                    |                                |                                |                                |                                |
| 23:30:00                 |                                   |                                   |                                   |                                   | 36.5                               |                                    |                                    |                                    |                                |                                |                                |                                |
| 23:45:00                 |                                   |                                   |                                   |                                   | 35.6                               |                                    |                                    |                                    |                                |                                |                                |                                |