



**Arbor Hills Landfill**  
**Weekly Community Locations Scentometer Readings**  
**March 11-March 17, 2019**

| Locations                            | 03-11 Mon |      | 03-12 Tue |       | 03-13 Wed |       | 03-14 Thu |      | 03-15 Fri |      | 03-16 Sat |      | 03-17 Sun |      | Average |      | All |  |
|--------------------------------------|-----------|------|-----------|-------|-----------|-------|-----------|------|-----------|------|-----------|------|-----------|------|---------|------|-----|--|
|                                      | a.m.      | p.m. | a.m.      | p.m.  | a.m.      | p.m.  | a.m.      | p.m. | a.m.      | p.m. | a.m.      | p.m. | a.m.      | p.m. | a.m.    | p.m. |     |  |
| Wind Direction                       | W/SW      | WNW  | WNW       | S/SSE | SE        | SSE/E | S/ESE     | S/SE | WSW       | WSW  | WSW       | WNW  | SW        | WSW  |         |      |     |  |
| <b>Downwind Scentometer Readings</b> |           |      |           |       |           |       |           |      |           |      |           |      |           |      |         |      |     |  |
| Mulberry Ct. & Mulberry Way          | C-1       | 0    | 0         | 0     | -         | -     | -         | -    | 0         | 0    | 0         | <2   | 0         | 0    | 0.0     | 0.5  | 0.2 |  |
| Boulder & Parkside Dr.               | C-2       | <2   | 0         | 0     | -         | -     | -         | -    | 0         | <2   | 0         | 0    | 0         | <2   | 0.4     | 1.0  | 0.7 |  |
| Entrance to Steeplechase             | C-3       | 0    | 0         | 0     | -         | -     | -         | -    | 0         | 0    | 0         | 0    | 0         | <2   | 0.0     | 0.5  | 0.2 |  |
| Ridgewood Elementary School          | C-4       | <2   | 0         | 0     | -         | -     | -         | -    | 0         | 0    | 0         | 0    | 0         | 0    | 0.4     | 0.0  | 0.2 |  |
| Waterway Pk on Ridgeway Dr.          | C-5       | 0    | -         | -     | -         | -     | -         | -    | 0         | 0    | 0         | -    | 0         | 0    | 0.0     | 0.0  | 0.0 |  |
| Bayberry Way & Rose Terrace          | C-6       | 0    | -         | -     | -         | -     | -         | -    | 0         | 0    | 0         | -    | 0         | 0    | 0.0     | 0.0  | 0.0 |  |
| NW Corner of Briar Ridge Ln.         | C-7       | 0    | -         | -     | -         | -     | -         | -    | 0         | 0    | 0         | -    | 0         | 0    | 0.0     | 0.0  | 0.0 |  |
| Brier Ridge Ln. & Trail Entrance     | C-8       | 0    | -         | -     | -         | -     | -         | -    | 0         | 0    | 0         | -    | 0         | 0    | 0.0     | 0.0  | 0.0 |  |
| SW Corner of Ridgeway Dr.            | C-9       | 0    | 0         | 0     | -         | -     | -         | -    | <2        | 0    | 0         | 0    | <2        | 0    | 0.8     | 0.0  | 0.4 |  |
| Napier & Last Drive                  | C-10      | -    | 0         | 0     | -         | -     | -         | -    | -         | -    | -         | 0    | -         | -    | 0.0     | 0.0  | 0.0 |  |
| Salem Rd. & Jessica J Ln             | C-11      | -    | -         | -     | -         | -     | -         | -    | -         | -    | -         | -    | -         | -    | -       | -    | -   |  |
| 6 Mile & Pearl Street                | C-12      | -    | -         | -     | 0         | 0     | 0         | 0    | 0         | -    | -         | -    | -         | -    | 0.0     | 0.0  | 0.0 |  |
| Tamarack Trail                       | C-13      | 0    | 0         | 0     | -         | -     | -         | -    | <2        | 0    | 0         | 0    | 0         | <2   | 0.4     | 0.5  | 0.4 |  |
| Starlite Run                         | C-14      | 0    | 0         | 0     | -         | -     | -         | -    | <2        | 0    | 0         | 0    | 0         | 0    | 0.4     | 0.0  | 0.2 |  |
| Northstar Way                        | C-15      | 0    | 0         | 0     | -         | -     | -         | -    | 0         | 0    | 0         | 0    | 0         | 0    | 0.0     | 0.0  | 0.0 |  |
| Northville High School               | C-16      | 0    | 0         | 0     | -         | -     | -         | -    | 0         | 0    | 0         | 0    | 0         | 0    | 0.0     | 0.0  | 0.0 |  |
| 17877 Briar Ridge                    | C-20      | 0    | -         | -     | -         | -     | -         | -    | 0         | 0    | 0         | -    | 0         | 0    | 0.0     | 0.0  | 0.0 |  |
| Seven Mile & Ridge Road              | C-21      | 0    | -         | -     | -         | -     | -         | -    | 0         | 0    | 0         | -    | 0         | 0    | 0.0     | 0.0  | 0.0 |  |
| Seven Mile & Napier Road             | C-22      | 0    | -         | -     | -         | -     | -         | -    | 0         | 0    | 0         | -    | 0         | 0    | 0.0     | 0.0  | 0.0 |  |
| Ridgewood Ct. & Mulberry Way         | C-23      | 0    | 0         | <2    | -         | -     | -         | -    | 0         | 0    | 0         | 0    | 0         | 0    | 3.4     | 0.0  | 0.2 |  |
| 16446 Johnson Creek Drive            | C-24      | 0    | 0         | 0     | -         | -     | -         | -    | 0         | 0    | 0         | 0    | 0         | 0    | 0.0     | 0.0  | 0.0 |  |
| <b>Upwind Scentometer Readings</b>   |           |      |           |       |           |       |           |      |           |      |           |      |           |      |         |      |     |  |
| Mulberry Ct. & Mulberry Way          | C-1       | -    | -         | -     | 0         | 0     | 0         | 0    | 0         | -    | -         | -    | -         | -    | 0.0     | 0.0  | 0.0 |  |
| Boulder & Parkside Dr.               | C-2       | -    | -         | -     | 0         | 0     | 0         | 0    | 0         | -    | -         | -    | -         | -    | 0.0     | 0.0  | 0.0 |  |
| Entrance to Steeplechase             | C-3       | -    | -         | -     | 0         | 0     | 0         | 0    | 0         | -    | -         | -    | -         | -    | 0.0     | 0.0  | 0.0 |  |
| Ridgewood Elementary School          | C-4       | -    | -         | -     | 0         | 0     | 0         | 0    | 0         | -    | -         | -    | -         | -    | 0.0     | 0.0  | 0.0 |  |
| Waterway Park on Ridgeway            | C-5       | -    | 0         | 0     | 0         | 0     | 0         | 0    | 0         | -    | -         | -    | 0         | -    | 0.0     | 0.0  | 0.0 |  |
| Bayberry Way & Rose Terrace          | C-6       | -    | 0         | 0     | 0         | 0     | 0         | 0    | 0         | -    | -         | -    | 0         | -    | 0.0     | 0.0  | 0.0 |  |
| NW Corner of Briar Ridge Ln.         | C-7       | -    | 0         | 0     | 0         | 0     | 0         | 0    | 0         | -    | -         | -    | 0         | -    | 0.0     | 0.0  | 0.0 |  |
| Brier Ridge Ln. & Trail Entrance     | C-8       | -    | 0         | 0     | 0         | 0     | 0         | 0    | 0         | -    | -         | -    | 0         | -    | 0.0     | 0.0  | 0.0 |  |
| SW Corner of Ridgeway Dr.            | C-9       | -    | -         | -     | 0         | 0     | 0         | 0    | 0         | -    | -         | -    | -         | -    | 0.0     | 0.0  | 0.0 |  |
| Napier & Last Drive                  | C-10      | 0    | -         | -     | 0         | 0     | 0         | 0    | 0         | 0    | 0         | -    | 0         | 0    | 0.0     | 0.0  | 0.0 |  |
| Salem Rd. & Jessica J Ln             | C-11      | 0    | 0         | 0     | 0         | 0     | 0         | 0    | 0         | 0    | 0         | 0    | 0         | 0    | 0.0     | 0.0  | 0.0 |  |
| 6 Mile & Pearl Street                | C-12      | 0    | 0         | 0     | -         | -     | -         | -    | 0         | 0    | 0         | 0    | 0         | 0    | 0.0     | 0.0  | 0.0 |  |
| Tamarack Trail                       | C-13      | -    | -         | -     | 0         | 0     | 0         | 0    | 0         | -    | -         | -    | -         | -    | 0.0     | 0.0  | 0.0 |  |
| Starlite Run                         | C-14      | -    | -         | -     | 0         | 0     | 0         | 0    | 0         | -    | -         | -    | -         | -    | 0.0     | 0.0  | 0.0 |  |
| Northstar Way                        | C-15      | -    | -         | -     | 0         | 0     | 0         | 0    | 0         | -    | -         | -    | -         | -    | 0.0     | 0.0  | 0.0 |  |
| Northville High School               | C-16      | -    | -         | -     | 0         | 0     | 0         | 0    | 0         | -    | -         | -    | -         | -    | 0.0     | 0.0  | 0.0 |  |
| 17877 Briar Ridge                    | C-20      | -    | 0         | 0     | 0         | 0     | 0         | 0    | 0         | -    | -         | -    | 0         | -    | 0.0     | 0.0  | 0.0 |  |
| Seven Mile & Ridge Road              | C-21      | -    | 0         | 0     | 0         | 0     | 0         | 0    | 0         | -    | -         | -    | 0         | -    | 0.0     | 0.0  | 0.0 |  |
| Seven Mile & Napier Road             | C-22      | -    | 0         | 0     | 0         | 0     | 0         | 0    | 0         | -    | -         | -    | 0         | -    | 0.0     | 0.0  | 0.0 |  |
| Ridgewood Ct. & Mulberry Way         | C-23      | -    | -         | -     | 0         | 0     | 0         | 0    | 0         | -    | -         | -    | -         | -    | 0.0     | 0.0  | 0.0 |  |
| 16446 Johnson Creek Drive            | C-24      | -    | -         | -     | 0         | 0     | 0         | 0    | 0         | -    | -         | -    | -         | -    | 0.0     | 0.0  | 0.0 |  |

Landfill Gas    
  Fresh Garbage    
  Compost  
 Leachate    
  Other (non landfill related odor)

03/11/19 a.m. - P-4 - Burning Wood  
 03/17/19 p.m. - C-2/C-13 - Laundry Detergent

| Number of Odor Complaints | 03-11 Mon | 03-12 Tue | 03-13 Wed | 03-14 Thu | 03-15 Fri | 03-16 Sat | 03-17 Sun |
|---------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|                           | 1         | 8         | 1         | 2         | 1         | 1         | 15        |

\*Note: No odor readings were taken at locations C-6, C-7, C-8, C-9, C-13, C-14, C-15, C-20, C-22 and C-24 on March 14th p.m., due tornado warning and severe weather alert, indicating unsafe working conditions.



**Arbor Hills Landfill**  
**Weekly Perimeter Locations Scentometer Readings**  
**March 11-March 17, 2019**

| Locations                            | 03-11 Mon |      | 03-12 Tue |       | 03-13 Wed |       | 03-14 Thu |      | 03-15 Fri |      | 03-16 Sat |      | 03-17 Sun |      | Average |      |     |  |
|--------------------------------------|-----------|------|-----------|-------|-----------|-------|-----------|------|-----------|------|-----------|------|-----------|------|---------|------|-----|--|
|                                      | a.m.      | p.m. | a.m.      | p.m.  | a.m.      | p.m.  | a.m.      | p.m. | a.m.      | p.m. | a.m.      | p.m. | a.m.      | p.m. | a.m.    | p.m. | All |  |
| <b>Wind Direction</b>                | W/SW      | WNW  | WNW       | S/SSE | SE        | SSE/E | S/ESE     | S/SE | WSW       | WSW  | WSW       | WNW  | SW        | WSW  |         |      |     |  |
| <b>Downwind Scentometer Readings</b> |           |      |           |       |           |       |           |      |           |      |           |      |           |      |         |      |     |  |
| Napier Rd & Entrance to GLR          | P-1       | 0    | < 2       | 0     | -         | -     | -         | -    | 0         | 0    | 0         | 0    | 0         | 0    | 0.0     | 0.5  | 0.2 |  |
| 5 Mile Rd & Entr to Energy Ctr.      | P-2       | -    | 0         | 0     | -         | -     | -         | -    | -         | -    | -         | 0    | -         | -    | 0.0     | 0.0  | 0.0 |  |
| 5 Mile Rd & Utility Corridor         | P-3       | -    | -         | -     | -         | -     | -         | -    | -         | -    | -         | -    | -         | -    | -       | -    | -   |  |
| 6 Mile Rd & NW Corner of LF          | P-4       | -    | -         | -     | -         | < 2   | < 2       | < 2  | 0         | -    | -         | -    | -         | -    | 2.0     | 1.0  | 1.5 |  |
| 6 Mile Rd & LF Office                | P-5       | 0    | 0         | 0     | < 2       | 0     | < 2       | < 2  | < 2       | < 2  | 0         | 0    | 0         | < 2  | 0.9     | 0.9  | 0.9 |  |
| 6 Mile Rd & Napier Rd                | P-6       | 0    | 0         | 0     | < 2       | 0     | -         | -    | < 2       | 0    | 0         | < 2  | < 2       | 0    | 0.8     | 0.7  | 0.7 |  |
| Napier & Private Road                | P-7       | < 2  | < 2       | < 2   | < 2       | -     | -         | -    | 0         | 0    | < 2       | < 2  | 0         | 0    | 1.2     | 1.2  | 1.2 |  |
| Napier & Railroad                    | P-8       | 0    | 0         | 0     | < 2       | -     | -         | < 2  | < 2       | 0    | 0         | 0    | 0         | 0    | 0.7     | 0.7  | 0.7 |  |
| Napier & Entr to Composting          | P-9       | 0    | -         | -     | < 2       | -     | -         | -    | < 2       | 0    | 0         | -    | 0         | 0    | 0.5     | 0.7  | 0.6 |  |
| <b>Upwind Scentometer Readings</b>   |           |      |           |       |           |       |           |      |           |      |           |      |           |      |         |      |     |  |
| Napier Rd & Entrance to GLR          | P-1       | -    | -         | -     | 0         | 0     | 0         | 0    | 0         | -    | -         | -    | -         | -    | 0.0     | 0.0  | 0.0 |  |
| 5 Mile Rd & Entr to Energy Ctr.      | P-2       | 0    | -         | -     | 0         | 0     | 0         | 0    | 0         | 0    | 0         | 0    | 0         | 0    | 0.0     | 0.0  | 0.0 |  |
| 5 Mile Rd & Utility Corridor         | P-3       | 0    | 0         | 0     | 0         | 0     | 0         | 0    | 0         | 0    | 0         | 0    | 0         | 0    | 0.0     | 0.0  | 0.0 |  |
| 6 Mile Rd & NW Corner of LF          | P-4       | < 2  | 0         | 0     | 0         | -     | -         | -    | 0         | 0    | 0         | 0    | 0         | 0    | 0.4     | 0.0  | 0.2 |  |
| 6 Mile Rd & LF Office                | P-5       | -    | -         | -     | -         | -     | -         | -    | -         | -    | -         | -    | -         | -    | -       | -    | -   |  |
| 6 Mile Rd & Napier Rd                | P-6       | -    | -         | -     | -         | 0     | -         | 0    | 0         | -    | -         | -    | -         | -    | 0.0     | 0.0  | 0.0 |  |
| Napier & Private Road                | P-7       | -    | -         | -     | -         | 0     | 0         | 0    | 0         | -    | -         | -    | -         | -    | 0.0     | 0.0  | 0.0 |  |
| Napier & Railroad                    | P-8       | -    | -         | -     | -         | 0     | 0         | -    | -         | -    | -         | -    | -         | -    | 0.0     | 0.0  | 0.0 |  |
| Napier & Entr to Composting          | P-9       | -    | 0         | 0     | -         | 0     | 0         | 0    | 0         | -    | -         | -    | 0         | -    | 0.0     | 0.0  | 0.0 |  |

Landfill Gas    
  Fresh Garbage    
  Compost  
 Leachate    
 Other (non landfill related odor)

03/11/19 a.m. - P-4 - Burning Wood  
 03/17/19 p.m. - C-2/C-13 - Laundry Detergent

| Number of Odor Complaints | 03-11 Mon | 03-12 Tue | 03-13 Wed | 03-14 Thu | 03-15 Fri | 03-16 Sat | 03-17 Sun |
|---------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|                           |           | 1         | 8         | 1         | 2         | 1         | 1         |

\*Note: No odor readings were taken at locations C-6, C-7, C-8, C-9, C-13, C-14, C-15, C-20, C-22 and C-24 on March 14th p.m., due tornado warning and severe weather alert, indicating unsafe working conditions.



| RK No            | Location                         |
|------------------|----------------------------------|
| <b>Perimeter</b> |                                  |
| P-1              | Napier Rd & Entrance to GLR      |
| P-2              | 5 Mile Rd & Entr to Energy Ctr.  |
| P-3              | 5 Mile Rd & Utility Corridor     |
| P-4              | 6 Mile Rd & NW Corner of LF      |
| P-5              | 6 Mile Rd & LF Office            |
| P-6              | 6 Mile Rd & Napier Rd            |
| P-7              | Napier & Private Road            |
| P-8              | Napier & Railroad                |
| P-9              | Napier & Entr to Composting      |
| <b>Community</b> |                                  |
| C-1              | Mulberry Ct. & Mulberry Way      |
| C-2              | Boulder & Parkside Dr.           |
| C-3              | Entrance to Steeplechase         |
| C-4              | Ridgewood Elementary School      |
| C-5              | Waterway Park on Ridgeway Dr.    |
| C-6              | Bayberry Way & Rose Terrace      |
| C-7              | NW Corner of Briar Ridge Ln.     |
| C-8              | Brier Ridge Ln. & Trail Entrance |
| C-9              | SW Corner of Ridgeway Dr.        |
| C-10             | Napier & Last Drive              |
| C-11             | Salem Rd. & Jessica J Ln         |
| C-12             | 6 Mile & Pearl Street            |
| C-13             | Tamarack Trail                   |
| C-14             | Starlite Run                     |
| C-15             | Northstar Way                    |
| C-16             | Northville High School           |
| C-20             | 17877 Briar Ridge                |
| C-21             | Seven Mile & Ridge Road          |
| C-22             | Napier & Seven Mile Road         |
| C-23             | Ridgewood Ct. & Mulberry Way     |
| C-24             | 16446 Johnson Creek Drive        |

**RK**  
 & ASSOCIATES, INC.  
 28631 ROUTE 59, SUITE B  
 WARRENVILLE, IL 60555  
 630-333-0000  
 630-790-2966

COMMENTS:  
**Perimeter and Community Odor  
 Monitoring Location**

DRAWN BY: **DD**      APPROVED BY: **SR**

**Arbor Hills Landfill**  
**Advanced Disposal**  
**Northville, MI 48168**

PROJECT NUMBER: **R16417**      DATE DRAWN: **11-16-2016**      REVISED DATE: **09-04-2018**

FIGURE  
**1**