



**Arbor Hills Landfill**  
**Weekly Community Locations Scentometer Readings**  
**January 29-February 4, 2018**

| Locations                            | 01-29 Mon |      | 01-30 Tue |      | 01-31 Wed |      | 02-01 Thu |      | 02-02 Fri |      | 02-03 Sat |      | 02-04 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 |     |
| Wind Direction                       | NNE/NE    | NNW  | NW        | WNW  | SSW       | WSW  | SW        | NW   | WNW       | WSW  | SSW       | SSW  | SSW       | NNW  |         |      |     |     |
| <b>Downwind Scentometer Readings</b> |           |      |           |      |           |      |           |      |           |      |           |      |           |      |         |      |     |     |
| Mulberry Ct. & Mulberry Way          | C-1       | -    | 0         | 0    | 0         | 0    | 0         | 0    | 0         | 0    | 0         | 0    | 0         | 0    |         | 0.0  | 0.0 | 0.0 |
| Boulder & Parkside Dr.               | C-2       | -    | 0         | 0    | < 2       | 0    | 0         | 0    | 0         | 0    | 0         | 0    | 0         | 0    |         | 0.0  | 0.3 | 0.2 |
| Entrance to Steeplechase             | C-3       | -    | 0         | 0    | 0         | 0    | 0         | 0    | 0         | < 2  | 0         | 0    | 0         | 0    |         | 0.0  | 0.3 | 0.2 |
| Ridgewood Elementary School          | C-4       | -    | 0         | 0    | 0         | 0    | 0         | 0    | 0         | 0    | 0         | 0    | 0         | 0    |         | 0.0  | 0.0 | 0.0 |
| Waterway Pk on Ridgeway Dr.          | C-5       | -    | -         | -    | -         | 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 |
| NW Corner of Briar Ridge Ln.         | C-7       | -    | -         | -    | -         | 0    | < 2       | 0    | -         | -    | 0         | 0    | 0         | 0    |         | 0.0  | 0.7 | 0.3 |
| Brier Ridge Ln. & Trail Entrance     | C-8       | -    | -         | -    | -         | 0    | < 2       | 0    | -         | -    | 0         | 0    | 0         | 0    |         | 0.0  | 0.7 | 0.3 |
| SW Corner of Ridgeway Dr.            | C-9       | -    | 0         | 0    | < 2       | 0    | < 2       | 0    | 0         | < 2  | < 2       | 0    | 0         | 0    |         | 0.3  | 1.0 | 0.7 |
| Napier & Last Drive                  | C-10      | 0    | < 2       | 0    | 0         | -    | -         | -    | 0         | 0    | -         | -    | -         | < 2  |         | 0.0  | 1.0 | 0.6 |
| Salem Rd. & Jessica J Ln             | C-11      | < 2  | -         | -    | -         | -    | -         | -    | -         | -    | -         | -    | -         | -    |         | 2.0  | -   | 2.0 |
| 6 Mile & Pearl Street                | C-12      | -    | -         | -    | -         | -    | -         | -    | -         | -    | -         | -    | -         | -    |         | -    | -   | -   |
| Tamarack Trail                       | C-13      | -    | 0         | 0    | < 2       | 0    | 0         | 0    | 0         | < 2  | 0         | 0    | 0         | 0    |         | 0.0  | 0.7 | 0.3 |
| Starlite Run                         | C-14      | -    | 0         | 0    | 0         | 0    | 0         | 0    | 0         | 0    | 0         | 0    | 0         | 0    |         | 0.0  | 0.0 | 0.0 |
| Northstar Way                        | C-15      | -    | -         | -    | 0         | 0    | < 2       | 0    | -         | 0    | 0         | 0    | 0         | 0    |         | 0.0  | 0.5 | 0.2 |
| Northville High School               | C-16      | -    | -         | -    | 0         | 0    | -         | 0    | -         | 0    | -         | -    | -         | -    |         | 0.0  | 0.0 | 0.0 |
| 17877 Briar Ridge                    | C-20      | -    | -         | -    | -         | 0    | < 2       | 0    | -         | -    | 0         | 0    | 0         | 0    |         | 0.0  | 0.7 | 0.3 |
| Seven Mile & Ridge Road              | C-21      | -    | -         | -    | -         | 0    | 0         | 0    | -         | -    | 0         | 0    | 0         | 0    |         | 0.0  | 0.0 | 0.0 |
| Seven Mile & Napier Road             | C-22      | -    | -         | -    | -         | 0    | 0         | < 2  | -         | -    | < 2       | 0    | 0         | < 2  |         | 1.0  | 0.7 | 0.9 |
| Ridgewood Ct. & Mulberry Way         | C-23      |      |           |      |           |      |           |      |           | 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 |
| Boulder & Parkside Dr.               | C-2       | 0    | -         | -    | -         | -    | -         | -    | -         | -    | -         | -    | -         | -    |         | 0.0  | -   | 0.0 |
| Entrance to Steeplechase             | C-3       | 0    | -         | -    | -         | -    | -         | -    | -         | -    | -         | -    | -         | -    |         | 0.0  | -   | 0.0 |
| Ridgewood Elementary School          | C-4       | 0    | -         | -    | -         | -    | -         | -    | -         | -    | -         | -    | -         | -    |         | 0.0  | -   | 0.0 |
| Waterway Park on Ridgeway            | 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  | -   | 0.0 |
| Napier & Last Drive                  | C-10      | -    | -         | -    | -         | 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 |
| 6 Mile & Pearl Street                | C-12      | 0    | 0         | 0    | 0         | 0    | 0         | 0    | 0         | < 2  | 0         | 0    | 0         | 0    |         | 0.0  | 0.3 | 0.2 |
| Tamarack Trail                       | C-13      | 0    | -         | -    | -         | -    | -         | -    | -         | -    | -         | -    | -         | -    |         | 0.0  | -   | 0.0 |
| Starlite Run                         | C-14      | 0    | -         | -    | -         | -    | -         | -    | -         | -    | -         | -    | -         | -    |         | 0.0  | -   | 0.0 |
| Northstar Way                        | C-15      | 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      |      |           |      |           |      |           |      |           |      |           |      |           |      |         | -    | -   | -   |

Landfill Gas    
  Fresh Garbage    
  Compost    
 02/02/18 a.m. - C - 12/C-22 - Wood Fire  
 Leachate    
  Other (non landfill related odor)    
 02/04/18 a.m. - C-22 - Skunk Odor

| Number of Odor Complaints | 01-29 Mon | 01-30 Tue | 01-31 Wed | 02-01 Thu | 02-02 Fri | 02-03 Sat | 02-04 Sun |
|---------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|                           | 0         | 6         | 3         | 1         | 0         | 0         | 0         |

\* Note: Odor readings were taken only at locations P-1, P-2, P-3, P-5, P-6, P-7, P-8 and C-10 during February 4th evening odor scan, due to snowy weather causing unsafe driving conditions. Odor monitoring at new location C-23 started on February 2nd evening odor scan.



**Arbor Hills Landfill**  
**Weekly Perimeter Locations Scentometer Readings**  
**January 29-February 4, 2018**

| Locations                            | 01-22 Mon |      | 01-23 Tue |      | 01-24 Wed |      | 01-25 Thu |      | 01-26 Fri |      | 01-27 Sat |      | 01-28 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 |     |
| Wind Direction                       | ESE       | SSE  | SW        | WNW  | NW        | WNW  | SSW       | SSW  | SSE       | SSW  | SW        | WNW  | WNW       | SSE  |         |      |     |     |
| <b>Downwind Scentometer Readings</b> |           |      |           |      |           |      |           |      |           |      |           |      |           |      |         |      |     |     |
| Napier Rd & Entrance to GLR          | P-1       | -    | < 2       | 0    | 0         | 0    | 0         | 0    | 0         | < 2  | 0         | 0    | 0         | 0    | 0       | 0.3  | 0.3 | 0.3 |
| 5 Mile Rd & Entr to Energy Ctr.      | P-2       | 0    | < 2       | 0    | 0         | -    | -         | -    | 0         | 0    | -         | -    | -         | -    | 0       | 0.0  | 0.5 | 0.3 |
| 5 Mile Rd & Utility Corridor         | P-3       | 0    | -         | -    | -         | -    | -         | -    | -         | -    | -         | -    | -         | -    | 0.0     | -    | 0.0 |     |
| 6 Mile Rd & NW Corner of LF          | P-4       | -    | -         | -    | -         | -    | -         | -    | -         | -    | -         | -    | -         | -    | -       | -    | -   | -   |
| 6 Mile Rd & LF Office                | P-5       | -    | 0         | 0    | < 2       | 0    | 0         | 0    | 0         | 0    | 0         | < 2  | < 2       | < 2  | 0       | 0.7  | 0.6 | 0.6 |
| 6 Mile Rd & Napier Rd                | P-6       | -    | 0         | < 2  | < 2       | 0    | < 2       | 0    | < 2       | 0    | 0         | 0    | 0         | 0    | 0       | 0.3  | 0.9 | 0.6 |
| Napier & Private Road                | P-7       | -    | < 2       | 0    | < 2       | 0    | < 2       | 0    | 0         | < 2  | 0         | 0    | 0         | < 2  | 0.3     | 1.1  | 0.8 |     |
| Napier & Railroad                    | P-8       | -    | < 2       | < 2  | < 2       | 0    | 0         | 0    | 0         | 0    | 0         | 0    | 0         | 0    | 0.3     | 0.6  | 0.5 |     |
| Napier & Entr to Composting          | P-9       | -    | 0         | -    | 0         | 0    | < 2       | 0    | -         | 0    | < 2       | < 2  | 0         | < 2  | 0.8     | 0.8  | 0.8 |     |
| <b>Upwind Scentometer Readings</b>   |           |      |           |      |           |      |           |      |           |      |           |      |           |      |         |      |     |     |
| Napier Rd & Entrance to GLR          | P-1       | 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 |     |
| 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 |     |
| 6 Mile Rd & NW Corner of LF          | P-4       | 0    | 0         | 0    | 0         | 0    | 0         | 0    | 0         | 0    | 0         | 0    | 0         | 0    | 0.0     | 0.0  | 0.0 |     |
| 6 Mile Rd & LF Office                | P-5       | 0    | -         | -    | -         | -    | -         | -    | -         | -    | -         | -    | -         | -    | 0.0     | -    | 0.0 |     |
| 6 Mile Rd & Napier Rd                | P-6       | 0    | -         | -    | -         | -    | -         | -    | -         | -    | -         | -    | -         | -    | 0.0     | -    | 0.0 |     |
| Napier & Private Road                | P-7       | 0    | -         | -    | -         | -    | -         | -    | -         | -    | -         | -    | -         | -    | 0.0     | -    | 0.0 |     |
| Napier & Railroad                    | P-8       | 0    | -         | -    | -         | -    | -         | -    | -         | -    | -         | -    | -         | -    | 0.0     | -    | 0.0 |     |
| Napier & Entr to Composting          | P-9       | 0    | -         | 0    | -         | -    | -         | 0    | -         | -    | -         | -    | -         | -    | 0.0     | 0.0  | 0.0 |     |

Landfill Gas     
  Fresh Garbage     
  Compost     
 02/02/18 a.m. - C - 12/C-22 - Wood Fire  
 Leachate     
  Other (non landfill related odor)     
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| Number of Odor Complaints | 01-29 Mon | 01-30 Tue | 01-31 Wed | 02-01 Thu | 02-02 Fri | 02-03 Sat | 02-04 Sun |
|---------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|                           | 0         | 6         | 3         | 1         | 0         | 0         | 0         |

\* Note: Odor readings were taken only at locations P-1, P-2, P-3, P-5, P-6, P-7, P-8 and C-10 during February 4th evening odor scan, due to snowy weather causing unsafe driving conditions.  
 Odor monitoring at new location C-23 started on February 2nd evening odor scan.



| 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              | Briar 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     |

**RK**  
28631 ROUTE 59, SUITE B  
 WARRENVILLE, IL 60555  
 630-393-9000  
 630-790-2966  
 & ASSOCIATES, INC.

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

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

FIGURE  
**1**

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

PROJECT NUMBER: **R16417**      DATE DRAWN: **11-16-2016**

REVISED DATE: **02-02-2018**