



Arbor Hills Landfill
Weekly Community Locations Scentometer Readings
December 4-10, 2017

| Locations | 12-04 Mon | | 12-05 Tue | | 12-06 Wed | | 12-07 Thu | | 12-08 Fri | | 12-09 Sat | | 12-10 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 | SSE | SSE | SW | WSW | SSW | WSW | WNW | WSW | SW | SW | SSE | NW | SW | SW | | | |
| Downwind Scentometer Readings | | | | | | | | | | | | | | | | | |
| Mulberry Ct. & Mulberry Way | C-1 | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | < 2 | 0.0 | 0.3 | 0.2 |
| Boulder & Parkside Dr. | C-2 | - | - | 0 | 0 | 0 | 0 | 0 | 0 | < 2 | - | 0 | 0 | 0 | 0.0 | 0.3 | 0.2 |
| Entrance to Steeplechase | C-3 | - | - | 0 | < 2 | 0 | 0 | 0 | 0 | 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 |
| Waterway Pk on Ridgeway Dr. | C-5 | - | - | < 2 | 0 | 0 | 0 | - | 0 | 0 | - | - | 0 | 0 | 0.5 | 0.0 | 0.2 |
| Bayberry Way & Rose Terrace | C-6 | - | - | 0 | 0 | < 2 | 0 | - | 0 | 0 | - | - | 0 | < 2 | 0.5 | 0.4 | 0.4 |
| NW Corner of Briar Ridge Ln. | C-7 | - | - | < 2 | 0 | 0 | 0 | - | 0 | 0 | < 2 | - | - | 0 | 0.5 | 0.4 | 0.4 |
| Brier Ridge Ln. & Trail Entrance | C-8 | - | - | < 2 | < 2 | < 2 | < 2 | - | < 2 | < 2 | - | - | < 2 | 0 | 1.5 | 1.6 | 1.6 |
| SW Corner of Ridgeway Dr. | C-9 | - | - | < 2 | 0 | 0 | < 2 | 0 | < 2 | 0 | < 2 | - | < 2 | 0 | 0.4 | 1.3 | 0.9 |
| Napier & Last Drive | C-10 | - | - | - | - | - | - | 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 |
| Tamarack Trail | C-13 | - | - | < 2 | < 2 | 0 | < 2 | 0 | < 2 | < 2 | 0 | - | 0 | 0 | 0.8 | 1.0 | 0.9 |
| Starlite Run | C-14 | - | - | < 2 | 0 | 0 | 0 | 0 | < 2 | 0 | 0 | - | 0 | 0 | 0.4 | 0.3 | 0.4 |
| Northstar Way | C-15 | - | - | < 2 | 0 | < 2 | 0 | - | 0 | 0 | < 2 | - | - | < 2 | 1.5 | 0.4 | 0.9 |
| Northville High School | C-16 | - | - | 0 | 0 | 0 | 0 | - | 0 | 0 | - | - | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 17877 Briar Ridge | C-20 | - | - | < 2 | 0 | 0 | 0 | - | 0 | 0 | < 2 | - | - | 0 | 0.5 | 0.4 | 0.4 |
| Seven Mile & Ridge Road | C-21 | - | - | 0 | 0 | < 2 | 0 | - | 0 | 0 | 0 | - | - | 0 | 0.5 | 0.0 | 0.2 |
| Seven Mile & Napier Road | C-22 | - | - | 0 | 0 | 0 | 0 | - | 0 | < 2 | 0 | - | - | < 2 | 1.0 | 0.0 | 0.4 |
| Upwind Scentometer Readings | | | | | | | | | | | | | | | | | |
| Mulberry Ct. & Mulberry Way | C-1 | 0 | 0 | - | - | - | - | - | - | - | 0 | - | - | - | - | 0.0 | 0.0 |
| Boulder & Parkside Dr. | C-2 | 0 | 0 | - | - | - | - | - | - | - | 0 | - | - | - | - | 0.0 | 0.0 |
| Entrance to Steeplechase | C-3 | 0 | 0 | - | - | - | - | - | - | - | 0 | - | - | - | - | 0.0 | 0.0 |
| Ridgewood Elementary School | C-4 | 0 | 0 | - | - | - | - | - | - | - | 0 | - | - | - | - | 0.0 | 0.0 |
| Waterway Park on Ridgeway | C-5 | 0 | 0 | - | - | - | 0 | - | - | - | 0 | < 2 | - | - | 0.0 | 1.0 | 0.4 |
| Bayberry Way & Rose Terrace | C-6 | 0 | 0 | - | - | - | 0 | - | - | - | 0 | 0 | - | - | 0.0 | 0.0 | 0.0 |
| NW Corner of Briar Ridge Ln. | C-7 | 0 | 0 | - | - | - | 0 | - | - | - | 0 | < 2 | - | - | 0.0 | 1.0 | 0.4 |
| Brier Ridge Ln. & Trail Entrance | C-8 | 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 |
| Napier & Last Drive | C-10 | 0 | < 2 | 0 | 0 | 0 | < 2 | - | 0 | 0 | 0 | - | 0 | 0 | 0.0 | 0.7 | 0.3 |
| 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 | 0.0 |
| Tamarack Trail | C-13 | 0 | 0 | - | - | - | - | - | - | - | 0 | - | - | - | - | 0.0 | 0.0 |
| Starlite Run | C-14 | 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 |
| Seven Mile & Ridge Road | C-21 | 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 |

Landfill Gas
 Fresh Garbage
 Compost
 12/04/17 p.m. - C-10 - Burning wood
 12/07/17 p.m. - P-9/C-8/C-9/C-13/C-14 - Sweet Odor;

Leachate
 Other (non landfill related odor)
 12/05/17 p.m. - P-2 - Burning Wood;
 12/08/17 a.m. - C-22 - Burning wood

12/05/17 p.m. - P-9/C-8/C-13 - Sweet Odor;
 12/09/17 p.m. - P-6 - Sweet odor; C-5/C-7 - Burning wood; C-9- Laundry

12/06/17 a.m. - C-21 - Burning wood
 12/10/17 a.m. - P-7/C-22 - Burning wood; P-9/C-9/C-15 - Sweet Odor

12/06/17 p.m. - P-9/C-8/C-9/C-13 - Sweet odor; C-10 - Burning wood
 12/10/17 p.m. - P-4/C-1 - Burning wood;

| Number of Odor Complaints | 12-04 Mon | 12-05 Tue | 12-06 Wed | 12-07 Thu | 12-08 Fri | 12-09 Sat | 12-10 Sun |
|---------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | | 0 | 0 | 0 | 1 | 1 | 1 |



**Arbor Hills Landfill
Weekly Perimeter Locations Scentometer Readings
December 4-10, 2017**

| Locations | | 12-04 Mon | | 12-05 Tue | | 12-06 Wed | | 12-07 Thu | | 12-08 Fri | | 12-09 Sat | | 12-10 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 | | SSE | SSE | SW | WSW | SSW | WSW | WNW | WSW | SW | SW | SSE | NW | SW | SW | | | |
| Downwind Scentometer Readings | | | | | | | | | | | | | | | | | | |
| Napier Rd & Entrance to GLR | P-1 | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | < 2 | 0 | 0 | 0.0 | 0.3 | 0.2 |
| 5 Mile Rd & Entr to Energy Ctr. | P-2 | - | - | - | - | - | - | 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 | - | - | - | - | - | - | - | - | 0 | - | - | - | - | 2.0 | 1.3 |
| 6 Mile Rd & LF Office | P-5 | 0 | < 2 | < 2 | < 2 | < 2 | 0 | 0 | 0 | < 2 | < 2 | < 2 | 0 | < 2 | 0 | 1.4 | 0.9 | 1.1 |
| 6 Mile Rd & Napier Rd | P-6 | - | - | < 2 | < 2 | < 2 | < 2 | 0 | 0 | 0 | < 2 | - | < 2 | 0 | < 2 | 0.8 | 1.7 | 1.3 |
| Napier & Private Road | P-7 | - | - | < 2 | 0 | 0 | < 2 | < 2 | 0 | 0 | < 2 | - | 0 | < 2 | 0 | 1.2 | 0.7 | 0.9 |
| Napier & Railroad | P-8 | - | - | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | < 2 | 0 | 0 | 0.0 | 0.3 | 0.2 |
| Napier & Entr to Composting | P-9 | - | - | < 2 | < 2 | 0 | < 2 | < 2 | < 2 | < 2 | < 2 | - | - | < 2 | < 2 | 1.6 | 2.0 | 1.8 |
| Upwind Scentometer Readings | | | | | | | | | | | | | | | | | | |
| Napier Rd & Entrance to GLR | P-1 | 0 | 0 | - | - | - | - | - | - | - | - | 0 | - | - | - | - | 0.0 | 0.0 |
| 5 Mile Rd & Entr to Energy Ctr. | P-2 | 0 | 0 | 0 | < 2 | 0 | 0 | - | 0 | 0 | 0 | 0 | - | 0 | 0 | 0.0 | 0.3 | 0.2 |
| 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 | 0.0 |
| 6 Mile Rd & NW Corner of LF | P-4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | < 2 | 0.0 | 0.3 | 0.1 |
| 6 Mile Rd & LF Office | P-5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 6 Mile Rd & Napier Rd | P-6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Napier & Private Road | P-7 | 0 | 0 | - | - | - | - | - | - | - | - | 0 | - | - | - | - | 0.0 | 0.0 |
| Napier & Railroad | P-8 | 0 | 0 | - | - | - | - | - | - | - | - | 0 | - | - | - | - | 0.0 | 0.0 |
| Napier & Entr to Composting | P-9 | 0 | 0 | - | - | - | - | - | - | - | - | 0 | 0 | - | - | 0.0 | 0.0 | 0.0 |

Landfill Gas
 Fresh Garbage
 Compost
 12/04/17 p.m. - C-10 - Burning wood
 12/07/17 p.m. - P-9/C-8/C-9/C-13/C-14 - Sweet Odor,

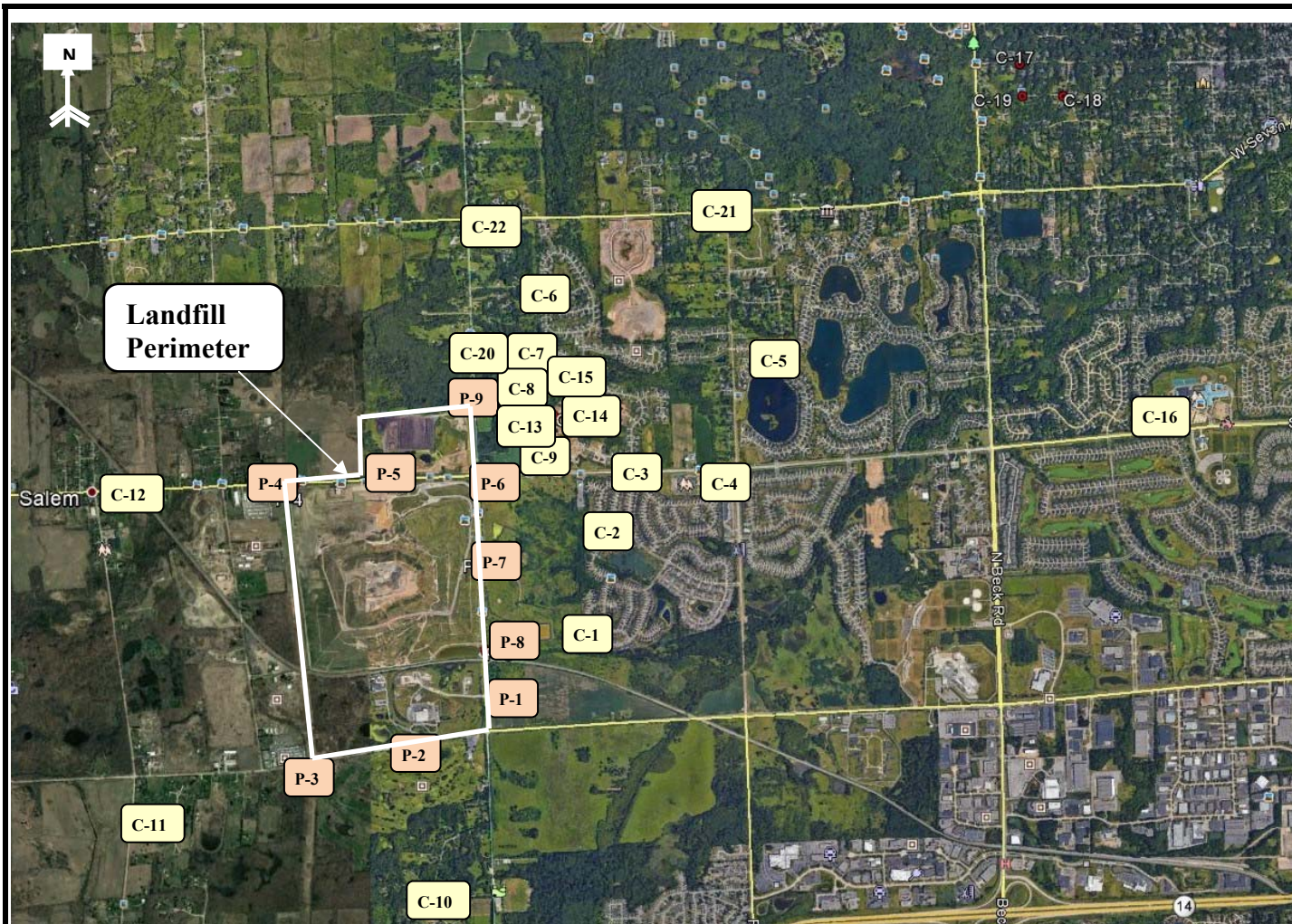
12/05/17 p.m. - P-2 - Burning Wood;
 12/08/17 a.m. - C-22 - Burning wood

Leachate
 Other (non landfill related odor)
 12/05/17 p.m. - P-9/C-8/C-13 - Sweet Odor;
 12/09/17 p.m. - P-6 - Sweet odor; C-5/C-7 - Burning wood; C-9- Laundry

12/06/17 a.m. - C-21 - Burning wood
 12/10/17 a.m. - P-7/C-22 - Burning wood; P-9/C-9/C-15 - Sweet Odor

12/06/17 p.m. - P-9/C-8/C-9/C-13 - Sweet odor; C-10 - Burning wood
 12/10/17 p.m. - P-4/C-1 - Burning wood;

| Number of Odor Complaints | 12-04 Mon | 12-05 Tue | 12-06 Wed | 12-07 Thu | 12-08 Fri | 12-09 Sat | 12-10 Sun |
|---------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | | 0 | 0 | 0 | 1 | 1 | 1 |



| RK No. | Location |
|------------------|----------------------------------|
| Perimeter | |
| 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 |
| Community | |
| 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 |

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

COMMENTS:

Perimeter and Community Odor Monitoring Location

DRAWN BY:
DD

APPROVED BY:
SR

PROJECT NUMBER:
R16417

DATE DRAWN:
11-16-2016

REVISED DATE:
11-02-2017

Arbor Hills Landfill
Advanced Disposal
Northville, MI 48168

FIGURE

1