



### Arbor Hills Landfill Weekly Perimeter & Community Locations Scentometer Readings November 27 - December 3, 2017

Locations	11-27 Mon		11-28 Tue		11-29 Wed		11-30 Thu		12-01 Fri		12-02 Sat		12-03 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	NNW	SE	SSW	SW	SW	SE	SW	WNW	WNW	SSW	SSW	SSW	WNW	SSW			
<b>Downwind Scentometer Readings</b>																	
Mulberry Ct. & Mulberry Way	C-1	0	-	0	0	<2	-	0	0	<2	0	0	<2	0	0.6	0.4	0.5
Boulder & Parkside Dr.	C-2	0	-	0	0	0	-	0	<2	0	<2	0	0	0.0	0.8	0.3	
Entrance to Steeplechase	C-3	0	-	0	0	0	-	0	<2	0	<2	0	0	0.0	0.8	0.3	
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	-	-	0	0	0	-	0	-	0	<2	0	-	0.5	0.0	0.3	
Bayberry Way & Rose Terrace	C-6	-	-	0	<2	0	-	0	-	<2	0	0	-	0.0	1.5	0.8	
NW Corner of Briar Ridge Ln.	C-7	-	-	0	<2	<2	-	0	-	0	0	0	-	0.5	1.0	0.8	
Brier Ridge Ln. & Trail Entrance	C-8	-	-	0	0	0	-	0	-	<2	<2	0	-	0.5	1.0	0.8	
SW Corner of Ridgeway Dr.	C-9	0	-	0	0	0	-	0	<2	<2	0	0	<2	0.6	0.8	0.7	
Napier & Last Drive	C-10	0	-	-	-	-	-	0	0	-	-	-	<2	0.7	0.0	0.5	
Salem Rd. & Jessica J Ln	C-11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6 Mile & Pearl Street	C-12	-	0	-	-	0	-	-	-	-	-	-	-	-	0.0	0.0	
Tamarack Trail	C-13	0	-	0	0	0	-	0	0	<2	0	0	0	<2	0.3	0.4	0.3
Starlite Run	C-14	0	-	0	0	0	-	0	0	<2	<2	0	0	0.3	0.4	0.3	
Northstar Way	C-15	-	-	0	0	0	-	0	-	<2	<2	0	0	0.5	0.5	0.5	
Northville High School	C-16	-	-	0	0	0	-	0	-	0	0	0	0	0.0	0.0	0.0	
17877 Briar Ridge	C-20	-	-	0	0	<2	-	0	-	0	<2	0	-	1.0	0.0	0.5	
Seven Mile & Ridge Road	C-21	-	-	0	0	0	-	0	-	<2	0	0	-	0.0	1.0	0.5	
Seven Mile & Napier Road	C-22	-	-	<2	0	0	-	<2	-	0	0	0	-	1.0	0.0	0.5	
<b>Upwind Scentometer Readings</b>																	
Mulberry Ct. & Mulberry Way	C-1	-	0	-	-	-	0	-	-	-	-	-	-	-	0.0	0.0	
Boulder & Parkside Dr.	C-2	-	0	-	-	-	0	-	-	-	-	-	-	-	0.0	0.0	
Entrance to Steeplechase	C-3	-	0	-	-	-	0	-	-	-	-	-	-	-	0.0	0.0	
Ridgewood Elementary School	C-4	-	0	-	-	-	0	-	-	-	-	-	-	-	0.0	0.0	
Waterway Park on Ridgeway	C-5	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	
NW Corner of Briar Ridge Ln.	C-7	<2	0	-	-	-	0	-	0	-	-	-	0	0.7	0.0	0.3	
Brier Ridge Ln. & Trail Entrance	C-8	0	0	-	-	-	0	-	<2	0	-	-	-	0.0	0.7	0.3	
SW Corner of Ridgeway Dr.	C-9	-	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	
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	0	0	0.0	0.0	0.0	
Tamarack Trail	C-13	-	0	-	-	-	0	-	-	-	-	-	-	-	0.0	0.0	
Starlite Run	C-14	-	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	
17877 Briar Ridge	C-20	0	0	-	-	-	0	-	0	<2	-	-	0	0.7	0.0	0.3	
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    
 11/27/17 a.m. - P-4 - Sweet odor; C-7 - Laundry dtgrnt    
 12/01/17 a.m. - P-9/C-9/C-13/C-14 - Sweet odor; C-20 - Burning wood  
 Leachate    
  Other (non landfill related odor)    
 11/28/17 a.m. - P-9 - Sweet odor    
 12/01/17 p.m. - P-1/C-1/C-8/C-21 - Leaves; C-2/C-3/C-6/C-14/C-15 - Burning wood  
 11/30/17 a.m. - P-7 & C-20 - Burning wood    
 12/02/17 a.m. - P-9/C-8/C-15/C-20 - Sweet; C-5 - Burning wood  
 11/30/17 p.m. - C-8 & C-9 - Sweet odor    
 12/03/17 a.m. - P-6/C-9 - Sweet odor; C-10 - Burning wood;

Number of Odor Complaints	11-27 Mon	11-28 Tue	11-29 Wed	11-30 Thu	12-01 Fri	12-02 Sat	12-03 Sun
	0	3	0	1	0	5	5



**Arbor Hills Landfill**  
**Weekly Perimeter & Community Locations Scentometer Readings**  
**November 27 - December 3, 2017**

Locations	11-27 Mon		11-28 Tue		11-29 Wed		11-30 Thu		12-01 Fri		12-02 Sat		12-03 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>	<b>NNW</b>	<b>SE</b>	<b>SSW</b>	<b>SW</b>	<b>SW</b>	<b>SE</b>	<b>SW</b>	<b>WNW</b>	<b>WNW</b>	<b>SSW</b>	<b>SSW</b>	<b>SSW</b>	<b>WNW</b>	<b>SSW</b>				
<b>Downwind Scentometer Readings</b>																		
Napier Rd & Entrance to GLR	P-1	< 2	-	0	0	0	-	0	0	0	< 2	0	0	0	0	0.3	0.4	0.3
5 Mile Rd & Entr to Energy Ctr.	P-2	0	-	-	-	-	-	-	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
6 Mile Rd & LF Office	P-5	< 2	0	< 2	< 2	0	0	0	0	0	0	0	< 2	0	< 2	0.6	0.9	0.7
6 Mile Rd & Napier Rd	P-6	0	-	0	0	0	-	0	0	0	< 2	< 2	0	< 2	< 2	0.6	0.8	0.7
Napier & Private Road	P-7	0	-	0	0	< 2	-	0	< 2	< 2	0	0	0	< 2	0	0.9	0.4	0.7
Napier & Railroad	P-8	< 2	-	0	0	0	-	0	0	0	0	0	0	< 2	0	0.6	0.0	0.3
Napier & Entr to Composting	P-9	0	-	< 2	< 2	0	-	0	0	< 2	< 2	< 2	0	-	< 2	1.0	1.2	1.1
<b>Upwind Scentometer Readings</b>																		
Napier Rd & Entrance to GLR	P-1	-	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	0.0
6 Mile Rd & NW Corner of LF	P-4	< 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3	0.0	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
Napier & Railroad	P-8	-	0	-	-	-	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     
 11/27/17 a.m. - P-4 - Sweet odor; C-7 - Laundry dtgrnt     
 12/01/17 a.m. - P-9/C-9/C-13/C-14 - Sweet odor; C-20 - Burning wood  
 11/28/17 a.m. - P-9 - Sweet odor     
 12/01/17 p.m. - P-1/C-1/C-8/C-21 - Leaves; C-2/C-3/C-6/C-14/C-15 - Burning wood  
 Leachate     
  Other (non landfill related odor)     
 11/30/17 a.m. - P-7 & C-20 - Burning wood     
 12/02/17 a.m. - P-9/C-8/C-15/C-20 - Sweet; C-5 - Burning wood  
 11/30/17 p.m. - C-8 & C-9 - Sweet odor     
 12/03/17 a.m. - P-6/C-9 - Sweet odor; C-10 - Burning wood;

Number of Odor Complaints	11-27 Mon	11-28 Tue	11-29 Wed	11-30 Thu	12-01 Fri	12-02 Sat	12-03 Sun
		0	3	0	1	0	5



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

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

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: **11-02-2017**