



Arbor Hills Landfill
Weekly Community Locations Scentometer Readings
December 11-17, 2017

Locations		12-11 Mon		12-12 Tue		12-13 Wed		12-14 Thu		12-15 Fri		12-16 Sat		12-17 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
Wind Direction		NNW	SSE	NW	WNW	SSW	SE	NW	W/WSW	SSW	WSW	SW	ENE	ENE	ENE			
Downwind Scentometer Readings																		
Mulberry Ct. & Mulberry Way	C-1	0	-	0	0	0		< 2	< 2	0	0	0	-	-	-	0.3	0.7	0.4
Boulder & Parkside Dr.	C-2	0	-	0	0	0		0	< 2	0	0	0	-	-	-	0.0	0.7	0.2
Entrance to Steeplechase	C-3	0	-	0	0	0		0	< 2	0	0	0	-	-	-	0.0	0.7	0.2
Ridgewood Elementary School	C-4	0	-	0	0	0		0	< 2	0	0	0	-	-	-	0.0	0.7	0.2
Waterway Pk on Ridgeway Dr.	C-5	-	-	-	-	0		-	0	0	< 2	0	-	-	-	0.0	1.0	0.4
Bayberry Way & Rose Terrace	C-6	-	-	-	-	0		-	0	0	0	< 2	-	-	-	0.7	0.0	0.4
NW Corner of Briar Ridge Ln.	C-7	-	-	-	-	0		-	< 2	0	0	< 2	-	-	-	0.7	1.0	0.8
Brier Ridge Ln. & Trail Entrance	C-8	-	-	-	-	0		-	< 2	0	< 2	0	-	-	-	0.0	2.0	0.8
SW Corner of Ridgeway Dr.	C-9	< 2	-	0	0	0		0	< 2	0	0	0	-	-	-	0.3	0.7	0.4
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	-	-	-
6 Mile & Pearl Street	C-12	-	0	-	-	-		-	-	-	-	-	< 2	< 2	< 2	-	1.3	1.5
Tamarack Trail	C-13	0	-	0	0	0		0	< 2	0	< 2	0	-	-	-	0.0	1.3	0.4
Starlite Run	C-14	0	-	0	0	0		0	< 2	0	< 2	0	-	-	-	0.0	1.3	0.4
Northstar Way	C-15	-	-	-	-	0		-	< 2	0	< 2	0	-	-	-	0.0	2.0	0.8
Northville High School	C-16	-	-	-	-	0		-	0	0	0	0	-	-	-	0.0	0.0	0.0
17877 Briar Ridge	C-20	-	-	-	-	0		-	< 2	0	0	< 2	-	-	-	0.7	1.0	0.8
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	< 2	-	-	-	0.7	0.0	0.4
Upwind Scentometer Readings																		
Mulberry Ct. & Mulberry Way	C-1	-	0	-	-	-		-	-	-	-	-	0	0	0	-	0.0	0.0
Boulder & Parkside Dr.	C-2	-	0	-	-	-		-	-	-	-	-	0	0	0	-	0.0	0.0
Entrance to Steeplechase	C-3	-	0	-	-	-		-	-	-	-	-	0	0	0	-	0.0	0.0
Ridgewood Elementary School	C-4	-	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
Napier & Last Drive	C-10	-	0	-	-	0		-	0	< 2	0	0	-	-	-	0.7	0.0	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
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
Starlite Run	C-14	-	0	-	-	-		-	-	-	-	-	0	0	0	-	0.0	0.0
Northstar Way	C-15	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
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

Landfill Gas
 Fresh Garbage
 Compost
 12/11/17 a.m. - P-5 - Sweet Odor; C-9 - Curry Odor
 12/14/17 a.m. - P-6/C-1 - Sweet Odor
 Leachate
 Other (non landfill related odor)
 12/14/17 p.m. - P-9 - Sweet Odor; C-1 - Burning Wood
 12/15/17 a.m. - C-10 - Burning wood
 12/16/17 a.m. - C-22 - Burning wood

Number of Odor Complaints	12-11 Mon	12-12 Tue	12-13 Wed	12-14 Thu	12-15 Fri	12-16 Sat	12-17 Sun
		1	0	0	11	0	0

Note: Odor survey was not conducted on December 13th in the evening due to winter storm warning.



Arbor Hills Landfill
Weekly Perimeter Locations Scentometer Readings
December 11-17, 2017

Locations		12-11 Mon		12-12 Tue		12-13 Wed		12-14 Thu		12-15 Fri		12-16 Sat		12-17 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
Wind Direction		NNW	SSE	NW	WNW	SSW	SE	NW	W/WSW	SSW	WSW	SW	ENE	ENE	ENE			
Downwind Scentometer Readings																		
Napier Rd & Entrance to GLR	P-1	0	-	<2	0	0		<2	<2	0	0	0	-	-	-	0.7	0.7	0.7
5 Mile Rd & Entr to Energy Ctr.	P-2	0	-	0	0	-		0	-	-	-	-	0	0	0	0.0	0.0	0.0
5 Mile Rd & Utility Corridor	P-3	-	-	-	-	-		-	-	-	-	-	0	0	0	-	-	-
6 Mile Rd & NW Corner of LF	P-4	-	<2	-	-	-		-	-	-	-	-	0	0	<2	-	1.3	1.0
6 Mile Rd & LF Office	P-5	<2	0	0	0	<2		0	<2	<2	0	<2	0	0	0	1.1	0.3	0.8
6 Mile Rd & Napier Rd	P-6	0	-	0	<2	0		<2	<2	0	0	0	-	-	-	0.3	1.3	0.7
Napier & Private Road	P-7	0	-	0	0	0		0	<2	0	<2	0	-	-	-	0.0	1.3	0.4
Napier & Railroad	P-8	0	-	<2	<2	0		<2	<2	0	0	0	-	-	-	0.7	1.3	0.9
Napier & Entr to Composting	P-9	0	-	-	0	0		-	<2	0	<2	<2	-	-	-	0.5	1.3	0.9
Upwind Scentometer Readings																		
Napier Rd & Entrance to GLR	P-1	-	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
5 Mile Rd & Utility Corridor	P-3	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	<2	0	0	0	-	-	-	0.0	0.5	0.2
6 Mile Rd & LF Office	P-5	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-
6 Mile Rd & Napier Rd	P-6	-	-	-	-	-		-	-	-	-	-	0	0	0	-	-	-
Napier & Private Road	P-7	-	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

Landfill Gas
 Fresh Garbage
 Compost
 12/11/17 a.m. - P-5 - Sweet Odor; C-9 - Curry Odor
 Leachate
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Number of Odor Complaints	12-11 Mon	12-12 Tue	12-13 Wed	12-14 Thu	12-15 Fri	12-16 Sat	12-17 Sun
		1	0	0	11	0	0

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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

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