



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			
Downwind Scentometer Readings																	
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	0.8	0.3
Entrance to Steeplechase	C-3	0	-	0	0	0	-	0	<2	0	<2	0	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	0.0
Waterway Pk on Ridgeway Dr.	C-5	-	-	0	0	0	-	0	-	0	<2	0	-	0	0.5	0.0	0.3
Bayberry Way & Rose Terrace	C-6	-	-	0	<2	0	-	0	-	<2	0	0	-	<2	0.0	1.5	0.8
NW Corner of Briar Ridge Ln.	C-7	-	-	0	<2	<2	-	0	-	0	0	0	-	<2	0.5	1.0	0.8
Brier Ridge Ln. & Trail Entrance	C-8	-	-	0	0	0	-	0	-	<2	<2	0	-	<2	0.5	1.0	0.8
SW Corner of Ridgeway Dr.	C-9	0	-	0	0	0	-	0	<2	<2	0	0	<2	<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	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	0.0
17877 Briar Ridge	C-20	-	-	0	0	<2	-	0	-	0	<2	0	-	0	1.0	0.0	0.5
Seven Mile & Ridge Road	C-21	-	-	0	0	0	-	0	-	<2	0	0	-	<2	0.0	1.0	0.5
Seven Mile & Napier Road	C-22	-	-	<2	0	0	-	<2	-	0	0	0	-	0	1.0	0.0	0.5
Upwind Scentometer Readings																	
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	0.0
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	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 dtrngt
 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



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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			
Downwind Scentometer Readings																		
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
Upwind Scentometer Readings																		
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
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