



Arbor Hills Landfill
Weekly Community Locations Scentometer Readings
May 21-May 27 , 2018

Locations	05-21 Mon		05-22 Tue		05-23 Wed		05-24 Thu		05-25 Fri		05-26 Sat		05-27 Sun		Average		All	
	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.		
Wind Direction	ENE	NE	NW/SSW	NW	NW	NNW	NW	SSW	SW	NE								
Downwind Scentometer Readings																		
Mulberry Ct. & Mulberry Way	C-1	-	-	0	0	0	0	< 2	0	0	-					0.5	0.0	0.3
Boulder & Parkside Dr.	C-2	-	-	0	0	< 2	0	0	< 2	0	-					0.5	0.7	0.6
Entrance to Steeplechase	C-3	-	-	0	0	0	0	0	0	0	-					0.0	0.0	0.0
Ridgewood Elementary School	C-4	-	-	0	0	0	0	0	< 2	0	-					0.0	0.7	0.3
Waterway Pk on Ridgeway Dr.	C-5	-	-	0	-	-	-	-	0	0	-					0.0	0.0	0.0
Bayberry Way & Rose Terrace	C-6	-	-	0	-	-	-	-	< 2	0	-					0.0	2.0	0.7
NW Corner of Briar Ridge Ln.	C-7	-	-	0	-	-	-	-	0	< 2	-					1.0	0.0	0.7
Brier Ridge Ln. & Trail Entrance	C-8	-	-	< 2	-	-	-	-	< 2	0	-					1.0	2.0	1.3
SW Corner of Ridgeway Dr.	C-9	-	-	< 2	0	0	0	< 2	< 2	0	-					1.0	0.7	0.9
Napier & Last Drive	C-10	-	-	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
6 Mile & Pearl Street	C-12	0	0	-	-	-	-	-	-	0	-					0.0	0.0	0.0
Tamarack Trail	C-13	-	-	< 2	0	0	0	0	< 2	< 2	-					1.0	0.7	0.9
Starlite Run	C-14	-	-	< 2	0	0	0	0	< 2	< 2	-					1.0	0.7	0.9
Northstar Way	C-15	-	-	< 2	-	-	-	-	< 2	< 2	-					2.0	2.0	2.0
Northville High School	C-16	-	-	-	-	-	-	-	-	0	-					0.0	-	0.0
17877 Briar Ridge	C-20	-	-	0	-	-	-	-	0	< 2	-					1.0	0.0	0.7
Seven Mile & Ridge Road	C-21	-	-	0	-	-	-	-	0	0	-					0.0	0.0	0.0
Seven Mile & Napier Road	C-22	-	-	0	-	-	-	-	0	0	-					0.0	0.0	0.0
Ridgewood Ct. & Mulberry Way	C-23	-	-	0	0	0	0	< 2	< 2	0	-					0.5	0.7	0.6
Upwind Scentometer Readings																		
Mulberry Ct. & Mulberry Way	C-1	0	0	-	-	-	-	-	-	-	< 2					0.0	1.0	0.7
Boulder & Parkside Dr.	C-2	0	0	-	-	-	-	-	-	-	< 2					0.0	1.0	0.7
Entrance to Steeplechase	C-3	0	0	-	-	-	-	-	-	-	0					0.0	0.0	0.0
Ridgewood Elementary School	C-4	0	0	-	-	-	-	-	-	-	< 2					0.0	1.0	0.7
Waterway Park on Ridgeway	C-5	0	0	-	0	0	0	0	-	-	< 2					0.0	0.5	0.3
Bayberry Way & Rose Terrace	C-6	0	0	-	0	0	0	0	-	-	< 2					0.0	0.5	0.3
NW Corner of Briar Ridge Ln.	C-7	0	0	-	0	< 2	0	< 2	-	-	0					1.3	0.0	0.6
Brier Ridge Ln. & Trail Entrance	C-8	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	0.0
Napier & Last Drive	C-10	0	0	-	-	-	-	-	0	0	< 2					0.0	0.7	0.4
Salem Rd. & Jessica J Ln	C-11	-	-	0	0	0	0	0	0	0	-					0.0	0.0	0.0
6 Mile & Pearl Street	C-12	-	-	0	0	< 2	0	0	0	0	-					0.5	0.0	0.3
Tamarack Trail	C-13	0	0	-	-	-	-	-	-	-	0					0.0	0.0	0.0
Starlite Run	C-14	0	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
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	< 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	0.0
Seven Mile & Napier Road	C-22	0	0	-	0	0	0	< 2	-	-	0					0.7	0.0	0.3
Ridgewood Ct. & Mulberry Way	C-23	0	0	-	-	-	-	-	-	-	< 2					0.0	1.0	0.7

Landfill Gas
 Fresh Garbage
 Compost
 05/22/18 p.m. - P-8 - Fresh Cut Grass
 05/25/18 a.m. - C-7 - Mulch
 Leachate
 Other (non landfill related odor)
 05/23/18 a.m. - P-18 - Moth Ball; P-4- Exhaust from Traffic
 05/25/18 p.m. - P-5/P-9/C-6 - Asphalt/Tar; C-5 - BBQ
 05/23/18 a.m. - C-7-Wood Mulch; C-12- Skunk
 05/24/18 a.m. - C-7 - Mulch; C-20- Mulch; C-22-Skunk
 05/25/18 p.m. - P-3/C-1/C-2/C-4/C-10/C-23 - Honey Suckle
 05/24/18 p.m. - P-7/C-2/C-4/C-6/C-23 - Asphalt/Tar

Number of Odor Complaints	05-21 Mon	05-22 Tue	05-23 Wed	05-24 Thu	05-25 Fri	05-26 Sat	05-27 Sun
	0	19	4	30	27	6	7

* Note: No odor readings were taken at all locations from May 26th morning to May 27th evening, due to Memorial Day Holidays.



Arbor Hills Landfill
Weekly Perimeter Locations Scentometer Readings
May 21-May 27 , 2018

Locations	05-21 Mon		05-22 Tue		05-23 Wed		05-24 Thu		05-25 Fri		05-26 Sat		05-27 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	ENE	NE	NW/SSW	NW	NW	NNW	NW	SSW	SW	NE								
Downwind Scentometer Readings																		
Napier Rd & Entrance to GLR	P-1	-	-	0	< 2	< 2	0	0	0	0	-					0.5	0.7	0.6
5 Mile Rd & Entr to Energy Ctr.	P-2	0	0	0	0	0	0	0	-	0					0.0	0.0	0.0	
5 Mile Rd & Utility Corridor	P-3	0	0	-	-	-	-	-	-	< 2					0.0	1.0	0.7	
6 Mile Rd & NW Corner of LF	P-4	0	0	-	-	-	-	-	-	0					0.0	0.0	0.0	
6 Mile Rd & LF Office	P-5	0	0	0	< 2	0	0	0	< 2	< 2					0.4	0.8	0.6	
6 Mile Rd & Napier Rd	P-6	-	-	0	0	< 2	< 2	< 2	< 2	< 2					1.5	1.3	1.4	
Napier & Private Road	P-7	-	-	< 2	< 2	< 2	0	< 2	< 2	0					1.5	1.3	1.4	
Napier & Railroad	P-8	-	-	0	< 2	0	0	0	0	-					0.0	0.7	0.3	
Napier & Entr to Composting	P-9	-	-	0	-	-	0	-	0	-					0.0	0.0	0.0	
Upwind Scentometer Readings																		
Napier Rd & Entrance to GLR	P-1	0	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	
5 Mile Rd & Utility Corridor	P-3	-	-	0	0	0	0	0	0	-					0.0	0.0	0.0	
6 Mile Rd & NW Corner of LF	P-4	-	-	0	0	< 2	0	0	0	-					0.5	0.0	0.3	
6 Mile Rd & LF Office	P-5	-	-	-	-	-	-	-	-	-					-	-	-	
6 Mile Rd & Napier Rd	P-6	0	0	-	-	-	-	-	-	0					0.0	0.0	0.0	
Napier & Private Road	P-7	0	0	-	-	-	-	-	-	0					0.0	0.0	0.0	
Napier & Railroad	P-8	0	0	-	-	-	-	-	-	0					0.0	0.0	0.0	
Napier & Entr to Composting	P-9	0	0	-	0	0	-	0	-	< 2					0.0	0.7	0.3	

Landfill Gas
 Fresh Garbage
 Compost
 05/22/18 p.m. - P-8 - Fresh Cut Grass
 05/25/18 a.m. - C-7 - Mulch
 Leachate
 Other (non landfill related odor)
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 05/25/18 p.m. - P-5/P-9/C-6 - Asphalt/Tar; C-5 - BBQ
 05/23/18 a.m. - C-7-Wood Mulch; C-12- Skunk
 05/25/18 p.m. - P-3/C-1/C-2/C-4/C-10/C-23 - Honey Suckle
 05/24/18 a.m. - C-7 - Mulch; C-20- Mulch; C-22-Skunk
 05/24/18 p.m. - P-7/C-2/C-4/C-6/C-23 - Asphalt/Tar

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	0	19	4	30	27	6	7

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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	Brier 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
& 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: 02-02-2018
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