Locating a Landfill in

Michigan

Fixing a historic problem in how we site and expand landfills

Background

- Michigan's Part 115 of the Natural Resources Environmental Protection Act (NREPA) has landfills completely controlled and sited by the county in which the landfill is located.
- Adjacent counties and local units of government have no say about a landfill beyond their respective borders
- Many landfills are on community borders as a result. There are dozens of landfills within 2 miles of an adjacent community.

Why This Creates Problems

- When landfills cause problems beyond traditional political communities have no remedies. boundaries (odors, view, truck traffic, etc.), neighboring
- Communities cannot enforce their nuisance or zoning ordinances beyond their borders
- through financial benefits without consideration for neighboring Landfill operators are often supported by host communities

Northville Township – An Example

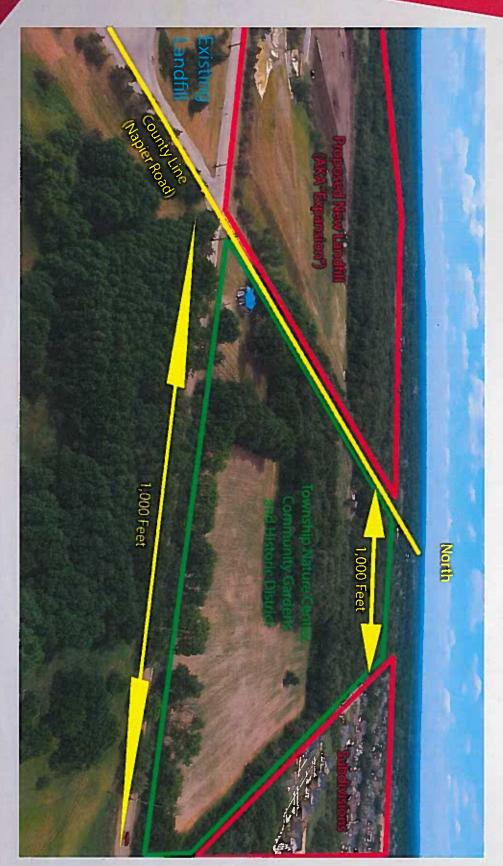


- Northville Township sits on the border of Wayne and Washtenaw Counties.
- The Arbor Hills Landfill in Washtenaw County is across a two-lane road, county border and has caused long-term nuisance issues for Northville Township residents in Wayne County.

Arbor Hills Landfill

- Attempted to expand despite having received over 50 violations from the EPA and EGLE. Source: Northville Township landfill cited 51 times for violating
- Heavy garbage truck traffic on the same road as, neighborhoods, a High School, and Elementary School.
- residents in 2019 alone. These odors have traveled up to two Over 3, 200 documented odor complaints from nearby MIIIes. source: https://www.michigan.gov/documents/egle/egle agd-year_in_review_zo19_686094_7.pdf

Arbor Hills Photos



Arbor Hills Photos



No Consent

- Wayne County's Northville Township, has no standing to manage the landfill through ordinance or regulation.
- Washtenaw County's Salem Township, hosting the landfill, gets millions in host fees and has fewer nuisance issues due to prevailing winds and a lower population.
- Should the landfill expand, which has been attempted recently, Northville Township residents and government will have zero ability to alter or stop the plans

Northville Township Isn't Alone

Over a dozen landfills are located on a county border

anifili Name	E Type	E County	County within 2 Miles	Downwind Community	Complex	3
Elk Run Landfill	=	Presque Isle	Cheboygan	Onaway	Schmidt	Alfor
Granger III	=	Clinton	Ingham	East Lansing	Hertel	Brixie
Venice Park Recycling & DF	=	Shiawassee	Genesee	Swartz Creek	Ananich	Сћепу
Venice Park Recycling & DF	=	Shiawassee	Genesee	Flushing	Horn	Cherry
City Environmental of Waters	=	Crawford	Otsego	Chester	Stamas	Cole
City Environmental of Waters	=	Crawford	Otsego	Otsego Lake	Stamas	Cole
Arbor Hills Landfill	ı	Washtenaw	Oakland	Novi	Runestad	Crawford
Midland City	=	Midland	Вау	Williams	Daley	Glenn
Pine Tree Acres	=	Macomb	St. Clair	Casco	Lauwers	Hornberger
Kent County DPW	=	Kent	Aflegan	Dorr	Nesbitt	Johnson
Autumn Hills Recycling/DF	=	Ottawa	Allegan	Leighton	Nesbitt	Johnson
Holland Public Wks Zeeland	Ξ	Ottawa	Allegan	Leighton	Nesbitt	Johnson
Venice Park Recycling & DF	=	Shiawassee	Genesee	Gaines Township	Nesbitt	Johnson
Arbor Hills Landfill	=	Washtenaw	Wayne	Northville Township	Polehanki	Koleszar
Arbor Hills Landfill	=	Washtenaw	Wayne	Plymouth	Polehanki	Koleszar
JH Campbell Power Plant	Ξ	Ottawa	Ottawa	Olive (crisp)	Victory	Allf
Pitsch Recycling	=	ionia	Montcalm	Fairplain	Outman	Lower
Venice Park Recycling & DF	=	Shiawassee	Genesee	Clayton	Horn	Mueller
Glens Sanitary	=	Leelenau	Benzie	Almira	VanderWall	O'Mailey
Hartlands Manistee	=	Manistee	Mason	Free Soil	VanderWall	O'Malley
H Campbell Power Plant	=	Ottawa	Ottawa/Allegan	New Holland	Victory	Slagh
Republic Whitefeather LF	=	Вау	Arenac	Standish	Stamas	Wentworth
lutumn Hills Recycling/DF	=	Ottawa	Allegan	Heath	Nesbitt	Whiteford
Holland Public Wks Zeeland	=	Ottawa	Allegan	Heath	Nesbitt	Whiteford
Autumn Hills Recycling/DF	=	Ottawa	Allegan	Otsego	Nesbitt	Whiteford
iolland Public Wks Zeeland	=	Ottawa	Allegan	Otsego	Nesbitt	Whiteford
Autumn Hills Recycling/DF	=	Ottawa	Allegan	New Salem (Burnips)	Victory	Whiteford
Holland Public Wks Zeeland	=	Ottawa	Allegan	New Salem (Burnips)	Victory	Whiteford
Autumn Hills Recycling/DF	=	Ottawa	Allegan	Overisel	Victory	Whiteford
Holland Dublic Wire Zapland		Ottawa	Allegan	Overice	No.	M/hisafand

*This list is only facilities on county borders, there are dozens more that are located within two miles of a border inside the same county

There Is A Way To Protect **Bordering Communities!**

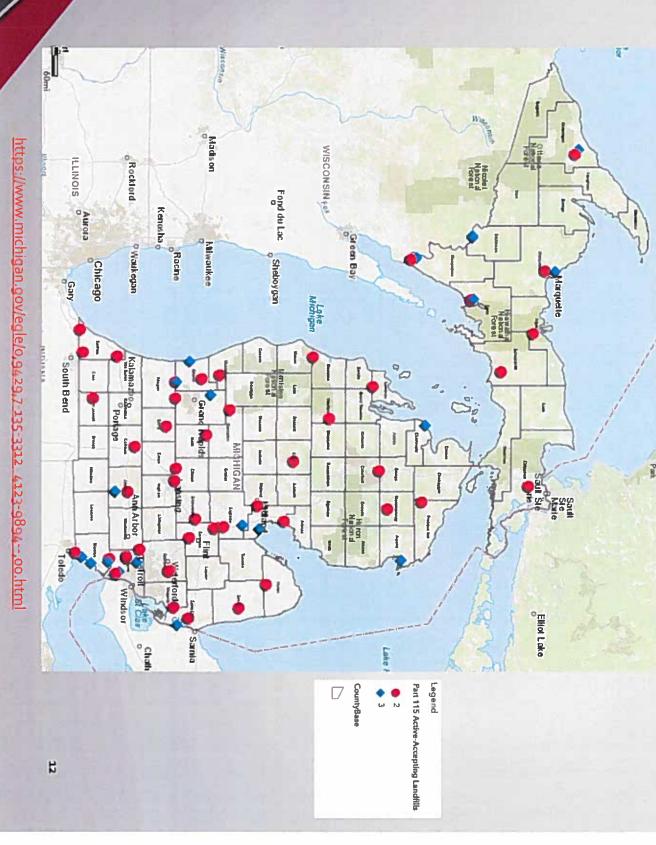
- expanding landfill will provide this protection Adding language to House Bill 5817 to require the consent of communities located within two miles of a new or
- Existing landfills will be allowed to continue their current proposed amendment. operations without new consent requirements under this

Suggested Language

Within Section 11578 in HB 5817, add a subsection which states:

body." solid waste facilities shall not be located within 2 through a resolution of their elected governing miles of the border of an adjacent municipality without the consent of the adjacent municipality "Expansion of existing solid waste facilities and new

Communities across Michigan are impacted by landfill placement!



Questions?

Supervisor Robert R. Nix Northville Township

248-318-1317 rnix@twp.northville.mi.us

Additional Arbor Hills Background

- Originally permitted in 1970 as Arbor Hills, the location was previously a gravel pit that was turned into a landfill. There was an expansion granted to go from 150 to 400 feet tall without the consent of neighboring communities.
- Ownership changed around 2015, which is when odor and gas complaints started. This is also when most violations started to occur.
- The EPA has mandated hydrogen sulfide gas monitoring at a nearby elementary school
- streams in the region. Most recently, the landfill operators have asked to dump treated eachate into the Johnson Creek, one of the last coldwater trout

Additional Sources

- during November Arbor Hills Landfill Receives Over 1,125 Odor Complaints
- s Enforcement Website
- Air Quality Moni g Placed At A Local School
- EGLE FAQ Sheet on Arbor Hill



NEIGHBORS COMPLAINING ABOUT ARBOR HILLS LANDFILL



June 5, 2020

Chair Howell and Vice-Chair Sowerby House Natural Resources Committee Michigan House of Representatives Lansing, Michigan

Reference: House Bills 5812-5817 (Legislation to update Michigan's Solid Waste/Materials

Management Rules)

Dear Chair Howell and Vice-Chair Sowerby:

Statement of Support

The Conservancy Initiative is in full support of adding language to House Bill 5817 as proposed by Northville Township, as follows:

"Expansion of existing solid waste facilities and new solid waste facilities shall not be located within two miles of the border of an adjacent municipality without the consent of the adjacent municipality through a resolution of their elected governing body"

Discussion

The Conservancy Initiative is an environmental nonprofit 501c(3) corporation located in Northville Township with a mission to improve the environment by working with neighbors, government entities, area businesses, and community leaders to create a clean and safe place to live and work. The Conservancy Initiative was formed in 2015 and successfully opposed the expansion of the Arbor Hills Landfill in 2016 with a passionate grassroots movement.

The Arbor Hills Landfill (Advanced Disposal Services) is located on the border of Salem Township in Washtenaw County and Northville Township in Wayne County. As the host communities, Salem Township and Washtenaw County control the process of approving any new landfill location and have received over \$3 Million in fees in 2019, as well as other amenities (i.e. - free disposal fees for Salem Township residents).

Northville Township is located due east (downwind) of the landfill, literally across the street from the landfill entrance, but has no input on landfill decisions. As previously noted, Advanced Disposal Services attempted to expand the landfill in 2016 to the property they own directly north of the existing landfill and is poised to expand in the future, which would certainly inflame the current situation.

The majority of the landfill truck traffic passes through Northville Township and Northville residents have suffered endlessly from terrible landfill odors/emissions while the landfill operates out of compliance with the regulations intended to protect the environment and health/safety of residents. The Arbor Hills site was recently added to EGLE's MPART list of PFAS contaminated sites when PFAS chemicals were discovered in the groundwater. The landfill is currently actively seeking permits to discharge treated leachate (containing PCBs, PFAS, and other toxic materials before treatment) into Wayne County's only cold water fishery, Johnson Creek.

Communities adjacent to landfills (within 2 miles) can be significantly impacted by landfills and therefore should be required to approve (or deny) a new landfill during the siting process.

The Conservancy Initiative would like to thank your entire committee for all the hard work spent crafting the legislative update to Michigan's Solid Waste/Materials Management Rules; the leadership of The Conservancy Initiative realizes that this has been a long and very difficult task.

The Conservancy Initiative would also like to thank Northville Township Supervisor Robert Nix, Representative Matt Koleszar, and Senator Dayna Polehanki for helping guide this proposed amendment to your committee. As we have explained, the amendment is very important to the residents of the Northville area. As Mr. Nix's presentation points out, there are over a dozen landfills located near county borders throughout Michigan that could have situations similar to Northville Township.

The Conservancy Initiative stands ready to help and can provide input in any format that may be beneficial. More detailed information about The Conservancy Initiative and the Arbor Hills Landfill can be found at: https://conservancyinitiative.org.

Please feel free to contact me if you feel my input would be beneficial.

Sincerely,

Ralph Lassel,

The Conservancy Initiative, President

ralph.g.lassel@gmail.com



215 W. Main Street * Northville, Michigan 48167-1540 Phone: (248) 349-1300 Fax: (248) 349-9244

Chair Howell and Vice Chair Sowerby House Natural Resources Committee Michigan House of Representatives Lansing, Michigan

June 5, 2020

<u>Reference</u>: House Bills 5812-5817 (Legislation to update Michigan's Solid Waste/Materials Management Laws)

Dear Chair Howell and Vice Chair Sowerby:

As the Mayor representing citizens of Northville, I want to thank the committee for all the hard work on crafting the legislative update to Michigan's Solid Waste/Materials Management Laws. I certainly realize this has been a long and somewhat arduous process.

I am writing to highlight my ongoing concern (Representing all the Citizens of Northville) with respect to the negative impact that the Arbor Hills landfill (Advanced Disposal Services – Salem Township) is having on the citizens of Northville, MI, who continue to be exposed to excessive odors/emissions emanating from the landfill operations.

Even with the best efforts of The Michigan Department of Environment, Great Lakes, and Energy (EGLE) and the EPA, the landfill continues to operate out of compliance, as documented by numerous violation notices concerning the regulations designed to protect the environment and surrounding communities.

Advanced Disposal Systems which owns the property directly north of the current landfill and has attempted to expand in the past, is poised to expand in the future, which is alarming to me and the community I represent as this would clearly only exacerbate the ongoing issues.

<u>I am therefore in full support of adding language to House Bill 5817 as proposed by Northville</u> Township, as follows:

"Expansion of existing solid waste facilities and new solid waste facilities shall not be located within two miles of the border of an adjacent municipality without the consent of the adjacent municipality through a resolution of their elected governing body."

Thank you in advance for your consideration and please feel free to contact me at your convenience if you would like to discuss further.

Sincerely,

Mayor Brian Turnbull

BTurnbull@ci.northville.mi.us

248 505-6849



CHARTER TOWNSHIP OF NORTHVILLE RESOLUTION 2016-088

WASHTENAW COUNTY SOLID WASTE PLANNING COMMISSION Position of Northville Township Concerning The Arbor Hills Landfill and proposed New Facility Siting

At a regular meeting of the Board of Trustees of the Charter Township of Northville, held on Thursday, August 18, 2016 at 7:00 p.m. at the Northville Township Hall, the following information was offered:

1. New Facility Siting Process: The Advanced Disposal facility "expansion" request on non-contiguous property north of SIx Mile Road is not an expansion of an existing facility, but rather a request for a New Facility that must go through the full Siting Process. Within the Siting Process, Advanced Disposal must address, among other things, a demonstration of deeded or titled ownership, leachate management and wetland mitigation. The proposed "expansion" property north of Six Mile is not contiguous to the existing Arbor Hills permitted footprint, and therefore cannot be considered an expansion without the vacation of the Six Mile right-of-way.

The following paragraphs detail why there is sufficient disposal capacity at both the current Arbor Hills Landfill and existing landfills in Wayne County to meet the statutory planning needs for the management of Washtenaw County Solid wastes for the next 10 years.

2. Background: The Arbor Hills landfill was started in 1970 by Holloway Sand and Gravel. In the mid-1980s, the site was sold to Browning Ferris Industries, Inc. (BFI), which continued operating the existing facility (Arbor Hills East) and also began construction on a new, 336-acre landfill (Arbor Hills West). At the time, there were approximately 80 homes in Northville Township within 2 miles of the site. The landfill changed hands multiple times after BFI sold the site in April of 2000. In 2009, the then-current owner (Veolia) requested an above-ground expansion to Arbor Hills West, promising there would be no further expansion of the site. Washtenaw County granted that request, allowing the landfill to reach a height of up to 500 feet above ground. At the time, there were 2,100 homes in Northville Township within 2 miles of the site.

Advanced Disposal bought the Arbor Hills site from Veolia in November of 2013. Fifteen months later, in February of 2015, Advanced asked that Washtenaw County modify its current Solid Waste Management Plan to allow for a new landfill north of Six Mile Road. This was done despite the documented capacity of Arbor Hills Landfill to meet the disposal needs of wastes generated within Washtenaw County. At the time of this request, there were thousands of homes in Northville Township within 2 miles of the existing site. This area also includes a Township Nature Center, 100 community gardens, numerous wetlands, Maybury State Park, and an elementary school. The Steeplechase neighborhood sits only 1,100 feet away from the eastern edge of the proposed new landfill.

3. <u>Purpose</u>: The main purpose of the County's Solid Waste Management Plan is to ensure that Washtenaw has adequate disposal capacity for any waste generated within the county. Protection of the public health and setting goals for waste prevention and recycling are recognized as important objectives as well. Historically, Washtenaw County has followed an integrated strategy in managing its solid waste stream, one that places waste prevention, reduction, recycling and composting at the top of the solid waste management hierarchy. Landfilling was to be de-emphasized as a waste management strategy, with landfill space to be utilized only to dispose of any solid waste remaining after various diversion strategies were developed to their fullest potential.

As recognized by the current Plan, Washtenaw County's solid waste management strategy "need[s] to be developed and implemented with due regard for both local conditions and the state and federal regulatory framework for protecting public health and the quality of the air, water and land." The Goals and Objectives of the Plan include "prevent[ing] adverse effects on the public health and the environment....so as to protect the quality of the air, land and ground surface waters."

- 4. <u>Capacity</u>: 40% of the waste generated by Washtenaw County was disposed of at Arbor Hills.¹ Notably, however, that amount represents only 10% of the total volume of waste accepted by Arbor Hills last year. Arbor Hills has reported over 23 million cubic yards of remaining capacity at its present site. Based on current disposal rates, it has an estimated 13 years of capacity remaining from all sources. With respect to waste generated by Washtenaw County alone, Arbor Hills has demonstrated disposal capacity well beyond the next 10 years.
- 5. Impacts: Concerns have been expressed that Northville residents should not have moved next to an existing landfill. Over the years, Northville Township expanded toward its border with Salem Township based upon the promise that there would be no further expansion of Arbor Hills, or the siting of new landfills in this area. The neighborhoods at issue were developed during the past 2 decades in reliance on the existing Arbor Hills landfill having a finite duration. Neither Northville Township nor its residents could control the fact that Washtenaw County permitted the landfill to expand above ground, adding 17 years to its capacity, in 2009. Similarly, no one could have anticipated that Advanced Disposal would seek approval for a new facility on property north of Six Mile. Had Northville Township known that there would be a proposal for a second landfill at some point in the future; other decisions would have been made for the development of this area. Going forward, the presence of a second landfill means this area will not likely be developed further in the future, resulting in the loss of needed tax revenue.

Siting a new landfill on acreage north of Six Mile Road would adversely impact our community without any consent, evaluation of impacts, or host agreement with Northville Township.² Residents in Northville Township (as well as Salem Township residents along Napier Road, Seven Mile Road, and Chubb Road) would face a number of difficult consequences, including increased exposure to gas emissions from an additional facility; a heavier volume of waste transportation vehicles moving along surrounding roads; and a reduction in both quality of life and property values.

¹ Of the remaining amount, 56% of Washtenaw County's waste was disposed of at the Woodland Meadows landfill in Wayne County.

² Note that the SWPC is required to include "2 people from any municipality located within (3) miles of the active work area of the proposed site..." But there are also thousands of homes in Wayne County within 2 miles of the proposed new landfill (as Indicated above), much less 3 miles. It is neither reasonable, nor fair, that these neighborhoods have no say in the process

'6. <u>Risks</u>: Washtenaw County has long been viewed as progressive in regards to environmental matters. Citizens within both Salem and Northville Townships—and throughout the State of Michigan—expect a certain level of environmental improvement from their communities. Landfilling is inconsistent with the County's past emphasis on waste reduction and recovery. Moreover, it is not environmentally sound. As recognized by the County's current Solid Waste Management Plan, reliance on landfilling increases the occurrence of adverse human and environmental health effects.³ Once the new site is designated as a landfill, the value of property in Northville Township may be lowered in the absence of some form of a Property Value Assurance Agreement between Advanced Disposal and Northville Township. Additionally, options for future use of the landfill property north of Six Mile would be limited.

The siting of a new landfill to the north of Arbor Hills creates long-term risks for both Salem and Northville Township. Having two landfills in this area doubles the potential for environmental problems 30 to 40 years in the future. In addition, long-term monitoring of the existing Arbor Hills site is already required of Advanced Disposal after the facility is closed. The financial burden—and scope of such monitoring upon Advanced Disposal will increase if a New Facility is constructed north of Six Mile, requiring separate closure and post closure commitments.

7. Options: Wayne County's Solid Waste Management Plan explicitly recognizes an import allowance of 2 million cubic yards per year from Washtenaw County. The export of solid waste to licensed disposal facilities in Wayne County is similarly authorized in Washtenaw's existing Plan. Of the 1.4 million cubic yards of waste generated by Washtenaw County in 2015, only 752,000 cubic yards were disposed of in Wayne County landfills. There is capacity for a significant, additional portion of Washtenaw County's waste stream to be disposed of in Wayne County. Washtenaw County has an existing contract with Wayne County that allows it to take advantage of this capacity.

Overall, the remaining cumulative capacity at all 4 active Wayne County landfills is more than 89 million cubic yards. The total regional landfill capacity for municipal solid waste (across Ingham, Jackson, Monroe, Oakland, Washtenaw and Wayne Counties) is currently more than 149 million cubic yards. An abundance of available landfill space exists across Southeast Michigan to handle the waste generated by Washtenaw County for the foreseeable future.

With no increased diversion, waste generation for Washtenaw County is projected to remain relatively stagnant through 2030. However, Washtenaw has already established significant infrastructure to support waste prevention, reduction, recycling and composting. The County's current solid waste management plan includes numerous efforts to promote reuse, reduction and recycling. If those efforts result in even a 10% increase in the diversion rate, the need for landfill capacity would be *reduced* in the next five years, and dramatically lessened overall. This, in turn, would diminish the need to utilize existing landfill space to dispose of solld waste (much less the proposed New Facility capacity).

Finally, as noted above, the majority of Washtenaw County's municipal solid waste is not being disposed of at Arbor Hills. The Agreement with Advanced Disposal provides for disposal of all waste generated within Washtenaw County's borders at the existing facility. Arbor Hills reportedly has 13 years of remaining capacity at its present site. Expanding the portion of the County's waste stream that is delivered to Arbor Hills would

³ See, e.g., the current Washtenaw County Solid Waste Management Plan at Appendix B, page B-5 ("There is strong evidence that landfill leachate contains harmful substances that affect humans and the environment through surface and groundwater contamination" and "The increased volume and complexity of the solid waste stream has led to environmental hazards and a threat to public health, reducing public acceptance of this disposal option")

⁶ Based on 2015 facility reports, Carleton Farms has 62.9 years of capacity remaining. Woodland Meadows reports 11 years, Riverview Land Preserve has 13.4 years, and Sauk Trail Hills has 16.2 years. Taken together, these existing landfill sites in Wayne County have over 103 years of remaining capacity.

allow the County to better manage its solid waste needs by utilizing its existing disposal sites without the need for a New Facility.

8. <u>Conclusion</u>: The purpose of the Washtenaw County Solid Waste Management Plan is to determine whether this group of communities has adequate disposal capacity for its solid waste over the next 10 years. Evidence presented to this Committee shows that the County has already met that goal. Washtenaw County generated 1.4 million cubic yards of solid waste last year. Not only does the existing Arbor Hills landfill have capacity to dispose of more waste from Washtenaw County than it currently receives, but the County also has existing contracts with Wayne County for disposal of 2 million additional cubic yards of waste annually. Simply put, there is sufficient capacity within Washtenaw County at this time, and arrangements for alternate disposal options are in effect. There is no need to approve the siting of a new landfill to meet the planning needs for management of Washtenaw County solid waste.

When a community places a landfill within two miles of a bordering County, there is a fundamental unfairness at play. Northville Township cannot participate in the planning process. Yet Northville Township and its residents will experience all the adverse consequences of living near a second landfill. The Trustees of Northville Township urge this Committee not to let financial considerations affect its obligations under the statute. Rather, the Trustees ask the Committee members to follow the purpose of the Plan, and not allow economics to dictate further adverse impacts to the residents of Northville Township.

NOW, THEREFORE, BE IT RESOLVED: Upon a motion by Treasurer Banner and a second of Trustee Shadko, to approve Resolution 2016-088 outlining Northville Township's position concerning the Arbor Hills landfill and the proposed new facility siting.

BE IT FURTHER RESOLVED: That the Township Clerk will sign and then forward the Resolution to the members of the Washtenaw County Solid Waste Planning Commission.

AYES:

16-

Hillebrand, Banner, Gans, Heath, Shadko

NAYS:

None

ABSENT:

Nix, Herrmann

RESOLUTION DECLARED ADOPTED:

I, Sue A. Hillebrand, Clerk of the Charter Township of Northville, County of Wayne, State of Michigan, do hereby certify that the foregoing is a true and complete copy of a resolution of action approved by the Board of Trustees at their regular meeting held on August 18, 2016 at 44405 Six Mile Road, Northville, Michigan 48168.

Sue A. Hillebrand, Clerk Charter Township of Northville

Sund Killsbrond

RESOLUTION 2016-117

At a regular meeting of the Board of Trustees of the Charter Township of Northville, held on Thursday, November 17, 2016 at 7:00 p.m. at the Northville Township Hall, the following information was offered:

WHEREAS: the Arbor Hills Landfill is a 337 acre, 300+ feet high, Class II municipal solid waste disposal site, located in Salem Township, Washtenaw County, immediately adjacent to and upwind from Northville Township, and,

WHEREAS: on September 29, 2016, the U. S. Environmental Protection Agency (EPA) issued a Finding of Violation to the owner of the Arbor Hills gas collection system, BFI Waste Systems AKA Republic Services, and,

WHEREAS: the Finding of Violation included the following items:

Failure to Install a Proper Active Collection System,

Failure to Minimize Off-Site Gas Migration,

Failure to Submit Timely Alternative Compliance Timeline (ACT) Requests,

Failure to Perform Timely Performance Tests for Control Devices,

Failure to Properly Operate Gas Control System,

Failure to Properly Operate Gas Collection System, and,

WHEREAS: the Finding of Violation enumerated the following environmental impacts which can result from these failures: Volatile organic compounds contribute to ozone formation, hazardous air pollutant emissions can lead to adverse health effects, methane emissions contribute to global climate change, fugitive emissions of Land Fill Gas from the Landfill to the local community have resulted in over 200 odor complaints - (note: as of EPA document dated 9/29/16), and,

WHEREAS: there have been 48 additional odor complaints filed with Northville Township since October 28, 2016 and 422 complaints filed with the DEQ-Air Quality Division as of November 4, 2016.

NOW THEREFORE BE IT RESOLVED: The Board of Trustees of the Charter Township of Northville Michigan strongly urge the U. S. Environmental Protection Agency to aggressively and swiftly pursue the remediation of these issues with the operators of the Arbor Hills landfill and its gas handling system.

AYES:

Nix. Hillebrand, Banner, Heath, Herrmann, Shadko

NAYS: ABSENT: None Gans

RESOLUTION DECLARED ADOPTED:

I, Sue A. Hillebrand, Clerk of the Charter Township of Northville, County of Wayne, State of Michigan, do hereby certify that the foregoing is a true and complete copy of a resolution of action approved by the Board of Trustees at their regular meeting held on November 17, 2016 at 44405 Six Mile Road, Northville, Michigan 48168.

Sue A. Hillebrand, M.M.C.