

December 10, 2020

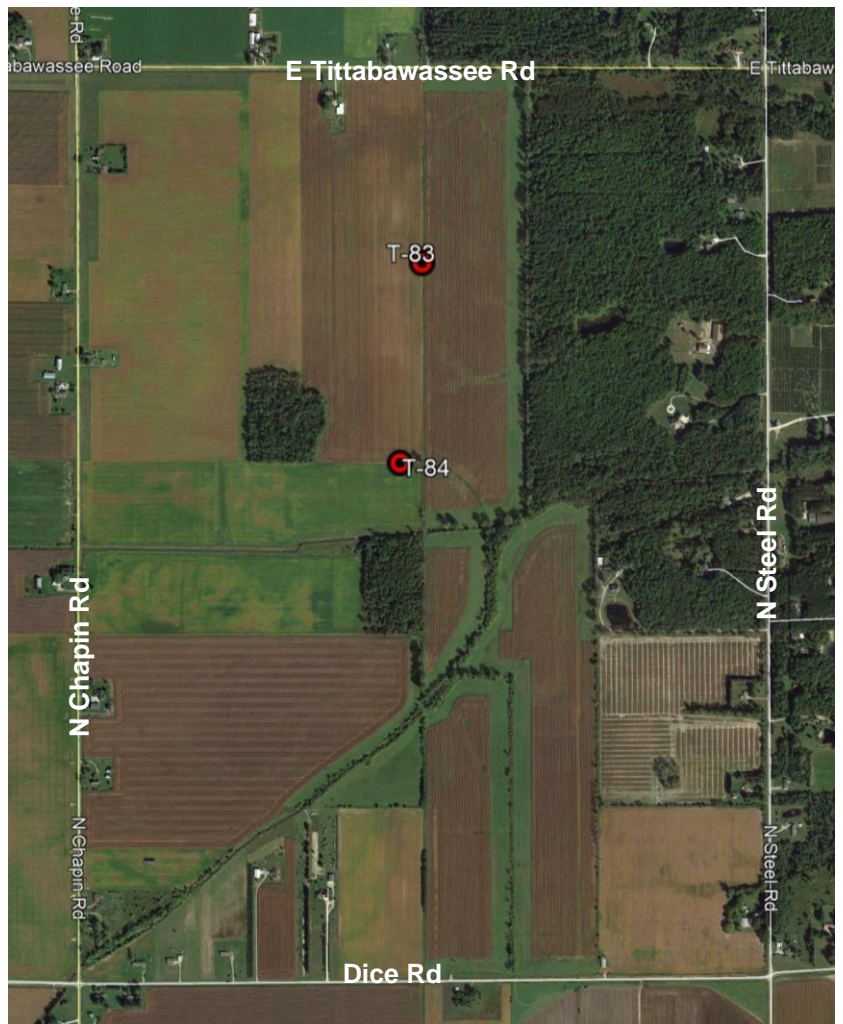
JONESFIELD TOWNSHIP – SECTION 1

The comments below are based on conformance with the Jonesfield Township Zoning Ordinance and the approved Nov 18 resolution that incorporates DTE’s design parameters, for Turbines T-83 and T-84 in Section 1.

Review Standards:

For the purpose of this review, parcels with participation agreements are considered non-participating. Participation status was determined by the Special Land Use Permit and Appendix A of the application. The applicant has identified several parcels under participation agreements, and has indicated they consider these to be part of the application. Properties that were not included in the Special Land Use permit are not part of this request.

A summary of how the proposed wind turbines comply with Section 612(l) of the Jonesfield Township zoning ordinance requirements and DTE’s design parameters is provided below. Items highlighted in **green** comply with the zoning ordinance. Items in **pink** need further consideration.



**Table 1 - Township Zoning Standards
Section 1**

Standards	Zoning Requirements	T-83 (499')	T-84 (499')
Setback from Property Lines	(499')* 1.0x Tip Height**	0' *** 0' ***	0' *** 171' *** 0' *** 171' ***
Setback from Road Right-of-Way	(499')* 1.0x Tip Height**	1,445'	2,450'
Sound	60 dBA	NRO Mode 105	NRO Mode 105
*Based off tallest turbine model GE 2.82-127 - tip height of 499'. Vestas turbine has a tip height of 492'.			
**Tip Height is defined as the distance between the ground and the highest point of the WTGs			
***On October 29, 2020, the ZBA granted variance(s) for various setback(s) from property lines.			

A summary of how the proposed wind turbines comply with the design parameters proposed by DTE in the May 15, 2019 memo and incorporated as requirements detailed in the November 18 SUP resolution is provided below. Items highlighted in **green** comply with the zoning ordinance. Items in **pink** need further consideration.

Table 2 - DTE Design Parameters Section 1			
Standards	Requirements	T-83 (499')	T-84 (499')
Turbine Spacing	1,000 Feet Apart	1,535'	1,535'
Turbine Height*	500 Feet	499'	499'
Setback from Public Roads	(748.5)* 1.5x Tip Height**	1,445'	2,450'
Setback from Non-participating Parcels	(748.5)* 1.5x Tip Height	815'	990'
Setback from an Inhabited Structure on a Non-Participating Parcel***	1,320 Feet	1,445'	1,860'
Setback from an Inhabited Structure on a Participating Parcel***	1,000 Feet	Greater than 1,000'	Greater than 1,000'
Setback from a Village	1,320 Feet	4.45 miles	4.15 miles
Shadow Flicker	30 Hours per Year	Turbine contributes to shadow flicker of over 30 hours on the surrounding homes	Turbine contributes to shadow flicker of over 30 hours on the surrounding homes
Sound at Non-Participating Property Lines	55 dBA	NRO Mode 105	NRO Mode 105
Sound at Non-Participating Inhabited Structures	45 dBA	NRO Mode 105 – <i>See comment below</i>	NRO Mode 105 – <i>See comment below</i>
*Based off tallest turbine model GE 2.82-127 - tip height of 499'. Vestas turbine has a tip height of 492'.			
**Tip Height is defined as the distance between the ground and the highest point of the WTGs			
***Inhabited Structure defined as residence, school, hospital, church or public library, or any other occupied buildings			

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Additional Considerations for Review:

Sound at Non-Participating Inhabited Structures – Receptor 1410 (non-participating home) north of Turbines 83 and 84 is indicated to receive 45 dBA in Table 4 of the sound model. However on Figure 9, the receptor is clearly located inside the 45 dBA contour line. The applicant needs to clarify this discrepancy. If the receptor exceeds the 45 dBA limit, the applicant shall implement additional noise reduction measures.

Section 907(4)(E) of the zoning ordinance states any improvements shall maintain stormwater run-off at a pre-development rate and should not have any off-site impacts. At this time, DTE has not provided documentation to demonstrate compliance with this requirement.

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JONESFIELD TOWNSHIP – SECTION 2

The comments below are based on conformance with the Jonesfield Township Zoning Ordinance and the approved Nov 18 resolution that incorporates DTE’s design parameters, for Turbines T-79 and T-80 in Section 2.

Review Standards:

For the purpose of this review, parcels with participation agreements are considered non-participating. Participation status was determined by the Special Land Use Permit and Appendix A of the application. The applicant has identified several parcels under participation agreements, and has indicated they consider these to be part of the application. Properties that were not included in the Special Land Use permit are not part of this request.

A summary of how the proposed wind turbines comply with Section 612(l) of the Jonesfield Township zoning ordinance requirements and DTE’s design parameters is provided below. Items highlighted in **green** comply with the zoning ordinance. Items in **pink** need further consideration.



Table 1 - Township Zoning Standards Section 2			
Standards	Zoning Requirements	T-79 (499')	T-80 (499')
Setback from Property Lines	(499')* 1.0x Tip Height**	75' *** 247' *** 257' ***	408' ***
Setback from Road Right-of-Way	(499')* 1.0x Tip Height**	2,345'	1,830'
Sound	60 dBA	NRO Mode 105	NRO Mode 106
*Based off tallest turbine model GE 2.82-127 - tip height of 499'. Vestas turbine has a tip height of 492'.			
**Tip Height is defined as the distance between the ground and the highest point of the WTGs			
***On October 29, 2020, the ZBA granted variance(s) for various setback(s) from property lines.			

A summary of how the proposed wind turbines comply with the design parameters proposed by DTE in the May 15, 2019 memo and incorporated as requirements detailed in the November 18 SUP resolution is provided below. Items highlighted in **green** comply with the zoning ordinance. Items in **pink** need further consideration.

Table 2 - DTE Design Parameters Section 2			
Standards	Requirements	T-79 (499')	T-80 (499')
Turbine Spacing	1,000 Feet Apart	2,240'	2,205'
Turbine Height*	500 Feet	499'	499'
Setback from Public Roads	(748.5)* 1.5x Tip Height**	2,345'	1,830'
Setback from Non-participating Parcels	(748.5)* 1.5x Tip Height	905'	765'
Setback from an Inhabited Structure on a Non-Participating Parcel***	1,320 Feet	2,265'	1,715'
Setback from an Inhabited Structure on a Participating Parcel***	1,000 Feet	Greater than 1,000'	Greater than 1,000'
Setback from a Village	1,320 Feet	3.77 miles	4.19 miles
Shadow Flicker	30 Hours per Year	Turbine contributes to shadow flicker of over 30 hours on the surrounding homes	Turbine contributes to shadow flicker of over 30 hours on the surrounding homes
Sound at Non-Participating Property Lines	55 dBA	NRO Mode 105	NRO Mode 105
Sound at Non-Participating Inhabited Structures	45 dBA	NRO Mode 105	NRO Mode 105
*Based off tallest turbine model GE 2.82-127 - tip height of 499'. Vestas turbine has a tip height of 492'.			
**Tip Height is defined as the distance between the ground and the highest point of the WTGs			
***Inhabited Structure defined as residence, school, hospital, church or public library, or any other occupied buildings			

Additional Considerations for Review:

Section 907(4)(E) of the zoning ordinance states any improvements shall maintain stormwater run-off at a pre-development rate and should not have any off-site impacts. At this time, DTE has not provided documentation to demonstrate compliance with this requirement.

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JONESFIELD TOWNSHIP – SECTION 3

The comments below are based on conformance with the Jonesfield Township Zoning Ordinance and the approved Nov 18 resolution that incorporates DTE’s design parameters, for Turbines T-71, T-72, T-73, and T-74 in Section 3.

Review Standards:

For the purpose of this review, parcels with participation agreements are considered non-participating. Participation status was determined by the Special Land Use Permit and Appendix A of the application. The applicant has identified several parcels under participation agreements, and has indicated they consider these to be part of the application. Properties that were not included in the Special Land Use permit are not part of this request.

A summary of how the proposed wind turbines comply with Section 612(l) of the Jonesfield Township zoning ordinance requirements and DTE’s design parameters is provided below. Items highlighted **green** comply with the zoning ordinance. Items in **pink** need further consideration.



Table 1 - Township Zoning Standards Section 3

Standards	Zoning Requirements	T-71 (499')	T-72 (499')	T-73 (499')	T-74 (499')
Setback from Property Lines	(499')* 1.0x Tip Height**	72' *** 293' ***	0' *** 74' *** 0' *** 74' ***	0' *** 0' ***	69' ***
Setback from Road Right-of-Way	(499')* 1.0x Tip Height**	1,210'	1,555'	1,840'	1,350'
Sound	60 dBA	NRO Mode 105	NRO Mode 105	NRO Mode 105	NRO Mode 105

*Based off tallest turbine model GE 2.82-127 - tip height of 499'. Vestas turbine has a tip height of 492'.

**Tip Height is defined as the distance between the ground and the highest point of the WTGs

***On October 29, 2020, the ZBA granted variance(s) for various setback(s) from property lines.

A summary of how the proposed wind turbines comply with the design parameters proposed by DTE in the May 15, 2019 and incorporated as requirements detailed in the November 18 SUP resolution is provided below. Items highlighted in **green** comply with the zoning ordinance. Items in **pink** need further consideration.

Table 2 - DTE Design Parameters Section 3					
Standards	Requirements	T-71 (499')	T-72 (499')	T-73 (499')	T-74 (499')
Turbine Spacing	1,000 Feet Apart	2,110'	2,110'	1,280'	1,280'
Turbine Height*	500 Feet	499'	499'	499'	499'
Setback from Public Roads	(748.5)* 1.5x Tip Height**	1,210'	1,555'	1,840'	1,350'
Setback from Non-participating Parcels	(748.5)* 1.5x Tip Height	765'	1,585'	780'	1,050'
Setback from an Inhabited Structure on a Non-Participating Parcel***	1,320 Feet	1,355'	1,660'	1,725'	1,455'
Setback from an Inhabited Structure on a Participating Parcel***	1,000 Feet	Greater than 1,000'	Greater than 1,000'	Greater than 1,000'	Greater than 1,000'
Setback from a Village	1,320 Feet	4.34 miles	4.27 miles	3.76 miles	3.52 miles
Shadow Flicker	30 Hours per Year	Turbine contributes to shadow flicker of over 30 hours on the surrounding homes	Turbine contributes to shadow flicker of over 30 hours on the surrounding homes	Turbine contributes to shadow flicker of over 30 hours on the surrounding homes	Turbine contributes to shadow flicker of over 30 hours on the surrounding homes
Sound at Non-Participating Property Lines	55 dBA	NRO Mode 105	NRO Mode 105	NRO Mode 105	NRO Mode 105
Sound at Non-Participating Inhabited Structures	45 dBA	NRO Mode 105 – See comment below	NRO Mode 105 – See comment below	NRO Mode 105	NRO Mode 105
*Based off tallest turbine model GE 2.82-127 - tip height of 499'. Vestas turbine has a tip height of 492'.					
**Tip Height is defined as the distance between the ground and the highest point of the WTGs					
***Inhabited Structure defined as residence, school, hospital, church or public library, or any other occupied buildings					

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Additional Considerations for Review:

Sound at Non-participating Inhabited Structures – Receptor 1050 is labeled as participating in the Sound Model and is expected to receive 46 dBA. However, this receptor is not part of the Special Land Use Permit application and therefore, not participating. The applicant shall implement additional noise reduction measures to meet the 45 dBA requirement.

Section 907(4)(E) of the zoning ordinance states any improvements shall maintain stormwater run-off at a pre-development rate and should not have any off-site impacts. At this time, DTE has not provided documentation to demonstrate compliance with this requirement.

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JONESFIELD TOWNSHIP – SECTION 4

The comments below are based on conformance with the Jonesfield Township Zoning Ordinance and the approved Nov 18 resolution that incorporates DTE’s design parameters, for Turbines T-62, T-63, T-64, and T-65 in Section 4.

Review Standards:

For the purpose of this review, parcels with participation agreements are considered non-participating. Participation status was determined by the Special Land Use Permit and Appendix A of the application. The applicant has identified several parcels under participation agreements, and has indicated they consider these to be part of the application. Properties that were not included in the Special Land Use permit are not part of this request.

A summary of how the proposed wind turbines comply with Section 612(l) of the Jonesfield Township zoning ordinance requirements and DTE’s design parameters is provided below. Items highlighted in **green** comply with the zoning ordinance. Items in **pink** need further consideration.



Table 1 - Township Zoning Standards Section 4					
Standards	Zoning Requirements	T-62 (499')	T-63 (499')	T-64 (499')	ALT-T-65 (499')
Setback from Property Lines	(499')* 1.0x Tip Height**	0' ***	0' *** 350' *** 0' *** 350' ***	550'	0' *** 0' ***
Setback from Road Right-of-Way	(499')* 1.0x Tip Height**	1,525'	2,465'	1,585'	1,155'
Sound	60 dBA	NRO Mode 105	NRO Mode 105	NRO Mode 105	NRO Mode 105
*Based off tallest turbine model GE 2.82-127 - tip height of 499'. Vestas turbine has a tip height of 492'.					
**Tip Height is defined as the distance between the ground and the highest point of the WTGs					
***On October 29, 2020, the ZBA granted variance(s) for various setback(s) from property lines.					

A summary of how the proposed wind turbines comply with the design parameters proposed by DTE in the May 15, 2019 memo and incorporated as requirements detailed in the November 18 SUP resolution is provided below. Items highlighted in **green** comply with the zoning ordinance. Items in **pink** need further consideration.

Table 2 - DTE Design Parameters Section 4					
Standards	Requirements	T-62 (499')	T-63 (499')	T-64 (499')	ALT-T-65 (499')
Turbine Spacing	1,000 Feet Apart	1,345'	1,345'	1,390'	1,835'
Turbine Height*	500 Feet	499'	499'	499'	499'
Setback from Public Roads	(748.5)* 1.5x Tip Height**	1,525'	2,465'	1,585'	1,155'
Setback from Non-participating Parcels	(748.5)* 1.5x Tip Height	1,790'	1,000'	765'	1,115'
Setback from an Inhabited Structure on a Non-Participating Parcel***	1,320 Feet	1,850'	2,380'	1,690'	1,360'
Setback from an Inhabited Structure on a Participating Parcel***	1,000 Feet	Greater than 1,000'	Greater than 1,000'	Greater than 1,000'	Greater than 1,000'
Setback from a Village	1,320 Feet	4.43 miles	4.21 miles	4.00 miles	4.35 miles
Shadow Flicker	30 Hours per Year	Turbine contributes to shadow flicker of over 30 hours on the surrounding homes	Turbine contributes to shadow flicker of over 30 hours on the surrounding homes	Turbine contributes to shadow flicker of over 30 hours on the surrounding homes	Turbine contributes to shadow flicker of over 30 hours on the surrounding homes
Sound at Non-Participating Property Lines	55 dBA	NRO Mode 105	NRO Mode 105	NRO Mode 105	NRO Mode 105
Sound at Non-Participating Inhabited Structures	45 dBA	NRO Mode 105 - See comment below	NRO Mode 105	NRO Mode 105	NRO Mode 105 - See comment below
*Based off tallest turbine model GE 2.82-127 - tip height of 499'. Vestas turbine has a tip height of 492'.					
**Tip Height is defined as the distance between the ground and the highest point of the WTGs					
***Inhabited Structure defined as residence, school, hospital, church or public library, or any other occupied buildings					

Additional Considerations for Review:

Sound at Non-participating Inhabited Structures – Receptor 1047 is labeled as participating in the Sound Model and is expected to receive 46 dBA. However, this receptor is not part of the Special Land Use Permit application and therefore, not participating. The applicant shall implement additional noise reduction measures to meet the 45 dBA requirement.

Sound at Non-participating Inhabited Structures – Receptor 1045 is considered a participant agreement parcel in the Sound Model and is expected to receive 46.7 dBA. However, this receptor is not part of the Special Land Use Permit application and therefore, not participating. The applicant shall implement additional noise reduction measures to meet the 45 dBA requirement.

Shadow Flicker – In Appendix A of the shadow flicker report, Receptor 748 is modeled to have 26.5 hours of shadow flicker. However, the contour map of Section 4, it appears the red 30-hour contour line crosses directly over the home. The applicant needs to clarify this discrepancy. If the receptor exceeds the 30-hour limit, the applicant shall implement shadow flicker mitigation measures for this home.

Section 907(4)(E) of the zoning ordinance states any improvements shall maintain stormwater run-off at a pre-development rate and should not have any off-site impacts. At this time, DTE has not provided documentation to demonstrate compliance with this requirement.

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JONESFIELD TOWNSHIP – SECTION 9

The comments below are based on conformance with the Jonesfield Township Zoning Ordinance and the approved Nov 18 resolution that incorporates DTE’s design parameters, for Turbines T-66 and T-67 in Section 9.

Review Standards:

For the purpose of this review, parcels with participation agreements are considered non-participating. Participation status was determined by the Special Land Use Permit and Appendix A of the application. The applicant has identified several parcels under participation agreements, and has indicated they consider these to be part of the application. Properties that were not included in the Special Land Use permit are not part of this request.



A summary of how the proposed wind turbines comply with Section 612(l) of the Jonesfield Township zoning ordinance requirements and DTE;s design parameters is provided below. Items highlighted in **green** comply with the zoning ordinance. Items in **pink** need further consideration.

Table 1 - Township Zoning Standards Section 9			
Standards	Zoning Requirements	T-66 (499')	T-67 (499')
Setback from Property Lines	(499')*	0' ***	0' ***
	1.0x Tip Height**	0' ***	0' ***
Setback from Road Right-of-Way	(499')* 1.0x Tip Height**	1,805'	1,340'
Sound	60 dBA	NRO Mode 105	NRO Mode 105
*Based off tallest turbine model GE 2.82-127 - tip height of 499'. Vestas turbine has a tip height of 492'.			
**Tip Height is defined as the distance between the ground and the highest point of the WTGs			
***On October 29, 2020, the ZBA granted variance(s) for various setback(s) from property lines.			

A summary of how the proposed wind turbines comply with the design parameters proposed by DTE in the May 15, 2019 memo and incorporated as requirements detailed in the November 18 SUP resolution is provided below. Items highlighted in **green** comply with the zoning ordinance. Items in **pink** need further consideration.

Table 2 - DTE Design Parameters Section 9			
Standards	Requirements	T-66 (499')	T-67 (499')
Turbine Spacing	1,000 Feet Apart	1,405'	1,405'
Turbine Height*	500 Feet	499'	499'
Setback from Public Roads	(748.5)* 1.5x Tip Height**	1,805'	1,340'
Setback from Non-participating Parcels	(748.5)* 1.5x Tip Height	815'	1,265'
Setback from an Inhabited Structure on a Non-Participating Parcel***	1,320 Feet	1,710'	1,580'
Setback from an Inhabited Structure on a Participating Parcel***	1,000 Feet	Greater than 1,000'	Greater than 1,000'
Setback from a Village	1,320 Feet	3.02 miles	2.75 miles
Shadow Flicker	30 Hours per Year	Turbine contributes to shadow flicker of over 30 hours on the surrounding homes	Turbine contributes to shadow flicker of over 30 hours on the surrounding homes
Sound at Non-Participating Property Lines	55 dBA	NRO Mode 105	NRO Mode 105
Sound at Non-Participating Inhabited Structures	45 dBA	NRO Mode 105 - See comment below	NRO Mode 105 - See comment below
*Based off tallest turbine model GE 2.82-127 - tip height of 499'. Vestas turbine has a tip height of 492'.			
**Tip Height is defined as the distance between the ground and the highest point of the WTGs			
***Inhabited Structure defined as residence, school, hospital, church or public library, or any other occupied buildings			

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Additional Considerations for Review:

Sound at Non-participating Inhabited Structures – Receptor 1873 is a non-participating parcel and is expected to receive 46 dBA. The applicant shall implement additional noise reduction measures to meet the 45 dBA requirement.

Section 907(4)(E) of the zoning ordinance states any improvements shall maintain stormwater run-off at a pre-development rate and should not have any off-site impacts. At this time, DTE has not provided documentation to demonstrate compliance with this requirement.

December 10, 2020

JONESFIELD TOWNSHIP – SECTION 10

The comments below are based on conformance with the Jonesfield Township Zoning Ordinance and the approved Nov 18 resolution that incorporates DTE’s design parameters, for Turbines T-75 and T-76 in Section 10.

Review Standards:

For the purpose of this review, parcels with participation agreements are considered non-participating. Participation status was determined by the Special Land Use Permit and Appendix A of the application. The applicant has identified several parcels under participation agreements, and has indicated they consider these to be part of the application. Properties that were not included in the Special Land Use permit are not part of this request.



A summary of how the proposed wind turbines comply with Section 612(l) of the Jonesfield Township zoning ordinance requirements and DTE’s design parameters is provided below. Items highlighted in **green** comply with the zoning ordinance. Items in **pink** need further consideration.

Table 1 - Township Zoning Standards Section 10			
Standards	Zoning Requirements	T-75 (499')	T-76 (499')
Setback from Property Lines	(499')* 1.0x Tip Height**	0' *** 0' ***	108' ***
Setback from Road Right-of-Way	(499')* 1.0x Tip Height**	1,290'	1,550'
Sound	60 dBA	NRO Mode 105	NRO Mode 105
*Based off tallest turbine model GE 2.82-127 - tip height of 499'. Vestas turbine has a tip height of 492'.			
**Tip Height is defined as the distance between the ground and the highest point of the WTGs			
***On October 29, 2020, the ZBA granted variance(s) for various setback(s) from property lines.			

A summary of how the proposed wind turbines comply with the design parameters proposed by DTE in the May 15, 2019 memo and incorporated as requirements detailed in the November 18 SUP resolution is provided below. Items highlighted in **green** comply with the zoning ordinance. Items in **pink** need further consideration.

Table 2 - DTE Design Parameters Section 10			
Standards	Requirements	T-75 (499')	T-76 (499')
Turbine Spacing	1,000 Feet Apart	2,475'	2,475'
Turbine Height*	500 Feet	499'	499'
Setback from Public Roads	(748.5)* 1.5x Tip Height**	1,290'	1,550'
Setback from Non-participating Parcels	(748.5)* 1.5x Tip Height	765'	770'
Setback from an Inhabited Structure on a Non-Participating Parcel***	1,320 Feet	1,415'	1,490'
Setback from an Inhabited Structure on a Participating Parcel***	1,000 Feet	Greater than 1,000'	Greater than 1,000'
Setback from a Village	1,320 Feet	2.52 miles	2.96 miles
Shadow Flicker	30 Hours per Year	Turbine contributes to shadow flicker of over 30 hours on the surrounding homes	Turbine contributes to shadow flicker of over 30 hours on the surrounding homes
Sound at Non-Participating Property Lines	55 dBA	NRO Mode 105	NRO Mode 105
Sound at Non-Participating Inhabited Structures	45 dBA	NRO Mode 105 - See comment below	NRO Mode 105 - See comment below
*Based off tallest turbine model GE 2.82-127 - tip height of 499'. Vestas turbine has a tip height of 492'.			
**Tip Height is defined as the distance between the ground and the highest point of the WTGs			
***Inhabited Structure defined as residence, school, hospital, church or public library, or any other occupied buildings			

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Additional Considerations for Review:

Sound at Non-participating Inhabited Structures – Receptor 1873 is a non-participating parcel and is expected to receive 46 dBA. The applicant shall implement additional noise reduction measures to meet the 45 dBA requirement.

The applicant has a proposed a substation in this Section. That site plan will be reviewed at a later meeting.

Section 907(4)(E) of the zoning ordinance states any improvements shall maintain stormwater run-off at a pre-development rate and should not have any off-site impacts. At this time, DTE has not provided documentation to demonstrate compliance with this requirement.

December 10, 2020

JONESFIELD TOWNSHIP – SECTION 11

The comments below are based on conformance with the Jonesfield Township Zoning Ordinance and the approved Nov 18 resolution that incorporates DTE’s design parameters, for Turbine T-81 in Section 11.

Review Standards:

For the purpose of this review, parcels with participation agreements are considered non-participating. Participation status was determined by the Special Land Use Permit and Appendix A of the application. The applicant has identified several parcels under participation agreements, and has indicated they consider these to be part of the application. Properties that were not included in the Special Land Use permit are not part of this request.



A summary of how the proposed wind turbine complies with Section 612(l) of the Jonesfield Township zoning ordinance requirements and DTE’s design parameters is provided below. Items highlighted in **green** comply with the zoning ordinance. Items in **pink** need further consideration.

Table 1 - Township Zoning Standards Section 11		
Standards	Zoning Requirements	T-81 (492')
Setback from Property Lines	(492')* 1.0x Tip Height**	0' ***
		345' ***
		0' ***
		345' ***
Setback from Road Right-of-Way	(492')* 1.0x Tip Height**	1,300'
Sound	60 dBA	Normal Operation
*Based off tallest turbine model GE 2.82-127 - tip height of 499'. Vestas turbine has a tip height of 492'.		
**Tip Height is defined as the distance between the ground and the highest point of the WTGs		
***On October 29, 2020, the ZBA granted variance(s) for various setback(s) from property lines.		

A summary of how the proposed wind turbines comply with the design parameters proposed by DTE in the May 15, 2019 memo and incorporated as requirements detailed in the November 18 SUP resolution is provided below. Items highlighted in **green** comply with the zoning ordinance. Items in **pink** need further consideration.

Table 2 - DTE Design Parameters Section 11		
Standards	Requirements	T-81 (492')
Turbine Spacing	1,000 Feet Apart	3,250'
Turbine Height*	500 Feet	492'
Setback from Public Roads	(738)* 1.5x Tip Height**	1,300'
Setback from Non-participating Parcels	(738)* 1.5x Tip Height	1,360'
Setback from an Inhabited Structure on a Non-Participating Parcel***	1,320 Feet	2,150'
Setback from an Inhabited Structure on a Participating Parcel***	1,000 Feet	Greater than 1,000'
Setback from a Village	1,320 Feet	2.50 miles
Shadow Flicker	30 Hours per Year	Meets Requirements
Sound at Non-Participating Property Lines	55 dBA	Normal Operation
Sound at Non-Participating Inhabited Structures	45 dBA	Normal Operation
*Based off tallest turbine model GE 2.82-127 - tip height of 499'. Vestas turbine has a tip height of 492'.		
**Tip Height is defined as the distance between the ground and the highest point of the WTGs		
***Inhabited Structure defined as residence, school, hospital, church or public library, or any other occupied buildings		

Additional Considerations for Review:

Section 907(4)(E) of the zoning ordinance states any improvements shall maintain stormwater run-off at a pre-development rate and should not have any off-site impacts. At this time, DTE has not provided documentation to demonstrate compliance with this requirement.

December 10, 2020

JONESFIELD TOWNSHIP – SECTION 13

The comments below are based on conformance with the Jonesfield Township Zoning Ordinance and the approved Nov 18 resolution that incorporates DTE’s design parameters, for Turbines T-85 and T-86 in Section 13.

Review Standards:

For the purpose of this review, parcels with participation agreements are considered non-participating. Participation status was determined by the Special Land Use Permit and Appendix A of the application. The applicant has identified several parcels under participation agreements, and has indicated they consider these to be part of the application. Properties that were not included in the Special Land Use permit are not part of this request.



A summary of how the proposed wind turbines comply with Section 612(l) of the Jonesfield Township zoning ordinance requirements and DTE parameters is provided below. Items highlighted in **green** comply with the zoning ordinance. Items in **pink** need further consideration.

Table 1 - Township Zoning Standards Section 13			
Standards	Zoning Requirements	T-85 (492')	T-86 (492')
Setback from Property Lines	(492')* 1.0x Tip Height**	925'	0' *** 327' *** 0' *** 327' ***
Setback from Road Right-of-Way	(492')* 1.0x Tip Height**	1,625'	1,635'
Sound	60 dBA	Normal Operation	Normal Operation
*Based off tallest turbine model GE 2.82-127 - tip height of 499'. Vestas turbine has a tip height of 492'.			
**Tip Height is defined as the distance between the ground and the highest point of the WTGs			
***On October 29, 2020, the ZBA granted variance(s) for various setback(s) from property lines.			

A summary of how the proposed wind turbines comply with the design parameters proposed by DTE in the May 15, 2019 memo and incorporated as requirements detailed in the November 18 SUP resolution is provided below. Items highlighted in **green** comply with the zoning ordinance. Items in **pink** need further consideration.

Table 2 - DTE Design Parameters Section 13			
Standards	Requirements	T-85 (492')	T-86 (492')
Turbine Spacing	1,000 Feet Apart	2,200'	2,200'
Turbine Height*	500 Feet	492'	492'
Setback from Public Roads	(738)* 1.5x Tip Height**	1,625'	1,635'
Setback from Non-participating Parcels	(738)* 1.5x Tip Height	920'	995'
Setback from an Inhabited Structure on a Non-Participating Parcel***	1,320 Feet	1,720'	1,635'
Setback from an Inhabited Structure on a Participating Parcel***	1,000 Feet	Greater than 1,000'	Greater than 1,000'
Setback from a Village	1,320 Feet	1.88 miles	2.25 miles
Shadow Flicker	30 Hours per Year	Turbine contributes to shadow flicker of over 30 hours on the surrounding homes	Turbine contributes to shadow flicker of over 30 hours on the surrounding homes
Sound at Non-Participating Property Lines	55 dBA	Normal Operation	Normal Operation
Sound at Non-Participating Inhabited Structures	45 dBA	Normal Operation	Normal Operation
*Based off tallest turbine model GE 2.82-127 - tip height of 499'. Vestas turbine has a tip height of 492'.			
**Tip Height is defined as the distance between the ground and the highest point of the WTGs			
***Inhabited Structure defined as residence, school, hospital, church or public library, or any other occupied buildings			

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Additional Considerations for Review:

Shadow Flicker – In Appendix A of the shadow flicker report, Receptor 1050 is modeled to have 28.6 hours of shadow flicker. However, the contour map of Section 13, it appears the red 30-hour contour line crosses directly over the home. The applicant needs to clarify this discrepancy. If the receptor exceeds the 30-hour limit, the applicant shall implement shadow flicker mitigation measures for this home.

Section 907(4)(E) of the zoning ordinance states any improvements shall maintain stormwater run-off at a pre-development rate and should not have any off-site impacts. At this time, DTE has not provided documentation to demonstrate compliance with this requirement.

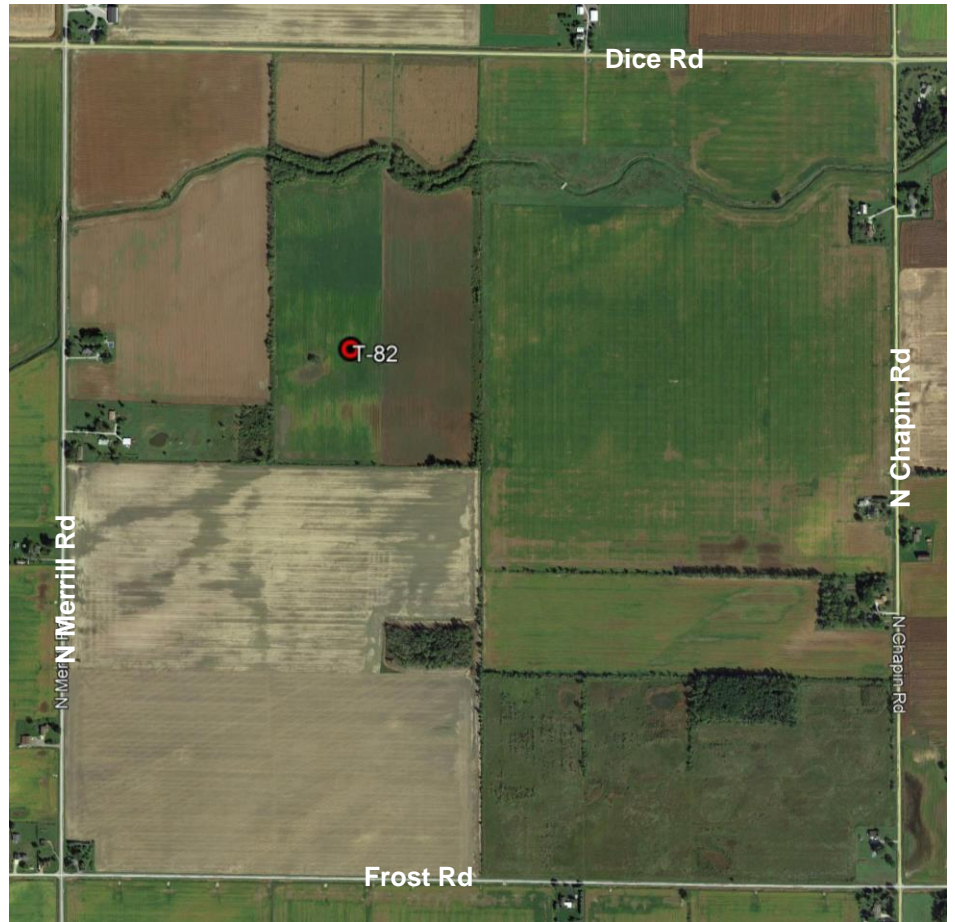
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JONESFIELD TOWNSHIP – SECTION 14

The comments below are based on conformance with the Jonesfield Township Zoning Ordinance and the approved Nov 18 resolution that incorporates DTE’s design parameters, for Turbines T-82 in Section 14.

Review Standards:

For the purpose of this review, parcels with participation agreements are considered non-participating. Participation status was determined by the Special Land Use Permit and Appendix A of the application. The applicant has identified several parcels under participation agreements, and has indicated they consider these to be part of the application. Properties that were not included in the Special Land Use permit are not part of this request.



A summary of how the proposed wind turbine complies with Section 612(l) of the Jonesfield Township zoning ordinance requirements and DTE’s design parameters is provided below. Items highlighted in **green** comply with the zoning ordinance. Items in **pink** need further consideration.

Table 1 - Township Zoning Standards Section 14		
Standards	Zoning Requirements	T-82 (492')
Setback from Property Lines	(492')* 1.0x Tip Height**	510'
Setback from Road Right-of-Way	(492')* 1.0x Tip Height**	1,810'
Sound	60 dBA	Normal Operation
*Based off of tallest turbine model GE 2.82-127 - tip height of 499'. Vestas turbine has a tip height of 492'.		
**Tip Height is defined as the distance between the ground and the highest point of the WTGs		

A summary of how the proposed wind turbines comply with the design parameters proposed by DTE in the May 15, 2019 memo and incorporated as requirements detailed in the November 18 SUP resolution is provided below. Items highlighted in **green** comply with the zoning ordinance. Items in **pink** need further consideration.

Table 2 - DTE Design Parameters Section 14		
Standards	Requirements	T-82 (492')
Turbine Spacing	1,000 Feet Apart	3,235'
Turbine Height*	500 Feet	492'
Setback from Public Roads	(738')* 1.5x Tip Height**	1,810'
Setback from Non-participating Parcels	(738')* 1.5x Tip Height	815'
Setback from an Inhabited Structure on a Non-Participating Parcel***	1,320 Feet	1,655'
Setback from an Inhabited Structure on a Participating Parcel***	1,000 Feet	Greater than 1,000'
Setback from a Village	1,320 Feet	1.89 miles
Shadow Flicker	30 Hours per Year	Turbine contributes to shadow flicker of over 30 hours on the surrounding homes
Sound at Non-Participating Property Lines	55 dBA	Normal Operation
Sound at Non-Participating Inhabited Structures	45 dBA	Normal Operation
*Based off tallest turbine model GE 2.82-127 - tip height of 499'. Vestas turbine has a tip height of 492'.		
**Tip Height is defined as the distance between the ground and the highest point of the WTGs		
***Inhabited Structure defined as residence, school, hospital, church or public library, or any other occupied buildings		

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Additional Considerations for Review:

Shadow Flicker – In Appendix A of the shadow flicker report, Receptor 1148 is modeled to have 28.7 hours of shadow flicker. However, the contour map of Section 14, it appears the red 30-hour contour line crosses directly over the home. The applicant needs to clarify this discrepancy. If the receptor exceeds the 30-hour limit, the applicant shall implement shadow flicker mitigation measures for this home.

Section 907(4)(E) of the zoning ordinance states any improvements shall maintain stormwater run-off at a pre-development rate and should not have any off-site impacts. At this time, DTE has not provided documentation to demonstrate compliance with this requirement.

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JONESFIELD TOWNSHIP – SECTION 16

The comments below are based on conformance with the Jonesfield Township Zoning Ordinance and the approved Nov 18 resolution that incorporates DTE’s design parameters, for Turbines T-68 and T-69 in Section 16.

Review Standards:

For the purpose of this review, parcels with participation agreements are considered non-participating. Participation status was determined by the Special Land Use Permit and Appendix A of the application. The applicant has identified several parcels under participation agreements, and has indicated they consider these to be part of the application. Properties that were not included in the Special Land Use permit are not part of this request.



A summary of how the proposed wind turbines comply with Section 612(i) of the Jonesfield Township zoning ordinance requirements and DTE’s design parameters is provided below. Items highlighted in **green** comply with the zoning ordinance. Items in **pink** need further consideration.

Table 1 - Township Zoning Standards Section 16			
Standards	Zoning Requirements	T-68 (492')	T-69 (499')
Setback from Property Lines	(499')* 1.0x Tip Height**	69' ***	68' ***
Setback from Road Right-of-Way	(499')* 1.0x Tip Height**	1,520'	1,230'
Sound	60 dBA	Normal Operation	NRO Mode 105
*Based off tallest turbine model GE 2.82-127 - tip height of 499'. Vestas turbine has a tip height of 492'.			
**Tip Height is defined as the distance between the ground and the highest point of the WTGs			
***On October 29, 2020, the ZBA granted variance(s) for various setback(s) from property lines.			

A summary of how the proposed wind turbines comply with the design parameters proposed by DTE in the May 15, 2019 memo and incorporated as requirements detailed in the November 18 SUP resolution is provided below. Items highlighted in **green** comply with the zoning ordinance. Items in **pink** need further consideration.

Table 2 - DTE Design Parameters Section 16			
Standards	Requirements	T-68 (492')	T-69 (499')
Turbine Spacing	1,000 Feet Apart	2,380'	2,380'
Turbine Height*	500 Feet	492'	499'
Setback from Public Roads	(748.5)* 1.5x Tip Height**	1,520'	1,230'
Setback from Non-participating Parcels	(748.5)* 1.5x Tip Height	1,025'	900'
Setback from an Inhabited Structure on a Non- Participating Parcel***	1,320 Feet	1,480'	1,365'
Setback from an Inhabited Structure on a Participating Parcel***	1,000 Feet	Greater than 1,000'	Greater than 1,000'
Setback from a Village	1,320 Feet	2.15 miles	2.19 miles
Shadow Flicker	30 Hours per Year	Turbine contributes to shadow flicker of over 30 hours on the surrounding homes	Turbine contributes to shadow flicker of over 30 hours on the surrounding homes
Sound at Non-Participating Property Lines	55 dBA	Normal Operation	NRO Mode 105
Sound a Non-Participating Inhabited Structures	45 dBA	Normal Operation	NRO Mode 105
*Based off tallest turbine model GE 2.82-127 - tip height of 499'. Vestas turbine has a tip height of 492'.			
**Tip Height is defined as the distance between the ground and the highest point of the WTGs			
***Inhabited Structure defined as residence, school, hospital, church or public library, or any other occupied buildings			

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Additional Considerations for Review:

Shadow Flicker - In Appendix A of the shadow flicker report, Receptor 1191 is modeled to have 29.4 hours of shadow flicker. However, the contour map of Section 16, it appears the red 30-hour contour line crosses directly over the home. The applicant needs to clarify this discrepancy. If the receptor exceeds the 30-hour limit, the applicant shall implement shadow flicker mitigation measures for this home.

Section 907(4)(E) of the zoning ordinance states any improvements shall maintain stormwater run-off at a pre-development rate and should not have any off-site impacts. At this time, DTE has not provided documentation to demonstrate compliance with this requirement.

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JONESFIELD TOWNSHIP – SECTION 21

The comments below are based on conformance with the Jonesfield Township Zoning Ordinance and the approved Nov 18 resolution that incorporates DTE’s design parameters, for Turbines T-70 in Section 21.

Review Standards:

For the purpose of this review, parcels with participation agreements are considered non-participating. Participation status was determined by the Special Land Use Permit and Appendix A of the application. The applicant has identified several parcels under participation agreements, and has indicated they consider these to be part of the application. Properties that were not included in the Special Land Use permit are not part of this request.



A summary of how the proposed wind turbine complies with Section 612(I) of the Jonesfield Township zoning ordinance requirements and DTE’s design parameters is provided below. Items highlighted in **green** comply with the zoning ordinance. Items in **pink** need further consideration.

Table 1 - Township Zoning Standards Section 21		
Standards	Zoning Requirements	T-70 (492')
Setback from Property Lines	(492')* 1.0x Tip Height**	915'
Setback from Road Right-of-Way	(492')* 1.0x Tip Height**	1,080'
Sound	60 dBA	Normal Operation
*Based off tallest turbine model GE 2.82-127 - tip height of 499'. Vestas turbine has a tip height of 492'.		
**Tip Height is defined as the distance between the ground and the highest point of the WTGs		
***On October 29, 2020, the ZBA granted variance(s) for various setback(s) from property lines.		

A summary of how the proposed wind turbines comply with the design parameters proposed by DTE in the May 15, 2019 memo and incorporated as requirements detailed in the November 18 SUP resolution is provided below. Items highlighted in **green** comply with the zoning ordinance. Items in **pink** need further consideration.

Table 2 - DTE Design Parameters Section 21		
Standards	Requirements	T-70 (492')
Turbine Spacing	1,000 Feet Apart	3,245'
Turbine Height*	500 Feet	492'
Setback from Public Roads	(738')* 1.5x Tip Height**	1,080'
Setback from Non-participating Parcels	(738')* 1.5x Tip Height	905'
Setback from an Inhabited Structure on a Non-Participating Parcel***	1,320 Feet	1,490'
Setback from an Inhabited Structure on a Participating Parcel***	1,000 Feet	Greater than 1,000'
Setback from a Village	1,320 Feet	1.34 miles
Shadow Flicker	30 Hours per Year	Turbine contributes to shadow flicker of over 30 hours on the surrounding homes
Sound at Non-Participating Property Lines	55 dBA	Normal Operation
Sound a Non-Participating Inhabited Structures	45 dBA	Normal Operation
*Based off tallest turbine model GE 2.82-127 - tip height of 499'. Vestas turbine has a tip height of 492'.		
**Tip Height is defined as the distance between the ground and the highest point of the WTGs		
***Inhabited Structure defined as residence, school, hospital, church or public library, or any other occupied buildings		

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Additional Considerations for Review:

Shadow Flicker – In Appendix A of the shadow flicker report, Receptor 1210 is modeled to have 27.5 hours of shadow flicker. However, the contour map of Section 4, it appears the red 30-hour contour line crosses directly over the home. The applicant needs to clarify this discrepancy. If the receptor exceeds the 30-hour limit, the applicant shall implement shadow flicker mitigation measures for this home.

Section 907(4)(E) of the zoning ordinance states any improvements shall maintain stormwater run-off at a pre-development rate and should not have any off-site impacts. At this time, DTE has not provided documentation to demonstrate compliance with this requirement.

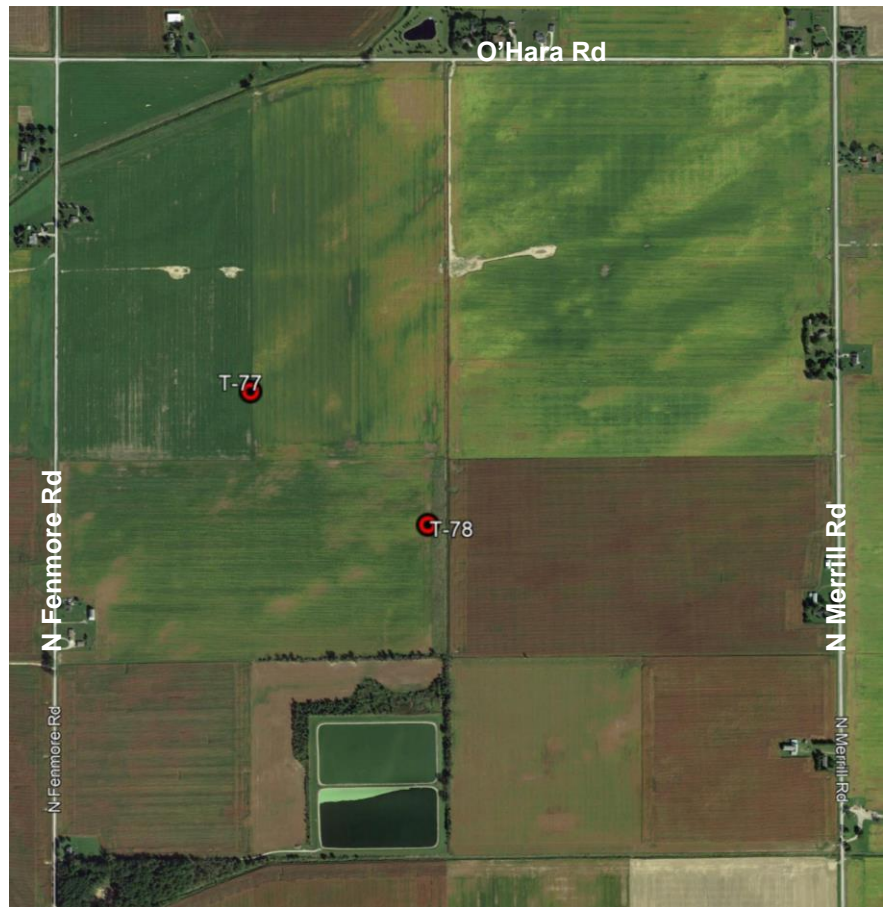
December 10, 2020

JONESFIELD TOWNSHIP – SECTION 22

The comments below are based on conformance with the Jonesfield Township Zoning Ordinance and the approved Nov 18 resolution that incorporates DTE’s design parameters, for Turbines T-77 and T-78 in Section 22.

Review Standards:

For the purpose of this review, parcels with participation agreements are considered non-participating. Participation status was determined by the Special Land Use Permit and Appendix A of the application. The applicant has identified several parcels under participation agreements, and has indicated they consider these to be part of the application. Properties that were not included in the Special Land Use permit are not part of this request.



A summary of how the proposed wind turbines comply with Section 612(l) of the Jonesfield Township zoning ordinance requirements and DTE’s design parameters is provided below. Items highlighted in **green** comply with the zoning ordinance. Items in **pink** need further consideration.

Table 1 - Township Zoning Standards Section 22			
Standards	Zoning Requirements	T-77 (492')	T-78 (492')
Setback from Property Lines	(492')* 1.0x Tip Height**	0' ***	127' ***
		469' ***	429' ***
		0' ***	448' ***
		469' ***	
Setback from Road Right-of-Way	(492')* 1.0x Tip Height**	1,295'	2,485'
Sound	60 dBA	Normal Operation	Normal Operation
*Based off tallest turbine model GE 2.82-127 - tip height of 499'. Vestas turbine has a tip height of 492'.			
**Tip Height is defined as the distance between the ground and the highest point of the WTGs			
***On October 29, 2020, the ZBA granted variance(s) for various setback(s) from property lines.			

A summary of how the proposed wind turbines comply with the design parameters proposed by DTE in the May 15, 2019 memo and incorporated as requirements detailed in the November 18 SUP resolution is provided below. Items highlighted in **green** comply with the zoning ordinance. Items in **pink** need further consideration.

Table 2 - DTE Design Parameters Section 22			
Standards	Requirements	T-77 (492')	T-78 (492')
Turbine Spacing	1,000 Feet Apart	1,485'	1,485'
Turbine Height*	500 Feet	492'	492'
Setback from Public Roads	(738)* 1.5x Tip Height**	1,295'	2,485'
Setback from Non-participating Parcels	(738)* 1.5x Tip Height	1,325'	900'
Setback from an Inhabited Structure on a Non-Participating Parcel***	1,320 Feet	1,605'	2,440'
Setback from an Inhabited Structure on a Participating Parcel***	1,000 Feet	Greater than 1,000'	Greater than 1,000'
Setback from a Village	1,320 Feet	0.88 miles	0.67 miles
Shadow Flicker	30 Hours per Year	Turbine contributes to shadow flicker of over 30 hours on the surrounding homes	Turbine contributes to shadow flicker of over 30 hours on the surrounding homes
Sound at Non-Participating Property Lines	55 dBA	Normal Operation	Normal Operation
Sound a Non-Participating Inhabited Structures	45 dBA	Normal Operation	Normal Operation
*Based off tallest turbine model GE 2.82-127 - tip height of 499'. Vestas turbine has a tip height of 492'.			
**Tip Height is defined as the distance between the ground and the highest point of the WTGs			
***Inhabited Structure defined as residence, school, hospital, church or public library, or any other occupied buildings			

Additional Considerations for Review:

Section 907(4)(E) of the zoning ordinance states any improvements shall maintain stormwater run-off at a pre-development rate and should not have any off-site impacts. At this time, DTE has not provided documentation to demonstrate compliance with this requirement.

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JONESFIELD TOWNSHIP – SECTION 24

The comments below are based on conformance with the Jonesfield Township Zoning Ordinance and the approved Nov 18 resolution that incorporates DTE’s design parameters for Turbines T-87 and T-88 in Section 24.

Review Standards:

For the purpose of this review, parcels with participation agreements are considered non-participating. Participation status was determined by the Special Land Use Permit and Appendix A of the application. The applicant has identified several parcels under participation agreements, and has indicated they consider these to be part of the application. Properties that were not included in the Special Land Use permit are not part of this request.



A summary of how the proposed wind turbines comply with Section 612(l) of the Jonesfield Township zoning ordinance requirements and DTE’s design parameters is provided below. Items highlighted in **green** comply with the zoning ordinance. Items in **pink** need further consideration.

Table 1 - Township Zoning Standards Section 24			
Standards	Zoning Requirements	T-87 (492')	T-88 (492')
Setback from Property Lines	(492')* 1.0x Tip Height**	159' ***	515'
Setback from Road Right-of-Way	(492')* 1.0x Tip Height**	1,855'	1,850'
Sound	60 dBA	Normal Operation	Normal Operation
*Based off tallest turbine model GE 2.82-127 - tip height of 499'. Vestas turbine has a tip height of 492'.			
**Tip Height is defined as the distance between the ground and the highest point of the WTGs			
***On October 29, 2020, the ZBA granted variance(s) for various setback(s) from property lines.			

A summary of how the proposed wind turbines comply with the design parameters proposed by DTE in the May 15, 2019 memo and incorporated as requirements detailed in the November 18 SUP resolution is provided below. Items highlighted in **green** comply with the zoning ordinance. Items in **pink** need further consideration.

Table 2 - DTE Design Parameters Section 24			
Standards	Requirements	T-87 (492')	T-88 (492')
Turbine Spacing	1,000 Feet Apart	1,950'	1,990'
Turbine Height*	500 Feet	492'	492'
Setback from Public Roads	(738')* 1.5x Tip Height**	1,855'	1,850'
Setback from Non-participating Parcels	(738')* 1.5x Tip Height	785'	775'
Setback from an Inhabited Structure on a Non-Participating Parcel***	1,320 Feet	2,220'	1,715'
Setback from an Inhabited Structure on a Participating Parcel***	1,000 Feet	Greater than 1,000'	Greater than 1,000'
Setback from a Village	1,320 Feet	1.33 miles	1.16 miles
Shadow Flicker	30 Hours per Year	Turbine contributes to shadow flicker of over 30 hours on the surrounding homes	Turbine contributes to shadow flicker of over 30 hours on the surrounding homes
Sound at Non-Participating Property Lines	55 dBA	Normal Operation	Normal Operation
Sound a Non-Participating Inhabited Structures	45 dBA	Normal Operation	Normal Operation
*Based off tallest turbine model GE 2.82-127 - tip height of 499'. Vestas turbine has a tip height of 492'.			
**Tip Height is defined as the distance between the ground and the highest point of the WTGs			
***Inhabited Structure defined as residence, school, hospital, church or public library, or any other occupied buildings			

Additional Considerations for Review:

Section 907(4)(E) of the zoning ordinance states any improvements shall maintain stormwater run-off at a pre-development rate and should not have any off-site impacts. At this time, DTE has not provided documentation to demonstrate compliance with this requirement.

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To: Jonesfield Township Planning Commission
From: Alan Bean, AICP – Spicer Group, Project Planner (alanb@spicergroup.com)
Jennifer Stewart, AICP – Spicer Group, Community Planner (jennifer.stewart@spicergroup.com)
RE: Review of DTE's Meridian Wind Park Special Land Use Permit Application – Site Plan Review

Review Standards:

For the purpose of this review, parcels with participation agreements are considered non-participating. Participation status was determined by the Special Land Use Permit and Appendix A of the application. The applicant has identified several parcels under participation agreements, and has indicated they consider these to be part of the application. Properties that were not included in the Special Land Use permit are not part of this request.

A summary of how the proposed wind turbines comply with Section 612(l) of the Jonesfield Township zoning ordinance requirements and DTE's design parameters is provided in the previous reports. Some additional considerations for the Planning Commission follow.

Additional Considerations for Review:

- Section 907(4)(E) of the zoning ordinance states any improvements shall maintain the stormwater run-off system at a pre-development rate and should not have any off-site impacts. At this time, DTE has not provided the documentation showing the proposed improvements meet this requirement.
- The Applicant has proposed noise reduced operation on several proposed turbines, however, there are four receptors that do not meet their self-imposed design parameters of 45 dBA at non-participating inhabited structures. The applicant shall be required to further mitigate the sound effecting these homes to ensure compliance with the 45 dBA requirement. The applicant shall also provide an updated sound modeling analysis that shows compliance with the approved special use permit. The receptors are:
 - Receptor 1410 (Section 1)
 - Receptor 1050 (Section 3)
 - Receptor 1047 (Section 4)
 - Receptor 1045 (Section 4)
- The applicant has agreed to shadow flicker mitigation if any home receives more than 30 hours of shadow flicker per year. They have provided a shadow flicker model that highlights how much shadow flicker each home in the Township is predicted to receive. However, we notice several inconsistencies between the Appendix A and Appendix B of that model. The applicant shall submit an updated model that clarifies the inconsistencies with the receptors listed below. If, after further review, these homes are modeled to receive more than 30 hours per year, the applicant shall implement the same mitigation measures as proposed for the other identified receptors.
 - SR 748 (Section 4)
 - SR 1050 (Section 13)
 - SR 1148 (Section 14)
 - SR 1191 (Section 16)
 - SR 1210 (Section 21)

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- The applicant shall submit updated site plans that include the turbine model and height for each proposed turbine.
- The applicant is required to seek any applicable permits related to the construction of these turbines from the following jurisdictions: Saginaw County Road Commission, Saginaw County Drain Commission, and the MDEQ.