

FAX 810-231-4295 PHONE 810-231-1000 P.O. Box 157 10405 Merrill Road Hamburg, Michigan 48139

HAMBURG TOWNSHIP

APPLICATION FOR A ZONING BOARD OF APPEALS (ZBA) VARIANCE/INTERPRETATION (FEE \$500 plus \$50 each additional)

1. Date Filed: 12/04/23	
2. Tax ID #: 15-27-401-037Subdivision: Bob White BeachLot No.	p.: 35
3. Address of Subject Property: 10910 Bob White Beach	
4. Property Owner: Scott Greenhalgh	Phone: (H) 614-496-8581
Email Address: scottgreenhalgh@spectrum.net	(W)
Street: 10910 Bob White Beach	City: Whitmore Lake State MI
5. Appellant (If different than owner): Same as Owner	
E-mail Address:	
Street:	
6. Year Property was Acquired: 2023Zoning District: WF	
7. Size of Lot: Front 50'Rear 50'Side 1 90' Side 2 90'	
11. Dimensions of Existing Structure (s) 1st Floor2nd Floor	
12. Dimensions of Proposed Structure (s) 1st Floor2nd Floor	
13. Present Use of Property: Personal Residence	
14. Percentage of Existing Structure (s) to be demolished, if any 100%	
15. Has there been any past variances on this property? Yes No X	_
16. If so, state case # and resolution of variance application	
17. Please indicate the type of variance or zoning ordinance interpretation reque	ested:
Variance to build garage within 50 ft of regulated wetlands, with a variance of	f 160 sq ft larger than allowed 800 sq ft.

- 18. Please explain how the project meets each of the following standards:
 - a) That there are exceptional or extraordinary circumstances or conditions applicable to the property involved that do not apply generally to other properties in the same district or zone.
- See Attachment
 - b) That such variance is necessary for the preservation and enjoyment of a substantial property right possessed by other property in the same zone and vicinity. The possibility of increased financial return shall not be deemed sufficient to warrant a variance.

See Attachment

c) That the granting of such variance or modification will not be materially detrimental to the public welfare or materially injurious to the property or improvements in such zone or district in which the property is located.

See Attachment

d) That the granting of such variance will not adversely affect the purpose or objectives of the master plan of the Township.

See Attachment

e) That the condition or situation of the specific piece of property, or the intended use of said property, for which the variance is sought, is not of so general or recurrent a nature.

See Attachment

f) Granting the variance shall not permit the establishment with a district of any use which is not permitted by right within the district;

See Attachment

g) The requested variance is the minimum necessary to permit reasonable use of the land.

See Attachment

• I hereby certify that I am the owner of the subject property or have been authorized to act on behalf of the owner(s) and that all of the statements and attachments are true and correct to the best of my knowledge and belief.

· I acknowledge that approval of a variance only grants that which was presented to the ZBA.

• I acknowledge that I have reviewed the Hamburg Township Zoning Ordinance, The ZBA Application and the ZBA Checklist and have submitted all of the required information.

• I acknowledge that filing of this application grants access to the Township to conduct onsite investigation of the property in order to review this application.

• I understand that the house or property must be marked with the street address clearly visible from the roadway.

• I understand that there will be a public hearing on this item and that either the property owner or appellants shall be in attendance at that hearing.

• I understand that a Land Use Permit is required prior to construction if a variance is granted.

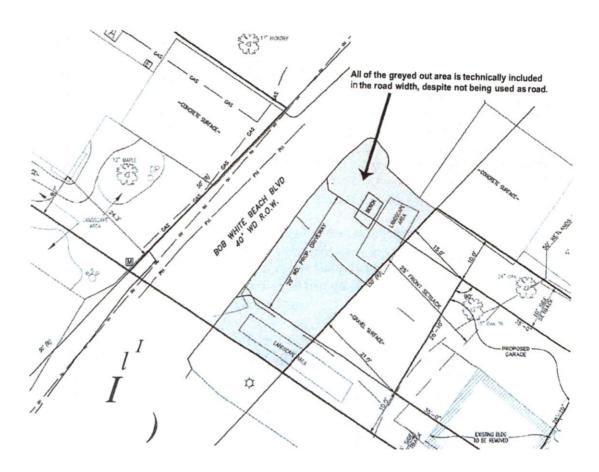
Date

ZBA Case Number

18. a) That there are exceptional or extraordinary circumstances or conditions applicable to the property involved that do not apply generally to other properties in the same district or zone.

On the southern half of Bob White Beach, lakefront homes have their garages in back, across the street. Our lot happens to have what may be the smallest piece of land for its garage; 50 by 90 foot. Normally, that would allow for the construction of a 30 by 40-foot garage. However, because the lot is in the shape of a slanted rectangle (parallelogram), that is not possible. The practical difficulty of building an asymmetric parallelogram shaped structure to follow the shape of this lot would render conformity unnecessarily burdensome.

By allowing the garage to encroach the 50-foot setback of wetlands, it would allow for a rectangular garage of the same allowable 40-foot depth which would otherwise be permitted, if the lot was rectangular.



The survey data records the road as being 40 feet wide. In actuality, the literal paved road is between 17 to 19 feet wide. The remaining 21 to 23 feet of "road" is actually a lawn and a gravel driveway. It's entirely on one side of the road - the same side as the garage lot.

For the existing garage, new garage, as well as neighboring garages, these all sit closer than 50 feet from regulated wetlands. Due to the particularly small lot size, it would not be possible to construct a garage that sat 50+ feet away. The average distance from the wetlands for the new garage is no closer than that of the existing neighbor's garages.

b) That such variance is necessary for the preservation and enjoyment of a substantial property right possessed by other property in the same zone and vicinity. The possibility of increased financial return shall not be deemed sufficient to warrant a variance.

On the east side of Bob White Beach Blvd, where the houses' garages are located, others enjoy having a 2-car (or larger) garage, with depth and storage for watercraft, etc.

While it is true our property currently has a 2-car garage, it's made of old rotted logs, dilapidated, and is subject to wind, rain, and snow getting in. Remains unsafe to park cars inside and as such, is only being used as a very large storage shed. As a result, we are unable to enjoy the benefit of having a garage which is customary for the neighborhood.

Nearby properties have built garages which are 40+ feet in depth to accommodate storing boats on trailers. For example, the direct neighboring garages on both the left and right side of us are approximately 47 and 41 feet deep, respectively. Our replacement is at 40 feet. Our new garage will be comparable to that of our neighboring garages.

c) That the granting of such variance or modification will not be materially detrimental to the public welfare or materially injurious to the property or improvements in such zone or district in which the property is located.

The granting of such variance will be an improvement to the neighboring properties.

The existing garage sits barely 2 feet from the southern property line. The new garage abides by the 10-foot required setbacks on both sides. Hence, it conforms to current standards and eliminates the crowding next to my neighbor's garage.

Wetland protection has been thoughtfully considered. Gutters will be used on the roof with downspout runoff designed to flow away from the direction of the wetlands. On the existing garage, at its closest point is 15'8" to wetlands, which is its southern corner, the new garage distance is 14 feet from wetlands. The average distance for the new garage is no closer than that. The rest of the rear garage is at a greater distance than 14 away from wetlands.

Jeff Pierce is the Environmental Quality Analyst assigned to our region from the Michigan Department of Environment, Great Lakes, and Energy (EGLE). He reviewed our wetland delineation report, as well as the site plot showing the locations of the existing and proposed garages. He said this plan *"would not have direct impacts on the wetland."* His letter is attached. This letter was provided by previous owner.

d) That the granting of such variance will not adversely affect the purpose or objectives of the master plan of the Township.

Dating back to the prior owners, the existing garage has long been a running joke with neighbors because it is an eyesore that does not even remotely match the styling of the associated house or any neighboring houses.

The new garage has been designed to match the existing character and styling of the associated house. This beautifies the neighborhood. Furthermore, since only other garages are found on this side of the road no houses will have view corridors affected. Since the lake is on the opposite side of the road with a house between the lake and the road, the garage does not effect lake setbacks, or any aesthetic characteristics of the coastline when viewed from the water.

e) That the condition or situation of the specific piece of property, or the intended use of said property, for which the variance is sought, is not of so general or recurrent a nature.

This is a unique situation specific to this address, as the neighbors' garages to the left and right, as well as along this southern portion of Bob White Beach, have deeper pieces of land for their garages. As such, there is more flexibility in placement.



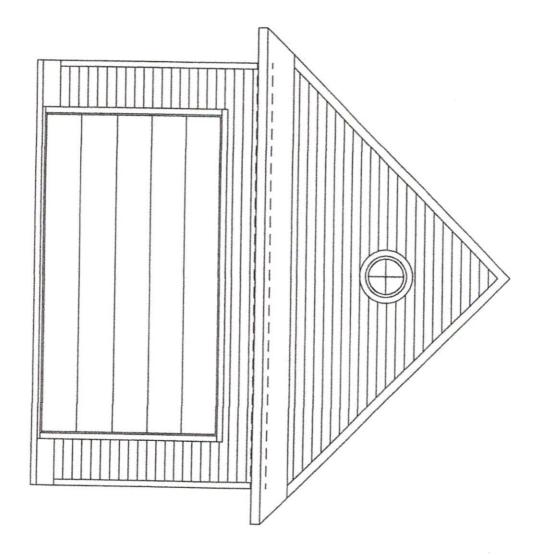
As you can see, the back of our lot was carved out for an unusual U-shaped lot which abuts the back of it. On *a* related note, this U-shaped lot is wetlands and does not have *a* house on it. There is *a* garage, but it's on the other end of the U, where you see the number 100.

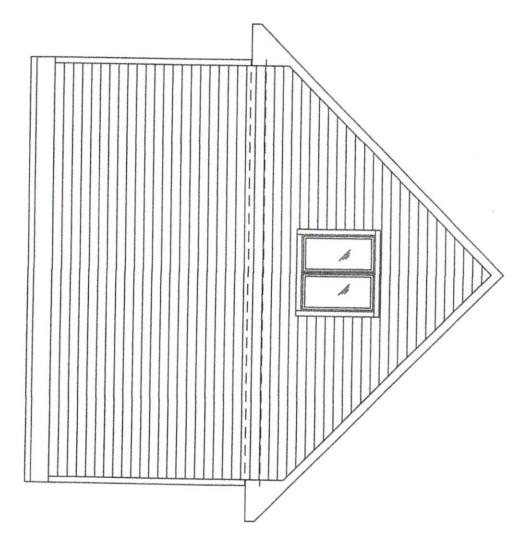
f) Granting the variance shall not permit the establishment with a district of any use which is not permitted by right within the district.

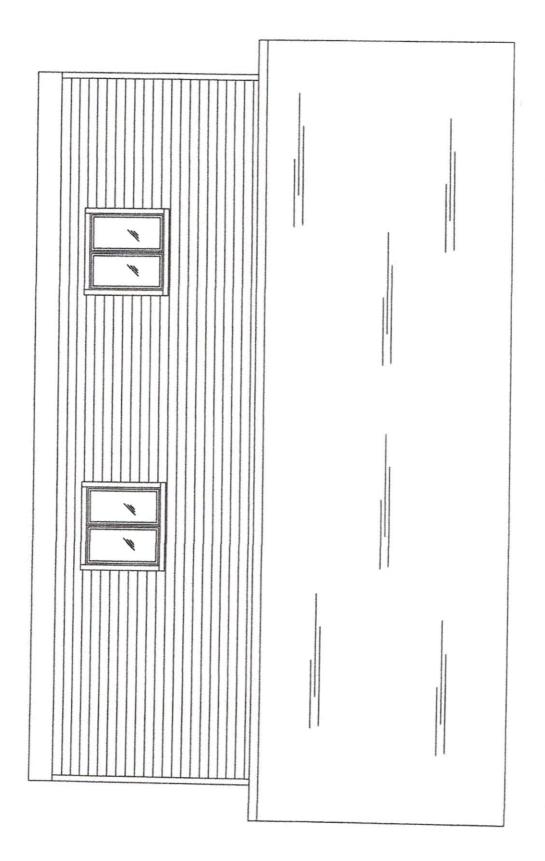
With the granting of the variance, the use of the property does not change. It remains a Single-Family Residence with detached 2-car garage.

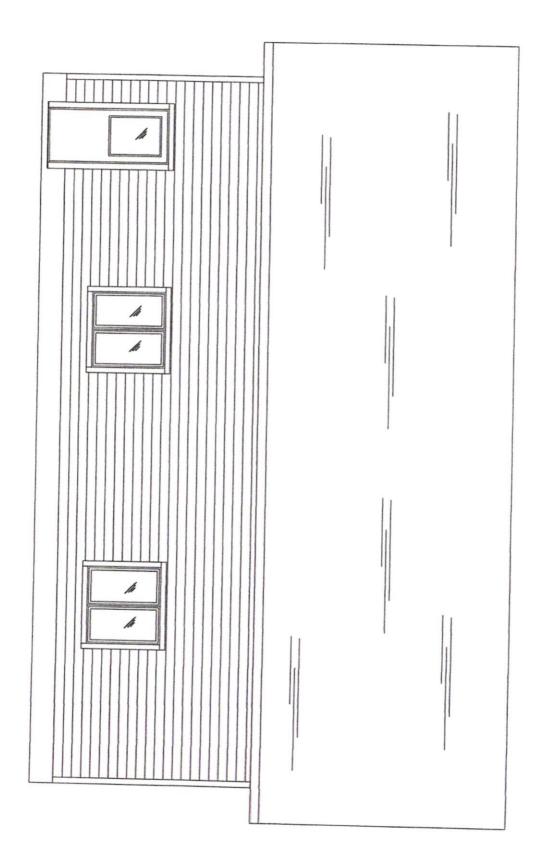
g) The requested variance is the minimum necessary to permit reasonable use of the land.

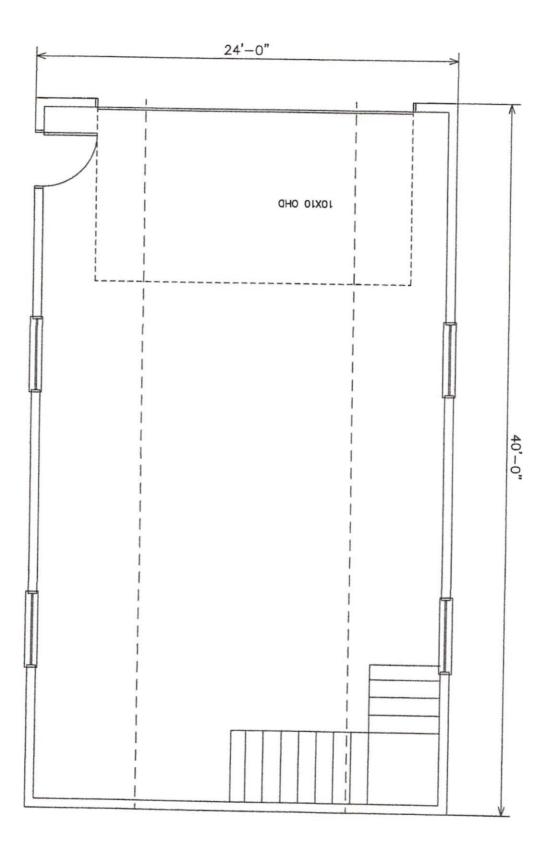
The partial encroachment of the 50-foot wetlands setback as required by ordinance is reasonable, given that its average distance to the wetlands is approximately 1'6" closer than that of the existing garage.

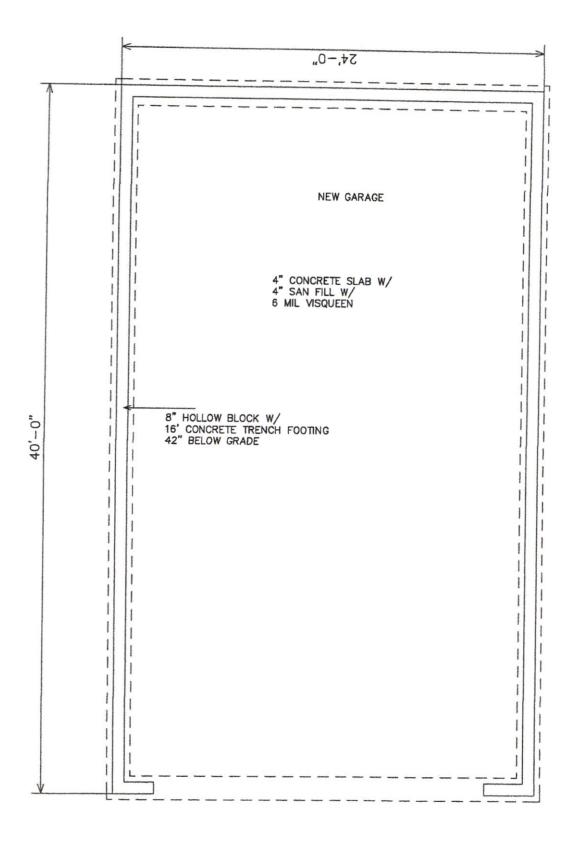




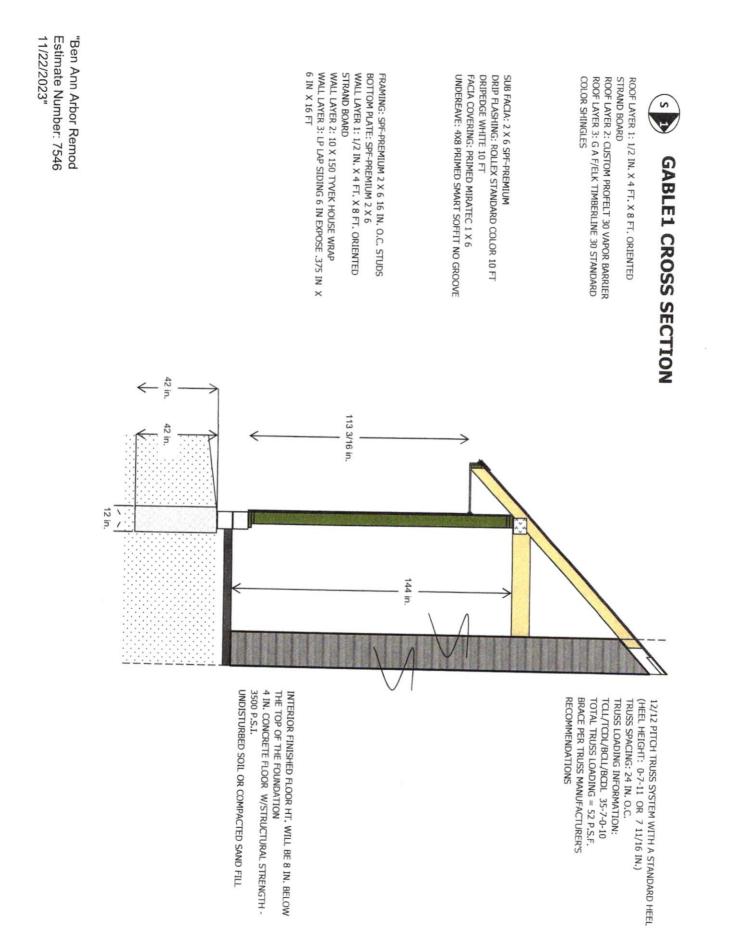


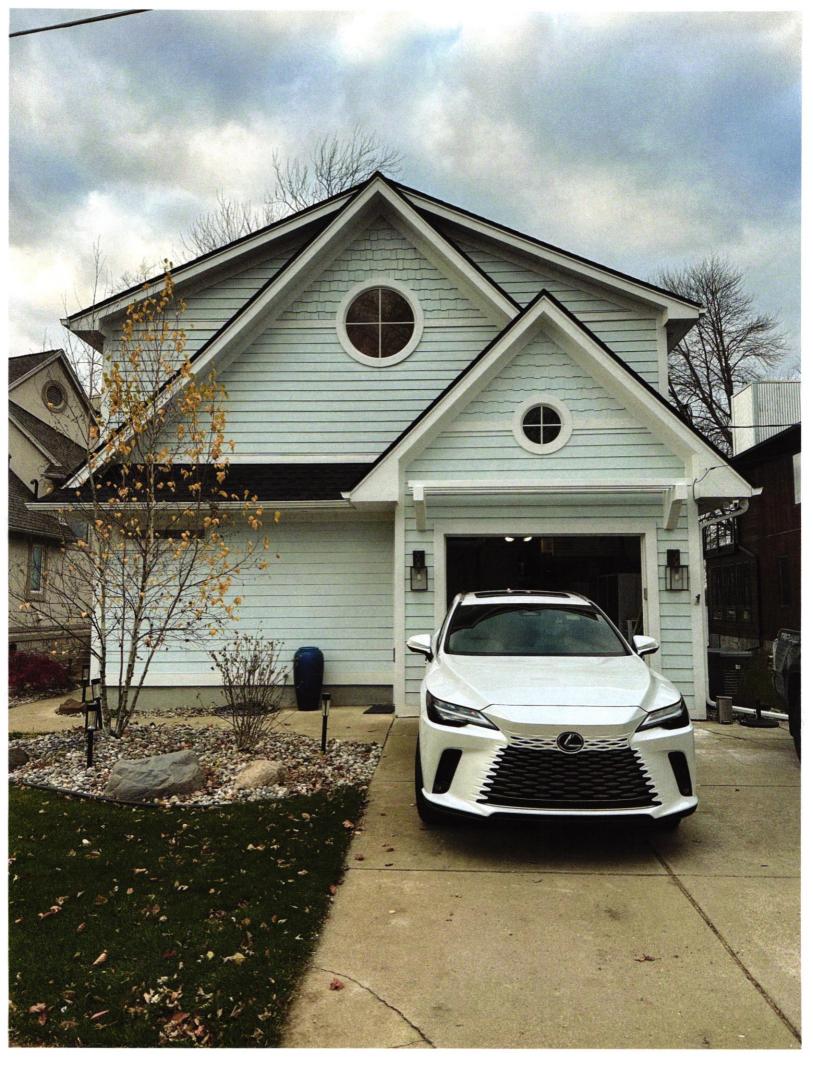


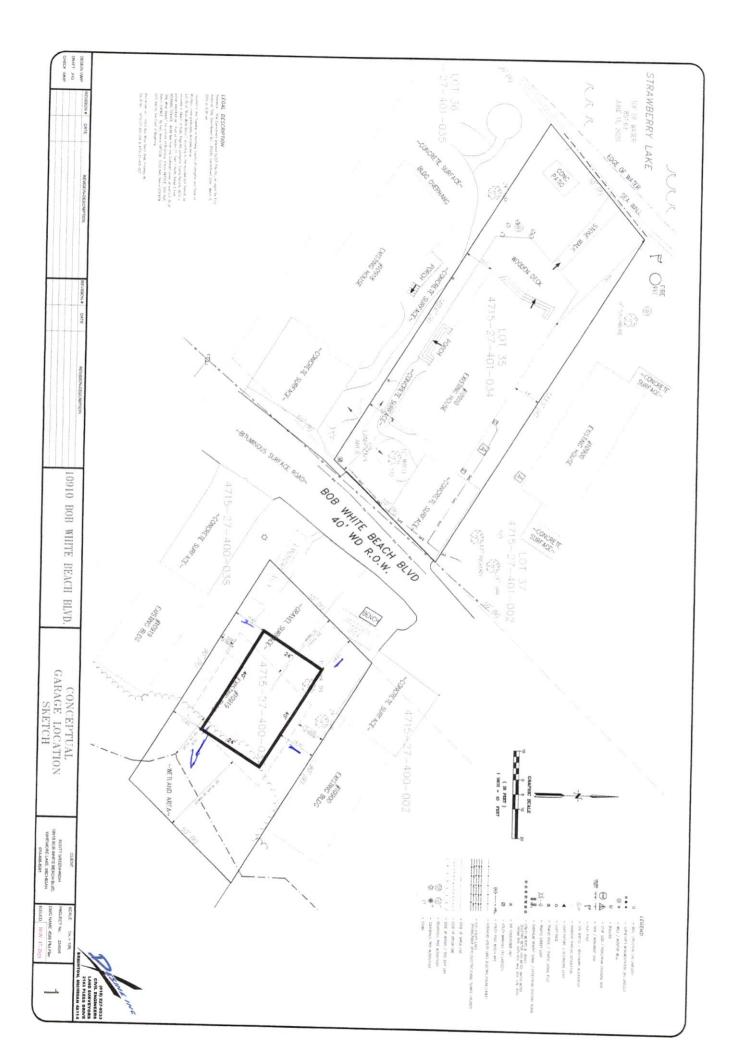




FOUNDATION 1/4"=1'-0"









Michael Dolen <michaeldolen@gmail.com>

Fw: Wetlands Delineation - 10910 Bob White Beach Blvd, Whitmore Lake, MI 48189

Michael Ackermann <mjackermann@yahoo.com> To: "michaeldolen@gmail.com" <michaeldolen@gmail.com>

Mon, Jun 22, 2020 at 1:41 PM

----- Forwarded Message -----From: Pierce, Jeff (EGLE) <piercej2@michigan.gov> To: Michael Ackermann <mjackermann@yahoo.com> Sent: Monday, June 22, 2020, 01:01:49 PM PDT Subject: RE: Wetlands Delineation - 10910 Bob White Beach Blvd, Whitmore Lake, MI 48189

Hi Michael,

Thank you for providing the wetland delineation and project plans for your proposed garage construction. Based on my review of the materials you provided, the proposed construction of the garage would not involve construction or filling within regulated wetland and would not have direct impacts on the wetland. Therefore, a permit would not be required under Part 303, Wetlands Protection, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, for the construction of the garage as proposed.

IF you have any additional questions regarding your project please contact me by phone or email.

Jeff Pierce

Environmental Quality Analyst

Water Resources Division, Lansing District Office

Michigan Department of Environment, Great Lakes, and Energy

517-416-4297 | piercej2@Michigan.gov

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Due to temporary layoffs of State employees, I will not be working every Friday through July 24. I will not be able to respond to emails or phone calls on those days. Thank you.

From: Michael Ackermann <mjackermann@yahoo.com> Sent: Friday, June 19, 2020 3:50 PM To: Pierce, Jeff (EGLE) <PierceJ2@michigan.gov> Subject: Fw: Wetlands Delineation - 10910 Bob White Beach Blvd, Whitmore Lake, MI 48189



Investigation • Remediation Compliance • Restoration

10448 Citation Drive, Suite 100 Brighton, MI 48116

Mailing Address: P.O. Box 2160 Brighton, MI 48116-2160

800 395-ASTI Fax: 810.225.3800

www.asti-env.com

June 2, 2020

Mr. Michael Dolen 10910 Bob White Beach Road Whitmore Lake, MI 48189

RE: Wetland Delineation and Jurisdictional Assessment with GPS Survey 10910 Bob White Beach Road Sidwell No. 4715-27-401-037 Hamburg Township, Livingston County, Michigan ASTI File No. 11501

Dear Mr. Dolen:

A site investigation was completed on May 22, 2020 by ASTI Environmental (ASTI) to delineate wetland boundaries on the above-referenced property located at 10910 Bob White Beach Road (Parcel No. 4715-27-401-037), Hamburg Township, Livingston County, Michigan (Property). The Property includes frontage along Strawberry Lake and is separated into two (east and west) by Bob White Beach Road: the home is located lakeside on the west side of Bob White Beach Road and a garage is located on the east side of Bob White Beach Road and a garage is located on the east side of Bob White Beach Road and a garage is located by the Michigan Department of Environment, Great Lakes, and Energy (EGLE) was found on the Property and one wetland also regulated by EGLE was found adjacent to the Property (see Figure 1 – *GPS-Located Wetland Boundaries*). Waterbody and wetland boundaries, as depicted on Figure 1, were located by ASTI using a professional grade, hand-held global positioning system unit (GPS).

SUPPORTING DATA

The United States Geological Survey (USGS) Hamburg, Michigan 7.5' Quadrangle Map, the USDA Web Soil Survey (WSS), the National Wetland Inventory Map (NWI), the EGLE Wetlands Map Viewer web site, and digital aerial photographs were all used to support the wetland delineation and subsequent regulatory status determination. The EGLE map indicated the presence of wetland in the eastern portion of the Property. No other data indicated the presence of wetland on the Property. All reviewed data indicated Strawberry Lake adjacent to the northern portion of the Property.

The WSS indicates the Project Area is comprised of the soil map units of Warners loam and Carlisle muck (0-2% slopes). Both soil units are hydric soils according to the WSS.



FINDINGS

ASTI investigated the Project Area for the presence of lakes, ponds, wetlands, and watercourses. This work is based on MCL 324 Part 301, Inland Lakes and Streams and Part 303, Wetlands Protection.

The delineation protocol used by ASTI for this delineation is based on the US Army Corps of Engineers' *Wetland Delineation Manual*, 1987, the *Regional Supplement to the Corps of Engineer Wetland Delineation Manual: Midwest Region*, and related guidance/documents, as appropriate. Wetland vegetation, soils, and hydrology indicators were used to determine wetland boundaries.

Wetland A

Wetland A is a forested wetland located adjacent to the eastern property boundary line (Figure 1). Dominant vegetation found within Wetland A included silver maple (*Acer saccharinum*), green ash (*Fraxinus pennsylvanica*), and American elm (*Ulmus americana*). Soils within Wetland A were comprised of mucky sands and are considered hydric because the hydric soil criteria of sandy mucky mineral were met. Indicators of wetland hydrology observed within Wetland A included observations of water stained leaves, sparsely vegetated concave surfaces, and saturated soils.

Vegetation in the upland adjacent to Wetland A was dominated by Kentucky blue grass (*Poa pratensis*) and silver maple. Soils in the upland adjacent to Wetland A were comprised of loamy sands that did not exhibit hydric soils characteristics. No indicators of wetland hydrology were observed.

It is ASTI's opinion that Wetland A is regulated by EGLE under Part 303 because it is a portion of a wetland complex that is greater than five acres in size and is directly connected to Strawberry Lake to the west. Strawberry Lake exhibits an area of permanent open water greater than five aces in size and thus, meets the definition of an inland lake under Part 301.

Additionally, Hamburg Township requires a 50-foot setback from regulated wetlands per the Hamburg Township Zoning Ordinance, Article 9.9.3, Setback Standards. ASTI has indicated the location of this setback on Figure 1 as it applies to Wetland A.

Strawberry Lake

The northern portion of the Property includes Strawberry Lake frontage. As stated above, Strawberry Lake meets the definition of an inland lake under Part 301.

On-Site Flagging

On-site Strawberry Lake boundaries were marked in the field with day-glo pink pin flags stamped "WETLAND DELINEATION." All flagging was located with GPS and numbered as follows:

Strawberry Lake = B-1 through B-2

Wetland Delineation 10910 Bob White Beach Road Hamburg Twp., Livingston Co., MI ASTI File No. 11501 Page 2 of 3



Off-site wetland boundaries (Wetland A) were not flagged, but were located with GPS and numbered as follows:

Wetland A = A-1 through A-7

SUMMARY

Based upon the data, criteria, and evidence noted above, it is ASTI's professional opinion that the Property includes one inland lake (Strawberry Lake) regulated by EGLE. It is also ASTI's professional opinion a wetland adjacent to the southeastern boundary (Wetland A) is also regulated by EGLE. However, EGLE has the final authority on the extent of regulated wetlands, lakes, and streams in the State of Michigan.

Attached are Figure 1, which shows the GPS-surveyed inland lake boundaries within the Project Area, adjacent off-site wetland boundaries, and completed US Army Corps of Engineers (ACOE) Wetland Data Forms.

Please note that Hamburg Township requires a setback of 50 feet from any EGLE-regulated wetlands for site development purposes.

Thank you for the opportunity to assist you with this project. Please let us know if we can be of any further assistance in moving your project forward.

Cordially,

ASTI ENVIRONMENTAL

Kyle Hottinger Wetland Ecologist Professional Wetland Scientist #2927

Dana R. Knox Wetland Ecologist Professional Wetland Scientist #213

Attachments:

Figure 1 – GPS-Located Wetland Boundaries Completed ACOE Wetland Data Forms

Wetland Delineation 10910 Bob White Beach Road Hamburg Twp., Livingston Co., MI ASTI File No. 11501 Page 3 of 3



Client: Michael Dolen Created by: RMH, June 2, 2020, ASTI Project 11501 Imagery: SEMCOG, Maxar

Figure 1 - GPS-Surveyed Wetland Boundaries

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: 10910 E	3ob White Beach	City/Cour	nty: Hamburg Twp	Livingst	on Co.	Sampling Date:	5-22-20
Applicant/Owner:	Michael Dolen	. 5		State:	MI	Sampling Point:	UP-A4
Investigator(s): ASTI-	KAH	Section, T	ownship, Range:	Sec 27			01 /14
Landform (hillside, te	rrace, etc.): slight slope		ocal relief (concav				
Slope (%): 2-3	Lat:	Long:			_	Datum:	
Soil Map Unit Name:	Carlisle muck (0-2% slopes)			NV	VI classifi	cation: none	
Are climatic / hydrolo	gic conditions on the site typical for this time of ye	ar?	Yes_x No	(lf no, expl	ain in Remarks.)	
Are Vegetation	, Soil, or Hydrologysignificantly distu	urbed? A	re "Normal Circum				
Are Vegetation	, Soil, or Hydrology naturally problem		f needed, explain a				
SUMMARY OF F	INDINGS – Attach site map showing s						tures, etc.

Hydrophytic Vegetation Present? Yes X No Is the Sampled Area Hydric Soil Present? Yes No X within a Wetland? Yes ____ No _X Wetland Hydrology Present? Yes No X

Remarks:

Upland adjacent to Wetland A at flag A4 (on-site)

VEGETATION - Use scientific names of plants.

	Absolute	Dominant	Indicator		
Tree Stratum (Plot size: 30')	% Cover	Species?	Status	Dominance Test worksheet:	
1. Acer saccharinum	25	Yes	FACW	Number of Dominant Species That	
2				Are OBL, FACW, or FAC:	2 (A)
3				Total Number of Dominant Species	
4				Across All Strata:	3 (B)
5		·		-	(0)
	25	=Total Cover		Percent of Dominant Species That Are OBL, FACW, or FAC:	66.7% (A/B)
Sapling/Shrub Stratum (Plot size: 15')		·			<u>66.7%</u> (A/B)
1. Lonicera tatarica	5	Yes	FACU	Prevalence Index worksheet:	
2				Total % Cover of: Mu	Itiply by:
3				OBL species 0 x 1 =	0
4				FACW species 25 x 2 =	50
5.				FAC species 85 x 3 =	255
	5	=Total Cover		FACU species 20 x 4 =	80
Herb Stratum (Plot size: 5')				UPL species $0 \times 5 =$	
1. Poa pratensis	80	Vee	540		0
2. Alliaria petiolata	80	Yes	FAC	Column Totals: 130 (A)	385 (B)
	5	No	FAC	Prevalence Index = B/A =	2.96
3. Glechoma hederacea	10	No	FACU		
4. Taraxacum officinale	5	No	FACU	Hydrophytic Vegetation Indicators	:
5				1 - Rapid Test for Hydrophytic V	egetation
-					0
6				X 2 - Dominance Test is >50%	9
7					
7.				X 2 - Dominance Test is >50% 3 - Prevalence Index is $\leq 3.0^{1}$	
7				X 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0 ¹ 4 - Morphological Adaptations ¹ (f	Provide supporting
7 8				X 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.01 4 - Morphological Adaptations1 (For data in Remarks or on a separation)	Provide supporting rate sheet)
7 8 9				X 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.01 4 - Morphological Adaptations1 (F data in Remarks or on a sepa Problematic Hydrophytic Vegeta	Provide supporting rate sheet) tion ¹ (Explain)
7 8 9				X 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0 ¹ 4 - Morphological Adaptations ¹ (f data in Remarks or on a sepa Problematic Hydrophytic Vegetal ¹ Indicators of hydric soil and wetland	Provide supporting rate sheet) tion ¹ (Explain) hydrology must
7.	100	=Total Cover		X 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0 ¹ 4 - Morphological Adaptations ¹ (f data in Remarks or on a sepa Problematic Hydrophytic Vegetal ¹ Indicators of hydric soil and wetland be present, unless disturbed or problematic	Provide supporting rate sheet) tion ¹ (Explain) hydrology must
7.	100	=Total Cover		X 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0 ¹ 4 - Morphological Adaptations ¹ (f data in Remarks or on a sepa Problematic Hydrophytic Vegetal ¹ Indicators of hydric soil and wetland be present, unless disturbed or problematic Hydrophytic	Provide supporting rate sheet) tion ¹ (Explain) hydrology must
7. 8. 9. 10. Woody Vine Stratum (Plot size: 15') 1.	100	=Total Cover		X 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0 ¹ 4 - Morphological Adaptations ¹ (f data in Remarks or on a sepa Problematic Hydrophytic Vegetal ¹ Indicators of hydric soil and wetland be present, unless disturbed or problematic Hydrophytic Vegetation	Provide supporting rate sheet) tion ¹ (Explain) hydrology must ematic.
7.	100	=Total Cover		X 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0 ¹ 4 - Morphological Adaptations ¹ (f data in Remarks or on a sepa Problematic Hydrophytic Vegetal ¹ Indicators of hydric soil and wetland be present, unless disturbed or problematic Hydrophytic Vegetation	Provide supporting rate sheet) tion ¹ (Explain) hydrology must ematic.
7.	100	=Total Cover		X 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0 ¹ 4 - Morphological Adaptations ¹ (f data in Remarks or on a sepa Problematic Hydrophytic Vegetal ¹ Indicators of hydric soil and wetland be present, unless disturbed or problematic Hydrophytic Vegetation	Provide supporting rate sheet) tion ¹ (Explain) hydrology must ematic.

Sampling Point: UP-A4 Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.) Depth Matrix Redox Features (inches) Color (moist) % Color (moist) % Type Loc² Texture Remarks 0-3 10YR 4/3 100 Sandy 3-18 10YR 4/3 70 10YR 6/3 30 С Μ Sandy Faint redox concentrations with gravel and coarse sand ¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains. ²Location: PL=Pore Lining, M=Matrix. Hydric Soil Indicators: Indicators for Problematic Hydric Soils³: Histosol (A1) Sandy Gleyed Matrix (S4) Coast Prairie Redox (A16) Histic Epipedon (A2) Sandy Redox (S5) Iron-Manganese Masses (F12) Black Histic (A3) Stripped Matrix (S6) Red Parent Material (F21) Hydrogen Sulfide (A4) Dark Surface (S7) Very Shallow Dark Surface (F22) Stratified Layers (A5) Loamy Mucky Mineral (F1) Other (Explain in Remarks) 2 cm Muck (A10) Loamy Gleyed Matrix (F2) Depleted Below Dark Surface (A11) Depleted Matrix (F3) Thick Dark Surface (A12) Redox Dark Surface (F6) ³Indicators of hydrophytic vegetation and Sandy Mucky Mineral (S1) Depleted Dark Surface (F7) wetland hydrology must be present, 5 cm Mucky Peat or Peat (S3) Redox Depressions (F8) unless disturbed or problematic. Restrictive Layer (if observed): Type: none Depth (inches): Hydric Soil Present? Yes No Х Remarks HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; check all that apply) Secondary Indicators (minimum of two required) Surface Water (A1) Water-Stained Leaves (B9) Surface Soil Cracks (B6) High Water Table (A2) Aquatic Fauna (B13) Drainage Patterns (B10) Saturation (A3) True Aquatic Plants (B14) Dry-Season Water Table (C2) Water Marks (B1) Hydrogen Sulfide Odor (C1) Crayfish Burrows (C8) Sediment Deposits (B2) Oxidized Rhizospheres on Living Roots (C3) Saturation Visible on Aerial Imagery (C9) Drift Deposits (B3) Presence of Reduced Iron (C4) Stunted or Stressed Plants (D1) Algal Mat or Crust (B4) Recent Iron Reduction in Tilled Soils (C6) Geomorphic Position (D2) Iron Deposits (B5) Thin Muck Surface (C7) FAC-Neutral Test (D5) Inundation Visible on Aerial Imagery (B7) Gauge or Well Data (D9) Sparsely Vegetated Concave Surface (B8) Other (Explain in Remarks) Field Observations: Surface Water Present? Yes No х Depth (inches): Water Table Present? Yes No х Depth (inches): Saturation Present? Yes No Depth (inches): х Wetland Hydrology Present? Yes No X (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

SOIL

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: 10910 Bob White Beach	City/Count	y: Hamburg Tw	pLivings	ton Co.	Sampling Date:	5-22-20
Applicant/Owner: Michael Dolen			State:	MI	Sampling Point:	UP-B1
Investigator(s): ASTI - KAH	Section, To	wnship, Range:	Sec 27 1	TIN R5E	1 0	
Landform (hillside, terrace, etc.): slight slope		cal relief (conca			slope	
Slope (%): 2-3 Lat:	Long:			(Datum:	
Soil Map Unit Name: Warners Ioam			N	VI classifi	cation:	
Are climatic / hydrologic conditions on the site typical for this time of	year? Ye	es_XNo	(If no, exp	ain in Remarks.)	
Are Vegetation, Soil, or Hydrologysignificantly di	isturbed? Are	"Normal Circum	istances"	present?	Yes X No	
Are Vegetation, Soil, or Hydrology naturally prob	lematic? (If r	needed, explain	any answe	ers in Ren	narks.)	
SUMMARY OF FINDINGS – Attach site map showing	g sampling	point location	ons, tra	nsects,	important feat	ures, etc.

Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present?	Yes Yes Yes	No X No X No X	Is the Sampled Area within a Wetland?	Yes	No_X_
Remarks:					

VEGETATION - Use scientific names of plants.

	Absolute	Dominant	Indicator		
Tree Stratum (Plot size: 30')	% Cover	Species?	Status	Dominance Test worksheet:	
1. Acer platanoides	10	Yes	UPL	Number of Dominant Species That	
2				Are OBL, FACW, or FAC:	1 (A)
3				Total Number of Dominant Species	
4				Across All Strata:	2 (B)
5				Percent of Dominant Species That	
	10	=Total Cover		Are OBL, FACW, or FAC:	50.0% (A/B)
Sapling/Shrub Stratum (Plot size: 15')					
1				Prevalence Index worksheet:	
2				Total % Cover of: Multip	ply by:
3				OBL species 0 x 1 =	0
4				FACW species 0 x 2 =	0
5				FAC species 95 x 3 =	285
		=Total Cover		FACU species 5 x 4 =	20
Herb Stratum (Plot size: 5')				UPL species 10 x 5 =	50
1. Poa pratensis	95	Yes	FAC	Column Totals: 110 (A)	355 (B)
2. Taraxacum officinale	5	No	FACU	Prevalence Index = B/A = 3.	.23
3.					
4.				Hydrophytic Vegetation Indicators:	
5.				1 - Rapid Test for Hydrophytic Veg	etation
6				2 - Dominance Test is >50%	
7				3 - Prevalence Index is ≤3.0 ¹	
8.				4 - Morphological Adaptations ¹ (Pro	ovide supporting
9.				data in Remarks or on a separa	
10				Problematic Hydrophytic Vegetatio	
	100	=Total Cover		¹ Indicators of hydric soil and wetland hy	
Woody Vine Stratum (Plot size: 15')				be present, unless disturbed or problem	
1					induo.
2.				Hydrophytic Vegetation	
		=Total Cover		Present? Yes No	x
Remarks: (Include photo numbers here or on a separ	ate sheet)				
	ate sheet.)				
					1

SOIL

(inches) 0-5 5-18	Color (moist)			ox Featur			confirm the absence	of indicators.)
		%	Color (moist)	%	Type ¹	Loc ²	Texture	Domester
5-18	10YR 4/3	100					Sandy	Remarks
5-18				·			Gandy	
	10YR 4/3	70	10YR 6/3	30	С	M	Sandy	Faint redox concentrations
Hydric Soil In Histosol (A Histic Epip Black Histi Hydrogen Stratified L 2 cm Muck Depleted E Thick Dark Sandy Muck 5 cm Muck	A1) bedon (A2) ic (A3) Sulfide (A4) Layers (A5) k (A10) Below Dark Surface (Surface (A12) cky Mineral (S1) ky Peat or Peat (S3) ayer (if observed):	(A11)	Reduced Matrix, I Sandy Gle Sandy Re Stripped M Dark Surfa Loamy Mu Loamy Gle Depleted I Redox Dar Redox Dar	eyed Matr dox (S5) Matrix (S6 ace (S7) licky Mine eyed Matr Matrix (F3 ork Surface Dark Surface	ix (S4)) rral (F1) rix (F2) 3) e (F6) ace (F7)		Indicators Coast Iron-M Red P Very S Other ³ Indicators wetlan	PL=Pore Lining, M=Matrix. s for Problematic Hydric Soils ³ : Prairie Redox (A16) Manganese Masses (F12) Parent Material (F21) Shallow Dark Surface (F22) (Explain in Remarks) of hydrophytic vegetation and hydrology must be present, disturbed or problematic.
YDROLOG	www.nrcs.usda.gov/	internev Fo		/nrcs142	02_0512	93.00CX)		
Vetland Hydr	ology Indicators:							
rimary Indicat		ne is require	d; check all that a	apply)			Secondary	Indicators (minimum of two require
Primary Indicat Surface Wi	tors (minimum of or	ne is require	d; check all that a Water-Stai	100 C 100	res (B9)			Indicators (minimum of two require
Surface Wa	tors (minimum of or	ne is require	Water-Stai	ned Leav	10 B		Surfac	e Soil Cracks (B6)
Surface Wa	tors (minimum of or ater (A1) r Table (A2)	ne is require	Water-Stai Aquatic Fa	ned Leav una (B13)		Surfac Draina	e Soil Cracks (B6) ge Patterns (B10)
Surface Water	tors (minimum of or ater (A1) r Table (A2) (A3)	ne is require	Water-Stai Aquatic Fa True Aquat	ned Leav una (B13 tic Plants) (B14)		Surfac Draina Dry-Se	e Soil Cracks (B6) ge Patterns (B10) eason Water Table (C2)
Surface Wa High Water Saturation Water Mark	tors (minimum of or ater (A1) r Table (A2) (A3)	ne is require	Water-Stai Aquatic Fa True Aquat Hydrogen S	ned Leav una (B13 tic Plants Sulfide O) (B14) dor (C1)	iving Roc	Surfac Draina Dry-Se Crayfis	e Soil Cracks (B6) ge Patterns (B10) eason Water Table (C2) sh Burrows (C8)
Surface Wa High Water Saturation Water Mark Sediment [tors (minimum of or ater (A1) r Table (A2) (A3) ks (B1) Deposits (B2)	ne is require	Water-Stai Aquatic Fa True Aquat Hydrogen S Oxidized R	ned Leav una (B13 tic Plants Sulfide O hizosphe) (B14) dor (C1) res on Li		Surfac Draina Dry-Se Crayfis ots (C3)Satura	e Soil Cracks (B6) ge Patterns (B10) eason Water Table (C2) sh Burrows (C8) tion Visible on Aerial Imagery (C9)
Surface Water High Water Saturation Water Mark Sediment [Drift Depos	tors (minimum of or ater (A1) r Table (A2) (A3) ks (B1) Deposits (B2) sits (B3)	ne is require	Water-Stai Aquatic Fa True Aquat Hydrogen S Oxidized R Presence o	ned Leav una (B13 tic Plants Sulfide O hizosphe of Reduce) (B14) dor (C1) res on Li ed Iron (C	C4)	Surfac Draina Dry-Se Crayfis Satura Stunte	e Soil Cracks (B6) ge Patterns (B10) eason Water Table (C2) sh Burrows (C8) tion Visible on Aerial Imagery (C9) d or Stressed Plants (D1)
Surface Wa High Water Saturation Water Mark Sediment I Drift Depos Algal Mat o	tors (minimum of or ater (A1) r Table (A2) (A3) ks (B1) Deposits (B2) sits (B3) or Crust (B4)	ne is require	Water-Stai Aquatic Fa True Aquat Hydrogen S Oxidized R Presence o Recent Iron	ned Leav una (B13 tic Plants Sulfide O hizosphe of Reduce n Reducti) (B14) dor (C1) res on Li ed Iron (C on in Till	C4)	Surfac Draina Dry-Se Crayfis Satura (C6) Geomo	e Soil Cracks (B6) ge Patterns (B10) eason Water Table (C2) sh Burrows (C8) tion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) orphic Position (D2)
Surface Wa High Water Saturation Water Mark Sediment I Drift Depos Algal Mat o Iron Depos	tors (minimum of or ater (A1) r Table (A2) (A3) ks (B1) Deposits (B2) sits (B3) or Crust (B4) its (B5)		Water-Stai Aquatic Fa True Aquat Hydrogen S Oxidized R Presence o Recent Iron Thin Muck	ned Leav una (B13 tic Plants Sulfide Od hizosphe of Reduce n Reducti Surface () (B14) dor (C1) res on Li ed Iron (C on in Till (C7)	C4)	Surfac Draina Dry-Se Crayfis Satura (C6) Geomo	e Soil Cracks (B6) ge Patterns (B10) eason Water Table (C2) sh Burrows (C8) tion Visible on Aerial Imagery (C9) d or Stressed Plants (D1)
Surface Wa High Water Saturation Water Mark Sediment [Drift Depos Algal Mat o Iron Depos Inundation	tors (minimum of or ater (A1) r Table (A2) (A3) ks (B1) Deposits (B2) sits (B3) or Crust (B4)	agery (B7)	Water-Stai Aquatic Fa True Aquat Hydrogen S Oxidized R Presence of Recent Iron Thin Muck Gauge or V	ned Leav una (B13 tic Plants Sulfide Ou hizosphe of Reduce n Reducti Surface (Vell Data) (B14) dor (C1) res on Li ed Iron (C on in Till (C7) (D9)	C4)	Surfac Draina Dry-Se Crayfis Satura (C6) Geomo	e Soil Cracks (B6) ge Patterns (B10) eason Water Table (C2) sh Burrows (C8) tion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) orphic Position (D2)
Surface Wa High Water Saturation Water Mark Sediment [Drift Depos Algal Mat o Iron Depos Inundation	tors (minimum of or ater (A1) r Table (A2) (A3) ks (B1) Deposits (B2) sits (B3) or Crust (B4) its (B5) Visible on Aerial Im egetated Concave S	agery (B7)	Water-Stai Aquatic Fa True Aqual Hydrogen S Oxidized R Presence o Recent Iron Thin Muck Gauge or V	ned Leav una (B13 tic Plants Sulfide Ou hizosphe of Reduce n Reducti Surface (Vell Data) (B14) dor (C1) res on Li ed Iron (C on in Till (C7) (D9)	C4)	Surfac Draina Dry-Se Crayfis Satura (C6) Geomo	e Soil Cracks (B6) ge Patterns (B10) eason Water Table (C2) sh Burrows (C8) tion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) orphic Position (D2)
Surface Water High Water Saturation Water Mark Sediment [Drift Depos Algal Mat o Iron Depos Inundation Sparsely Va	tors (minimum of or ater (A1) r Table (A2) (A3) ks (B1) Deposits (B2) sits (B3) or Crust (B4) its (B5) Visible on Aerial Im egetated Concave S tions:	agery (B7) Surface (B8	Water-Stai Aquatic Fa True Aquat Hydrogen S Oxidized R Presence o Recent Iron Thin Muck Gauge or V Other (Exp	ned Leav una (B13 tic Plants Sulfide Or hizosphe of Reduce of Reduce Neducti Surface (Vell Data lain in Re	(B14) (B14) dor (C1) res on Li ed Iron (C on in Till (C7) (D9) emarks)	C4)	Surfac Draina Dry-Se Crayfis Satura Stunte (C6) Geomo	e Soil Cracks (B6) ge Patterns (B10) eason Water Table (C2) sh Burrows (C8) tion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) orphic Position (D2)
Surface Water High Water Saturation Water Mark Sediment [Drift Depos Algal Mat o Iron Depos Inundation Sparsely Vater ield Observation	tors (minimum of or ater (A1) r Table (A2) (A3) ks (B1) Deposits (B2) sits (B3) or Crust (B4) its (B5) Visible on Aerial Im egetated Concave S tions: Present? Yes	agery (B7) Surface (B8	Water-Stai Aquatic Fa True Aquati Hydrogen S Oxidized R Presence of Recent Iron Thin Muck Gauge or V Other (Exp	ned Leav una (B13 tic Plants Sulfide Or hizosphe of Reduce n Reducti Surface (Vell Data lain in Re	(B14) (B14) dor (C1) res on Li ed Iron (C on in Till (C7) (D9) marks) ches):	C4)	Surfac Draina Dry-Se Crayfis Satura Stunte (C6) Geomo	e Soil Cracks (B6) ge Patterns (B10) eason Water Table (C2) sh Burrows (C8) tion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) orphic Position (D2)
Surface Water High Water Saturation Water Mark Sediment I Drift Depos Algal Mat o Iron Depos Inundation Sparsely W ield Observal	tors (minimum of or ater (A1) r Table (A2) (A3) ks (B1) Deposits (B2) sits (B3) or Crust (B4) its (B5) Visible on Aerial Im egetated Concave s tions: Present? Yes	agery (B7) Surface (B8	Water-Stai Aquatic Fa True Aqual Hydrogen S Oxidized R Presence o Recent Iron Thin Muck Gauge or V Other (Exp	ned Leav una (B13 iic Plants Sulfide Or hizosphe of Reducti n Reducti Surface (Vell Data lain in Re Depth (ind Depth (ind) (B14) dor (C1) res on Li ed Iron (C on in Till (C7) (D9) marks) ches): ches):	C4)	(C6)	e Soil Cracks (B6) ge Patterns (B10) eason Water Table (C2) sh Burrows (C8) tion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) orphic Position (D2) leutral Test (D5)
Surface Water High Water Saturation Water Mark Sediment [Drift Depos Algal Mat o Iron Depos Inundation Sparsely Vater Vater Table Pr	tors (minimum of or ater (A1) r Table (A2) (A3) ks (B1) Deposits (B2) sits (B3) or Crust (B4) its (B5) Visible on Aerial Im egetated Concave s tions: Present? Yes sent? Yes	agery (B7) Surface (B8	Water-Stai Aquatic Fa True Aqual Hydrogen S Oxidized R Presence o Recent Iron Thin Muck Gauge or V Other (Exp	ned Leav una (B13 tic Plants Sulfide Or hizosphe of Reduce n Reducti Surface (Vell Data lain in Re) (B14) dor (C1) res on Li ed Iron (C on in Till (C7) (D9) marks) ches): ches):	C4)	Surfac Draina Dry-Se Crayfis Satura Stunte (C6) Geomo	e Soil Cracks (B6) ge Patterns (B10) eason Water Table (C2) sh Burrows (C8) tion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) orphic Position (D2) leutral Test (D5)
Surface Water High Water Saturation Water Mark Sediment [Drift Depos Algal Mat o Iron Depos Inundation Sparsely Water Vater Table Pr Saturation Press Includes capilla	tors (minimum of or ater (A1) r Table (A2) (A3) ks (B1) Deposits (B2) sits (B3) or Crust (B4) its (B5) Visible on Aerial Im egetated Concave s tions: Present? Yes sent? Yes	agery (B7) Surface (B8	Water-Stai Aquatic Fa True Aqual Hydrogen S Oxidized R Presence of Recent Iron Thin Muck Gauge or V Other (Exp No x f No x f	ned Leav una (B13 tic Plants Sulfide Od hizosphe of Reduce n Reducti Surface (Vell Data lain in Re Depth (ind Depth (ind	(B14) (B14) dor (C1) res on Li ed Iron (C on in Till (C7) (D9) marks) (D9) marks) ches): ches):	24) ed Soils	Surfac Draina Dry-Se Crayfis Satura Stunte (C6) Geomo FAC-N Wetland Hydrology	e Soil Cracks (B6) ge Patterns (B10) eason Water Table (C2) sh Burrows (C8) tion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) orphic Position (D2) leutral Test (D5)
Surface Water High Water Saturation Water Mark Sediment [Drift Depos Algal Mat o Iron Depos Inundation Sparsely Water Vater Table Pr Saturation Press Includes capilla	tors (minimum of or ater (A1) r Table (A2) (A3) ks (B1) Deposits (B2) sits (B3) or Crust (B4) its (B5) Visible on Aerial Im egetated Concave s tions: Present? Yes sent? Yes ary fringe)	agery (B7) Surface (B8	Water-Stai Aquatic Fa True Aqual Hydrogen S Oxidized R Presence of Recent Iron Thin Muck Gauge or V Other (Exp No x f No x f	ned Leav una (B13 tic Plants Sulfide Od hizosphe of Reduce n Reducti Surface (Vell Data lain in Re Depth (ind Depth (ind	(B14) (B14) dor (C1) res on Li ed Iron (C on in Till (C7) (D9) marks) (D9) marks) ches): ches):	24) ed Soils	Surfac Draina Dry-Se Crayfis Satura Stunte (C6) Geomo FAC-N Wetland Hydrology	e Soil Cracks (B6) ge Patterns (B10) eason Water Table (C2) sh Burrows (C8) tion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) orphic Position (D2) leutral Test (D5)

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: 10910 Bob White Beach	City/County:	Hamburg Tw	pLivingston Co.	Sampling Date:	5-22-20
Applicant/Owner: Michael Dolen	-		State:	Sampling Point:	WET-A4
Investigator(s): ASTI-KAH	Section, Tow	nship, Range:	Sec 27 T1N R5E		
Landform (hillside, terrace, etc.): slight depression			ve, convex, none): o	concave	
Slope (%): 1-2 Lat:	Long:			Datum:	
Soil Map Unit Name: Carlisle muck (0-2% slopes)			NWI classifi	cation: none	
Are climatic / hydrologic conditions on the site typical for this time of ye	ear? Yes	s x No	(If no, exp	lain in Remarks.)	
Are Vegetation, Soil, or Hydrology significantly dist	urbed? Are	Normal Circum	istances" present?		
Are Vegetation, Soil, or Hydrologynaturally problem			any answers in Ren		
SUMMARY OF FINDINGS – Attach site map showing					ures, etc.

Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present?	Yes X Yes X Yes X	No No No	Is the Sampled Area within a Wetland?	Yes_X	No	
Remarks:						 -

VEGETATION - Use scientific names of plants.

Tree Stratum (Plot size: 30')	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:	
1. Acer saccharinum	60	Yes	FACW		
2. Ulmus americana	20	Yes	FACW	Number of Dominant Species That Are OBL, FACW, or FAC: 8 (
3. Fraxinus pennsylvanica	20	Yes	FACW		(A)
4			TAOW	Total Number of Dominant Species Across All Strata:8(B)
5				Percent of Dominant Species That	
	100	=Total Cover		Are OBL, FACW, or FAC: 100.0% (A/B)
Sapling/Shrub Stratum (Plot size: 15')					
1. Lonicera tatarica	10	No	FACU	Prevalence Index worksheet:	
2. Frangula alnus	20	Yes	FACW	Total % Cover of: Multiply by:	
3. Fraxinus pennsylvanica	20	Yes	FACW	OBL species 10 x 1 = 10	
4. Ribes americanum	5	No	FACW	FACW species 155 x 2 = 310	
5				FAC species $0 \times 3 = 0$	
	55	=Total Cover		FACU species 10 x 4 = 40	
Herb Stratum (Plot size: 5')				UPL species 0 x 5 = 0	
1. Symplocarpus foetidus	5	Yes	OBL	Column Totals: 175 (A) 360 (B)
2. Impatiens capensis	10	Yes	FACW	Prevalence Index = B/A = 2.06	·
3. Iris versicolor	5	Yes	OBL		
4.				Hydrophytic Vegetation Indicators:	
5.				1 - Rapid Test for Hydrophytic Vegetation	
6				X 2 - Dominance Test is >50%	
7				X 3 - Prevalence Index is ≤3.0 ¹	
2				4 - Morphological Adaptations ¹ (Provide supp	ortina
8 9				data in Remarks or on a separate sheet)	orting
10				Problematic Hydrophytic Vegetation ¹ (Explain	N)
	20	=Total Cover			<u> </u>
Woody Vine Stratum (Plot size: 15')				¹ Indicators of hydric soil and wetland hydrology m be present, unless disturbed or problematic.	ust
1.					
2.				Hydrophytic	
		=Total Cover		Vegetation Present? Yes X No	
Describe (lasted a total		. 5141 00701			
Remarks: (Include photo numbers here or on a separa	ate sheet.)				
	_				

SOIL

Sampling Point: WET-A4

Depth	ription: (Desci Mati	ribe to the dept		cument the ox Feature		ator or	confirm the absence of	of indicators.)
(inches)	Color (mois	t) %	Color (moist)	%	Type ¹	Loc ²	Texture	Bomodyo
0-22	10YR 2/1	100						Remarks
							Mucky Sand	22' + mucky sand
							-	
¹ Type: C=Co	ncentration, D=I	Depletion, RM=	Reduced Matrix,	MS=Mask	ked Sand	Grains	2Location:	PL=Pore Lining, M=Matrix.
Hydric Soil I	ndicators:							s for Problematic Hydric Soils ³ :
Histosol (A1)		Sandy Gl	eyed Matr	ix (S4)			Prairie Redox (A16)
Histic Epi	pedon (A2)		Sandy Re	dox (S5)				langanese Masses (F12)
Black His	. ,		Stripped I	Matrix (S6)			arent Material (F21)
Hydrogen	Sulfide (A4)		? Dark Surf	ace (S7)				Shallow Dark Surface (F22)
Stratified	Layers (A5)		Loamy M	ucky Mine	ral (F1)			(Explain in Remarks)
2 cm Muc	k (A10)		Loamy GI	eyed Matr	rix (F2)			
Depleted	Below Dark Sur	face (A11)	Depleted	Matrix (F3	3)			
Thick Dar	k Surface (A12)		Redox Da	rk Surface	e (F6)		³ Indicators	of hydrophytic vegetation and
X Sandy Mu	icky Mineral (S1)	Depleted	Dark Surf	ace (F7)			d hydrology must be present,
5 cm Muc	ky Peat or Peat	(S3)	Redox De	pressions	(F8)			disturbed or problematic.
Restrictive La	ayer (if observe	ed):			-			
Туре:	no	ne						
Depth (inc	ches):						Hydric Soil Present?	Yes X No
Remarks:								
This data form	is revised from	Midwest Region	nal Supplement	Version 2	0 to inclu	ude the	NRCS Field Indicators	of Hydric Soils, Version 7.0, 2015
Errata. (http://	www.nrcs.usda.	gov/Internet/FSI	E_DOCUMENTS	S/nrcs142	02_05129	3.doc>	()	
HYDROLOG	GY							
Wetland Hydr	rology Indicato	rs:						
-			d; check all that	apply)			Secondary	Indicators (minimum of two required)
Surface W			x Water-Sta		es (B9)			e Soil Cracks (B6)
X High Wate	er Table (A2)		Aquatic Fa					ge Patterns (B10)
X Saturation	(A3)		True Aqua		,			eason Water Table (C2)
Water Ma			Hydrogen					sh Burrows (C8)
	Deposits (B2)		Oxidized F			vina Ra		tion Visible on Aerial Imagery (C9)
Drift Depo	,		Presence					d or Stressed Plants (D1)
	or Crust (B4)		Recent Iro			·		orphic Position (D2)
Iron Depos	sits (B5)		Thin Muck			00 000		leutral Test (D5)
	Visible on Aeria	al Imagery (B7)	Gauge or	Andrea Statement al 199			<u></u>	
	/egetated Conc							
Field Observa	ations:						1	
Surface Water		Yes	No x	Depth (in	ches).			
Water Table P		Yes x	No	Depth (in		12		
Saturation Pre		Yes x	No	Depth (in		2	Wetland Hydrology	Present? Vos V No
(includes capil		<u> </u>		Deptit (iii		-	Wettand Hydrology	Present? Yes X No
		am gauge, mon	itoring well, aeria	l photos	previous	inspec	tions), if available:	
		J						
Remarks:								