

4709 COLLEGE ACRES DRIVE SUITE 2 WILMINGTON, NC 28403

> TEL (910) 392-9253 FAX (910) 392-9139 czrwilm@czr-inc.com

27 September 2023

Mr. Ty Crowder Sand Dollar Homes, LLC 1705 Ivory Gull Drive Morehead City, NC 28557

Re: Reconnaissance and delineation of potential Section 404/401 wetland jurisdictional areas on a 27.29-acre parcel (PIN# 536518217675) near Swansboro in Onslow County, NC.

Dear Mr. Crowder

Thank you for contacting CZR Incorporated (CZR) in regard to the above referenced project. At your request CZR has completed an evaluation of wetlands and Waters of the United States (WOTUS) for an approximate 27.29-acre parcel (PIN# 536518217675) located at the intersection of Swansboro Loop Road and Rooster Run Road near Swansboro, Onslow County, NC. Fieldwork was conducted on 12 September 2023.

Background Research

Prior to field efforts online available resources were reviewed for the project area including:

- U.S. Geological Survey (USGS) 7.5 minute topographic quadrangle of Hubert, NC.
- Natural Resource Conservation Service (NRCS) published Soil Surveys of Onslow County, NC.
- Aerial photography.

Topography

The project area is generally flat. Elevations range from a low of 30 feet above mean sea level (MSL) to a high of approximately 32 feet above MSL based on a review of the USGS topographic map (Figure 1).

Soils

The NRCS Soil Survey for Onslow County depicts two mapped soil units, Onslow loamy fine sand and Rains fine sandy loam (0-2% slopes) (Figure 2). Onslow loamy fine sand is a non-hydric soil mapping unit that may contain inclusions of hydric soils. Rains fine sandy loam (0-2% slopes) is a hydric soil mapping unit.

Wetlands and Surface Waters

The project area was reviewed for the presence/absence of wetland areas in accordance with the 1987 Corps of Engineers Wetlands Delineation Manual and the Regional Supplement (Atlantic and Gulf Coast – November 2010) and the 2023 Revised Definition of "Waters of the United States" Final Rule (September 8, 2023).

Results of Field Visit

No Section 404 jurisdictional wetlands were identified in the study area; however, three potential isolated wetlands were identified in the study. These features are surrounded by uplands with no direct connection to surface waters and appear to be isolated wetlands. Although these features are not under federal jurisdiction, they may be considered wetlands under the State's 401 wetland jurisdiction administered by the N.C. Division of Water Resources (NCDWR). These areas were delineated in the field with sequentially numbered pink flagging (Figure 3 and Table 1).

Feature ID.	Cowardin Classification	NCWAM Classification	Regulatory Authority	Approximate Area (acres)
WA	PFO	Basin Wetland	NCDWR	0.42
WB^1	PFO^{1}	Basin Wetland ¹	NCDWR ¹	0.03
WC^1	PFO ¹	Basin Wetland ¹	NCDWR ¹	0.21

Table 1. Summary of Results

¹ Features WB and WC lack sufficient indicators of wetland hydrology and therefore may not classified as wetlands subject to state or federal wetland regulations.

One wetland area (WA) has evidence of wetland hydrology, hydrophytic vegetation, and hydric soils (3 parameters needed to be considered a wetland) but is surrounded by uplands with no direct connection to surface waters. Hydrologic indicators were limited to geomorphic position and vegetation that passes the FAC-Neutral Test. Soils in this area are hydric (Munsell color 2.5Y 2.5/1) along with hydrophytic vegetation including sweet bay (*Magnolia virginiana*), little-leaf titi (*Cyrilla racemiflora*), and greater bladder sedge (*Carex intumescens*).

Two additional areas (WB and WC) have evidence of hydrophytic vegetation and hydric soils but lacked evidence of wetland hydrology (only one secondary indicator of wetland hydrology was observed) and are surrounded by uplands with no direct connection to surface waters. Hydrologic indicators were limited to vegetation that passes the FAC-Neutral Test. Soils in this area are hydric (Munsell color 2.5Y 2.5/1) along with hydrophytic vegetation including red maple (*Acer rubrum*) and little-leaf titi.

Recommendations

The results of the delineation should be considered preliminary until reviewed and approved by the U.S. Army Corps of Engineers (USACE) and NCDWR. No Section 404 jurisdictional wetlands were identified in the study area and isolated depressional wetlands (potential 401 jurisdiction) were identified in the study area. Isolated wetlands are not regulated by the U.S. Army Corps of Engineers (USACE) however, isolated wetlands are regulated by NCDWR and a permit may be required from NCDWR for any potential impacts to isolated wetlands. Depending on your plans, and if needed and/or requested; CZR can coordinate with the USACE to seek concurrence for the field delineation. We recommend your surveyor/builder document the wetland/upland boundary and evaluate options for use.

Please contact us with any questions or items you wish to discuss. We appreciate the opportunity to assist you with this project.

Sincerely,

CZR INCORPORATED

Most Smith

Matt Smith Senior Environmental Scientist Wilmington, NC

CP# 2373

CC: Sam Cooper, CZR Incorporated

Attachments:

Figures (1-topo, 2-soils, 3-wetland delineation results) Routine onsite data forms of site conditions Characteristic photos of the site







U.S. Army WETLAND DETERMINATION DATA S See ERDC/EL TR-10-20; th	ulf Coastal Plain Region	OMB Control #: 0710-0024, Exp: 11/30/2024 Requirement Control Symbol EXEMPT: (Authority: AR 335-15, paragraph 5-2a)					
Project/Site: Sand Dollar Homes Site		City/County: Onslow	Sampling Date: 9/12/2023				
Applicant/Owner: Sand Dollar Homes, Ll	LC		State: NC Sampling Point: wetland				
Investigator(s): CZR MKS	Se	ection, Township, Range: NA					
Landform (hillside, terrace, etc.): depressio	n Loca	I relief (concave, convex, non	a): concave Slope (%): <1				
Subregion (I RR or MI RA): I RR T MI RA 1	53A Lat 34 703374	l ong: -77 1	28087 Datum: WGS 84				
Soil Map Unit Name: Rains fine sandy loam		209.	NWI classification: PFO				
Are climatic / hydrologic conditions on the site	e typical for this time of year	2 Yes I	No X (If no explain in Remarks)				
Are Vegetation Soil or Hydrologic	logy significantly dist	urbed? Are "Normal Circu	mstances" present? Ves X No				
Are Vegetation, con, or Hydro	logy	natic? (If nooded, explain	any answors in Romarks)				
SUMMARY OF FINDINGS – Attach	site map showing sa	impling point locations	s, transects, important features, etc.				
Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present?	Yes X No Yes X No Yes X No	Is the Sampled Area within a Wetland?	Yes <u>X</u> No				
Remarks: According to the Antecedent Precipitation vs normal at the time of the field work.	s Normal Range based on N	OAA's Daily Global Historical	Climatology Network, the site conditions were				
HYDROLOGY							
Wetland Hydrology Indicators:		Sec	condary Indicators (minimum of two required)				
Primary Indicators (minimum of one is requi	red; check all that apply)		Surface Soil Cracks (B6)				
Surface Water (A1)	Aquatic Fauna (B13)		Sparsely Vegetated Concave Surface (B8)				
High Water Table (A2)	Hydrogen Sulfide Odo	. KK U)	Drainage Patterns (B10) Moss Trim Lines (B16)				
Water Marks (B1)	Oxidized Rhizospheres	s on Living Roots (C3)	Dry-Season Water Table (C2)				
Sediment Deposits (B2)	Presence of Reduced	Iron (C4)	Crayfish Burrows (C8)				
Drift Deposits (B3)	Recent Iron Reduction	in Tilled Soils (C6)	ils (C6) Saturation Visible on Aerial Imagery (C9)				
Algal Mat or Crust (B4)	Thin Muck Surface (C	7) <u>X</u>	Geomorphic Position (D2)				
Iron Deposits (B5)	Other (Explain in Rem	arks)	Shallow Aquitard (D3)				
Water-Stained Leaves (B9)	()	<u></u>	Sphagnum Moss (D8) (LRR T II)				
Field Observations:							
Surface Water Present? Yes	No X Depth (inches):					
Water Table Present? Yes	No X Depth (inches):					
Saturation Present? Yes	No X Depth (inches): Wetland Hyd	rology Present? Yes X No				
(includes capillary fringe)							
Describe Recorded Data (stream gauge, mo	onitoring well, aerial photos,	previous inspections), if availa	ble:				
Remarks:							
ENG FORM 6116-2, JUL 2018 CP#2373		1 of 6	Atlantic and Gulf Coastal Plain – Version 2.0 CZR Incorporated				
Attachment 2			September 2023				

VEGETATION (Four Strata) – Use scientific names of plants.

Sampling Point: wetland

	Absolute	Dominant	Indicator	
Tree Stratum (Plot size: 30x30 ft)	% Cover	Species?	Status	Dominance Test worksheet:
1. Pinus taeda	20	Yes	FAC	Number of Dominant Species
2. Liquidambar styraciflua	5	No	FAC	That Are OBL, FACW, or FAC: 8 (A)
3. Magnolia virginiana	5	No	FACW	Total Number of Dominant
4. Acer rubrum	30	Yes	FAC	Species Across All Strata: 8 (B)
5 Cyrilla racemiflora	5	No	FACW	
6			17.017	Percent of Dominant Species
0				Brevelance Index workshoet
7		<u> </u>		
8				l otal % Cover of: Multiply by:
	65	=Total Cover		OBL species x 1 = 4
50% of total cover: 33	3 20%	of total cover:	13	FACW species 55 x 2 = 110
Sapling/Shrub Stratum (Plot size: 30x30ft)				FAC species 82 x 3 = 246
1. Cyrilla racemiflora	15	Yes	FACW	FACU species 0 x 4 = 0
2. Acer rubrum	10	Yes	FAC	UPL species 0 x 5 = 0
3. Liquidambar styraciflua	5	No	FAC	Column Totals: 141 (A) 360 (B)
A Persea borbonia	10	Ves	FACW	$\frac{1}{2} = \frac{1}{2} = \frac{1}$
	10	103	TAON	
5.		·······		Hydrophylic vegetation indicators:
b				1 - Rapid Test for Hydrophytic Vegetation
7				X 2 - Dominance Test is >50%
8.				X 3 - Prevalence Index is $\leq 3.0^{1}$
	40	=Total Cover		Problematic Hydrophytic Vegetation ¹ (Explain)
50% of total cover: 20	20%	of total cover:	8	
Herb Stratum (Plot size: 30x30ft)				
1. Osmunda spectabilis	2	No	OBL	1 maliantena of buduia poil and unational buduate any must be
2 Pinus tanda	10	Ves	EAC	Indicators of hydric soil and wetland hydrology must be
		Ne		Definitions of Four Vegetation Strates
	<u></u>			Demnitions of Four vegetation Strata:
4. Carex intumescens	15	Yes	FACW	Tree – Woody plants, excluding vines, 3 in. (7.6 cm) or
5. Acer rubrum	2	No	FAC	more in diameter at breast height (DBH), regardless of
6.				neight.
7.				Septime (Shrub Weedy plants evaluating vince loss
8.				than 3 in DBH and greater than 3 28 ft (1 m) tall
9.				
10.				
11				Herb – All herbaceous (non-woody) plants, regardless
12		·		of size, and woody plants less than 3.28 ft tall.
1Z.		Tatal Osuan		
	31	= I otal Cover		Woody Vine – All woody vines greater than 3.28 ft in beight
50% of total cover:1	<u> </u>	of total cover:	7	
Woody Vine Stratum (Plot size: 30x30ft)				
1. Smilax laurifolia	5	Yes	FACW	
2.				
3.				
4.				
5				
····		-Total Cavar		Hydrophytic
	<u> </u>		4	Vegetation
50% of total cover: 3	20%	of total cover:	1	Present? Yes <u>×</u> No
Remarks: (If observed, list morphological adaptation	is below.)			

SOIL

Depth	Matrix		Redo	x Featur	es					
inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Te	xture	Remarks	
0-14	2.5Y 2.5/1	100					Loam	y/Clayey		
14-20	10YR 5/1	90	10YR 6/8	10	С	PL	Loam	y/Clayey	Prominent redox cor	centrations
		_		_	_	·				
						·		2		
Type: C=C	oncentration, D=Depl	etion, RM	=Reduced Matrix, N	/IS=Mas	ked Sand	l Grains.		² Location:	PL=Pore Lining, M=Matri	X. Seile ³ i
Histosol Histic E Black Hi Hydroge Stratified Organic 5 cm Mu Muck Pr 1 cm Mu Depleter X Thick Da Coast P Sandy M Sandy F	(A1) pipedon (A2) istic (A3) en Sulfide (A4) d Layers (A5) Bodies (A6) (LRR P, ucky Mineral (A7) (LR resence (A8) (LRR U) uck (A9) (LRR P, T) d Below Dark Surface ark Surface (A12) rairie Redox (A16) (M Mucky Mineral (S1) (L Gleyed Matrix (S4) Redox (S5)	T, U) R P, T, U (A11) LRA 150/ RR O, S)	Thin Dark S Barrier Islan (MLRA 15 Loamy Mucl Loamy Gley Depleted Ma Depleted Da Redox Dark Depleted Da Redox Depr Marl (F10) (I Depleted Oc Narl (F10) (I Depleted Oc Reduced Ve	urface (\$ ds 1 cm 3B, 153 (y Miner ed Matri atrix (F3) Surface rk Surfa essions _RR U) thric (F1 esse Ma ace (F13 (F17) (I rtic (F18)	59) (LRR Muck (S D) al (F1) (L x (F2) (F6) (F6) (F8) 1) (MLRA 53 (LRR F MLRA 15 6) (MLRA	S, T, U) 12) RR O) 2) (LRR C 2) (LRR C 2, T, U) 1) 150A, 15	0, P, T) 50B)	1 cm M 2 cm M Coast I (outs Piedmo Anoma (MLF Red Pa Very S (outs Barrier (MLF Cother (fuck (A9) (LRR O) fuck (A10) (LRR S) Prairie Redox (A16) side MLRA 150A) ed Vertic (F18) side MLRA 150A, 150B) ont Floodplain Soils (F19) flous Bright Floodplain Soc RA 153B) arent Material (F21) hallow Dark Surface (F22) side MLRA 138, 152A in Islands Low Chroma Mar RA 153B, 153D) Explain in Remarks)	(LRR P, T) vils (F20) FL, 154) trix (TS7)
Stripped Matrix (S6) Piedmont Floodplain Soils (F19) (N Dark Surface (S7) (LRR P, S, T, U) Anomalous Bright Floodplain Soils Polyvalue Below Surface (S8) (MLRA 149A, 153C, 153D) (LRR S, T, U) Very Shallow Dark Surface (F22) (MLRA 138, 152A in FL, 154)				19) (MLR Soils (F2 22) 5 4)	RA 149A) 20) ³ Indicators of hydrophytic vegetation wetland hydrology must be prese unless disturbed or problematic.					
Type:										
Depth (i	nches):						Hydri	c Soil Prese	ent? Yes X	No

U.S. Army WETLAND DETERMINATION DATA See ERDC/EL TR-10-20; t	/ Corps of Engineers SHEET – Atlantic and G he proponent agency is	ulf Coastal Plain Region	OMB Control #: 0710-0024, Exp: 11/30/2024 Requirement Control Symbol EXEMPT: (Authority: AR 335-15, paragraph 5-2a)				
Project/Site: Sand Dollar Homes Site		City/County: Onslow	Sampling Date: 9/12/2023				
Applicant/Owner: Sand Dollar Homes, L	LC		State: NC Sampling Point: upland				
Investigator(s): CZR MKS	S	ection, Township, Range: NA					
Landform (hillside, terrace, etc.): flat	Loca	I relief (concave, convex, none	e): none Slope (%): <1				
Subregion (LRR or MLRA): LRR T, MLRA 1	53A Lat: 34.703529	Long: -77.1	27862 Datum: WGS 84				
Soil Map Unit Name: Rains fine sandy loam			NWI classification: NA				
Are climatic / hydrologic conditions on the sit	e typical for this time of year	? Yes X N	No (If no, explain in Remarks.)				
Are Vegetation , Soil , or Hydro	blogy significantly dist	urbed? Are "Normal Circu	mstances" present? Yes X No				
Are Vegetation Soil , or Hydro	blogy naturally probler	natic? (If needed, explain	any answers in Remarks.)				
SUMMARY OF FINDINGS – Attach	n site map showing sa	ampling point locations	s, transects, important features, 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 <u>No X</u>						
Remarks: According to the Antecedent Precipitation v normal at the time of the field work.	s Normal Range based on N	OAA's Daily Global Historical	Climatology Network, the site conditions were				
HYDROLOGY							
Wetland Hydrology Indicators:		Sec	condary Indicators (minimum of two required)				
Primary Indicators (minimum of one is requi	ired; check all that apply)		Surface Soil Cracks (B6)				
Surface Water (A1)	Aquatic Fauna (B13)		Sparsely Vegetated Concave Surface (B8)				
Saturation (A3)	Hydrogen Sulfide Odo	r (C1)	Moss Trim Lines (B16)				
Water Marks (B1)	Oxidized Rhizosphere	s on Living Roots (C3)	Dry-Season Water Table (C2)				
Sediment Deposits (B2)	Presence of Reduced	Iron (C4)	Crayfish Burrows (C8)				
Drift Deposits (B3)	Recent Iron Reduction	in Tilled Soils (C6)	Saturation Visible on Aerial Imagery (C9)				
Algal Mat or Crust (B4)	Thin Muck Surface (C	7)	Geomorphic Position (D2)				
Iron Deposits (B5)	Other (Explain in Rem	arks)	Shallow Aquitard (D3)				
Inundation Visible on Aerial Imagery (B	()	<u></u>	FAC-Neutral Test (D5)				
Field Observations:							
Surface Water Present? Yes	No X Depth (inches	.):					
Water Table Present? Yes	No X Depth (inches):					
Saturation Present? Yes	No X Depth (inches): Wetland Hyd	rology Present? Yes <u>No X</u>				
(includes capillary fringe)							
Describe Recorded Data (stream gauge, mo	onitoring well, aerial photos,	previous inspections), if availa	ble:				
Remarks:							
Trendrid.							
ENG FORM 6116-2, JUL 2018 CP#2373		4 of 6	Atlantic and Gulf Coastal Plain – Version 2.0 CZR Incorporated				
Attachment 2			September 2023				

VEGETATION (Four Strata) – Use scientific names of plants.

Sampling Point: upland

Trop Stratum (Plat aize: 20x20ft)	Absolute	Dominant	Indicator	Dominance Test worksheet:
1 Pinus taeda	50	Species?	FAC	
1. Finus lacua	30	Ves	EAC	Number of Dominant Species
2. Liquidambal Styracinda	10	No		
	10		FAC	Total Number of Dominant
4				Species Across All Strata. δ (B)
5				Percent of Dominant Species
0				Provelence Index workshoet:
/				
o		-Total Cover		
FOW of total action	90		10	$\frac{1}{5}$
Sonling (Shruh Stratum (Diat size) 20/20ft	+ <u>5</u> 20%		10	FACW species 3 $x_2 = 10$
<u>Sapirig/Siliub Stratum</u> (Plot size. <u>50x3011</u>) 20	Voo	EAC	FAC species 170 x 3 - 510
	10	Yes		$\frac{1}{100} = \frac{1}{100} = \frac{1}$
2. Acer rubrum		<u>res</u>		$\begin{array}{c} \text{OPL species} 0 x \text{ 5 - } 0 \\ \text{Column Totals} 175 (A) 520 (B) \end{array}$
3. Persea borborila	5	INO	FACW	Column Totals: 175 (A) 520 (B)
4.				Prevalence Index = $B/A = 2.97$
5				Hydrophytic Vegetation Indicators:
6				1 - Rapid Test for Hydrophytic Vegetation
7.				X 2 - Dominance Test is >50%
8				3 - Prevalence Index is ≤3.0'
	45	=Total Cover		Problematic Hydrophytic Vegetation ' (Explain)
50% of total cover:	23 20%	o of total cover:	9	
Herb Stratum (Plot size: <u>30x30ft</u>)				
1. Pinus taeda	10	Yes	FAC	¹ Indicators of hydric soil and wetland hydrology must be
2. Smilax rotundifolia	5	No	FAC	present, unless disturbed or problematic.
3. Gelsemium sempervirens	10	Yes	FAC	Definitions of Four Vegetation Strata:
4. Liquidambar styraciflua	10	Yes	FAC	Tree – Woody plants, excluding vines, 3 in. (7.6 cm) or
5				more in diameter at breast height (DBH), regardless of
6				neight.
7				Sanling/Shruh – Woody plants, excluding vines, less
8				than 3 in. DBH and greater than 3.28 ft (1 m) tall.
9				
10				Harb All borbaccous (non woody) plants, regardless
11				of size, and woody plants less than 3.28 ft tall.
12.				
	35	=Total Cover		Woody Vine – All woody vines greater than 3.28 ft in
50% of total cover:	18 20%	of total cover:	7	height.
Woody Vine Stratum (Plot size: 30x30ft)				
1. Vitis rotundifolia	5	Yes	FAC	
2.				
3.				
4.				
5.				
	5	=Total Cover		Hydrophytic
50% of total cover:	3 20%	of total cover:	1	Present? Yes X No
Demortice. (If cheer and list merphological adoptation	na halaw)			
Remarks: (II observed, list morphological adaptatic	ons below.)			

SOIL

· · · ·	epth Matrix				- 1	. 2	_		_		
(inches) Color (moist) %		%	Color (moist)	%	Туре	Loc ²	Te	xture	Re	marks	
0-12	10YR 3/2	100					Loamy	y/Clayey			
12-14	10YR 3/4	95	10YR 3/2	5			Loamy	y/Clayey			
14-20 2.5Y 5/2 100	100					Loamy	y/Clayey				
								<u> </u>			
Гуре: С=Со	oncentration, D=Depl	etion, RM=	Reduced Matrix, I	MS=Mas	ked Sand	d Grains.		² Location: PL=P	ore Lining, M	=Matrix.	
ydric Soil I	ndicators: (Applical	ble to all I	RRs, unless oth	erwise r	noted.)			Indicators for P	oblematic H	ydric Soils ³ :	
Histosol	(A1)		Thin Dark Surface (S9) (LRR S, T, U)					1 cm Muck (A9) (LRR O)			
Histic Ep	ipedon (A2)		Barrier Islands 1 cm Muck (S12)					2 cm Muck (A10) (LRR S)			
Black Histic (A3)			(MLRA 153B, 153D)					Coast Prairie Redox (A16)			
Hydrogen Sulfide (A4)			Loamy Mucky Mineral (F1) (LRR O)					(outside N	LRA 150A)		
Stratified Layers (A5)			Loamy Gleyed Matrix (F2)					Reduced Ver	tic (F18)		
Organic	Bodies (A6) (LRR P,	T, U)	Depleted Ma	atrix (F3))		(outside MLRA 150A, 150B)				
5 cm Mucky Mineral (A7) (LRR P, T, U)			Redox Dark	Surface	(F6)			Piedmont Flo	odplain Soils	; (F19) (LRR P, T	
Muck Pre	esence (A8) (LRR U)		Depleted Dark Surface (F7)					Anomalous Bright Floodplain Soils (F20)			
1 cm Mu	ck (A9) (LRR P, T)		Redox Depressions (F8)					(MLRA 153B)			
Depleted	Below Dark Surface	(A11)	Marl (F10) (LRR U)					Red Parent Material (F21)			
Thick Da	rk Surface (A12)	. ,	Depleted Ochric (F11) (MLRA 151)					Very Shallow Dark Surface (F22)			
Coast Pr	airie Redox (A16) (M	LRA 150A	Iron-Manganese Masses (F12) (LRR O, P, T)					T) (outside MLRA 138, 152A in FL, 154)			
Sandy M	ucky Mineral (S1) (L	RR O, S)	Umbric Surface (F13) (LRR P. T. U)					Barrier Islands Low Chroma Matrix (TS7)			
 Sandy G	leved Matrix (S4)		Delta Ochric (E17) (MLRA 151)					(MLRA 153B, 153D)			
Sandy R	edox (S5)		Beduced Vertic (F18) (MI RA 150A 150B)					3) Other (Explain in Remarks)			
Stripped	Matrix (S6)		Piedmont F	Piedmont Eloodplain Soils (E19) (MI RA 149A)						-)	
Dark Sur	face (S7) (I RR P S	тш	Anomalous	Bright Fl	loodplain	Soils (F2	0)				
Polyvalu	e Below Surface (S8)	1, 0)	(MI RA 14	19A 153		0010 (1 2	0)	³ Indicators of	hydrophytic	vegetation and	
		Very Shallo	Vory Shallow Dark Surface (E22)					wetland hydrology must be present			
		(MLRA 138, 152A in FL. 154)					unless disturbed or problematic.				
estrictive L	ayer (if observed):		•	-							
Type:											
Depth (ir	iches):						Hydric	Soil Present?	Yes	No X	

Site Photos



Photo 1 – View of isolated wetland feature (WA) on 12 September 2023.



Photo 2 – View of upland adjacent to isolated wetland feature (WA) on 12 September 2023.



Photo 3 – View of non-wetland feature (WB) on 12 September 2023.



Photo 4 – View adjacent to non-wetland feature (WB) on 12 September 2023.



Photo 5 – View of non-wetland feature (WC) on 12 September 2023.



Photo 6 – View adjacent to non-wetland feature (WC) on 12 September 2023.