Project/Site: Fairview Cranberry-Smart Sand Site	City/County:	Monroe		Sampling Date: 9	/22/11	
Applicant/Owner: Fairview Cranberry Company, LLC.		State: \	Visconsin	Sampling Po	int:	A-6
Investigator(s): Gary W. Starzinski		Section,	Township, I	Range: Sec.8,T	17 N-R 1	E
Landform (hillslope, terrace, etc.): Depression	Loca	al relief (concave, co	nvex, none):	oncave	
Slope (%): 1% Lat.: Long.		Datu				
Soil Map Unit Name Newson Mucky Sand				ssification: Hard		amp
Are climatic/hydrologic conditions of the site typical for this				φlain in remarks)	
Are vegetation, soil, or hydrology	significantly			Are "normal		
Are vegetation, soil, or hydrology	naturally pro	oblematic	? No	circumstances" p	resent?	Yes
(If needed, explain any answers in remarks)						
SUMMARY OF FINDINGS						
Hydrophytic vegetation present?	is the sampled	area wit	thin a wetla	nd?	Υ	
Hydric soil present?						
Indicators of wetland hydrology present?	If yes, optional v	wetland s	site ID:			
Remarks: (Explain alternative procedures here or in a sep	parate report.)					
HYDROLOGY						
	V-610H111-1		Seconda	ary Indicators (m	inimum o	f two
Primary Indicators (minimum of one is required; check all	that apply)		required	1970		
1 7.1 A	ined Leaves (B9)		5.1	ace Soil Cracks (I	86)	
	auna (B13)		-	nage Patterns (B		
	osits (B15)			s Trim Lines (B16		
	Sulfide Odor (C1)			Season Water Ta		
	Rhizospheres on Liv	ving		fish Burrows (C8)		
Drift Deposits (B3) X Roots (C3		•		ration Visible on		gery
	of Reduced Iron (C	(4)	(C9)			
Iron Deposits (B5) Recent Iro	n Reduction in Tille	ed	Stun	ited or Stressed F	lants (D1))
Inundation Visible on Aerial Soils (C6)			X Geo	morphic Position	(D2)	
Imagery (B7) Thin Muck	Surface (C7)		Shall	llow Aquitard (D3)		
Sparsely Vegetated Concave Other (Ex	plain in Remarks)		X FAC	-Neutral Test (D5)	
Surface (B8)			Micr	otopographic Reli	ef (D4)	
5.440						
Field Observations:	De-th (inches)			I		
Surface water present? Yes No X	Depth (inches):		-	Indicators of		
Water table present? Yes X No Saturation present? Yes X No	Depth (inches):		-	wetland		
Saturation present? Yes X No	Depth (inches):	0	- 1	hydrology present?	~	
(includes capillary intige)				present? _	<u> </u>	
Describe recorded data (stream gauge, monitoring well, a	erial photos, previ	ous insp	ections), if a	vailable:		
l	, p		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Soil mapsand GIS photos.						į.
Remarks:						
l .						3

SOIL			awww.shede-colorad-colorad-				Sa	mpling Point:	A-6	
	1000 020		g - 22 - 24 - 24		02:22	220 320 32	2 22 2	40 0 0		
		ibe to th				indicato	r or confirm the absence	e of indicators.)		
Depth (Inches)	Matrix Color (moist)	%	Color (moist)	ox Feat %	Type*	Loc**	Texture	Remarks		
0-4	10YR2/1	99	7.5YR5/6	1	C	PL	Mucky Sand			
-24	10YrR7/1	100	1.011(0/0		<u> </u>		Loamy sand			
	10 min	100					Louiny dana			
					 					
							Name and the second			
							WWW.			
							NAME OF THE OWNER			
*Type: C=C	oncentration, D	=Deplet	ion, RM=Reduce	d Matri	x, CS=C	overed o	r Coated Sand Grains			
**Location:	PL=Pore Lining	, M=Mat	trix		44					
Hydric Soi	Indicators:						Indicators for Prot	blematic Hydric So	ils:	
His Bla Hyo Stra Dep Thi X Sar Sar Sar Sar Dar		A4) 5) rk Suface (A12) ral (S1) rix (S4) (LRR R,	Ce (A11) (LR Loa Dep Rec Dep Rec MLRA) (LRR n Dark (R R, M my Muc R K, L) my Gle bleted M dox Darb bleted D dox Dep	yed Mati Matrix (F3 k Surfac Jark Surf pressions	A 149B) (S9) 9B eral (F1) rix (F2) 3) e (F6) face (F7) s (F8)	Coast Prairie R 5 cm Mucky Pe Dark Surface (S Polyvalue Belov Thin Dark Surfa Iron-Manganese Piedmont Flood Mesic Spodic (T Red Parent Mat	w Surface (S8) (LRF ace (S9) (LRR K, L) e Masses (F12) (LR dplain Soils (F19) (M TA6) (MLRA 144A, terial (TF2) bark Surface (TF12) in Remarks)	, L, R) R K, L, R) R K, L) R K, L, R) ILRA 149B)	
Restrictive	Layer (if observ	ed):								
Type:					_		Hydric soil preser	nt? <u>Y</u>		
Depth (inch	es):				-					
Remarks:										

Project/Site: Fairview Cranberry-Smart	Sand Site City/County:	Monroe Sampling Date: 9/22/11
Applicant/Owner: Fairview Cranberry Co	ompany, LLC.	State: Wisconsin Sampling Point: A-7
Investigator(s): Gary W. Starzinski		Section, Township, Range: Sec.8,T 17 N-R 1 E
Landform (hillslope, terrace, etc.): Hillslope	pe Loc	cal relief (concave, convex, none): Convex
Slope (%): 3% Lat.:	Long.:	Datum:
Soil Map Unit Name Ironrun Loamy Sand		NWI Classification: Upland
Are climatic/hydrologic conditions of the sit	te typical for this time of the year	
		y disturbed? No Are "normal
	or hydrology naturally pr	roblematic? No circumstances" present? Yes
(If needed, explain any answers in remarks	들이 경기를 잃었다니요 생각 구하는데 그 프로그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그	
, , , , , , , , , , , , , , , , , , , ,		
SUMMARY OF FINDINGS		
Hydrophytic vegetation present?	N Is the sample	d area within a wetland?
	N is the samplet	area within a wetland?
Hydric soil present?	The second of th	Want of the ID.
Indicators of wetland hydrology present?	N If yes, optional	wetland site ID:
Remarks: (Explain alternative procedures	here or in a separate report.)	
, , , , , , , , , , , , , , , , , , ,		
HYDROLOGY		
		Secondary Indicators (minimum of two
Primary Indicators (minimum of one is requ	uired; check all that apply)	required)
Surface Water (A1)	Water-Stained Leaves (B9)	Surface Soil Cracks (B6)
High Water Table (A2)	Aquatic Fauna (B13)	Drainage Patterns (B10)
Saturation (A3)	Marl Deposits (B15)	Moss Trim Lines (B16)
Water Marks (B1)	Hydrogen Sulfide Odor (C1)	Dry-Season Water Table (C2)
Sediment Deposits (B2)	Oxidized Rhizospheres on L	.iving Crayfish Burrows (C8)
Drift Deposits (B3)	Roots (C3)	Saturation Visible on Aerial Imagery
Algal Mat or Crust (B4)	Presence of Reduced Iron (0	(COMP)
Iron Deposits (B5)	Recent Iron Reduction in Till	[1] (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
Inundation Visible on Aerial	Soils (C6)	Geomorphic Position (D2)
Imagery (B7)	Thin Muck Surface (C7)	Shallow Aquitard (D3)
Sparsely Vegetated Concave	Other (Explain in Remarks)	FAC-Neutral Test (D5)
Surface (B8)		Microtopographic Relief (D4)
Field Observations:		
Surface water present? Yes	No X Depth (inches)	Indicators of
Water table present? Yes	No X Depth (inches)	
Saturation present? Yes	No X Depth (inches)	
(includes capillary fringe)		present? N
(morados capinary milgo)		protein:
Describe recorded data (stream gauge, mo	onitoring well, aerial photos, prev	vious inspections), if available:
(,
Soil mapsand GIS photos.		
erendekten Karasten periat Kalastatuten.		
Remarks:		

							indicato	r or confirm the abse	nce of indicators.)
0-4 10YR3/2 100							Loo**	Texture	Remarks
*Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains *Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains **Location: PL=Pore Lining, M=Matrix Hydric Soil Indicators: Histiso (A1)				Color (moist)	76	Type	LOC	Loamy Sand	
*Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains **Location: PL=Pore Lining, M=Matrix Hydric Soil Indicators: Histisol (A1)			-	7.5YR5/6	2	C	м		
**Location: PL=Pore Lining, M=Matrix Hydric Soil Indicators: Histisol (A1)		10111011	1 00	7.0111070		-		Louiny Guild	
**Location: PL=Pore Lining, M=Matrix Hydric Soil Indicators: Histisol (A1)					-				
**Location: PL=Pore Lining, M=Matrix Hydric Soil Indicators: Histisol (A1)									
**Location: PL=Pore Lining, M=Matrix Hydric Soil Indicators: Histisol (A1)									
**Location: PL=Pore Lining, M=Matrix Hydric Soil Indicators: Histisol (A1)									
**Location: PL=Pore Lining, M=Matrix Hydric Soil Indicators: Histisol (A1)									
**Location: PL=Pore Lining, M=Matrix Hydric Soil Indicators: Histisol (A1)									
**Location: PL=Pore Lining, M=Matrix Hydric Soil Indicators: Histisol (A1)									
**Location: PL=Pore Lining, M=Matrix Hydric Soil Indicators: Histisol (A1)									
**Location: PL=Pore Lining, M=Matrix Hydric Soil Indicators: Histisol (A1)	•= 0.6							0 1 10 10 :	
Hydric Soil Indicators: Histisol (A1)					ed Matri	x, CS=C	overed o	r Coated Sand Grains	5
Histisol (A1) Polyvalue Below Surface (S8) (LRR K, MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, R) Black Histic (A3) Thin Dark Surface (S9) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Hydrogen Sulfide (A4) (LRR R, MLRA 149B) Dark Surface (S7) (LRR K, L, R) Stratified Layers (A5) Loamy Mucky Mineral (F1) Polyvalue Below Surface (S8) (LRR K, L) Thick Dark Surface (A11) (LRR K, L) Thin Dark Surface (S9) (LRR K, L) Thick Dark Surface (A12) Loamy Gleyed Matrix (F2) Iron-Manganese Masses (F12) (LRR K, L, R) Sandy Mucky Mineral (S1) Depleted Matrix (F3) Piedmont Floodplain Soils (F19) (MLRA 149B) Sandy Redox (S5) Depleted Dark Surface (F6) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Sandy Redox (S5) Depleted Dark Surface (F7) Red Parent Material (TF2) Stripped Matrix (S6) Redox Depressions (F8) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B) *Indicators of hydrophytic vegetation and weltand hydrology must be present, unless disturbed or problematic Restrictive Layer (if observed): Type: Depth (inches): Hydric soil present? N			, IVI-IVIAI	. TIX				Indicators for D	roblomatic Hudric Soils:
Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4) Stratified Layers (A5) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Redox (S5) Sandy Redox (S5) Depleted Dark Surface (F6) Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) Redox Depressions (F8) Tother (Explain in Remarks) *Indicators of hydrophytic vegetation and weltand hydrology must be present, unless disturbed or problematic Coast Prairie Redox (A16) (LRR K, L, R) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Polyvalue Below Surface (S7) (LRR K, L) Thin Dark Surface (S7) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) Hydric soil present? N	His	tisol (A1)		Pol	vvalue F	Below Si	ırface	2 cm Muck (A	A10) (LRR K. L. MLRA 149B
Black Histic (A3) Hydrogen Sulfide (A4) Stratified Layers (A5) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Stratiped Matrix (S5) Depleted Dark Surface (F7) Stripped Matrix (S6) Dark Surface (S7) (LRR K, L) Thick Dark Surface (A12) Sandy Redox (S5) Depleted Dark Surface (F7) Stripped Matrix (S6) Dark Surface (S7) (LRR K, L) Thin Dark Surface (S8) (LRR K, L) Thin Dark Surface (S9) (2)						
Stratified Layers (A5) Depleted Below Dark Suface (A11) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Depleted Matrix (S4) Sandy Redox (S5) Depleted Dark Surface (F6) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 149B) *Indicators of hydrophytic vegetation and weltand hydrology must be present, unless disturbed or problematic Stratified Layers (A5) Depleted Below Dark Surface (S9) (LRR K, L) Thin Dark Surf			,					5 cm Mucky	Peat or Peat (S3) (LRR K, L, R)
Depleted Below Dark Suface (A11) (LRR K, L) Thin Dark Surface (S9) (LRR K, L) Thick Dark Surface (A12) Loamy Gleyed Matrix (F2) Iron-Manganese Masses (F12) (LRR K, L, R) Sandy Mucky Mineral (S1) Depleted Matrix (F3) Piedmont Floodplain Soils (F19) (MLRA 149B) Sandy Gleyed Matrix (S4) Redox Dark Surface (F6) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Sandy Redox (S5) Depleted Dark Surface (F7) Red Parent Material (TF2) Stripped Matrix (S6) Redox Depressions (F8) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B) *Indicators of hydrophytic vegetation and weltand hydrology must be present, unless disturbed or problematic Restrictive Layer (if observed): Type: Hydric soil present? N									
Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Depleted Matrix (F2) Piedmont Floodplain Soils (F19) (MLRA 149B) Sandy Gleyed Matrix (S4) Redox Dark Surface (F6) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Sandy Redox (S5) Depleted Dark Surface (F7) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B) *Indicators of hydrophytic vegetation and weltand hydrology must be present, unless disturbed or problematic Restrictive Layer (if observed): Type: Depth (inches): Hydric soil present? N					A STATE OF THE PARTY OF THE PAR		ral (F1)		
Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Depleted Dark Surface (F6) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Sandy Redox (S5) Depleted Dark Surface (F7) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) *Indicators of hydrophytic vegetation and weltand hydrology must be present, unless disturbed or problematic Restrictive Layer (if observed): Type: Depth (inches): Hydric soil present? N					(5.) (5.)		iv (E2)		[8] [8] [8] [8] [9] [9] [9] [9] [9] [9] [9] [9] [9] [9
Sandy Gleyed Matrix (S4) Redox Dark Surface (F6) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Sandy Redox (S5) Depleted Dark Surface (F7) Red Parent Material (TF2) Stripped Matrix (S6) Redox Depressions (F8) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B) *Indicators of hydrophytic vegetation and weltand hydrology must be present, unless disturbed or problematic Restrictive Layer (if observed): Type: Hydric soil present? N Hydric soil present? N									
Stripped Matrix (S6) Redox Depressions (F8) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA Other (Explain in Remarks) *Indicators of hydrophytic vegetation and weltand hydrology must be present, unless disturbed or problematic Restrictive Layer (if observed): Type: Hydric soil present? N Depth (inches):							2 5000000000000000000000000000000000000		
Dark Surface (S7) (LRR R, MLRAOther (Explain in Remarks) 149B) *Indicators of hydrophytic vegetation and weltand hydrology must be present, unless disturbed or problematic Restrictive Layer (if observed): Type: Hydric soil present? N Depth (inches):									
149B) *Indicators of hydrophytic vegetation and weltand hydrology must be present, unless disturbed or problematic Restrictive Layer (if observed): Type: Hydric soil present?N Depth (inches):					dox Dep	ressions	(F8)		
*Indicators of hydrophytic vegetation and weltand hydrology must be present, unless disturbed or problematic Restrictive Layer (if observed): Type:			(LKK K,	MLRA				Other (Explai	n in Remarks)
Type: Hydric soil present? N Depth (inches):		*	egetatio	n and weltand h	ydrolog	must b	e presen	t, unless disturbed or	problematic
Type: Hydric soil present? N Depth (inches):		***************************************							
Depth (inches):		Layer (if observ	ed):						
						-		Hydric soil pres	sent? N
Remarks:	Depth (inch	es)							
	Remarks:	100000000000000000000000000000000000000							

Project/Site: Fairview Cranberry-Smart Sai	nd Site	City/County:	Monroe		Sampling Date:	9/22/11	
Applicant/Owner: Fairview Cranberry Comp	any, LLC.		State:	Wisconsin	Sampling Po	oint:	B-1
Investigator(s): Gary W. Starzinski					Range: Sec.8,T	17 N-R 1	E
Landform (hillslope, terrace, etc.): Depression	n	Lo			onvex, none):		
Slope (%): 1% Lat.:	Long.:		Date		S =		
Soil Map Unit Name Newson Mucky Sand				NWI CI	assification: Hard	wood Sw	amp
Are climatic/hydrologic conditions of the site to		time of the year	r? Yes	(If no, e	xplain in remarks	3)	
Are vegetation, soil, or hy		significantl	ly disturbe	ed? No	Are "normal		
	drology	naturally p	roblemati	c? No	circumstances"	present?	Yes
(If needed, explain any answers in remarks)	848						
SUMMARY OF FINDINGS							
Hydrophytic vegetation present?	Y	Is the sample	d area wi	thin a wetla	ınd?	Υ	
Hydric soil present?	Y						
Indicators of wetland hydrology present?	Y	If yes, optional	wetland	site ID:			
	<u></u>	ii jes, optional	wedana.	JIC 10.			-
Remarks: (Explain alternative procedures here	e or in a separ	rate report.)					
3,		,					
and a secretary and a second second second					The training of	41 10000000	
HYDROLOGY							
				Seconda	ary Indicators (m	inimum of	two
Primary Indicators (minimum of one is require	d; check all th	at apply)		required	The second secon		UR92.508
Surface Water (A1)		ed Leaves (B9)		Surf	ace Soil Cracks (B6)	
X High Water Table (A2)	Aquatic Fau				nage Patterns (B		
X Saturation (A3)	Marl Deposit	ts (B15)			s Trim Lines (B16		
Water Marks (B1)	Hydrogen Si	ulfide Odor (C1)			Season Water Ta		
Sediment Deposits (B2)	Oxidized Rh	izospheres on L	iving	— Cray	fish Burrows (C8)	
Drift Deposits (B3)	Roots (C3)			Satu	ration Visible on	Aerial Imag	дегу
Algal Mat or Crust (B4)	Presence of	Reduced Iron (C4)	(C9)			
Iron Deposits (B5)	Recent Iron	Reduction in Til	led	Stur	ted or Stressed F	lants (D1)	
Inundation Visible on Aerial	Soils (C6)			X Geo	morphic Position	(D2)	
Imagery (B7)	_Thin Muck S			-	low Aquitard (D3)		
Sparsely Vegetated Concave	Other (Expla	in in Remarks)		_X_FAC	-Neutral Test (D5)	
Surface (B8)				Micr	otopographic Reli	ef (D4)	
Field Observations:							
Field Observations:	N- V	D (! - !)					
	No X	Depth (inches)			Indicators of		
[] 경영화 경우 [전문] 경우		Depth (inches)		_	wetland		
Saturation present? Yes X (includes capillary fringe)	No	Depth (inches)	:0	_	hydrology	.,	
(includes capillary litinge)					present?	<u>Y</u>	
Describe recorded data (stream gauge, monito	ring well ac-	ial photos are:	ioue ins-	notions) if -	vailables		
besome recorded data (stream gauge, monito	ning well, aer	iai priotos, prev	nous insp	ections), if a	vailable:		
Soil mapsand GIS photos.							
Con mapoand GIO photos.							
Remarks:					*		

SOIL							Sai	mpling Point: B-1
Profile Desc	cription: (Descri	be to th	e depth needed t	o docun	nent the	indicato	r or confirm the absence	e of indicators.)
Depth (Inches)	Matrix Color (moist)	%	Redox Feature Color (moist) % T			Loc**	Texture	Remarks
0-4	10YR2/1	99	7.5YR5/6	1	С	PL	Mucky Sand	
-24	5G6/1	100					Loamy sand	
	oncentration, Department			d Matrix	c, CS=C	overed o	r Coated Sand Grains	
	I Indicators:						Indicators for Prob	lematic Hydric Soils:
Hiss Blad Hyd Stra Dep Thid X Sar Sar Sar Sar 149		A4) 5) rk Suface (A12) ral (S1) rix (S4) (LRR R,	(S8) Thir (LR Loa Dep Red Dep Red MLRA	(LRR I) Dark S R R, MI my Muo R K, L) my Gley bleted M dox Dark bleted D dox Dep	yed Matrix (F3 k Surface ark Surface ressions	A 149B) (S9) PB ral (F1) rix (F2) (S) e (F6) race (F7) (F8)	Coast Prairie Re 5 cm Mucky Pea Dark Surface (S Polyvalue Below Thin Dark Surfa Iron-Manganese Piedmont Flood Mesic Spodic (T Red Parent Mat	v Surface (S8) (LRR K, L) ce (S9) (LRR K, L) e Masses (F12) (LRR K, L, R) plain Soils (F19) (MLRA 149B) TA6) (MLRA 144A, 145, 149B) erial (TF2) ark Surface (TF12) n Remarks)
Restrictive Type: Depth (inch	Layer (if observe	ed):					Hydric soil preser	nt?Y
Remarks:	***************************************		to a state of the			L.,		

Project/Site: Fairview Cranberry-Smart	Sand Site	_City/County:	Monroe		Sampling Date:	3/22/11		
Applicant/Owner: Fairview Cranberry Co	mpany, LLC.		State:	Wisconsin	Sampling Po	oint:	B-2	
Investigator(s): Gary W. Starzinski			Section	Township,	Range: Sec.8,T	17 N-R 1	E	
Landform (hillslope, terrace, etc.): Hillslope	pe	Lo	cal relief	(concave, c	convex, none):	Convex		
Slope (%): 3% Lat.:	Long.:		Dat	um:	V4 (8. -			
Soil Map Unit Name Tarr Sand				NWI C	assification: Upla	ind		
Are climatic/hydrologic conditions of the sit	te typical for this	time of the year	? Yes	(If no, e	explain in remarks	3)		
Are vegetation , soil , o	r hydrology	significantl	y disturbe	ed? No	Are "normal			
	r hydrology	naturally p	roblemati	c? No	circumstances"	present?	Yes	
(If needed, explain any answers in remarks						in a constitution		
SUMMARY OF FINDINGS								
Hydrophytic vegetation present?	N	is the sample	d area wi	ithin a watl	and?	N		
Hydric soil present?	-N	is the sample	u aica w	iuiii a weu		-		
	N	If was antional	watland	oito ID:				
Indicators of wetland hydrology present?		If yes, optional	welland	site iD.			_	
Remarks: (Explain alternative procedures I	here or in a sepa	rate report.)						
HADBOLOGA								
HYDROLOGY								
					dary Indicators (m	inimum c	of two	
Primary Indicators (minimum of one is requ		Contract of the contract of th		require				
Surface Water (A1)		ned Leaves (B9)			rface Soil Cracks ((C)(S)(S)(S)(V)		
High Water Table (A2)	Aquatic Fat	######################################			inage Patterns (B	10000000		
Saturation (A3)	Marl Depos				ss Trim Lines (B16			
Water Marks (B1)		Sulfide Odor (C1)		-	-Season Water Ta			
Sediment Deposits (B2)		hizospheres on L	iving		yfish Burrows (C8			
Drift Deposits (B3)	Roots (C3)		2.17		turation Visible on	Aerial Ima	agery	
Algal Mat or Crust (B4)		f Reduced Iron ((C9)				
Iron Deposits (B5)		Reduction in Til	led		inted or Stressed I)	
Inundation Visible on Aerial	Soils (C6)				omorphic Position	557		
Imagery (B7)		Surface (C7)		_	allow Aquitard (D3	500		
Sparsely Vegetated Concave	Other (Expl	ain in Remarks)			C-Neutral Test (D			
Surface (B8)				Mic	crotopographic Rel	ief (D4)		
Field Observations:								
Surface water present? Yes	No X	Depth (inches));		Indicators of			
Water table present? Yes	No X	Depth (inches)			wetland			
Saturation present? Yes	No X	Depth (inches)):	_	hydrology			
(includes capillary fringe)		- 8 30 0			present?	N		
					-			
Describe recorded data (stream gauge, mo	onitoring well, ae	rial photos, prev	vious insp	ections), if	available:			
0.1								
Soil mapsand GIS photos.								
Remarks:								
100000000000000000000000000000000000000								

SOIL							Sa	impling Point: B-2
Profile Des	cription: (Descri	ibe to th	e depth needed t	to docu	ment the	indicato	r or confirm the absenc	e of indicators.)
Depth (Inches)	Matrix Color (moist)	%		ox Feat		Loc**	Texture	Remarks
0-4	10YR3/2	100			1		Sand	
-24	7.5YR4/4	100					Sand	
							ST. WEIGHT SERVICE TO THE STANFOR	
			100000000000000000000000000000000000000					

		-			†			
*Type: C=C	Concentration, D	=Depleti	on, RM=Reduce	d Matri	x, CS=C	overed o	r Coated Sand Grains	I
	PL=Pore Lining							
Hydric Soi	I Indicators:						Indicators for Pro	blematic Hydric Soils:
His Bla Bla Hyd Str. De Thi San San Str. Da 149	of hydrophytic v	A4) 5) rk Suface (A12) ral (S1) ix (S4)) (LRR R,	— (S8 Thir — (LR Loa ce (A11) — (LR — Loa — Dep — Rec — Dep — Rec) (LRR n Dark (R R, M my Mu R K, L) my Gle bleted M dox Dar bleted C dox Dep	Surface LRA 149 cky Mine yed Mat Matrix (F3 k Surface Dark Surf	A 149B) (S9) 9B eral (F1) rix (F2) 3) e (F6) face (F7) 6 (F8)	Coast Prairie R 5 cm Mucky Pe Dark Surface (\$ Polyvalue Belov Thin Dark Surfa Iron-Manganes Piedmont Floox Mesic Spodic (* Red Parent Ma	w Surface (S8) (LRR K, L) ace (S9) (LRR K, L) e Masses (F12) (LRR K, L, R) dplain Soils (F19) (MLRA 149E TA6) (MLRA 144A, 145, 149B) terial (TF2) oark Surface (TF12) in Remarks)
Restrictive Type: Depth (inch	Layer (if observe	ea):			-		Hydric soil prese	nt?N
Remarks:								

Project/Site: Fairview Cranberry-Smart S	Sand Site	City/County:	Monroe		Sampling Date: 9/	22/11
Applicant/Owner: Fairview Cranberry Cor	mpany, LLC.		State:	Wisconsin	Sampling Poir	nt: B-3
Investigator(s): Gary W. Starzinski			Section,	Township,	Range: Sec.8,T 1	7 N-R 1 E
Landform (hillslope, terrace, etc.): Hillslop	e	Lo	cal relief (concave, co	onvex, none): C	onvex
Slope (%): 3% Lat.:	Long.:		Date	um:		SAME AND ADDRESS OF THE PARTY O
Soil Map Unit Name Ironrun Loamy Sand				NWI CI	assification: Uplan	d
Are climatic/hydrologic conditions of the site	e typical for this	time of the year	r? Yes	(If no, e	xplain in remarks)	
	r hydrology	significant		ed? No	Are "normal	
	r hydrology	naturally p	roblemati	c? No	circumstances" pi	resent? Yes
(If needed, explain any answers in remarks						
SUMMARY OF FINDINGS						
Hydrophytic vegetation present?	N	Is the sample	d area wi	thin a wetla	and?	١
Hydric soil present?	N	3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
Indicators of wetland hydrology present?	N	If yes, optiona	wetland	site ID:		
manage of transmit injuring process.		,,				
Remarks: (Explain alternative procedures h	nere or in a sepa	arate report.)		Year-14-11-11-11-11-11-11-11-11-11-11-11-11-		
• 17 April 18 April 19 Color 10 Color 10 Color 10 Color (1994) April 1994 (April 1994) April 1994	0.44					
		*	.,	TO ELECTRONICAL INC.		
HYDROLOGY						
				Second	ary Indicators (mi	nimum of two
Primary Indicators (minimum of one is requ	ired; check all t	hat apply)		required	t)	
Surface Water (A1)	Water-Stair	ned Leaves (B9)			face Soil Cracks (B	
High Water Table (A2)	Aquatic Far	una (B13)		Dra	inage Patterns (B1	0)
Saturation (A3)	Marl Depos	sits (B15)		Mos	ss Trim Lines (B16)	Ü.
Water Marks (B1)	Hydrogen S	Sulfide Odor (C1))	Dry	-Season Water Tab	ole (C2)
Sediment Deposits (B2)	Oxidized R	hizospheres on l	_iving		yfish Burrows (C8)	
Drift Deposits (B3)	Roots (C3)			Sati	uration Visible on A	erial Imagery
Algal Mat or Crust (B4)	Presence of	of Reduced Iron ((C4)	(C9)	
Iron Deposits (B5)	Recent Iron	Reduction in Ti	lled	Stu	nted or Stressed Pl	ants (D1)
Inundation Visible on Aerial	Soils (C6)			Geo	omorphic Position (D2)
Imagery (B7)	Thin Muck	Surface (C7)		Sha	Illow Aquitard (D3)	
Sparsely Vegetated Concave	Other (Expl	lain in Remarks)		FAC	C-Neutral Test (D5)	
Surface (B8)				Mic	rotopographic Relie	f (D4)
Field Observations:						
Surface water present? Yes	No X	_Depth (inches			Indicators of	
Water table present? Yes	No X	Depth (inches			wetland	
Saturation present? Yes	No X	Depth (inches):		hydrology	
(includes capillary fringe)					present? _	<u>N</u>
Describe recorded data (stream gauge, mo	onitoring well, as	erial photos, pre	vious insp	ections), if	available:	
Soil mapsand GIS photos.						
Remarks:						

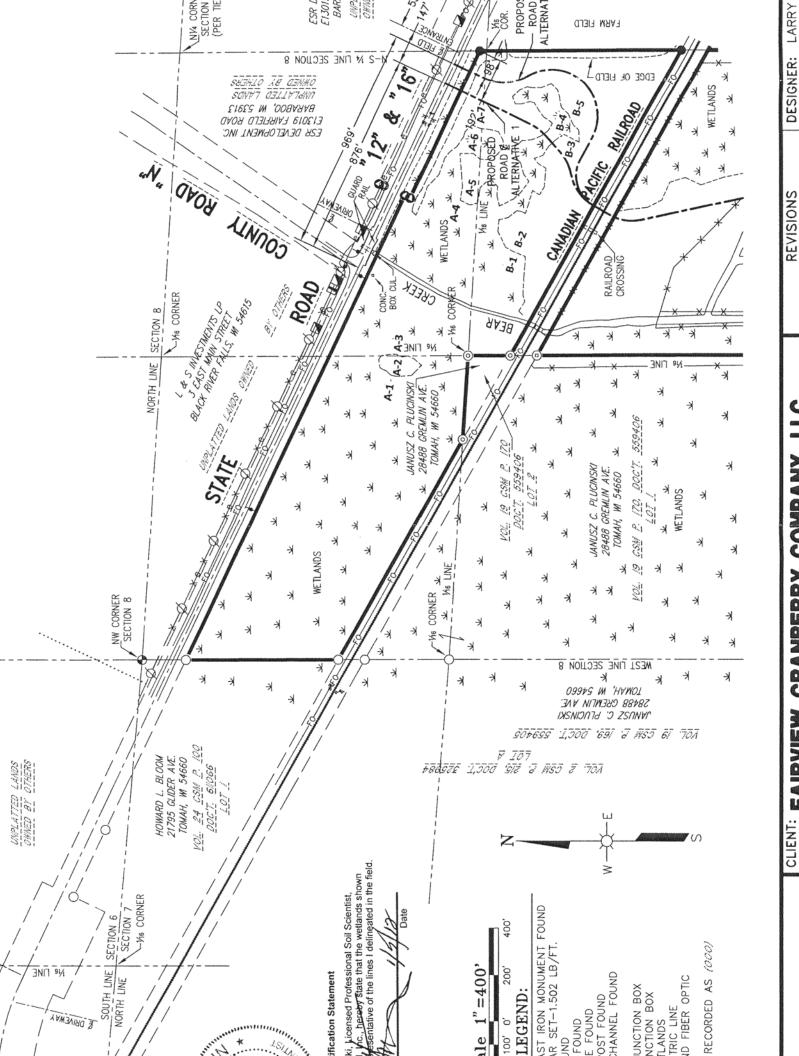
SOIL								Sampling Point:	B-3		
Profile Des	cription: (Descri	be to th	e depth needed	to docu	ment the	indicato	or or confirm the abse	ence of indicators.)			
Depth (Inches)	Matrix Color (moist)	%		lox Feat		Loc**	Texture	Remar	rks		
0-4	10YR2/2	100			T		Loamy Sand				
-24	10YR5/4	98	7.5YR5/8	2	С	М	Loamy Sand				
				-	-						
					1						
					1						
				25565-3115	1						
*Type: C=C	oncentration, D=	-Depleti	on, RM=Reduce	d Matri	x, CS=C	overed o	or Coated Sand Grain	ns			
	PL=Pore Lining,				4.1						
Hydric Soil	Indicators:						Indicators for P	Problematic Hydric S	ioils:		
Hist Black Hyde Stra Dep Thick San San San Strip Dar	Histisol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4) Stratified Layers (A5) Depleted Below Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Sandy Redox (S5) Dark Surface (S7) Depleted Dark Surface (F7) Stripped Matrix (S6) Dark Surface (S7) Depleted Dark Surface (F8) Depleted Dark Surf										
Restrictive I Type: Depth (inch	ayer (if observe	ed):			-		Hydric soil pre	sent? N			
Remarks:											

Project/Site: Fairview Cranberry-Smart Sand Site	City/County:	Monroe	5	Sampling Date:	9/22/11	
Applicant/Owner: Fairview Cranberry Company, LLC.		State: V	Visconsin	Sampling P	oint:	B-4
Investigator(s): Gary W. Starzinski		Section,	Township, F	Range: Sec.8,1	17 N-R	1 E
Landform (hillslope, terrace, etc.): Depression	Lo			nvex, none):	concave	9
Slope (%): 1% Lat.: Long.:		Datu				
Soil Map Unit Name Newson Mucky Sand				ssification: Har		Swamp
Are climatic/hydrologic conditions of the site typical for this				plain in remark	(S)	
Are vegetation, soil, or hydrology		ly disturbed		Are "normal		0 Vaa
Are vegetation , soil , or hydrology	naturally p	problemation	? NO C	circumstances"	present	? <u>Yes</u>
(If needed, explain any answers in remarks)						
SUMMARY OF FINDINGS						
Hydrophytic vegetation present? Y	Is the sample	ed area wit	hin a wetla	nd?	Υ	
Hydric soil present? Y						
Indicators of wetland hydrology present? Y	If yes, optiona	l wetland s	ite ID:			
Demodes (Eurlain alternative procedures have as in a sense	rote report \					
Remarks: (Explain alternative procedures here or in a sepa	rate report.)					
						
HYDROLOGY						
			Seconda	ry Indicators (minimum	of two
Primary Indicators (minimum of one is required; check all the	nat apply)		required)		
	ed Leaves (B9))	-	ace Soil Cracks		
X High Water Table (A2) Aquatic Fau				nage Patterns (I		
X Saturation (A3)Marl Depos				s Trim Lines (B		
	ulfide Odor (C1			Season Water T	STATE OF THE PARTY	2)
# 	izospheres on	Living		fish Burrows (C		
Drift Deposits (B3) X Roots (C3)		(O.1)		ration Visible or	n Aerial II	magery
	Reduced Iron		— (C9)		Diante /	24)
	Reduction in T	illed	-	ted or Stressed		(1ט
Inundation Visible on Aerial Soils (C6)			-	morphic Positio		
	Surface (C7)		and the second second	low Aquitard (D		4
	ain in Remarks))		-Neutral Test (D		
Surface (B8)			Micro	otopographic Re	ellet (D4)	
Field Observations:						
Surface water present? Yes No X	Depth (inches	s).		Indicators of		100
Water table present? Yes X No	Depth (inches		-	wetland		
Saturation present? Yes X No	Depth (inches		-	hydrology		
(includes capillary fringe)	_ Deptil (mones		-	present?	Υ	
(includes capillary liftige)				presenti		-
Describe recorded data (stream gauge, monitoring well, ae	rial photos, pre	evious insp	ections), if a	vailable:		
garge, many garge,			6.53			
Soil mapsand GIS photos.						
					-3-	
Remarks:						

SOIL							Sa	mpling Point: B-4		
Profile Desc	cription: (Descri	be to the	e depth needed t	o docu	ment the	indicato	or or confirm the absence	e of indicators.)		
Depth	Matrix			ox Feat				706		
(Inches)	Color (moist)	%	Color (moist) % Type* L			Loc**	Texture	Remarks		
0-6	10YR2/1	99	7.5YR5/6	1	С	PL	Mucky Sand			
-24	5G5/1	100					Loamy sand			
		7505122								
		-								
					-					
*Type: C=C	oncentration D	-Denleti	on RM=Reduce	d Matri	v CS=C	overed o	or Coated Sand Grains			
	PL=Pore Lining,			u iviati i	x, 00-0	Overed C	o Coaled Gaild Grains			
Communication and the		111					Indicators for Prol	olematic Hydric Soils:		
Hydric Soil Indicators: Histisol (A1) Histisol (A2) Histisol (A3) Histisol (A3) Hydrogen Sulfide (A4) Stratified Layers (A5) Depleted Below Dark Suface (A12) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Sandy Redox (S5) Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) Stripped Matrix (S6) Dark Surface (S7) Depleted Dark Surface (F7) Stripped Matrix (S6) Dark Surface (S7) (LRR R, MLRA 149B) *Indicators for Problematic Hydric Soils: Indicators for Problematic Hydric Soils: 2 cm Muck (A10) (LRR K, L, MLRA 149B) Coast Prairie Redox (A16) (LRR K, L, R) Coast Prairie Redox (A16) (LRR K, L, R) Dark Surface (F3) (LRR K, L, R) Dark Surface (F3) (LRR K, L, R) Dark Surface (S7) (LRR K, L) Thick Dark Surface (A12) Loamy Gleyed Matrix (F2) Iron-Manganese Masses (F12) (LRR K, L, R) Piedmont Floodplain Soils (F19) (MLRA 149B) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) 149B) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Other (Explain in Remarks) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) Mesic Spodic (TA6) (MLRA 144A										
Remarks:										

Project/Site: Fairview Cranberry-Sn	nart Sand Site	City/County:	Monroe		Sampling Date: 9/22/	11
Applicant/Owner: Fairview Cranberry	y Company, LLC.		State:	Wisconsin	Sampling Point:	B-5
Investigator(s): Gary W. Starzinski			Section	, Township,	Range: Sec.8,T 17 N	-R 1 E
Landform (hillslope, terrace, etc.): Hi	llslope	Lo			onvex, none): Conv	
Slope (%): 3% Lat.:	Long.	:	Dat	um:	50	
Soil Map Unit Name Tarr Sand				NWI CI	assification: Upland	
Are climatic/hydrologic conditions of th	e site typical for this	s time of the year	r? Yes	(If no, e	xplain in remarks)	
	, or hydrology	significant			Are "normal	
Are vegetation , soil	, or hydrology	naturally p			circumstances" prese	ent? Yes
(If needed, explain any answers in rem						
SUMMARY OF FINDINGS						
Hydrophytic vegetation present?	_ N	is the sample	ed area w	ithin a wetla	and? N	_
Hydric soil present?	N				6.7.T.	
Indicators of wetland hydrology preser	nt? N	If yes, optiona	i wetland	site ID:		
r = 1						
Remarks: (Explain alternative procedu	res here or in a sep	arate report.)	-2	770m0000000		
HYDROLOGY						
					ary Indicators (minim	um of two
Primary Indicators (minimum of one is				require		
Surface Water (A1)		ined Leaves (B9)	1		face Soil Cracks (B6)	
High Water Table (A2)		auna (B13)		_	inage Patterns (B10)	
Saturation (A3)		sits (B15)			ss Trim Lines (B16)	
Water Marks (B1)	Hydrogen	Sulfide Odor (C1)	Dry	-Season Water Table	C2)
Sediment Deposits (B2)		Rhizospheres on	Living		yfish Burrows (C8)	
Drift Deposits (B3)	Roots (C3	5)		Sat	uration Visible on Aeria	ıl Imagery
Algal Mat or Crust (B4)	Presence	of Reduced Iron	(C4)	(C9)	
Iron Deposits (B5)	Recent Iro	on Reduction in T	illed		nted or Stressed Plant	
Inundation Visible on Aerial	Soils (C6)			Ged	omorphic Position (D2)	
Imagery (B7)	Thin Muck	Surface (C7)		Sha	Illow Aquitard (D3)	
Sparsely Vegetated Concave	Other (Ex	plain in Remarks)	1	FAC	C-Neutral Test (D5)	
Surface (B8)				Mic	rotopographic Relief ([)4)
0. 14						
Field Observations:	NAM SAW		5343			
Surface water present? Yes	NoX	Depth (inches			Indicators of	
Water table present? Yes	No X	Depth (inches			wetland	
Saturation present? Yes	No X	Depth (inches	s):		hydrology	
(includes capillary fringe)					present? N	
				1 16		
Describe recorded data (stream gauge	a, monitoring well, a	ieriai pnotos, pre	evious insp	pections), if	available:	
C-il						
Soil mapsand GIS photos.						
Pomarka:		K				
Remarks:						

Matrix Color (moist) 10YR3/2 7.5YR4/4	% 100 100 = Depleti M=Mat	Redo Color (moist) fon, RM=Reduce rix Poly (S8) Thir	ox Feature % d Matrix yvalue E) (LRR I n Dark S	Type* (, CS=Co	Loc** overed ourface A 149B)	Texture Sand Sand Sand Or Coated Sand Grains Indicators for Problematic 2 cm Muck (A10) (LRR Coast Prairie Redox (A 5 cm Mucky Peat or Pe	c Hydric Soils: K, L, MLRA 149B 16) (LRR K, L, R)
Matrix Color (moist) 10YR3/2 7.5YR4/4 ncentration, D= =Pore Lining, ndicators: ol (A1) Epipedon (A2 Histic (A3) ogen Sulfide (A	% 100 100 = Depleti M=Mat	Redo Color (moist) fon, RM=Reduce rix Poly (S8) Thir	ox Feature % d Matrix yvalue E) (LRR I n Dark S	Type* (, CS=Co	Loc** overed ourface A 149B)	Texture Sand Sand Sand Or Coated Sand Grains Indicators for Problematic 2 cm Muck (A10) (LRR Coast Prairie Redox (A	c Hydric Soils: K, L, MLRA 149B 16) (LRR K, L, R)
ncentration, D= =Pore Lining, ndicators: ol (A1) Epipedon (A2 Histic (A3) ogen Sulfide (A	=Depleti M=Mat	ion, RM=Reducerix Poly (S8) Thir	yvalue E) (LRR I	c, CS=Co	overed o	Sand Sand Sand Or Coated Sand Grains Indicators for Problematic 2 cm Muck (A10) (LRR Coast Prairie Redox (A	c Hydric Soils: K, L, MLRA 149B 16) (LRR K, L, R)
7.5YR4/4 ncentration, D= =Pore Lining, ndicators: ol (A1) Epipedon (A2 Histic (A3) ogen Sulfide (A	=Depleti M=Mat	Poly (S8) Thir	yvalue B) (LRR I n Dark S	Below St	urface A 149B)	or Coated Sand Grains Indicators for Problematic 2 cm Muck (A10) (LRR Coast Prairie Redox (A	K, L, MLRA 149B 16) (LRR K, L, R)
ncentration, D= _=Pore Lining, ndicators: ol (A1) Epipedon (A2 Histic (A3) ogen Sulfide (A	=Depleti M=Mat	Poly (S8) Thir	yvalue B) (LRR I n Dark S	Below St	urface A 149B)	Indicators for Problematic 2 cm Muck (A10) (LRR Coast Prairie Redox (A	K, L, MLRA 149B 16) (LRR K, L, R)
L=Pore Lining, ndicators: ol (A1) Epipedon (A2 Histic (A3) ogen Sulfide (A	M=Mat	Poly (S8) Thir	yvalue B) (LRR I n Dark S	Below St	urface A 149B)	Indicators for Problematic 2 cm Muck (A10) (LRR Coast Prairie Redox (A	K, L, MLRA 149B 16) (LRR K, L, R)
L=Pore Lining, ndicators: ol (A1) Epipedon (A2 Histic (A3) ogen Sulfide (A	M=Mat	Poly (S8) Thir	yvalue B) (LRR I n Dark S	Below St	urface A 149B)	Indicators for Problematic 2 cm Muck (A10) (LRR Coast Prairie Redox (A	K, L, MLRA 149B 16) (LRR K, L, R)
L=Pore Lining, ndicators: ol (A1) Epipedon (A2 Histic (A3) ogen Sulfide (A	M=Mat	Poly (S8) Thir	yvalue B) (LRR I n Dark S	Below St	urface A 149B)	Indicators for Problematic 2 cm Muck (A10) (LRR Coast Prairie Redox (A	K, L, MLRA 149B 16) (LRR K, L, R)
L=Pore Lining, ndicators: ol (A1) Epipedon (A2 Histic (A3) ogen Sulfide (A	M=Mat	Poly (S8) Thir	yvalue B) (LRR I n Dark S	Below St	urface A 149B)	Indicators for Problematic 2 cm Muck (A10) (LRR Coast Prairie Redox (A	K, L, MLRA 149B 16) (LRR K, L, R)
L=Pore Lining, ndicators: ol (A1) Epipedon (A2 Histic (A3) ogen Sulfide (A	M=Mat	Poly (S8) Thir	yvalue B) (LRR I n Dark S	Below St	urface A 149B)	Indicators for Problematic 2 cm Muck (A10) (LRR Coast Prairie Redox (A	K, L, MLRA 149B 16) (LRR K, L, R)
L=Pore Lining, ndicators: ol (A1) Epipedon (A2 Histic (A3) ogen Sulfide (A	M=Mat	Poly (S8) Thir	yvalue B) (LRR I n Dark S	Below St	urface A 149B)	Indicators for Problematic 2 cm Muck (A10) (LRR Coast Prairie Redox (A	K, L, MLRA 149B 16) (LRR K, L, R)
L=Pore Lining, ndicators: ol (A1) Epipedon (A2 Histic (A3) ogen Sulfide (A	M=Mat	Poly (S8) Thir	yvalue B) (LRR I n Dark S	Below St	urface A 149B)	Indicators for Problematic 2 cm Muck (A10) (LRR Coast Prairie Redox (A	K, L, MLRA 149B 16) (LRR K, L, R)
L=Pore Lining, ndicators: ol (A1) Epipedon (A2 Histic (A3) ogen Sulfide (A	M=Mat	Poly (S8) Thir	yvalue B) (LRR I n Dark S	Below St	urface A 149B)	Indicators for Problematic 2 cm Muck (A10) (LRR Coast Prairie Redox (A	K, L, MLRA 149B 16) (LRR K, L, R)
L=Pore Lining, ndicators: ol (A1) Epipedon (A2 Histic (A3) ogen Sulfide (A	M=Mat	Poly (S8) Thir	yvalue B) (LRR I n Dark S	Below St	urface A 149B)	Indicators for Problematic 2 cm Muck (A10) (LRR Coast Prairie Redox (A	K, L, MLRA 149B 16) (LRR K, L, R)
L=Pore Lining, ndicators: ol (A1) Epipedon (A2 Histic (A3) ogen Sulfide (A	M=Mat	Poly (S8) Thir	yvalue B) (LRR I n Dark S	Below St	urface A 149B)	Indicators for Problematic 2 cm Muck (A10) (LRR Coast Prairie Redox (A	K, L, MLRA 149B 16) (LRR K, L, R)
L=Pore Lining, ndicators: ol (A1) Epipedon (A2 Histic (A3) ogen Sulfide (A	M=Mat	Poly (S8) Thir	yvalue B) (LRR I n Dark S	Below St	urface A 149B)	Indicators for Problematic 2 cm Muck (A10) (LRR Coast Prairie Redox (A	K, L, MLRA 149B 16) (LRR K, L, R)
L=Pore Lining, ndicators: ol (A1) Epipedon (A2 Histic (A3) ogen Sulfide (A	M=Mat	Poly (S8) Thir	yvalue B) (LRR I n Dark S	Below St	urface A 149B)	Indicators for Problematic 2 cm Muck (A10) (LRR Coast Prairie Redox (A	K, L, MLRA 149B 16) (LRR K, L, R)
ol (A1) Epipedon (A2 Histic (A3) ogen Sulfide (A	2)	Poly (S8) Thir) (LRR I n Dark S	R, MLR	A 149B)	2 cm Muck (A10) (LRR Coast Prairie Redox (A	K, L, MLRA 149B 16) (LRR K, L, R)
Epipedon (A2 Histic (A3) ogen Sulfide (A		(\$8) Thir) (LRR I n Dark S	R, MLR	A 149B)	Coast Prairie Redox (A	16) (LRR K, L, R)
y Gleyed Matri y Redox (S5) ped Matrix (S6) Surface (S7) (rk Sufac (A12) ral (S1) ix (S4) (LRR R,	Loa ce (A11) (LR Loa Dep Red Dep Red MLRA	imy Muc R K, L) imy Gley bleted M dox Dark bleted D dox Dep	yed Matrix (F3 k Surfact ark Surf ressions	rix (F2) 3) e (F6) face (F7) s (F8)	Dark Surface (S7) (LRF Polyvalue Below Surface Thin Dark Surface (S9) Iron-Manganese Masse Piedmont Floodplain So Mesic Spodic (TA6) (M Red Parent Material (Ti Very Shallow Dark Surf Other (Explain in Rema	R K, L ce (S8) (LRR K, L) (LRR K, L) es (F12) (LRR K, L, R) cils (F19) (MLRA 149B) LRA 144A, 145, 149B) F2) face (TF12) arks)
yer (if observe	ed):	47 121		-		Hydric soil present?	N
y y × S) +	Mucky Mine Gleyed Matr Redox (S5) ed Matrix (S6 Surface (S7) (mydrophytic v	Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) ed Matrix (S6) Surface (S7) (LRR R, hydrophytic vegetation er (if observed):	Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) Ed Matrix (S6) Surface (S7) (LRR R, MLRA mydrophytic vegetation and weltand hydrogen (if observed):	Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) Ed Matrix (S6) Burface (S7) (LRR R, MLRA Depleted M Redox Depleted D Redox Depleted M Redox Depleted M Redox Depleted M Redox Dark	Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) Ad Matrix (S6) Burface (S7) (LRR R, MLRA Depleted Matrix (F3 Depleted Dark Surface Redox Depressions	Mucky Mineral (S1) Gleyed Matrix (S4) Redox (S5) Ed Matrix (S6) Surface (S7) (LRR R, MLRA Depleted Matrix (F3) Redox Dark Surface (F6) Depleted Dark Surface (F7) Redox Depressions (F8) Provided Matrix (S4) Redox Depressions (F8) Redox Depressions (F8) Redox Depressions (F8)	Mucky Mineral (S1) Gleyed Matrix (S4) Redox Dark Surface (F6) Mesic Spodic (TA6) (Mesic Spodic (TA6) (M



CLIENT: FAIRVIEW CRANBERRY COMPANY, LLC

DESIGNER: LARRY DRAWN BY: PAT P DESCRIPTION

DATE

FAIRVIEW CHANBARRY CO., LLC



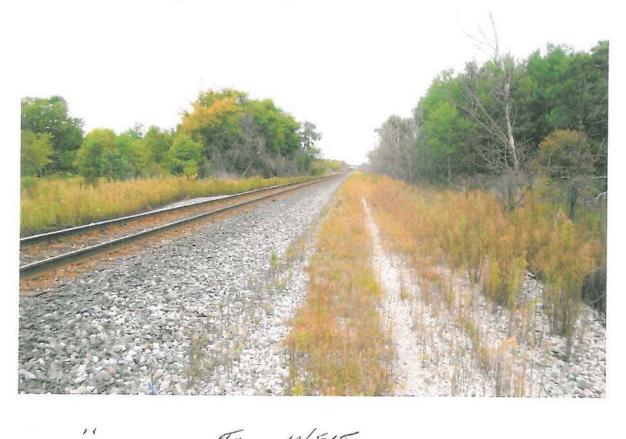
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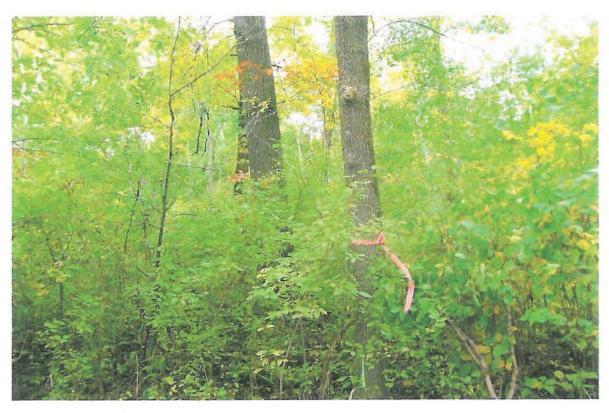
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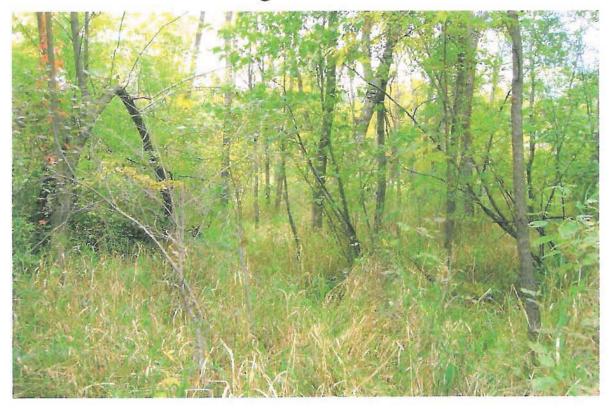
8-3



RR DITCH SOUTH OF B-3



B4 10 B-3



B3 TO B4



CAUPLIDAD AhONG KAST PL



FEAST PLL TO SOUTH



EAST PLL SOUTH TO PAILBOAD



"CHOO-CHOO" TRAIN

Figure A9 - Wetland Study Report



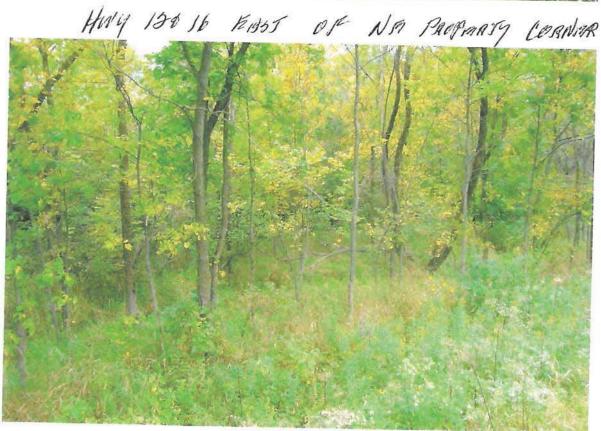
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NF "
TO WISST ASWARD

Figure ASF- Westland Study Report





HARDWOOD SWAMP ASANG HAY 13416
AT PAPPOS FIRMO A9 - Westpald Study Report



HWY 12916 ROAD SHOWHORR



Co. Awy N To NW
Figure A9 - Wetland Study Report



BEAR CREEK SOUTH OF HWY 12416



ACCRIS POINS OFF HWY 12416 TO A-3

Figure A9 - Wetland Study Report



HWY N TO NEATH HWY 1216



HWY 12016 EAST OVER BEAR CREEK



A-4

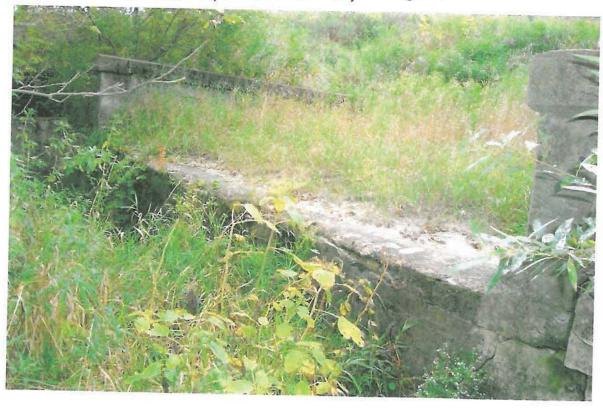


B-1 TO WISST

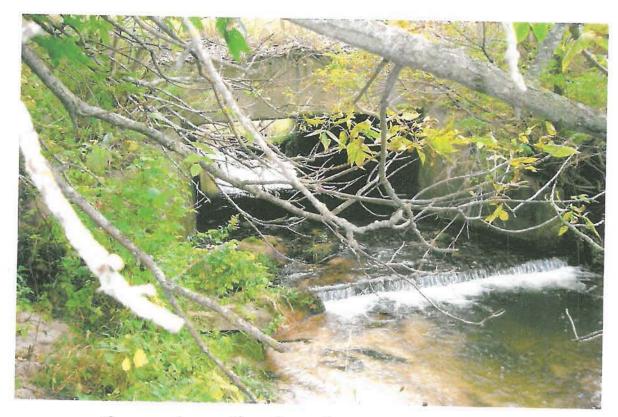
Figure A9 - Wetland Study Report



BEAR CRANK WAST OF B-1



Oho BRIDGE XING BMAR CAMPIK - NORTH OF RR



BHAR CAMPAL BRIDGE AT RR



RAIL ROND



BR TO WAST & SONTH OF A-1



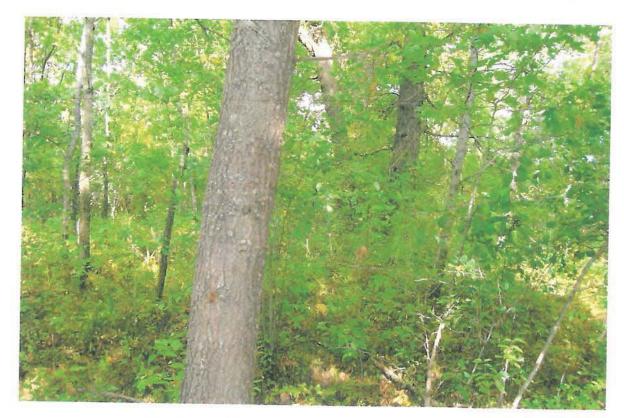
BHAR CREAK SOUTH OF BR



RR TO EAST & SOUTH OF B-2



B-2



B-2 10 B-3



B-5 TO B-4, PAICHLY ASH

Figure A9 - Wetland Study Report



"BUCK STAND" NEBR SE PROPARTY CORNER



WAShAND Aherth pluy 12416



A-\$ 10 WAST



A 7 10 South

Figure A9 - Wetland Study Report



A-2 TO NE



A-2



AT PAUP CORN. SONTH OF A-3 TO WAST



TO KAST & BAMA CRAMK

Figure A9 - Wetland Study Report

11



"TEXAS TOWER" ALNOW BEAR CARREL



AT AR GRADE TO EAST TO BRANK CARENK

Elements by Townrange for Monroe County

The Natural Heritage Inventory (NHI) database contains recent and historic element (rare species and natural community) observations. A generalized version of the NHI database is provided below as a general reference and should not be used as a substitute for a WI Dept of Natural Resources NHI review of a specific project area. The NHI database is dynamic, records are continually being added and/or updated. The following data are current as of 11/04/2011:

Town Range						
Scientific Name	Common Name	State Status	Federal Status	State Rank	Global Rank	Group Name
Platanthera hookeri	Hooker's Orchid	SC		S2	G4	Plant
015N001E						
Aconitum noveboracense	Northern Wild Monkshood	THR	LT	S2	G3	Plant
Glyptemys insculpta	Wood Turtle	THR		S2	G4	Turtle~
015N001W						
Dry cliff	Dry Cliff	NA		S4	G4G5	Community
Empidonax virescens	Acadian Flycatcher	THR		S3B	G5	Bird
Emydoidea blandingii	Blanding's Turtle	THR		S3S4	G4	Turtle~
Haliaeetus leucocephalus	Bald Eagle	SC/P		S4B,S4N	G5	Bird~
Hemlock relict	Hemlock Relict	NA		S2	G2Q	Community
Liodessus cantralli	Cantrall's Bog Beetle	SC/N		S2S3	GNR	Beetle~
Moist cliff	Moist Cliff	NA		S4	GNR	Community
Silene nivea	Snowy Campion	THR		S2	G4?	Plant
Southern mesic forest	Southern Mesic Forest	NA		S3	G3?	Community
015N002W						
Adoxa moschatellina	Musk-root	THR		S2	G5	Plant
Diarrhena obovata	Beak Grass	END		S2	G4G5	Plant
Dry cliff	Dry Cliff	NA		S4	G4G5	Community
Empidonax virescens	Acadian Flycatcher	THR		S3B	G5	Bird
Hemlock relict	Hemlock Relict	NA		S2	G2Q	Community
Houstonia caerulea	Azure Bluets	SC		S2	G5	Plant
Moist cliff	Moist Cliff	NA		S4	GNR	Community
Northern mesic forest	Northern Mesic Forest	NA		S4	G4	Community
Pine relict	Pine Relict	NA		S2	G4	Community
Southern mesic forest	Southern Mesic Forest	NA		\$3	G3?	Community
015N003W						
Silene nivea	Snowy Campion	THR		S2	G4?	Plant
015N004W						
Allogona profunda	Broad-banded Forestsnail	SC/N		S2S3	G5	Snail
Arabis shortii	Short's Rock-cress	SC		S1S2	G5	Plant
Bartramia longicauda	Upland Sandpiper	SC/M		S2B	G5	Bird
Carex careyana	Carey's Sedge	THR		S 1	G4G5	Plant
Dendroica cerulea	Cerulean Warbler	THR		S2S3B	G4	Bird
Diplazium pycnocarpon	Glade Fern	SC		S2	G5	Plant
Dry cliff	Dry Cliff	NA		S4	G4G5	Community
Empidonax virescens	Acadian Flycatcher	THR		S3B	G5	Bird
Hendersonia occulta	Cherrystone Drop	THR		S2S3	G4	Snail
Hydrophyllum appendiculatum	Great Water-leaf	SC		S2S3	G5	Plant
Jeffersonia diphylla	Twinleaf	SC		\$3	G5	Plant
Lithobates palustris	Pickerel Frog	SC/H		S3?	G5	Frog~
Oporornis formosus	Kentucky Warbler	THR		S1S2?B	G5	Bird

Town Range						
Scientific Name	Common Name	State Status	Federal Status	State Rank	Global Rank	Group Name
Poa sylvestris	Woodland Bluegrass	SC		S 1	G5	Plant
Southern dry-mesic forest	Southern Dry-mesic Forest	NA		\$3	G4	Community
Southern mesic forest	Southern Mesic Forest	NA		\$3	G3?	Community
016N001E						
Moist cliff	Moist Cliff	NA		S4	GNR	Community
Pine relict	Pine Relict	NA		S2	G4	Community
Streamfast, hard, cold	StreamFast, Hard, Cold	NA		S4	GNR	Community~
016N001W						
Glyptemys insculpta	Wood Turtle	THR		S2	G4	Turtle~
Liodessus cantralli	Cantrall's Bog Beetle	SC/N		S2S3	GNR	Beetle~
016N002W						
Alder thicket	Alder Thicket	NA		S 4	G4	Community~
Ammodramus henslowii	Henslow's Sparrow	THR		S2S3B	G4	Bird
Bat Hibernaculum	Bat Hibernaculum	SC		\$3	GNR	Other
Dendroica cerulea	Cerulean Warbler	THR		S2S3B	G4	Bird
Empidonax virescens	Acadian Flycatcher	THR		S3B	G5	Bird
Emydoidea blandingii	Blanding's Turtle	THR		S3S4	G4	Turtle~
Forested seep	Forested Seep	NA		S2	GNR	Community~
Glyptemys insculpta	Wood Turtle	THR		S2	G4	Turtle~
Herp Hibernaculum	Herp Hibernaculum	SC		SU	GNR	Other
Myotis septentrionalis	Northern Long-eared Bat	THR		S1S3	G4	Mammal
Southern dry-mesic forest	Southern Dry-mesic Forest	NA		S 3	G4	Community
Southern sedge meadow	Southern Sedge Meadow	NA		S 3	G4?	Community~
016N003W						
Bat Hibernaculum	Bat Hibernaculum	SC		S 3	GNR	Other
Crotalus horridus	Timber Rattlesnake	SC/P		S2S3	G4	Snake
Dry prairie	Dry Prairie	NA		S 3	G3	Community
Enallagma traviatum	Slender Bluet	SC/N		S1S3	G5	Dragonfly~
Myotis septentrionalis	Northern Long-eared Bat	THR		S1S3	G4	Mammal
Polytaenia nuttallii	Prairie Parsley	THR		S2	G5	Plant
Southern dry forest	Southern Dry Forest	NA		S 3	G4	Community
016N004W						
Crotalus horridus	Timber Rattlesnake	SC/P		S2S3	G4	Snake
Haliaeetus leucocephalus	Bald Eagle	SC/P		S4B,S4N	G5	Bird~
016N005W						
Dry-mesic prairie	Dry-mesic Prairie	NA		S2	G3	Community
Nothocalais cuspidata	Prairie False-dandelion	SC		S2	G5	Plant
Sand barrens	Sand Barrens	NA		SU	GNR	Community
Southern sedge meadow	Southern Sedge Meadow	NA		S 3	G4?	Community~
017N001E						
Dry cliff	Dry Cliff	NA		S 4	G4G5	Community
Dry-mesic prairie	Dry-mesic Prairie	NA		S2	G3	Community
Eleocharis engelmannii	Engelmann's Spike-rush	SC		S 1	G4G5Q	Plant~
Floodplain forest	Floodplain Forest	NA		S 3	G3?	Community~
Lycaeides melissa samuelis	Karner Blue	SC/FL	LE	\$3	G5T2	Butterfly
Moist cliff	Moist Cliff	NA		S4	GNR	Community
Northern dry forest	Northern Dry Forest	NA		\$3	G3?	Community

Town Range						
Scientific Name	Common Name	State	Federal	State	Global	Group
North our drawns in Count	North on Brown in Franch	Status	Status	Rank	Rank	Name
Northern dry-mesic forest	Northern Dry-mesic Forest	NA SC		S3	G4	Community
Phemeranthus rugospermus	Prairie Fame-flower	SC		S3	G3G4	Plant
Southern dry-mesic forest	Southern Dry-mesic Forest	NA		S 3	G4	Community
017N001W				626.4		
Emydoidea blandingii	Blanding's Turtle	THR		S3S4	G4	Turtle~
Glyptemys insculpta	Wood Turtle	THR		S2	G4	Turtle~
Southern dry-mesic forest	Southern Dry-mesic Forest	NA		S 3	G4	Community
017N002E						
Dry-mesic prairie	Dry-mesic Prairie	NA		S2	G3	Community
017N002W						
Aflexia rubranura	Red-tailed Prairie Leafhopper	END		S2?	G2	Leafhopper
Alder thicket	Alder Thicket	NA		S4	G4	Community~
Artemisia dracunculus	Dragon Wormwood	SC		S2	G5	Plant
Canis lupus	Gray Wolf	SC/FL	LE	S4	G4	Mammal
Carex laevivaginata	Smooth-sheath Sedge	END		S 1	G5	Plant~
Chlosyne gorgone	Gorgone Checker Spot	SC/N		S3	G5	Butterfly
Cicindela lepida	Little White Tiger Beetle	SC/N		S 1	G3G4	Beetle
Erynnis persius	Persius Dusky Wing	SC/N		S3	G5	Butterfly
Gentiana alba	Yellow Gentian	THR		S4	G4	Plant
Lycaeides melissa samuelis	Karner Blue	SC/FL	LE	S3	G5T2	Butterfly
Northern wet-mesic forest	Northern Wet-mesic Forest	NA		S3S4	G3?	Community~
Opuntia fragilis	Brittle Prickly-pear	THR		\$3	G4G5	Plant
Phemeranthus rugospermus	Prairie Fame-flower	SC		S3	G3G4	Plant
Pituophis catenifer	Gophersnake	SC/P		S2S3	G5	Snake
Poa paludigena	Bog Bluegrass	THR		S3	G3	Plant~
Polyamia dilata	Prairie Leafhopper	THR		S2	GNR	Leafhopper
Polytaenia nuttallii	Prairie Parsley	THR		S2	G5	Plant
Prenanthes aspera	Rough Rattlesnake-root	END		S 1	G4?	Plant
Schinia indiana	Phlox Moth	END		S2S3	G2G4	Moth
Springs and spring runs, hard	Springs and Spring Runs, Hard	NA		S4	GNR	Community~
Streamfast, hard, cold	StreamFast, Hard, Cold	NA		S4	GNR	Community~
017N003W						
Aflexia rubranura	Red-tailed Prairie Leafhopper	END		S2?	G2	Leafhopper
Alder thicket	Alder Thicket	NA		S4	G4	Community~
Canis lupus	Gray Wolf	SC/FL	LE	S4	G4	Mammal
Carex straminea	Straw Sedge	SC		S1	G5	Plant~
Chlosyne gorgone	Gorgone Checker Spot	SC/N		S3	G5	Butterfly
Emydoidea blandingii	Blanding's Turtle	THR		S3S4	G4	Turtle~
Erynnis persius	Persius Dusky Wing	SC/N		S 3	G5	Butterfly
Glyptemys insculpta	Wood Turtle	THR		S2	G4	Turtle~
Hesperia ottoe	Ottoe Skipper	SC/N		S 1	G3G4	Butterfly
Lycaeides melissa samuelis	Karner Blue	SC/FL	LE	S 3	G5T2	Butterfly
Lythrurus umbratilis	Redfin Shiner	THR		S2	G5	Fish~
Microtus ochrogaster	Prairie Vole	SC/N		S2	G5	Mammal
Northern wet-mesic forest	Northern Wet-mesic Forest	NA		S3S4	G3?	Community~
Oak barrens	Oak Barrens	NA		S2	G2?	Community
Ophisaurus attenuatus	Slender Glass Lizard	END		S 1	G5	Lizard
Opuntia fragilis	Brittle Prickly-pear	THR		S 3	G4G5	Plant
	, ,				-	

Town Range						
Scientific Name	Common Name	State Status	Federal Status	State Rank	Global Rank	Group Name
Paraphlepsius maculosus	A Leafhopper	SC/N		S 1	GNR	Leafhopper
Phemeranthus rugospermus	Prairie Fame-flower	SC		\$3	G3G4	Plant
Pituophis catenifer	Gophersnake	SC/P		S2S3	G5	Snake
Polytaenia nuttallii	Prairie Parsley	THR		S2	G5	Plant
Schinia indiana	Phlox Moth	END		S2S3	G2G4	Moth
Southern sedge meadow	Southern Sedge Meadow	NA		\$3	G4?	Community~
Springs and spring runs, hard	Springs and Spring Runs, Hard	NA		S4	GNR	Community~
White pine-red maple swamp	White Pine-Red Maple Swamp	NA		S2	G3G4	Community~
017N004W						
Calylophus serrulatus	Yellow Evening Primrose	SC		S2	G5	Plant
Dry-mesic prairie	Dry-mesic Prairie	NA		S2	G3	Community
Glyptemys insculpta	Wood Turtle	THR		S2	G4	Turtle~
Nothocalais cuspidata	Prairie False-dandelion	SC		S2	G5	Plant
Phemeranthus rugospermus	Prairie Fame-flower	SC		S 3	G3G4	Plant
Pituophis catenifer	Gophersnake	SC/P		S2S3	G5	Snake
Polytaenia nuttallii	Prairie Parsley	THR		S2	G5	Plant
Sand barrens	Sand Barrens	NA		SU	GNR	Community
Southern sedge meadow	Southern Sedge Meadow	NA		S3	G4?	Community~
017N005W						
Dry-mesic prairie	Dry-mesic Prairie	NA		S2	G3	Community
Nothocalais cuspidata	Prairie False-dandelion	SC		S2	G5	Plant
Pituophis catenifer	Gophersnake	SC/P		S2S3	G5	Snake
Sand barrens	Sand Barrens	NA		SU	GNR	Community
Southern sedge meadow	Southern Sedge Meadow	NA		S 3	G4?	Community~
017N008W						
Ammocrypta clara	Western Sand Darter	SC/N		\$3	G3	Fish~
018N001E						
Aphredoderus sayanus	Pirate Perch	SC/N		\$3	G5	Fish~
Artemisia frigida	Prairie Sagebrush	SC		S2	G5	Plant
Carex straminea	Straw Sedge	SC		S 1	G5	Plant~
Didiplis diandra	Water-purslane	SC		S 1	G5	Plant~
Emydoidea blandingii	Blanding's Turtle	THR		S3S4	G4	Turtle~
Glyptemys insculpta	Wood Turtle	THR		S2	G4	Turtle~
Liodessus cantralli	Cantrall's Bog Beetle	SC/N		S2S3	GNR	Beetle~
018N001W	-					
Aphredoderus sayanus	Pirate Perch	SC/N		S 3	G5	Fish~
Ardea alba	Great Egret	THR		S2B	G5	Bird~
Bird Rookery	Bird Rookery	SC		SU	G5	Other~
Chlidonias niger	Black Tern	SC/M		S2B	G4	Bird~
Emydoidea blandingii	Blanding's Turtle	THR		S3S4	G4	Turtle~
Lanius ludovicianus	Loggerhead Shrike	END		S1B	G4	Bird
Rallus elegans	King Rail	SC/M		S1B	G4	Bird~
018N002E	-					
Aphredoderus sayanus	Pirate Perch	SC/N		S 3	G5	Fish~
018N002W						
Aflexia rubranura	Red-tailed Prairie Leafhopper	END		S2?	G2	Leafhopper
Asclepias ovalifolia	Dwarf Milkweed	THR		S3	G5?	Plant
Asciepius ovacijona	DWall MilkWeed	HIIX		<i>))</i>	us:	rtant

Town Range						
Scientific Name	Common Name	State Status	Federal Status	State Rank	Global Rank	Group Name
Canis lupus	Gray Wolf	SC/FL	LE	S4	G4	Mammal
Catocala abbreviatella	Abbreviated Underwing Moth	SC/N		S3	G4	Moth
Chondestes grammacus	Lark Sparrow	SC/M		S3B	G5	Bird
Emydoidea blandingii	Blanding's Turtle	THR		S3S4	G4	Turtle~
Gentiana alba	Yellow Gentian	THR		S4	G4	Plant
Glyptemys insculpta	Wood Turtle	THR		S2	G4	Turtle~
Grammia phyllira	Phyllira Tiger Moth	SC/N		S2	G4	Moth
Lycaeides melissa samuelis	Karner Blue	SC/FL	LE	S3	G5T2	Butterfly
Microtus ochrogaster	Prairie Vole	SC/N		S2	G5	Mammal
Opuntia fragilis	Brittle Prickly-pear	THR		S 3	G4G5	Plant
Pine barrens	Pine Barrens	NA		S2	G2	Community
Pituophis catenifer	Gophersnake	SC/P		S2S3	G5	Snake
Poa paludigena	Bog Bluegrass	THR		S 3	G3	Plant~
Polytaenia nuttallii	Prairie Parsley	THR		S2	G5	Plant
Prenanthes aspera	Rough Rattlesnake-root	END		S 1	G4?	Plant
Schinia indiana	Phlox Moth	END		S2S3	G2G4	Moth
018N003W						
Bartramia longicauda	Upland Sandpiper	SC/M		S2B	G5	Bird
Canis lupus	Gray Wolf	SC/FL	LE	S4	G4	Mammal
Carex cumulata	Clustered Sedge	SC		S2	G4?	Plant~
Catocala whitneyi	Whitney's Underwing Moth	SC/N		S 3	G3G4	Moth
Driotura robusta	A Leafhopper	SC/N		S1S2	GNR	Leafhopper
Emydoidea blandingii	Blanding's Turtle	THR		S3S4	G4	Turtle~
Gentiana alba	Yellow Gentian	THR		S4	G4	Plant
Glyptemys insculpta	Wood Turtle	THR		S2	G4	Turtle~
Hesperia ottoe	Ottoe Skipper	SC/N		S 1	G3G4	Butterfly
Lycaeides melissa samuelis	Karner Blue	SC/FL	LE	S 3	G5T2	Butterfly
Microtus ochrogaster	Prairie Vole	SC/N		S2	G5	Mammal
Oak barrens	Oak Barrens	NA		S2	G2?	Community
Ophisaurus attenuatus	Slender Glass Lizard	END		S 1	G5	Lizard
Opuntia fragilis	Brittle Prickly-pear	THR		S3	G4G5	Plant
Phemeranthus rugospermus	Prairie Fame-flower	SC		S 3	G3G4	Plant
Pine barrens	Pine Barrens	NA		S2	G2	Community
Pituophis catenifer	Gophersnake	SC/P		S2S3	G5	Snake
Poa paludigena	Bog Bluegrass	THR		S 3	G3	Plant~
Rhexia virginica	Virginia Meadow-beauty	SC		S 3	G5	Plant~
Schinia indiana	Phlox Moth	END		S2S3	G2G4	Moth
Scleria triglomerata	Whip Nutrush	SC		S2S3	G5	Plant~
Sturnella neglecta	Western Meadowlark	SC/M		S2B	G5	Bird
Tetracha virginica	Virginia Big-headed Tiger Beetle	SC/N		S1S2	G5	Beetle
018N004W						
Ophisaurus attenuatus	Slender Glass Lizard	END		S 1	G5	Lizard
Opuntia fragilis	Brittle Prickly-pear	THR		S 3	G4G5	Plant
Polytaenia nuttallii	Prairie Parsley	THR		S2	G5	Plant
Streamfast, soft, cold	StreamFast, Soft, Cold	NA		SU	GNR	Community~
018N005W						
Pituophis catenifer	Gophersnake	SC/P		S2S3	G5	Snake
018N006W						

Town Range						
Scientific Name	Common Name	State	Federal	State	Global	Group
		Status	Status	Rank	Rank	Name
Ammocrypta clara	Western Sand Darter	SC/N		S3	G3	Fish~
Moxostoma carinatum	River Redhorse	THR		S2	G4	Fish~
018N007W						
Ammocrypta clara	Western Sand Darter	SC/N		S3	G3	Fish~
018N008W						
Ammocrypta clara	Western Sand Darter	SC/N		S3	G3	Fish~
019N001E						
Ammodramus leconteii	Le Conte's Sparrow	SC/M		S2S3B	G4	Bird~
Arphia conspersa	Speckled Rangeland	SC/N		S2	G5	Grasshopper
	Grasshopper					
Bartonia paniculata	Twining Screwstem	SC		S 1	G5	Plant~
Botaurus lentiginosus	American Bittern	SC/M		S3B	G4	Bird~
Callophrys irus	Frosted Elfin	THR		S 1	G3	Butterfly
Canis lupus	Gray Wolf	SC/FL	LE	S4	G4	Mammal
Carex cumulata	Clustered Sedge	SC		S2	G4?	Plant~
Central poor fen	Central Poor Fen	NA		S3	G3G4	Community~
Central sands pine-oak forest	Central Sands Pine-Oak Forest	NA		S3	G3	Community
Chlidonias niger	Black Tern	SC/M		S2B	G4	Bird~
Coturnicops noveboracensis	Yellow Rail	THR		S1B	G4	Bird~
Emergent marsh	Emergent Marsh	NA		S4	G4	Community~
Emydoidea blandingii	Blanding's Turtle	THR		S3S4	G4	Turtle~
Erynnis persius	Persius Dusky Wing	SC/N		S3	G5	Butterfly
Hardwood swamp	Hardwood Swamp	NA		S3	G4	Community~
Lycaeides melissa samuelis	Karner Blue	SC/FL	LE	S3	G5T2	Butterfly
Northern sedge meadow	Northern Sedge Meadow	NA		\$3	G4	Community~
Northern wet forest	Northern Wet Forest	NA		S4	G4	Community~
Open bog	Open Bog	NA		\$4	G5	Community~
Tamarack (poor) swamp	Tamarack (Poor) Swamp	NA		S3	G4	Community~
White pine-red maple swamp	White Pine-Red Maple Swamp	NA		S2	G3G4	Community~
019N001W						
Atrytonopsis hianna	Dusted Skipper	SC/N		S2S3	G4G5	Butterfly
Canis lupus	Gray Wolf	SC/FL	LE	S4	G4	Mammal
Haliaeetus leucocephalus	Bald Eagle	SC/P		S4B,S4N	G5	Bird~
Hesperia metea	Cobweb Skipper	SC/N		S2	G4G5	Butterfly
Lycaeides melissa samuelis	Karner Blue	SC/FL	LE	S3	G5T2	Butterfly
Northern dry forest	Northern Dry Forest	NA		S3	G3?	Community
019N002E						
Canis lupus	Gray Wolf	SC/FL	LE	S4	G4	Mammal
Central poor fen	Central Poor Fen	NA		S 3	G3G4	Community~
Tamarack (poor) swamp	Tamarack (Poor) Swamp	NA		S 3	G4	Community~
019N002W						
Alder thicket	Alder Thicket	NA		S4	G4	Community~
Asclepias ovalifolia	Dwarf Milkweed	THR		S 3	G5?	Plant
Canis lupus	Gray Wolf	SC/FL	LE	S4	G4	Mammal
Emydoidea blandingii	Blanding's Turtle	THR		S3S4	G4	Turtle~
Erynnis persius	Persius Dusky Wing	SC/N		\$3	G5	Butterfly
Glyptemys insculpta	Wood Turtle	THR		S2	G4	Turtle~
Lycaeides melissa samuelis	Karner Blue	SC/FL	LE	\$3	G5T2	Butterfly
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