STREAM FIELD ID: <u>ST - ASO?</u>



tream Name: Unnall	od Tributan		Date: 11/03/2015	
County: Chautauqua	/		State: New York	
valuator(s): M. Buderg S. Bulkenmeyer			Data Point ID:	
Str	eam Characteristics		Bottom Characteristics	
Perceptible Flow [X] yes		Peleward	Substrate Type: Probed Stream Depth (if water present):	
Flow Regime: [X] Perennia		Ephemeral		12" • 24"
Stream Flow Direction			[] Sand [] 25- [] Silt/Clay [] 37"	
Width (ft) (water's edge to			[] Other [] No	Perceptible Depth
Width (ft) (bank to bank) _	10-12'			
Bai	nk Height and Slope		Associated Habitat	Size Class-
	$\underline{0-3' \text{ High}}$ $0 - 20\% (0-11^{\circ})$ $21 - 50\% (12-27^{\circ})$ $51 - 100\% + (38-45^{\circ})$ $100\% + (46^{\circ} +)$ $\underline{3-6' \text{ High}}$ $0 - 20\% (0-11^{\circ})$ $21 - 50\% (12-27^{\circ})$ $51 - 100\% (38-45^{\circ})$ $100\% (46^{\circ} +)$ $\underline{6' + \text{ High}}$	Right Bank*	Riparian Vegetation[y] yes [] no If yes, list: Milled Hardwoods, Hamlock Aquatic Vegetation [] yes [X] no If yes, list: Associated Wetland [] yes [X] no If yes, list ID: Aquatic Organisms [] yes [X] no If yes, list: Riparian/Terrestrial Organisms [] yes [X] no If yes, list: T&E Species [] yes [X] no If yes, list:	 [] Major >100 ft [] Intermediate >10 ft, <100ft [M Minor <10 ft
[] K] [] Provide Detail of any F	0 - 20% (0-11°) 21 - 50% (12-27°) 51 - 100% (38-45°) 100% (46°+) Evidence of Erosion:	[] [] [] []	Stream Photos Collected ID, Direc <u>Photo 579 US/U</u> <u>Photo 580 DS/E</u> <u>Photo 581 RTL</u>	J

STREAM FIELD ID: <u>ST-ASIL</u>



ream Name: U	nnamed Tributar	Y	Date: 10 11/05/2015	
ounty: Chautauqu		/	State: New York	
	Boberg S Buekenmy	yer	Data Point ID: 573	
•	Stream Characteristics		Bottom Characteristics	
erceptible Flow	🔀] yes [] no		Substrate Type: Probed Stre (if water pro	
low Regime: [X]	Perennial [] Intermittent []]	Ephemeral	[] Bedrock [X] 0-6 [X] Cobble [] 7-2	5"
tream Flow Direc	edge to water's edge) 2-5 ¹	<u></u>	[] Gravel [] 13- [] Sand [] 25- [X Silt/Clay [] 37"	
	$(0.5 \text{ bank}) = (0.5 \text{ cdgc})^{-2}$			• •
	Bank Height and Slope		Associated Habitat	Size Class
Left Bank*	$\frac{0-3' \text{ High}}{0-20\% (0-11^{\circ})}$ $21 - 50\% (12-27^{\circ})$ $51 - 100\% + (38-45^{\circ})$ $100\% + (46^{\circ} +)$ $\frac{3-6' \text{ High}}{0-20\% (0-11^{\circ})}$ $21 - 50\% (12-27^{\circ})$ $51 - 100\% (38-45^{\circ})$ $100\% (46^{\circ} +)$ $\frac{6' + \text{ High}}{0-20\% (0-11^{\circ})}$ $21 - 50\% (12-27^{\circ})$ $51 - 100\% (38-45^{\circ})$	Right Bank* [] [] [] [] [] [] [] [] [] []	Riparian Vegetation [X] yes [] no If yes, list: Aquatic Vegetation [] yes [X] no If yes, list: Associated Wetland [X] yes [] no If yes, list ID: Aquatic Organisms [] yes [X] no If yes, list: Riparian/Terrestrial Organisms [] yes [X] no If yes, list: T&E Species [] yes [X] ro If yes, list: T&E Species [] yes [X] ro If yes, list: T&E Species [] yes [X] ro If yes, list:	•
$\begin{bmatrix} 1 \\ 1 \end{bmatrix} = 100\% (46^{\circ} +) \qquad \begin{bmatrix} 1 \\ 1 \end{bmatrix}$ Provide Detail of any Evidence of Erosion: $\underline{\text{Minor erosion on banks}}$		Photo UII US Photo 612 Di Photo 613 D	s/s	

STREAM FIELD ID: <u>ST-A512</u>



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*// 1919

tream Name: Unnamed Tributary	Date: 11/05/2015
County: Chautauqua	State: New York
Evaluator(s): M- Boberg S- Buckenmeyer	Data Point ID: 574
Stream Characteristics	Bottom Characteristics
Perceptible Flow $[X]$ yes $[]$ no Flow Regime: $[X]$ Perennial $[]$ Intermittent $[]$ Ephemeral Stream Flow Direction <u>SOUTH</u> Width (ft) (water's edge to water's edge) <u>2-4'</u> Width (ft) (bank to bank) <u>(e-7'</u>	Substrate Type: Probed Stream Depth (if water present): [] Bedrock [] 0 - 6" [X] Cobble [] 7 - 12" [] Gravel [] 13 - 24" [] Sand [] 25 - 36" [X] Silt/Clay [] 37" + [] Other [] No Perceptible Depth
Bank Height and Slope	Associated Habitat Size Class
Left Bank* Right E $0-3' High$ $0-20\% (0-11^{\circ})$ $[X]$ $[]$ $0-20\% (12-27^{\circ})$ $[]$ $[]$ $51 - 100\% + (38-45^{\circ})$ $[]$ $[]$ $100\% + (46^{\circ} +)$ $[]$ $3-6'$ High $[]$ $100\% + (38-45^{\circ})$ $[]$ $[]$ $0-20\% (0-11^{\circ})$ $[]$ $100\% + (46^{\circ} +)$ $[]$ $100\% + (46^{\circ} +)$ $[]$ $100\% + (46^{\circ} +)$ $[]$ 11 $100\% + (46^{\circ} +)$ $[]$ 11 11 $100\% + (12-27^{\circ})$ $[]$ 11 11 $100\% + (12-27^{\circ})$ $[]$ 11 11 $100\% + (12-27^{\circ})$ $[]$ 11 11	If yes, list:Hardwoods>100 ftAquatic Vegetation [] yes $[X]$ noIntermediateIf yes, list: $[X]$ yes $[]$ noIntermediateAssociated Wetland $[X]$ yes $[]$ no M MinorAssociated Wetland $[X]$ yes $[]$ no (10 ft) Aquatic Organisms $[]$ yes $[X]$ no (10 ft) Aquatic Organisms $[]$ yes $[X]$ no (10 ft) Riparian/Terrestrial Organisms $[]$ yes $[X]$ noIf yes, list: $[]$ yes $[X]$ noT&E Species $[]$ yes $[X]$ noIf yes, list:
[] 21 - 50% (12-27°) [] [] 51 - 100% (38-45°) [] [] 100% (46°+) [] Provide Detail of any Evidence of Erosion:	Stream Photos Collected ID, Direction, and Description: <u>++4</u> Photo U14 US/N Photo U15 DS/S Photo U10 RTL/W

STREAM FIELD ID: ST- ASI 8



tream Name: unnamed Tributary		Date: 11/11/15	
County: Chautauqua		State: New York	
Braluator(s): M. Boberg B. Virts		Data Point ID: 603	
Stream Characteristics		Bottom Characteristics	
Perceptible Flow [1] yes [] no			D. d.
Now Regime: [X] Perennial [] Intermitter	nt [] Ephemeral	[] Bedrock (if water p	
Stream Flow Direction North		[] Gravel [] 13	- 24" - 36"
Width (ft) (water's edge to water's edge) 2.	-5'	[y] Silt/Clay [] 37"	'+
/idth (ft) (bank to bank) $5 - 6'$		[] Other [] No Perceptible Depth	
Bank Height and Slop	e	Associated Habitat	Size Class
Left Bank* <u>0-3' High</u>	Right Bank*	Riparian Vegetation[] yes [X] no If yes, list:	[] Major >100 ft
$ \begin{bmatrix} \mathbf{y} \\ 0 & -20\% & (0-11^{\circ}) \\ 21 & -50\% & (12-27^{\circ}) \\ \end{bmatrix} \\ \begin{bmatrix} 1 & & 51 & -100\% & + & (38-45) \\ 100\% & + & (46^{\circ} +) \end{bmatrix} $	[1] [] [] []	Aquatic Vegetation [] yes [x] no If yes, list: Associated Wetland [x] yes [x] no If yes, list ID: wcA562	 [] Intermediate >10 ft, <100ft [x] Minor <10 ft
$\begin{array}{c c} & \underline{3-6' \text{ High}} \\ \hline \\ 0 & -20\% & (0-11^{\circ}) \\ \hline \\ 1 & 21 & -50\% & (12-27^{\circ}) \\ \hline \\ 1 & 51 & -100\% & (38-45^{\circ}) \\ \hline \\ 1 & 100\% & (46^{\circ}+) \end{array}$		Aquatic Organisms [] yes [1] no If yes, list: Riparian/Terrestrial Organisms [] yes [1] no If yes, list: T&E Species [] yes [1] no	
	[] [] [] []	If yes, list: Stream Photos Collected ID, Direction	on, and Description:
Provide Detail of any Evidence of Erosion: Minor prosion to banks.		Photo 643 DS/N	
		Photo 643 DS/N Photo 644 RTL/4)	
		Photo	

where the

-05

STREAM FIELD ID: <u>A519</u>



Date: 12/2015 State: New York Data Point ID: 608 Bottom Characteristics Bottom Characteristics Substrate Type: [] Bedrock [] 0-6" [] Cobble [X] 7-12 [X] Gravel [] 13-24 [] Sand [] 25-36 [X] Silt/Clay [] 37" + [] Other [] No Peter	ent): " 4" 6"
Data Point ID: 608 Bottom Characteristics Bottom Characteristics Substrate Type: Probed Stream (if water press (if w	ent): " 4" 6"
Bottom Characteristics Bottom Characteristics Substrate Type: Probed Stream (if water press (if water press [] 0 - 6" [] Bedrock [] 0 - 6" [] Cobble [X] 7 - 12 [X] Gravel [] 13 - 24 [] Sand [] 25 - 34 [X] Silt/Clay [] 37" +	ent): " 4" 6"
Substrate Type:Probed Stream (if water press $[$ Bedrock $[$ $[$ Cobble $[X]$ $[X]$ Gravel $[$ $[$ Sand $[$ $[X]$ Silt/Clay $[$ $[$ $37" +$	ent): " 4" 6"
[] Bedrock [] $0 - 6"$ [] Cobble [X] $7 - 12$ [X] Gravel [] $13 - 24$ [] Sand [] $25 - 36$ [X] Silt/Clay [] $37" +$	ent): " 4" 6"
$ \begin{bmatrix} & & & & & & & \\ & & & & & \\ & & & & &$	" 4" 6"
[] Sand [] 25 - 30 [] Silt/Clay [] 37" +	6"
Associated Habitat	Size Class
Riparian Vegetation [X] yes [] no If yes, list: FACW LATIVE Energent Herbecious Species. Aquatic Vegetation [] yes [X] no If yes, list: Associated Wetland [] yes [X] no If yes, list ID: Aquatic Organisms [] yes [X] no If yes, list: Not observed. Riparian/Terrestrial Organisms [X] yes [] no If yes, list: Cattle. T&E Species [] yes [X] no If yes, list: None observed Stream Photos Collected ID, Direction $\frac{670 MUS}{671 E/DS}$	
	Riparian Vegetation[X] yes [] no If yes, list: FACW LATIVE Emergent Hertectors Species. Aquatic Vegetation [] yes [X] no If yes, list: Associated Wetland [] yes [X] no If yes, list ID: Aquatic Organisms [] yes [X] no If yes, list: Not observed. Riparian/Terrestrial Organisms [X] yes [] no If yes, list: Cattle. T&E Species [] yes [X] no If yes, list: Note observed. Stream Photos Collected ID, Direction

STREAM FIELD ID: 4520



Project Name: Bal	l Hill Wind Project		-	
Stream Name:			Date: 11/12/2015	
County: Chautauc	qua	and a subscription because	State: New York	
Evaluator(s): B. Virts, S. Buckbonneyer			Data Point ID: 609	
	Stream Characteristics		Bottom Characteristics	and description of the second s
Perceptible Flow	[X] yes [] no		Substrate Type: Probed Stre (if water pro	
Flow Regime: [X]	Perennial [] Intermittent []	Ephemeral	[] Bedrock [] 0-6 [] Cobble [X] 7-3	" 12"
Stream Flow Direc	ction NorthSB East		[] Gravel [] 13 - [] Sand [] 25 -	36"
Width (ft) (water's	edge to water's edge) $\frac{\partial}{\partial} - 8 + \frac{\partial}{\partial}$:et	[X] Silt/Clay [] 37" [] Other [] No]	+ Perceptible Depth
Width (ft) (bank to	obank) <u>4-10 feet</u>			
	Bank Height and Slope		Associated Habitat	Size Class
Left Bank*	$\frac{0-3' \text{ High}}{0-20\% (0-11^{\circ})}$ $21 - 50\% (12-27^{\circ})$ $51 - 100\% + (38-45^{\circ})$ $100\% + (46^{\circ} +)$ $\frac{3-6' \text{ High}}{0-20\% (0-11^{\circ})}$ $21 - 50\% (12-27^{\circ})$ $51 - 100\% (38-45^{\circ})$ $100\% (46^{\circ} +)$ $\frac{6' + \text{ High}}{0-20\% (0-11^{\circ})}$	Right Bank*	Riparian Vegetation [X] yes [] no If yes, list: Faculative Emergent Herbacious Aquatic Vegetation [] yes [X] no If yes, list: Associated Wetland [X] yes [] no If yes, list ID: $A565$ Aquatic Organisms [] yes [X] no If yes, list: None observed Riparian/Terrestrial Organisms [X] yes [] no If yes, list: Cattle T&E Species [] yes [X] no If yes, list: None observed	 [] Major >100 ft [] Intermediate >10 ft, <100ft [X] Minor <10 ft
livestoc	0 - 20% (0-11°) 21 - 50% (12-27°) 51 - 100% (38-45°) 100% (46°+) of any Evidence of Erosion: <u>Erop</u> K. <u>Severe stream ins</u> <u>m reach</u> . <u>Stable in th</u> <u>elach</u> .	tability in	Stream Photos Collected ID, Direct <u>673 W/US, 674 E/DS</u> ,	

STREAM FIELD ID: _______A521

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Stream Name: No.	ETH Branch		Data: 11) . 1	
County: Chautauqua	- I Ismoch		Date: 11)12-115	
			State: New York	
Evaluator(s): B.V.12	Bvaluator(s): B.Viers, S. Buckenmeyer		Data Point ID: 612 DP-62T BV	-DA- (R)
	tream Characteristics		Bottom Characteristics	1600/
Perceptible Flow [X] ye	es [] no			ream Depth
Flow Regime: [X] Perenn			[] Bedrock [] 0 - [>] Cobble [>] 7 -	oresent): 6"
Stream Flow Direction	North		[x] Gravel [] 13	- 24"
Width (ft) (water's edge to	water's edge)	hannels_	[] Silt/Clay [] 37"	- 36" ' +
				Perceptible Depth
Width (ft) (bank to bank)	10=10-12', 20	8-10		
Ba	nk Height and Slope		Associated Habitat	Size Class
Left Bank*		Right Bank*	Riparian Vegetation[] yes [] no	Size Class
	<u>0-3' High</u>		IT yes, list: Fridetide	[] Major >100 ft
. 1			Aquatic Vegetation [] yes [x] no	
M	0 - 20% (0-11°) 21 - 50% (12-27°)	[]	If yes, list:	[] Intermediate >10 ft, <100ft
	$51 - 100\% + (38-45^\circ)$			
[]	100%+(46°+)	[]	Associated Wetland [x] yes [] no	[▶] Minor <10 ft
			If yes, list ID: wetterd ASE7	
	<u>3-6' High</u>		Aquatic Organisms [] yes [4 no	
[] () - 20% (0-11°)	T 1	If yes, list: none observed	
[] 2	21 - 50% (12-27°)	[]	Riparian/Terrestrial Organisms	
	51 - 100% (38-45°)	[]] yes [× no	
(J)	.00% (46°+)	[]	If yes, list:	
			T&E Species [] yes [X] no	
3	6' + High		If yes, list:	
[] o	- 20% (0-11°)	T 1	none observed	
2	1 - 50% (12-27°)	i i	Stream Photos Collected ID, Direction	on and Description
1 J 5	1 - 100% (38-45°)	[]		m, and Description:
	00% (46°+)	LI	- 680 us/w	
Provide Detail of any Ev	idence of Erosion:			
Erosion Notes	Linlocal. red	chean.	DS/E	
0	g and Seca-da	1.0.0	682 RTUN	
- changels b	and hard att	3		
	in the second curle,	-B		
- mystorean c	E there con the	e cr-ce		

STREAM FIELD ID: ________

1



Stream Name:	unnames TRIBLIP	24	Date: 11)13/15	
County: Chauta			State: New York	
Evaluator(s): B. V.2TS			Data Point ID: DP-GIG	1
	Stream Characteristics		Bottom Characteristics	
Perceptible Flow	[X] yes [] no			
]Perennial [X]Intermittent [] Ephemeral	[] Bedrock [X] 0-	6"
Stream Flow Dire	ection North		[x] Gravel [] 13	- 24"
Width (ft) (water's	s edge to water's edge) 2 '		[×] Silt/Clay [] 37"	
	o bank)6'-8'			Perceptible Depth
	Bank Height and Slope		Associated Habitat	
Left Bank*		Right Bank*	Riparian Vegetation [X] yes [] no	Size Class
	<u>0-3' High</u>	10 2 C C C C C C C C C C C C C C C C C C	IT yes, list: RT Bin + Postale	[] Major >100 ft
[]	0 - 20% (0-11°)	11	Aquatic Vegetation [] yes [no	[] Intermediate
[]	21 - 50% (12-27°)	[]	If yes, list:	>10 ft, <100ft
[]	51 - 100% + (38-45°) 100% + (46° +)	[]	Associated Wetland [x] yes [] no If yes, list ID:	[X] Minor <10 ft
	<u>3-6' High</u>		Aquatic Organisms [] trans 10	
[]	0 - 20% (0-11°) 21 - 50% (12-27°)	[]	If yes, list: none observed Binarian (Barnetic 10)	
[]	51 - 100% (38-45°)	[]	Riparian/Terrestrial Organisms [] yes [🏹] no	
	100% (46°+)	[]	It yes, list: none observed	
11	<u>6' + High</u>		T&E Species [] yes [] no If yes, list:	
[] [] []	0 - 20% (0-11°) 21 - 50% (12-27°) 51 - 100% (38-45°)		Stream Photos Collected ID, Directio	on, and Description:
[]	100% (46°+)	[]	690-5145	
	f any Evidence of Erosion:		EFIC- N/05	
	is a high grad.			
Stream	that is impact.	a by	692 - WIRTL	
	The channel is g			
unstuble	throughout the Re	0		

STREAM FIELD ID: 5T-A523



Project Name: Ball	IIII WING Project		T	
Stream Name: UN	named tributary		Date: 11/10/2015	
County: Chautauqu			State: New York	
Evaluator(s): M·B S·B	buckenmeyer		Data Point ID: DP-024	
	Stream Characteristics		Bottom Characteristics	
Perceptible Flow [X] yes [] no Flow Regime: [X] Perennial [] Intermittent [] Ephemeral Stream Flow Direction North Width (ft) (water's edge to water's edge) $2 + 3 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + $			Substrate Type:Probed Stream Depth (if water present): $[]$ Bedrock $[X]$ 0 - 6" $[]$ Cobble $[]$ 7 - 12" $[]$ Gravel $[]$ 13 - 24" $[]$ Sand $[]$ 25 - 36" $[X]$ Silt/Clay $[]$ 37" + $[]$ Other $[]$ No Perceptible Depth	
Bank Height and Slope		Associated Habitat	Size Class	
Left Bank*	$\frac{0.3' \text{ High}}{0 - 20\% (0-11^{\circ})}$ $21 - 50\% (12-27^{\circ})$ $51 - 100\% + (38-45^{\circ})$ $100\% + (46^{\circ} +)$ $\frac{3-6' \text{ High}}{0 - 20\% (0-11^{\circ})}$ $21 - 50\% (12-27^{\circ})$ $51 - 100\% (38-45^{\circ})$ $100\% (46^{\circ} +)$ $\frac{6' + \text{ High}}{0 - 20\% (0.110)}$	Right Bank*	Riparian Vegetation[X] yes [] no If yes, list: 5crub Shrub Aquatic Vegetation [] yes [y] no If yes, list: Associated Wetland [x] yes [] no If yes, list ID: WL ^ 7578 Aquatic Organisms [] yes [x] no If yes, list: Riparian/Terrestrial Organisms [] yes [y] no If yes, list: T&E Species [] yes [x] no If yes, list:	 [] Major >100 ft [] Intermediate >10 ft, <100ft [/] Minor <10 ft
$\begin{bmatrix} 1 & 0 - 20\% (0-11^{\circ}) & [] \\ 1 & 21 - 50\% (12-27^{\circ}) & [] \\ 1 & 51 - 100\% (38-45^{\circ}) & [] \\ 1 & 100\% (46^{\circ}+) & [] \\ \end{bmatrix}$ Provide Detail of any Evidence of Erosion:		Stream Photos Collected ID, Direct <u>Photo</u> U97 US15 <u>Photo</u> 1098 DS/N <u>Photo</u> 1099 RTYE		

STREAM FIELD ID: ST-AS210



tream Name: Unnamed Tributary		Date: 11/20/2015	
County: Chautauqua		State: New York	
Evaluator(s): M. BODelg S. Bulkenmug	jer	Data Point ID: 656	
Stream Characteristics		Bottom Characteristics	
Perceptible Flow $[\chi]$ yes $[]$ no Flow Regime: $[\chi]$ Perennial $[]$ Intermittent $[]$ Effective Stream Flow Direction <u>NOITH</u> Width (ft) (water's edge to water's edge) <u>8-10'</u> Width (ft) (bank to bank) <u>15-20'</u>	Substrate Type:Probed Stream Depth (if water present):[] Bedrock[] 0 - 6"[] Cobble[X] 7 - 12"[] Gravel[] 13 - 24"[] Sand[] 25 - 36"[X] Silt/Clay[] 37" +[] Other[] No Perceptible Depth		
Bank Height and Slope		Associated Habitat	Size Class
Left Bank* $ \begin{array}{c} $	Right Bank* [] [] [] [] [] [] [] [] [] [] [] [] []	Riparian Vegetation[x] yes [] no If yes, list: FAL EMUGEN+ NUDALOUS Aquatic Vegetation [] yes [x] no If yes, list: Associated Wetland [] yes [x] no If yes, list ID: Aquatic Organisms [] yes [x] no If yes, list: Riparian/Terrestrial Organisms [] yes [x] no If yes, list: T&E Species [] yes [x] no If yes, list:	 [] Major > 100 ft [x] Intermediate > 10 ft, <100ft [] Minor < 10 ft
$\begin{bmatrix} 1 & 0 - 20\% & (0-11^{\circ}) \\ 1 & 21 - 50\% & (12-27^{\circ}) \\ 1 & 51 - 100\% & (38-45^{\circ}) \\ 1 & 100\% & (46^{\circ}+) \\ \end{bmatrix}$ Provide Detail of any Evidence of Erosion:		Stream Photos Collected ID, Direct Photo 736 US/S Photo 737 DS/N Photo 738 RTL/E	

STREAM FIELD ID: <u>ST- A527</u>



roject Name: Ball Hill Wind Project tream Name: UNNAIMAC Tributall	1	Date: 11/20/15	
	9	State: New York	
Evaluator(s): M.B.D.D.L.G. S. BUULLAN	uyer	Data Point ID: 657	
Stream Characteristics	/	Bottom Characteristics	
Perceptible Flow $[\gamma]$ yes $[]$ no Flow Regime: $[\chi]$ Perennial $[]$ Intermittent $[$ Stream Flow Direction <u>East</u> Width (ft) (water's edge to water's edge) <u>$1D-1$</u> Width (ft) (bank to bank) <u>$ZO-Z(o'$</u>		Substrate Type:Probed Stream Depth (if water present): $[$ Bedrock $[$ $[$ Cobble $[X]$ $[X]$ Gravel $[$ $[X]$ Gravel $[$ $[X]$ Sand $[$ $[X]$ Silt/Clay $[$ $[$ Other $[$ $[$ No Perceptible Depth	
Bank Height and Slope		Associated Habitat	Size Class
Left Bank* $\begin{array}{c} $	Right Bank*	Riparian Vegetation [x] yes [] no If yes, list: Mixed Hundwoods Aquatic Vegetation [] yes [x] no If yes, list: Associated Wetland [] yes [x] no If yes, list ID: Aquatic Organisms [] yes [x] no If yes, list: Riparian/Terrestrial Organisms [] yes [x] no If yes, list: T&E Species [] yes [x] no If yes, list:	 [] Major >100 ft [] Intermediate >10 ft, <100ft [] Minor <10 ft
$\begin{bmatrix} 1 & 0 - 20\% (0-11^{\circ}) & [] \\ 1 & 21 - 50\% (12-27^{\circ}) & [] \\ 1 & 51 - 100\% (38-45^{\circ}) & [] \\ 1 & 100\% (46^{\circ} +) & [] \\ \end{bmatrix}$ Provide Detail of any Evidence of Erosion:		Stream Photos Collected ID, Direc Photo 739 US/ Photo 740 DS/ Photo 741 RTL,	

STREAM FIELD ID: ______A528___



Project Name: Ball H	Hill Wind Project			
Stream Name: [1]	nna mod Tributary	1	Date: 11 20/15	
County: Chautauqua			State: New York	
Evaluator(s):	Boberg S-Buckenn	lyer	Data Point ID: 658	
	Stream Characteristics		Bottom Characteristics	
Perceptible Flow $[\gamma]$ yes $[]$ no Flow Regime: $[\gamma]$ Perennial $[]$ Intermittent $[]$ Ephemeral Stream Flow Direction $\underline{M/I.S.F}$ Width (ft) (water's edge to water's edge) $\underline{(l-S')}$ Width (ft) (bank to bank) $\underline{S-10'}$			(if water p [] Bedrock [] 0- [x] Cobble [x] 7- [] Gravel [] 13 [] Sand [] 25 [x] Silt/Clay [] 37'	6" 12" - 24" - 36"
	Bank Height and Slope		Associated Habitat	Size Class
Left Bank*	$\frac{0-3' \text{ High}}{0-20\% (0-11^{\circ})}$ $21 - 50\% (12-27^{\circ})$ $51 - 100\% + (38-45^{\circ})$ $100\% + (46^{\circ} +)$ $\frac{3-6' \text{ High}}{0-20\% (0-11^{\circ})}$ $21 - 50\% (12-27^{\circ})$ $51 - 100\% (38-45^{\circ})$ $100\% (46^{\circ} +)$ $\frac{6' + \text{ High}}{0-20\% (0-11^{\circ})}$	Right Bank*	Riparian Vegetation [λ] yes [] noIf yes, list: M) Action ([] yes [λ] noAquatic Vegetation [] yes [λ] noIf yes, list:Associated Wetland [] yes [λ] noIf yes, list ID: Aquatic Organisms [] yes [λ] noAquatic Organisms [] yes [λ] noIf yes, list:Riparian/Terrestrial Organisms [] yes [λ] noIf yes, list:T&E Species [] yes [λ] noIf yes, list:	 [] Major >100 ft Mg A Intermediate >10 ft, <100ft [] Minor <10 ft
[] 21 - 50% (12-27°) [] [] 51 - 100% (38-45°) [] [] 100% (46°+) [] Provide Detail of any Evidence of Erosion: Minor 100% (46°+) [] Provide Detail of any Evidence of Erosion: Minor 100% (5000 on banks Minor 100% (5000 on banks Avidunce 100% (2000 for banks Jouenstrikan		Stream Photos Collected ID, Dire <u>Photo 743 USJE</u> <u>Photo 744 DS/M</u> <u>Photo 745 RTL</u>		



Stream Field ID:	Stream	A529	
Data Point ID:	DP-666	Date:	5/20/10
Project Name:	Ball Hill Wind	Project	J
Evaluator(s):	Ben Uirts,	Niale Duty	
County: Chautau	Iqua		State: <u>NY</u>
Stream Name:	Unnamed	trib to Ba	nch Creek
State Classified:		No 🔀 🛛 Not A	Applicable
	assification:		
Lat: <u>42.40</u>	7665	Long:	-79.114551
	Hydrol	ogic Characte	ristics designed
Flow Regime:	Perennial		ent Ephermeral
Surface Water:	Pres	است مست	Absent
Perceptible Flow:	Pres		Absent
Water Depth at Th	alweg:	4 " We	tted Perimeter Width:
Flow/Gradient Dire		Nor	
	Geomorp	nologic Chara	cteristics
Primary Substra	te Class:	Silt Chy	· · · · · · · · · · · · · · · · · · ·
		Width	
	at Di	P Max	
. OH	IWM 5.C	o' 5,0'	
Top of I			
	Lef	t Right	
Bank Slope		,5 3/2.5	
antante of a state of the	Bank	Stability Sum	mary
Left	Bank: <u>No a</u>	rear of book	instability / Milly vegetated
	<u></u>		· / · / ·
Right	Bank: <u>Na a</u>	resof bank	instability / fully regetated
	Hab	itat Characteri	stics
A subtice \/occation		Yes	
Aquatic Vegetation If Yes, Descr		105	
Aquatic Organism If Yes, Descr		Yes	
Terrestrial Organis If Yes, Desci		d: Yes	<u>No X</u>

1



Data Point ID: DP - 666

	Riparian Characteristics				
Riparian Vegetation Description (0' to 150' from TOB): Right: <u>0-2' - FAC / Emigrat Veg</u> , <u>2'-150' - Cultivoled row crops (Wheat</u>) Left: <u>0 - 5' - FAC / Emigrat Veg</u> <u>5'-150' - Cultivated row Coops (Wheat</u>) Associated Wetland Present: Yes X No If Yes, Describe: <u>Wetland A 597</u>					
	AD ASIO				
		Photos			
	Direction	Notes/Additional Description			
Upstream	S				
Dowsnstream	N				
Cross Channel	W	RTL			
		Connectivity Notes:			
Recieves hidwlogy from gradient retland and discharges to Unnormed thibutary of Brankh Creak					
	Supplemental	Notes & Comments:			



Stream Field ID: ST - Aらろい
Data Point ID: DP-667 Date: 5/23/16
Project Name: Ball Hill Wind Project
Evaluator(s): Ben Virty and Miacle Dutch
County: Chautauqua State: NY Stream Name: Unnamed trib to Barch Creek
Stream Name: <u>Unnamed trib to Banch Creek</u> State Classified: Yes No X Not Applicable
If Yes, Classification:
Lat: 42, 408745 Long: -79, 110409
Hydrologic Characteristics
Flow Regime: Perennial 🔀 Intermittent 🚺 Ephermeral
Surface Water: Present X Absent
Perceptible Flow: Present X Absent
Water Depth at Thalweg: <u>2</u> , Wetted Perimeter Width: <u>4</u> ,
Flow/Gradient Direction: <u>East</u>
Geomorphologic Characteristics
Primary Substrate Class: <u>SIt Clay</u>
Width
at DP Max OHWM Sル 5ル
Top of Bank $\Im f + 10 f +$
Left Right
Bank Slope (H:V) $3/4$ 10.5
Bank Stability Summary
Left Bank: Moderate erosion whin channel, more serve
a outside meander bends
Right Bank: Minor erosion, stream has good access to
Habitat Characteristics
Aquatic Vegetation Present: Yes No X
Aquatic Organisms Observed: Yes No X
Terrestrial Organisms Observed: Yes No X



.

Data Point ID: DP - 667		
	Riparian	Characteristics
Riparian Vegetation Right: <u>Hard w</u>	n Description (0' t wid facst W	o 150' from TOB): (selective timberhovest (beach)
	+ 90-150 : H D 80-90 : d	
Associated Wetlan If Yes, Descri	d Present: be: Wetlan	Yes \bigvee No \square
Associated Artificia If Yes, ID:		
	Store and specific and	Photos
	Direction	Notes/Additional Description
Upstream	5	
Dowsnstream Cross Channel	<u>N</u>	R'TI.
	<u> </u>	
	Jurisdictional	Connectivity Notes:
	Supplemental	Notes & Comments:
	,	
	·····	
·····		
, , , , , , , , , , , , , , , , ,		
·	· · ·	·
	<u></u>	



Stream Field ID:	TREAM A531
Data Point ID: DP-	685 Date: 5124116
Project Name: Ball I	Hill Wind Project
Evaluator(s):	. V 1275
County: Chautauqua	State: NY
Stream Name: Une	named tributon of Silver Creek
State Classified: Yes	No X Not Applicable
If Yes, Classific	ation:
Lat: <u>42,433901</u>	Long: <u>-79,130705</u>
	Hydrologic Characteristics
Flow Regime: Pere	nnial 🔀 Intermittent 📄 Ephermeral 🦲
Surface Water:	Present 🔨 Absent
Perceptible Flow:	Present X Absent
Water Depth at Thalweg	: 2"-4" Wetted Perimeter Width: 4'
Flow/Gradient Direction:	EAST
	omorphologic Characteristics
Primary Substrate Cla	SS: Gravel
	Width
•	at DP Max
OHWM	71 161
Top of Bank	12' 19'
	Left Right
Bank Slope (H:V)	
	Bank Stability Summary
Left Bank:	Bunk is strible with very miner
	xonples of more eizisin Present
Right Bank:	Bonk is stable with very mirer
	Habitat Characteristics
Aquatic Vegetation Pres	
If Yes, Describe:	
Aquatic Organisms Obs If Yes, Describe:	erved: Yes 🔀 No 🦳
Terrestrial Organisms O If Yes, Describe:	bserved: Yes No 🗵



Data Point ID: DP - 685				
	Riparian	Characteristics		
Riparian Vegetation	n Description (0' t	o 150' from TOB):		
_• ت C Right:	150' Herdwood	od Forest - mature hamlacks		
Left:/	150' Hordw	sood Forest-maturia hemlacks		
Associated Wetland If Yes, Descril	d Present: be:ບ _e			
Associated Artificia If Yes, ID:				
		Photos		
	Direction	Notes/Additional Description		
Upstream	W			
Dowsnstream	E			
Cross Channel	<u>N</u>	ATL		
	Jurisdictional	Connectivity Notes:		
Tr	ibutory of	Silver Creek		
	J			
·····				
<u> </u>	······			
	Supplemental	Notes & Comments:		
Martin				
·	<u></u>			
•				
	<u> </u>			



Stream Field ID:	Stream P	532			
Data Point ID:)P- 686	Date:	5124116)	
Project Name: B	all Hill Wind Pro	ject .			
Evaluator(s):	B. VIZTS				
County: Chautauqu			State: N	IY	
Stream Name:	homamed to	ributor	of Silver	Licek	
State Classified: Y	es 📃 No 🛛	······	Applicable		· · · · · · · · · · · · · · · · · · ·
If Yes, Class	sification:				
Lat: <u>42,4340</u>	37	Long:	-79,13	0850	······
	Hydrologic	Characte	ristics		
Flow Regime: P	erennial 🔨	Intermitte	ent	Ephermeral	
Surface Water:	Present	X	Absent		 ,
Perceptible Flow:	Present	X	Absent		
Water Depth at Thalv	L	We	ted Perimete	er Width: ۲	۲ [′]
Flow/Gradient Directi					
	Geomorpholo	gic Chara	cteristics		
Primary Substrate	<u>ى Class:</u>	ravel			
	Wid	th			
	at DP	Max			
OHW	′M 6′	8'			
Top of Ba	nk 🛛 😚 🕹	10'			
	Left	Right			
Bank Slope (H		1:1			
	Bank Sta	bility Sum	mary		
Left Ba	•		no ension	- Present	
Right Ba	nk: <u>Bank</u>	Stable	, NO EDS	ion preses	<u></u>
	Habitat C	Sharacteri	stics		
Aquatic Vegetation P If Yes, Describe		Yes	No [×	
Aquatic Organisms C If Yes, Describe		Yes	`No [X	
Terrestrial Organisms If Yes, Describe		Yes	No [×	



Data Point ID: DP - 686		
R	Riparian Characteristics	
Riparian Vegetation Descrip Right: <u>0'-150'</u>	nature Hemlock Forest	
Left: 0'-150'	Mature Hemlack Forest	
Associated Wetland Presen If Yes, Describe:	t: Yes K No Wetland A608	
Associated Artificial Drain P If Yes, ID:	resent: Yes No 🗡	
	Photos	
Direc ب Dowsnstream ک E	ction Notes/Additional Description	
Cross Channel N	RTL	
	lictional Connectivity Notes: Silver Creek	
Supple	emental Notes & Comments:	



Stream Field ID: STReam AS33	
Data Point ID: DP- 707 Date: 512616	
Project Name: Ball Hill Wind Project	
Evaluator(s): B. VIRTS, S. Buckenmeyer	
County: Chautauqua State: NY	
Stream Name: <u>Silver Creek</u>	
State Classified: Yes 🔀 No 🔄 Not Applicable 🦳	
If Yes, Classification: A	
Lat: <u>42,45/88/</u> Long: <u>-79,103028</u>	
Hydrologic Characteristics	
Flow Regime: Perennial 🗡 Intermittent 📃 Ephermeral 🦲	
Surface Water: Present × Absent	
Perceptible Flow: Present Absent	
Water Depth at Thalweg: Wetted Perimeter Width:	
Flow/Gradient Direction: Enst	
Geomorphologic Characteristics	
Primary Substrate Class: (srave 1 (Large)	
Width	
at DP Max	
OHWM ひ' 30′	
Top of Bank 23' 30'	
Left Right	
Bank Slope (H:V)	
Bank Stability Summary	
Left Bank: minor Bon & easion with Significant	
Disturbance new stream crossing	
Right Bank: Minor Bank Proston with Sightfrant	
Disturbue near stream crossing	
Habitat Characteristics	
Aquatic Vegetation Present: Yes No X	
Aquatic Organisms Observed: Yes X No If Yes, Describe: CRODIS Fly, Store fly, Mayely, But backed salamander, minne	
Terrestrial Organisms Observed: Yes No X	م ـ



Data Point ID:	DP - 707				
	Riparian	Characteristics			
Riparian Vegetatior	n Description (0' t	o 150' from TOB):			
Right: Forest	ed and sha	ub Riporia 0'-150'			
Left: Force	Left: Forested and shrub Ripartian species 0'-150'				
Associated Wetland If Yes, Descri		Yes No 🔽			
Associated Artificia If Yes, ID:	l Drain Present: กษะรเน	Yes 🗵 No 🔄			
	le de la companya de	Photos			
	Direction	Notes/Additional Description			
Upstream	ы.				
Dowsnstream	E				
Cross Channel	N	RTL			
	Sunscientional	Connectivity Notes:			
	Ormoroatal	Notos & Commonitor			
Star		Notes & Comments:			
Lostream	of the cilier	t crossim and has a lorge			
of the cu	lust crossing	t crossing and hos a lorge the sitner down gradient			
· · · · · · · · · · · · · · · · · · ·					



Stream Field ID: ST	REAM	A534		
Data Point ID: DP-	712	Date:	5126116	
Project Name: Ball Hil	ll Wind Pr	oject		
	INTS, S.	Buckenme	eyer	
County: Chautauqua			³ State: <u>NY</u>	
Stream Name: Unco	med Tr.	batery of	F Silver Creek	
State Classified: Yes	× No		Applicable	
If Yes, Classificat	tion:	<u>A</u>	72 1. 111 115	
Lat: <u>42,456 515</u>		_ Long: _	-79.104645	
	lydrologi	c Characte	ristics	
Flow Regime: Perenr	nial 🗡] Intermitte	ent Ephermeral	
Surface Water:	Present	×	Absent	
Perceptible Flow:	Present	×	Absent	
Water Depth at Thalweg:	_6	<u>, We</u> t	ted Perimeter Width: 7'	
Flow/Gradient Direction:		EAST		
Geo	morphol	ogic Charac	cteristics	
Primary Substrate Class	s: <u>(</u>	Gravel 16	bble	
	Wie	dth		
	at DP	Max		
OHWM	13'	15'		
Top of Bank	91	25'		
	Left	Right		
Bank Slope (H:V)	2:25'	2':5'		
and the second	Bank Sta	ability Sum	mary	
Left Bank:	LeFt b	omk is s	table upstream of	
existing culment and unstable line sed bolow				
Right Bank:	Right B	knk is	stable upstream of ex	isting
_ Cul.	unt cn	1 unstab	hel incised below	_ `
	Habitat	Characteris	stics	
Aquatic Vegetation Preser	nt:	Yes [No 🗶	
If Yes, Describe:			······································	
Aquatic Organisms Obser If Yes, Describe:		Yes [× No	
Terrestrial Organisms Obs If Yes, Describe:		Yes		_



Data Point ID: DP - ティン

	Riparian	Characteristics		
Riparian Vegetation Description (0' to 150' from TOB):				
		ion species regetation and @75-150'		
	Field			
Left: <u>0 - 7</u>	5 shabad	Forest buffer oren with on once		
		, 75'-150' hay field		
Associated Wetlan If Yes, Descri		Yes No 🖌		
Associated Artificia		Yes 🗶 No		
If Yes, ID:	A0-517			
		Photos		
	Direction	Notes/Additional Description		
Upstream	<u>ن</u> با			
Dowsnstream	E			
Cross Channel		RTL		
	Jurisdictional	Connectivity Notes:		
		·····		
<u> </u>				
·····				
		· · · · · · · · · · · · · · · · · · ·		
	Supplemental	Notes & Comments:		
<u></u>	w.wn			



Stream Field ID:	STREAM	A535		
Data Point ID: DP-	719	Date:	5127116	
Project Name: Ball H	Hill Wind Pro	oject		
Evaluator(s):	VIRTS N. 1	Dutcher		
County: Chautauqua			State: NY	
Stream Name: u	T. OF SI	Wer Crzek		
State Classified: Yes If Yes, Classific		× Not /	Applicable	
Lat: <u>42, 439573</u>		Long:	-79.130699	
	Hydrologic	c Characte	ristics	
Flow Regime: Perei	nnial 🗵	Intermitte	ent Ephermeral	
Surface Water:	Present	X	Absent	
Perceptible Flow:	Present	×.	Absent	
Water Depth at Thalweg	: <u> </u>	<u></u> We	tted Perimeter Width:	
Flow/Gradient Direction:	Nor	th		
Ge	omorpholo	gic Chara	cteristics	
Primary Substrate Cla	ss: <u>S'</u>	14		
	Wid	lth		
	at DP	Max		
OHWM	·Z'	N ⁻		
Top of Bank	ч′	5		
	Left	Right		
Bank Slope (H:V)	6": 5'	6":5'		
Bank Stability Summary				
Left Bank:		-	ted and very stable	
Right Bank: Bark is vegetated and very stable				
	Habitat	Characteri	stics	
Aquatic Vegetation Pres If Yes, Describe:	ent:	Yes		
Aquatic Organisms Obso If Yes, Describe:	erved:	Yes	No 🔽	
Terrestrial Organisms O If Yes, Describe:	bserved:	Yes		



Data Point ID:	DP - 719	
	Riparian	Characteristics
Riparian Vegetatior	n Description (0' t	o 150' from TOB):
Right:	- Power Ro	ous-heilsceans FACILItutive and
wette	er plants "wit	hin forst, shub and Tree spacies
Left:		·
V		
Associated Wetland		
		Yes No X
Associated Artificia If Yes, ID:	i Drain Present.	
		Photos
	Direction	Notes/Additional Description
Upstream	Ś	
Dowsnstream	2	
Cross Channel	<i>ن</i> نا	RTL
	Jurisdictional	Connectivity Notes:
<u></u>	· · · · · ·····-= · · · · · · · · ·	
	<u> </u>	
	Supplemental	Notes & Comments:
	<u></u>	
	<u>.,</u>	



Stream Field ID: STReam A537
Data Point ID: DP-747 Date: 61810
Project Name: Ball Hill Wind Project
Evaluator(s): B. Viers, N. Dutcher
County: Chautauqua State: NY
Stream Name: L.T. OF Silver Creek
State Classified: Yes No 🔀 Not Applicable
Lat: 42.437886 Long: -79.121326
Hydrologic Characteristics
Flow Regime: Perennial 🔀 Intermittent Ephermeral
Surface Water: Present X Absent
Perceptible Flow: Present × Absent
Water Depth at Thalweg (ft.): 26"
Wetted Perimeter Width (ft.): 2'
Flow/Gradient Direction: Enst / Northeast
Geomorphologic Characteristics
Geomorphologic Characteristics Primary Substrate Class: Gravel Silt
Primary Substrate Class: <u>Gravel Silt</u>
Primary Substrate Class: <u>Grevel</u> Site Width (ft.) at DP Max OHWM 2' 5'
Primary Substrate Class: <u>Grave 1 Silt</u> Width (ft.) at DP Max
Primary Substrate Class: $Grevel SiltWidth (ft.)Width (ft.)at DPMaxOHWM2'Top of Bank4'1z'$
Primary Substrate Class: $G_{Covel} = S_{1} + S_{2} + C_{2}$ Width (ft.) at DP Max OHWM $2' - 55'$ Top of Bank $\frac{U_{1}'}{U_{1}'} + \frac{U_{2}'}{U_{2}'}$ Bank Slope [Reported as % or Horizontal:Vertical(H:V)]: Left: $1' + 2 + 5'$
Primary Substrate Class: $G_{CV=1}$ Solution Width (ft.) at DP Max OHWM $2'$ 55' Top of Bank $4'$ 12' Bank Slope [Reported as % or Horizontal:Vertical(H:V)]:
Primary Substrate Class: $G_{Covel} = S_{1} + S_{2} + C_{2}$ Width (ft.) at DP Max OHWM $2' - 55'$ Top of Bank $\frac{U_{1}'}{U_{1}'} + \frac{U_{2}'}{U_{2}'}$ Bank Slope [Reported as % or Horizontal:Vertical(H:V)]: Left: $1' + 2 + 5'$
Primary Substrate Class: $Grevel Silt Width (ft.) at DP Max OHWM 2' 5' Top of Bank 4' 12' Bank Slope [Reported as % or Horizontal:Vertical(H:V)]: Left: 1': 2.5' Right: 1': 2.5' Bank Stability Summary $
Primary Substrate Class: $Gravel SiltWidth (ft.)at DPat DPMaxOHVM2'2'5'Top of Banki_1'i_1'i_2'Bank Slope [Reported as % or Horizontal:Vertical(H:V)]:Left:j' : 2.5'Right:1': 2.5'Bank Stability SummaryRight:5treambucks use heaving imported$
Primary Substrate Class: $Grevel Silt Width (ft.) at DP Max OHWM 2' 5' Top of Bank 4' 12' Bank Slope [Reported as % or Horizontal:Vertical(H:V)]: Left: 1': 2.5' Right: 1': 2.5' Bank Stability Summary $
Primary Substrate Class: <u>Gravel</u> <u>Silt</u> <u>Width (ft.)</u> <u>at DP Max</u> OHWM <u>2' 5'</u> Top of Bank <u>4' 12'</u> Bank Slope [Reported as % or Horizontal:Vertical(H:V)]: Left: <u>1': 2.5'</u> <u>Right: <u>1': 2.5'</u> <u>Bank Stability Summary</u> <u>Right: Stream bunks are heavily imported</u> <u>by livestock</u>, have vertice evolve parks, <u>ad are rearly void of Vegetation</u></u>
Primary Substrate Class: <u>Gravel Sitt</u> Width (ft.) at DP Max OHWM 2' 5' Top of Bank 4' 12' Bank Slope [Reported as % or Horizontal:Vertical(H:V)]: Left: 1': 2.5' Right: <u>1': 2.5'</u> Bank Stability Summary Right: <u>Stream bunks are heavily impacted</u> by livestock have vertice ending backs.
Primary Substrate Class: <u>Gravel Silt</u> Width (ft.) <u>at DP Max</u> OHVM <u>2' 5'</u> Top of Bank <u>4' 12'</u> Bank Slope [Reported as % or Horizontal: Vertical(H:V)]: Left: <u>1': 2.5'</u> Right: <u>1': 2.5'</u> Bank Stability Summary Right: <u>Stream backs are heavily impected</u> <u>by livestack</u> , have vertical evolution backs, <u>and are really void of Vegetation</u> Left: <u>Both Jeft and Right backs are very</u>



Data Point ID:	
Habitat C	haracteristics
Aquatic Vegetation Present: If Yes, Describe:	Yes No X
Aquatic Organisms Observed: If Yes, Describe:	Yes No x
Terrestrial Organisms Observed If Yes, Describe:	d: Yes No X
Riparian C	Characteristics
Riparian Vegetation Description Right: <u>0'-150'</u> Pact	(0' to 150' from TOB):
······	
Left: 0'-50' Act 50'-70' Di	into grazed posture
$\frac{50'-70'}{2}$	-+ Accoss Road
Associated Wetland Present:	Yes X No
Associated Artificial Drain Prese If Yes, ID:	ent: Yes Ҟ No
P	hotos
Direction	Notes/Additional Description
Upstream 5	
Dowsnstream N Cross Channel W	RTL
	Connectivity Notes:
<u>ounoncerne</u>	
Supplemental N	Notes & Comments:
	······



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Stream Field ID: 5	T-A538			
Data Point ID: DP	-750	Date:	6/8/16	
Project Name: Ba	I HILL Wind Pro	ject		
— • • • • •		Nicole T	Sutcher	
County: Chautan	sjua		State: <u>NY</u>	
Stream Name: /	unnamed t	- butery	to SilverLicek	
State Classified: Yes	Νο χ	🗌 Not År	oplicable 🔄	
If Yes, Classification:				
Lat: 42.44 73 05	<u></u>	Long:	79, 122.743	
	Hydrologic C	haracter	stics	
Flow Regime: Perennial X Intermittent Ephermeral				
Surface Water:	Present 🔀		Absent	
Perceptible Flow:	Present		Absent X	
Water Depth at Thalweg	: 4"	Wette	ed Perimeter Width: $\underline{\mathscr{Z}'}$	
Flow/Gradient Direction	_East		·	
G	omorphologic	c Charac	teristics	
Primary Substrate Cla			1 abbles	
• .	Width		• • •	
	at DP	Max	• •	
OHWM		8'		
Top of Bank		10'		
		Right		
Bank Slope (H:V)		*		
	Bank Stabil	ity Sumn	nary	
Left Bank:	Moderately :	stude, i	some fins stablinging bank	
bi	t some ensite			
Right Bank:		<u></u>		
Habitat Characteristics				
Aquatic Vegetation Pres	ent:	Yes [Νο	
Aquatic Organisms Obs If Yes, Describe:	erved:	Yes		
Terrestrial Organisms C If Yes, Describe:	bserved:	Yes [



Data Point ID: DP-750

	Riparian	Characteristics
Riparian Vegetation	n Description (0' t	to 150' from TOB):
Right: 0-10	Flood plain me	etland
10-150	s' Upland midei) deciduous conificous forest with understory
	Flood plan with	мб
5'-15	D' Upland mixe	ed deciduous Coniferous Forest w/ Understan
Associated Wetlan	d Present:	Yes X No
lf Yes, Descri	be: Wathing) A 548
Associated Artificia If Yes, ID:	I Drain Present:	Yes No 🗶
		Photos
	Direction	Notes/Additional Description
Upstream	Ŵ	
Dowsnstream	3	
Cross Channel	N	Rtr L
	Jurisdictional	Connectivity Notes:
	<u> </u>	
·		
	······································	
		Notes & Comments:
	within wetla	
grandwater c	lischarge (Wate	r present year round).
	<u> </u>	
	· · · · · · ·	
••••••••••••••••••••••••••••••••••••••		



Stream Field ID: ST - A \$39
Data Point ID: DP-761 Date: 0910
Project Name: Ball Hill Wind Project
Evaluator(s): Ben with and Neale Durchy
County: Chautauqua State: NY
Stream Name: U.T.OF Welnut Creek
State Classified: Yes No X Not Applicable
Lat: 42.47-8907 Long: -79.149567
Hydrologic Characteristics
Flow Regime: Perennial IntermittentEphermeral 📈
Surface Water: Present Absent X
Perceptible Flow: Present Absent X
Water Depth at Thalweg (ft.): <u>N/P</u>
Wetted Perimeter Width (ft.):
Flow/Gradient Direction: Norwwest
Geomorphologic Characteristics
Primary Substrate Class: <u>Sil+ Sume Cubbles</u>
Primary Substrate Class: <u>Silt Sume Cobbles</u>
Primary Substrate Class: <u>51+ Sume Cubbles</u> Width (ft.)
Primary Substrate Class: <u>51+ Sume Cubbles</u> Width (ft.) at DP Max
Primary Substrate Class: $Silt Sume CubblesWidth (ft.)at DPMaxOHWMN HN ATop of Bank3'0'$
Primary Substrate Class: <u>Silt Sume Cubbles</u> Width (ft.) at DP Max OHWM NIA
Primary Substrate Class: <u>Sit Sume Cobbles</u> Width (ft.) at DP Max OHWM NA Top of Bank 3' (0' Bank Slope [Reported as % or Horizontal:Vertical(H:V)]:
Primary Substrate Class: Site Sume Cubbles Width (ft.) at DP at DP Max OHWM NIA Top of Bank 3' 3' (o' Bank Slope [Reported as % or Horizontal:Vertical(H:V)]: Left: 1'.1 Right: 1'.1 Bank Stability Summary
Primary Substrate Class: <u>SIT Sume Cobbles</u> Width (ft.) at DP Max OHWM NIA NIA Top of Bank <u>3' (p'</u> Bank Slope [Reported as % or Horizontal:Vertical(H:V)]: Left: <u>1'.1</u> Right: <u>1'.1</u> Bank Stability Summary Right: <u>Summary Stable</u> , son parts but edidence of
Primary Substrate Class: $3/4$ Sume Cobbles Width (ft.) at DP Max OHWM $N H$ $N A$ Top of Bank $3'$ $0'$ Bank Slope [Reported as % or Horizontal:Vertical(H:V)]: Left: $1'.1$ Right: $1'.1$
Primary Substrate Class: <u>Silt Sume Cobbles</u> <u>Width (ft.)</u> <u>at DP Max</u> OHWM <u>NIA NIA</u> Top of Bank <u>3' (o'</u> Bank Slope [Reported as % or Horizontal:Vertical(H:V)]: Left: <u>1'.1</u> Right: <u>1'.1</u> <u>Bank Stability Summary</u> Right: <u>Summary but edvidence of</u> <u>erossion and undecutting during high flue</u>
Primary Substrate Class: <u>SIT Sume Cobbles</u> Width (ft.) at DP Max OHWM NIA NIA Top of Bank <u>3' (p'</u> Bank Slope [Reported as % or Horizontal:Vertical(H:V)]: Left: <u>1'.1</u> Right: <u>1'.1</u> Bank Stability Summary Right: <u>Summary Stable</u> , son parts but edidence of
Primary Substrate Class: <u>Silt Sume Cobbles</u> <u>Width (ft.)</u> <u>at DP Max</u> OHWM <u>NIA NIA</u> Top of Bank <u>3' (o'</u> Bank Slope [Reported as % or Horizontal:Vertical(H:V)]: Left: <u>1'.1</u> Right: <u>1'.1</u> <u>Bank Stability Summary</u> Right: <u>Summary but edvidence of</u> <u>erossion and undecutting during high flue</u>



Data Point ID: DP-761

	Habitat Cha	aracteri	stics	
Aquatic Vegetation If Yes, Descri	1 A.	Yes	NoX	
Aquatic Organisms If Yes, Descri		Yes	NoX	
Terrestrial Organis If Yes, Descri		·Yes]
	Riparian Ch	aracteri	stics	
Riparian Vegetation Right: <u>O- 150</u> <u>he</u>	e a ser d'ar anna a' fha an an a' fhair a' fhair a	www For	rest Second	ory growth,
	Deciduars/6 - Cultivento			+, little Understan
Associated Wetland If Yes, ID:	d Present:	Yes	No	
Associated Artificia If Yes, ID:	l Drain Presen	t: Yes	Νοχ]
	Pho	otos		
	Direction	Note	s/Additional I	Description
Upstream	S W		e de la composición d Esta de la composición	
Dowsnstream Cross Channel	S	RTOL		
	isdictional Co			
			· · · · · · · · · · · · · · · · · · ·	······································
			. · ·	*************************************
Sup	plemental No	ites & C	omments:	
	· · · · · · · · · · · · · · · · · · ·			
<u></u>	······			



Stream Field ID: Stream ST-A540
Data Point ID: DP-762 Date: 0910
Project Name: Ball Hill Wind Project
Evaluator(s): Ben Virts and Nicole Dutcher
County: Chautauqua State: NY
Stream Name: UT. of Walput Creek
State Classified: Yes No Not Applicable If Yes, Classification:
Lat: 42.479370 Long: -79.149120
Hydrologic Characteristics
Flow Regime: Perennial 🔀 Intermittent Ephermeral 🦳
Surface Water: Present 🔀 Absent
Perceptible Flow: Present 🔀 Absent
Water Depth at Thalweg (ft.): <u>3"</u>
Wetted Perimeter Width (ft.):
Flow/Gradient Direction:
Geomorphologic Characteristics
Geomorphologic Characteristics
Geomorphologic Characteristics Primary Substrate Class: <u>Belock</u>
Geomorphologic Characteristics Primary Substrate Class: <u>Belnek</u> Width (ft.)
Geomorphologic Characteristics Primary Substrate Class: Belock Width (ft.)
Geomorphologic Characteristics Primary Substrate Class: Bel rock Width (ft.) Width (ft.) at DP Max OHWM 3'
Geomorphologic Characteristics Primary Substrate Class: Belnek Width (ft.) Width (ft.) at DP Max OHWM 3' 6' Zo', 4o' 3'
Geomorphologic Characteristics Primary Substrate Class: Bel rock Width (ft.) Width (ft.) at DP Max OHWM 3' 6' Zor 40' 3' Bank Slope [Reported as % or Horizontal:Vertical(H:V)]: State of the state o
Geomorphologic Characteristics Primary Substrate Class: Bedrock Width (ft.) Width (ft.) at DP Max OHVVM 3' 6' Joint DP Max Max OHVM 3' 6' Joint DP 902 Max Bank Stability Summary Bank
Geomorphologic Characteristics Primary Substrate Class: Belnek Width (ft.) Width (ft.) at DP Max OHWM 3' 6' Top of Bank 20' 40' Bank Slope [Reported as % or Horizontal:Vertical(H:V)]: Left: 902 Bank Stability Summary Bank Stability Summary Right: 902 Geogratic day Stople
Geomorphologic Characteristics Primary Substrate Class: Belnet Width (ft.) at DP Max OHWM 3' 6' Top of Bank 20' 40' Bank Slope [Reported as % or Horizontal:Vertical(H:V)]: Left: 902 Right: 902 Bank Stability Summary Right: 902 Bank Stability Summary
Geomorphologic Characteristics Primary Substrate Class: Bebrock Width (ft.) at DP Max OHWM 3' 6' Jop of Bank 20' 40' Jop of Bank 20' 40' Jop of Bank 20' 40' Bank Slope [Reported as % or Horizontal: Vertical(H:V)]: Left: 902 Right: 902 Bank Stability Summary Right: Moderator Stable Actep Channel God very Steep drop off
Geomorphologic Characteristics Primary Substrate Class: Belnet Width (ft.) at DP Max OHWM 3' 6' Top of Bank 20' 40' Bank Slope [Reported as % or Horizontal:Vertical(H:V)]: Left: 902 Right: 902 Bank Stability Summary Right: 902 Bank Stability Summary
Geomorphologic Characteristics Primary Substrate Class: Bebrock Width (ft.) at DP Max OHWM 3' 6' Jop of Bank 20' 40' Jop of Bank 20' 40' Jop of Bank 20' 40' Bank Slope [Reported as % or Horizontal: Vertical(H:V)]: Left: 902 Right: 902 Bank Stability Summary Right: Moderator Stable Actep Channel God very Steep drop off
Geomorphologic Characteristics Primary Substrate Class: Bebrock Width (ft.) at DP Max OHWM 3' 6' Jop of Bank 20' 40' Jop of Bank 20' 40' Jop of Bank 20' 40' Bank Slope [Reported as % or Horizontal: Vertical(H:V)]: Left: 902 Right: 902 Bank Stability Summary Right: Moderator Stable Actep Channel God very Steep drop off



Data Point ID:	762
	Habitat Characteristics
Aquatic Vegetation If Yes, Descri	Present: Yes No X
Aquatic Organisms If Yes, Descri	
Terrestrial Organis If Yes, Descri	
	Riparian Characteristics
Riparian Vegetation	n Description (0' to 150' from TOB):
Right: $O' - 1$	
<u> </u>	ifers, little understay and ground cover
Left: 01-154	- Upland deciduous Forest a few curifiers (Henlock)
	n, little underston and ground cover
a a construction and a construction of the second second second second second second second second second secon Second second second Second second	
Associated Wetland If Yes, ID:	d Present: YesNo[χ_
	I Drain Present: Yes ── No X
If Yes, ID:	
If Yes, ID:	Photos
If Yes, ID:	Direction Notes/Additional Description
Upstream	Direction Notes/Additional Description £
Upstream Dowsnstream	Direction Notes/Additional Description <u>そ</u> い
Upstream Dowsnstream Cross Channel	Direction Notes/Additional Description £
Upstream Dowsnstream Cross Channel	Direction Notes/Additional Description を い S RTL
Upstream Dowsnstream Cross Channel Jur	Direction Notes/Additional Description を い S RTL
Upstream Dowsnstream Cross Channel Jur	Direction Notes/Additional Description を い S RTL
Upstream Dowsnstream Cross Channel Jur	Direction Notes/Additional Description E い S RTL isdictional Connectivity Notes:
Upstream Dowsnstream Cross Channel Jur	Direction Notes/Additional Description E い S RTL isdictional Connectivity Notes: oplemental Notes & Comments:
Upstream Dowsnstream Cross Channel Jur - Vay Jago, per	Direction Notes/Additional Description E い S RTL isdictional Connectivity Notes:
Upstream Dowsnstream Cross Channel Jur Jur – Vay Jago, Per Honghart, Duncy Ploew	Direction Notes/Additional Description E W S RTL isdictional Connectivity Notes: plemental Notes & Comments: renial Channel with Son yland islands events have scars bedrack on banks.
Upstream Dowsnstream Cross Channel Jur Jur - Vary Jago, per Horoghaft, During Flow Stream has go of	Direction Notes/Additional Description E W S RTL isdictional Connectivity Notes: plemental Notes & Comments: regial Channel with Som yellow islands regial Channel with Som yellow islands events wate Scars bedrack on banks; revents wate Scars bedrack on banks;
Upstream Dowsnstream Cross Channel Jur Jur - Vay lago, per Throughast, Dung Flow Stream has go a grad remne	Direction Notes/Additional Description E W S RTL isdictional Connectivity Notes: plemental Notes & Comments: regial Channel with Som yeland islands events water Scairs bedraken banks, regial Channel with Som yeland islands events water Scairs bedraken banks, regial large area, bakis about 20' wide but som is a total of about 60' including Flass plain
Upstream Dowsnstream Cross Channel Jur Jur - Vary lago, per Throughast, Duncy Flow - Stream has go a gract renne of - 902 Dank Jloge	Direction Notes/Additional Description E W S RTL isdictional Connectivity Notes: plemental Notes & Comments: renial Channel with Som yeland islands events have scairs bedraken banks; rended lage, area, backis about 20' wide but area js a total of about 60' including Flassplain at dwa point, slove toms into more of 457. Styre
Upstream Dowsnstream Cross Channel Jur Jur - Vay lago, per Throughast, Dur og Flow - Stream has go o Grach rowne - 902 Dank Jloge up and dom Stre SHIL about 20	Direction Notes/Additional Description E W S RTL isdictional Connectivity Notes: plemental Notes & Comments: renial Channel with Som yeland islands events water Scairs bedraken banks; revents of about of about 60° including Flass pkin at dwa point, Slupe terms in & more of 457 Styre en of daw point but bank vertick height is



Stream Field ID: ST-AS41	
Data Point ID: DP-765 Date: 6916	
Project Name: Ball Hill Wind Project	
Evaluator(s): Bon Virts and Nicch Dutcher	
County: <u>Chautauqua</u> State: <u>NY</u>	
Stream Name: h.T. of Welnut Creeke	
State Classified: Yes No X Not Applicable	
Lat: 42.481276 Long: -79,149353	
Hydrologic Characteristics	
Flow Regime: Perennial Intermittent Ephermeral X	
Surface Water: Present Absent X	
Perceptible Flow: Present Absent X	
Water Depth at Thalweg (ft.): <u>NA</u>	
Wetted Perimeter Width (ft.): <u>N/A</u>	
Flow/Gradient Direction:	
Geomorphologic Characteristics	
Primary Substrate Class: <u>Silt grand</u> , Contale	
Width (ft.)	
at DP Max	
OHWM Network '7'	
Top of Bank 7' 9'	
Bank Slope [Reported as % or Horizontal:Vertical(H:V)]:	
Left:	
Right:	
Bank Stability Summary	
Right: <u>evidence of erosizing sloughing and</u>	
Undercutting at mander paints, little ground three	
Vegetation to stabilize back	
Vegetation to stabilize back	
Vegetation to stabilize back	

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Data Point ID:	765	
	Habitat Ch	aracteristics
Aquatic Vegetation If Yes, Descrit		Yes No
Aquatic Organisms If Yes, Descrit		Yes No X
Terrestrial Organisr If Yes, Descrit		Yes No
	Riparian Ch	aracteristics
		0' to 150' from TOB): <u>deciduous Secondary growth</u> ty Acc Saccharon
Left: 0-150'	- Upland o decidious	Mileed Confrons (E. Hemilock) - (Nellow Birch)
Associated Wetland If Yes, ID:	I Present:	Yes No 🔀
Associated Artificial If Yes, ID:	Drain Presen	nt: Yes Νο 🗶
	Pho	Dtos
	Direction	Notes/Additional Description
Upstream	Ē	
Dowsnstream	W	
Cross Channel	<u>S</u>	PtoL
Juri	sdictional Co	onnectivity Notes:
Sup	plemental No	otes & Comments:
		····
	<u> </u>	



Stream Field ID: ST - A542
Data Point ID: <u>DP-766</u> Date: <u>ماها DP-766</u>
Project Name: Ball Hill Wind Project
Evaluator(s): Ben Virts and Nicole Durcher
County: Chautauqua State: NY
Stream Name: <u>h.T. of welnut Creek</u>
State Classified: Yes No 🗙 Not Applicable
Lat: 42.482581 Long: -79,149368
Hydrologic Characteristics
Flow Regime: Perennial Intermittent Ephermeral 🔀
Surface Water: Present Absent
Perceptible Flow: Present Absent X
Water Depth at Thalweg (ft.): <u>N/A</u>
Wetted Perimeter Width (ft.): N/A
Flow/Gradient Direction: North
Geomorphologic Characteristics
Primary Substrate Class: Site nuc
VVidth (ft.)
at DP Max
OHWM <u>3'</u> <u>3</u> *
Top of Bank 5′ 7'
Bank Slope [Reported as % or Horizontal:Vertical(H:V)]:
Left: <u> </u>
Right:1', 1
Bank Stability Summary
Right: Stable at data point and upstream, becomes
very steep harry vertice banks downstream and off site.
Left: Same as above T
LUIL CRIPE as CAUNT I



Data Point ID	766
	Habitat Characteristics
Aquatic Vegetation	
Aquatic Organism If Yes, Desci	in the second
Terrestrial Organis If Yes, Descr	
	Riparian Characteristics
Right: 0-15	on Description (0' to 150' from TOB): D' - Deciduous hordows Forest, buger mople, yellow birch and she hark hickory
Left:	Same as above 1
Associated Wetlar If Yes, ID:	nd Present: Yes No X
Associated Artificia If Yes, ID:	al Drain Present: Yes No 🔀
	Photos
	Direction Notes/Additional Description
Upstream Dowsnstream	NI CONTRACTOR
Cross Channel	ERPL
յել	risdictional Connectivity Notes:
Epheneral St	rom within study area, turns into intermittent
<u>Channel</u> of	f-site, & Flaving toward stream AS40.
Su	oplemental Notes & Comments:

۲. بینده، میکند، میکند، ایکنده، میکند، ایکنده، ایکنده، ایکنده، ایکنده، ایکنده، ایکنده، ایکنده، ایکنده، ایکنده، ای	
······	



Stream Field ID: ST-A543
Data Point ID: DP-707 Date: 41010
Project Name: Ball Hill Wind Project
Evaluator(s): Ban Vins and Nicde Outsher
County: Chautauqua State: NY
Stream Name: Unnamed Tributary of Welphat Creek
State Classified: Yes No 🗶 Not Applicable If Yes, Classification:
Lat: 42.483904 Long: -79.149354
Hydrologic Characteristics
Flow Regime: Perennial Intermittent X Ephermeral
Surface Water: Present Absent
Perceptible Flow: Present Absent X
Water Depth at Thalweg (ft.): <u>NA</u>
Wetted Perimeter Width (ft.):
Flow/Gradient Direction: North
Geomorphologic Characteristics
Primary Substrate Class: <u>Rock</u>
Width (ft.)
at DP Max
OHWM - 4' - 5'
Top of Bank <u>υ'</u>
Bank Slope [Reported as % or Horizontal:Vertical(H:V)]:
Right:
Bank Stability Summary
Right: Slightly Stable, bedrick and roots holding it up
but might scaring and undercutting at meandering paints
Left: <u>Sam as above</u> T

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Stream Data Form

Data Point ID:	767			
	Habitat Cha	iracteri:	stics	
Aquatic Vegetation If Yes, Describ		Yes	Nox	
Aquatic Organisms If Yes, Describ		Yes	No	
Terrestrial Organisn If Yes, Describ				
	Riparian Ch	aracteri	stics	
Riparian Vegetation Right: <u>0-150′</u> <u>Canor</u>	- Deciduou	is hard		
Left:	Som as slope up		r = 1	<u>ر</u> ه ا
Associated Wetland If Yes, ID:	Present:	Yes	NoX	ana ing kanalan ing kanalan Pangalan Pangalan
Associated Artificial If Yes, ID:	Drain Presen	t: Yes		
	Pho	tos		
	Direction	Note	s/Additional D	escription
Upstream	S			
Dowsnstream	N			
Cross Channel	<u> </u>	RAL		
Juri	sdictional Co	nnectiv	Ity Notes:	
Deep chom mojur tums	olemental No <u>با به streer</u> ع ارد سا)		Invial Fons	porit
About 3 (s	Sén vausity)	bend	e in 100'	

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Stream Field ID: AS44
Data Point ID: DP-770 Date: 6/10/16
Project Name: Ball Hill Wind Project
Evaluator(s): Ben Vires and Nicele Dutyte
County: Chautauqua State: NY
Stream Name: Unnamed Tributon of Willow Creek
State Classified: Yes No 🗙 Not Applicable
Lat: 42.484673 Long: -79.149581
Hydrologic Characteristics
Flow Regime: Perennial Intermittent Ephermeral 🗙
Surface Water: Present Absent X
Perceptible Flow: Present Absent 🔀
Water Depth at Thalweg (ft.): <u>N/A</u>
Wetted Perimeter Width (ft.): <u>N(A</u>
Flow/Gradient Direction:
Geomorphologic Characteristics
Width (ft.)
Top of Bank $2'$ $3'$
Bank Slope [Reported as % or Horizontal:Vertical(H:V)]:
Left: <u>\`\</u>
Right: <u>\`\</u>
Bank Stability Summary
Right: Very stabu, bank slyre about 45% with not a
high back back Stabilized by herbacour vegetation
Left: Same as above 1
an a



Data Point ID:	770		
	Habitat Cha	aracteris	tics
Aquatic Vegetation If Yes, Descri	Present:	Yes	
Aquatic Organisms If Yes, Descri		Yes	Νο
Terrestrial Organis If Yes, Descri	ms Observed: be: <u>B∿d</u> s		X No
	Riparian Ch	aracteri	stics
Riparian Vegetation	n Description (0' to 150	' from TOB):
Right: 0-150	Deciduou	5 hardwa	id Forest, with little
Shru	5/Sents loy	v but	60% gnound cover
	<u> </u>		
Left:	Som	or ab	ove T
د. المحمد المحمد الم			
Associated Wetland If Yes, ID:	d Present:	Yes А७46	ΧΝο
Associated Artificia If Yes, ID:	l Drain Presen	t: Yes	
	Pho	otos	
	Direction	Notes	Additional Description
Upstream	5	· · · · · · · · · · · · · · · · · · ·	
Dowsnstream	N		
Cross Channel	W	RtoL	
			ity Notes:
<u>Zpheneal</u> O	all runk it	D wet	1000 Ale40 that
Inhirt offs	the Most 1	<u>D OF</u>	ikh along rail read brains to perennial stream
to the west		~ ~ ~ ~	

Supplemental Notes & Comments:



Stream Field ID: A 545
Data Point ID: DP-771 Date: (010/10
Project Name: Ball Hill Wind Project
Evaluator(s): Ben Virts and Nicole Dutcher
County: Chautauqua State: NY
Stream Name: Unnemed tributory of Welnut Creek
State Classified: Yes No No Not Applicable
Lat: 47.485990 Long: ~79.149661
Hydrologic Characteristics
Flow Regime: Perennial Intermittent Ephermeral
Surface Water: Present 🔀 Absent
Perceptible Flow: Present Absent X
Water Depth at Thalweg (ft.): $(g''(O, Sfr))$
Wetted Perimeter Width (ft.): <u>3</u> ′
Flow/Gradient Direction: North
Geomorphologic Characteristics
Primary Substrate Class: <u>Sit Cobdes grant</u>
Width (ft.)
Width (ft.) at DP Max
Width (ft.) at DP Max OHWM <u>3'</u>
Width (ft.) at DP Max OHWM 3' 4' Top of Bank 4'
Width (ft.) at DP Max OHWM 3' 4' Top of Bank 4' 6' Bank Slope [Reported as % or Horizontal:Vertical(H:V)]:
$\begin{array}{c c} \hline & & & & \\ \hline \hline & & & \\ \hline \hline & & & \\ \hline \hline \\ \hline & & & \\ \hline \hline & & & \\ \hline \hline \\ \hline & & & \\ \hline \hline \\ \hline & & & \\ \hline \hline \hline \\ \hline \hline \\ \hline \hline \\ \hline \hline \hline \\ \hline \hline \\ \hline \hline \hline \\ \hline \hline \hline \\ \hline \hline \hline \hline \\ \hline \hline \hline \hline \hline \\ \hline \hline$
$\begin{array}{c c} & & & & & \\ \hline Width (ft.) \\ \hline at DP & Max \\ \hline OHWM & 3' & 4' \\ \hline Top of Bank & 4' & 6' \\ \hline Bank Slope [Reported as % or Horizontal:Vertical(H:V)]: \\ Left: & 1:2 \\ \hline Right: & 1:3 \\ \hline \end{bmatrix}$
Width (ft.) at DP Max OHWM 3' 4' 4' 6' Bank Slope [Reported as % or Horizontal:Vertical(H:V)]: Left: Left: 1'2 Right: 1'3 Bank Stability Summary
Width (ft.) at DP Max OHWM 3' 4' bank 4' 6' Bank Slope [Reported as % or Horizontal:Vertical(H:V)]: Left: 1'.2 Right: 1'.3 Bank Stability Summary Right: Moderately Stable, Som ension due to ball slope
Width (ft.) at DP Max OHWM 3' Y' Top of Bank Y' Bank Slope [Reported as % or Horizontal:Vertical(H:V)]: Left: 1'.2 Right: 1'.3 Bank Stability Summary Right: Moderately Stable, Som ension due to back slope Gro height, no real herbacar Veg holding Substrate
Width (ft.) at DP Max OHWM 3' 4' bank 4' 6' Bank Slope [Reported as % or Horizontal:Vertical(H:V)]: Left: 1'.2 Right: 1'.3 Bank Stability Summary Right: Moderately Stable, Som ension due to ball slope
Width (ft.) at DP Max OHWM 3' Y' Jop of Bank Y' Generation Bank Slope [Reported as % or Horizontal:Vertical(H:V)]: Left: 1'.2 Right: 1'.3 Bank Stability Summary Right: Moderately Stable, Som ension due to ball slope Grow height, no real herbacan veg holding Substrate extrace of undercutting at meaner point
Width (ft.) at DP Max OHWM 3' Y' Jop of Bank Y' Generation Bank Slope [Reported as % or Horizontal:Vertical(H:V)]: Left: 1'.2 Right: 1'.3 Bank Stability Summary Right: Moderately Stable, Som ension due to ball slope Grow height, no real herbacan veg holding Substrate extrace of undercutting at meaner point



Data Point ID:	771	_ ²			
	Habitat Ch	aracteris	tics		
Aquatic Vegetation Pr If Yes, Describe:		Yes			· · · · · · · · · · · · · · · · · · ·
Aquatic Organisms Ol If Yes, Describe:		Yes	No No	X	· ·
Terrestrial Organisms If Yes, Describe:			X No		
R	liparian Ch	aracteri	stics	and the second se	$\tilde{\mathcal{L}}_{1,\tilde{\lambda}}$
Riparian Vegetation D Right: <u>0' - \ 55 '</u>					
Left: <u>6'-\50'</u>	- Decid	vous l	rardwood	Forest	
Associated Wetland P If Yes, ID:	resent:	Yes	No		
Associated Artificial Di If Yes, ID:	rain Preser	nt: Yes	No [)∕		
	Pho	otos			
the second second	Direction	Notes	/Additiona	I Descrip	tion
Upstream	S		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		
Dowsnstream	N				
Cross Channel	W	Rto	L		
Jurisd	ictional Co	onnectiv	ity Notes:		
Epremeral ups Internitetent (m date		202	
			······		



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Stream Field ID: A 546
Data Point ID: DP-772 Date: UIIJIO
Project Name: Ball Hill Wind Project
Evaluator(s): Ben Virts and Nicole Dutcher
County: Chautauqua State: NY
Stream Name: Unnamed tributors of Wannt Great
State Classified: Yes No X Not Applicable
Lat: <u>42.487339</u> Long: <u>-79,149348</u>
Hydrologic Characteristics
Flow Regime: Perennial Intermittent X Ephermeral
Surface Water: Present X Absent
Perceptible Flow: Present Absent X
Water Depth at Thalweg (ft.):0.25 /
Wetted Perimeter Width (ft.):
Flow/Gradient Direction:Nort
Geomorphologic Characteristics
Primary Substrate Class: <u>Silt Clay + cobbles</u> green
Width (ft.)
at DP Max OHWM 역성 62
Top of Bank $5'$ $8'$
Bank Slope [Reported as % or Horizontal:Vertical(H:V)]:
Left: 1,3
Right: 1:3
Bank Stability Summary
Right: Moderately stable, Mostly Nell layers and some
Nots preventing ension, serieous undercutting @
monder points du to steep gradient
Left: Sonc as above 91



Data Point ID:	772			•
	Habitat Ch	aracteristic	S	
Aquatic Vegetation If Yes, Descrit		Yes [No X	
Aquatic Organisms If Yes, Descrit		Yes [No	
Terrestrial Organisr If Yes, Descrit	n	Yes [rds	X No	
	Riparian Ch	aracteristi	CS	
Riparian Vegetation Right:	a presidente de la companya de la co	· · ·	-	
Left: Ocu	duous has	elvered!	p)rest	
Associated Wetland If Yes, ID:	l Present:	Yes [] A 641	K No	
Associated Artificial If Yes, ID:	Drain Presen	t: Yes [NoX	
	Pho	otos		
	Direction	Notes/A	dditional Des	scription
Upstream	5			
Dowsnstream Cross Channel	12	RpcL	aran Arang	
	sdictional Co		Notes:	
· · · · · · · · · · · · · · · · · · ·				· · · · · · · · · · · · · · · · · · ·
**************************************				<u></u>
	• • • • • • • • • • • • •			
Sup	plemental No	ites & Con	nments:	
				<u></u>



Stream Field ID: STREAM A547
Data Point ID: DP-781 Date: 6122116
Project Name: Ball Hill Wind Project
Evaluator(s): B.V. RTS, J. Scuder
County: Chautauqua State: NY
Stream Name: U. T. of Silver Creek
State Classified: Yes 🔀 No 🔄 Not Applicable
Lat: 42.5683579 Long: -79.1580228
Hydrologic Characteristics
Flow Regime: Perennial Intermittent 🔀 Ephermeral
Surface Water: Present Absent X
Perceptible Flow: Present Absent X
Water Depth at Thalweg (ft.): NA
Wetted Perimeter Width (ft.):
Flow/Gradient Direction: South
Geomorphologic Characteristics
Primary Substrate Class: <u>S; 14) clay</u>
Width (ft.)
at DP Max
OHWM 5' 6'
Top of Bank 11' 13'
Bank Slope [Reported as % or Horizontal:Vertical(H:V)]:
Left: <u>3: Z</u>
Right: <u>3:2</u>
Bank Stability Summary
Right: Bark is Fully vegetited and stable
<u> </u>
Left: Same as Right Bank



Data Point ID:	DP-781			
	Habitat Cha	aracteristic	S and a state of the	
Aquatic Vegetation If Yes, Describ		Yes	No	
Aquatic Organisms If Yes, Describ		Yes 🗌	No	
Terrestrial Organisn If Yes, Describ		Yes 🗌	No	
	Riparian Ch	aracteristic	S	
Riparian Vegetation				n ng Ca
Right: <u>o'-s'</u>				
	nlos and t			
			•	
	e os Rigr	T GAIL	anta de la composition Antas de la composition	
Associated Wetland If Yes, ID:		Yes 🗡 - 19593 car	NO	con attrite
Associated Artificial If Yes, ID:	Drain Presen		NoX	<u></u>
	Drain Presen Pho	t: Yes 🗌		
		t: Yes tos		
If Yes, ID: Upstream	Pho	t: Yes tos] No 🔀	
If Yes, ID: Upstream Dowsnstream	Pho Direction N S	t: Yes tos Notes/Ac] No 🔀	
If Yes, ID: Upstream Dowsnstream Cross Channel	Pho Direction N S E	t: Yes tos Notes/Ac] No [★] Iditional Desc	
If Yes, ID: Upstream Dowsnstream Cross Channel	Pho Direction N S	t: Yes tos Notes/Ac] No [★] Iditional Desc	
If Yes, ID: Upstream Dowsnstream Cross Channel	Pho Direction N S E	t: Yes tos Notes/Ac] No [★] Iditional Desc	
If Yes, ID: Upstream Dowsnstream Cross Channel	Pho Direction N S E	t: Yes tos Notes/Ac] No [★] Iditional Desc	
If Yes, ID: Upstream Dowsnstream Cross Channel	Pho Direction N S E	t: Yes tos Notes/Ac] No [★] Iditional Desc	
If Yes, ID: Upstream Dowsnstream Cross Channel Juris	Pho Direction N S E sdictional Co	t: Yes otos Notes/Ac LT₽- nnectivity] No [×] Iditional Desc Notes:	
If Yes, ID: Upstream Dowsnstream Cross Channel Juris	Pho Direction N S E	t: Yes otos Notes/Ac LT₽- nnectivity] No [×] Iditional Desc Notes:	
If Yes, ID: Upstream Dowsnstream Cross Channel Juris	Pho Direction N S E sdictional Co	t: Yes otos Notes/Ac LT₽- nnectivity] No [×] Iditional Desc Notes:	
If Yes, ID: Upstream Dowsnstream Cross Channel Juris	Pho Direction N S E sdictional Co	t: Yes otos Notes/Ac LT₽- nnectivity] No [×] Iditional Desc Notes:	
If Yes, ID: Upstream Dowsnstream Cross Channel Juris	Pho Direction N S E sdictional Co	t: Yes otos Notes/Ac LT₽- nnectivity] No [×] Iditional Desc Notes:	



Stream Field ID: ST- A700	
Data Point ID: DP-794 Date: 4/4/17	
Project Name: Ball Hill Wind Project	
Evaluator(s): B. Virts and N. Outcher	
County: Chautauqua State: NY	
Stream Name: Unnamed Tributary to Walnut Creek	(Class C(C))
State Classified: Yes No X Not Applicable	
Lat: 42.478558 Long: -79,156846	
Hydrologic Characteristics	
Flow Regime: Perennial Intermittent X Ephemeral	
Surface Water: Present X Absent	
Perceptible Flow: Present X Absent	
Water Depth at Thalweg: b''	
Wetted Perimeter Width:	
Flow/Gradient Direction:	
Geomorphologic Characteristics	
Primary Substrate Class: about, gravel, silt	
Width (ft.)	
at DP Max	
OHWM 3' 4'	
Top of Bank 8' IU'	
Bank Slope [Reported as % or Horizontal:Vertical(H:V)]:	
Left: 14	
Right: 1.2	
Bank Stability Summary	
Right: Rock/gravel sliding down bank into stream bed	
from grovel read, Little vegetation helding	
bank up.	
Left: Moderase - some rick sliding and Undercutting	
streng bank of 1414 herbacous vagetaken	



Data Point ID: DP- 794

	Habitat Cha	aracteri	stics
	egetation Present: s, Describe:	Yes	
	rganisms Observed: s, Describe:	Yes	NoX
	Organisms Observed: s, Describe:	Yes	NoX
	Riparian Ch	aracter	ristics
	egetation Description	•	
Left:	Deciduour horduce	d fore	st - Briendary Julieisian
If Ye Associate	d Wetland Present: s, ID: d Artificial Drain Prese s, ID: <u>A0-</u> A	nt: Ye	
Juris	dictional Connectivit	ty/Supp	lemental Comments:
Culle	n Stats at top m Stats at top eA A704 Offsit site.	of hi	Tean. 11 and flows through Large gerennial Stream

Appendix C



Ditch	n Fiel	d ID:	OT-A	1200			
Data	Poin	t ID:	DP- 23	+3	Date:	5/24/1	6
Proje			Ball Hill			2	
Evalu				SILO	5		
Coun	ity:	Chautau	iqua			State:	NY
Juris	dictio	nal:	Yes >	🔨 No [
Lat:	42.	42024	17		Long:	- 79.13.	5834
			Jurisdie		Determinat		
Yes	No			Ju	risdictiona	I Attribut	9
7		-			k Present		
X					Mark Prese		
×							al Navigable Water
				-			Least 1 of 5 Below)
X			esence o ater	f Relativ	ely Perman	ent Flowir	ng or Standing
	-			tream T	hat Has Be	en Altered	
-	_	1					
	c) Excavated in a Jurisdictional WOTUS d) Connects Two or More Jurisdictional WOTUS						
		/					vetlands) into the
			utary sys			ioidanig i	
			H	ydrolog	ic Characte	eristics	
Surfa	ice W	/ater:	F	Present		Absent	×
Perce	entibl	e Flow:	F	Present		Absent	\checkmark
		oth at Th		NA	Wet		eter Width: w/n
		lient Dire			auth		
			Geon	norphol	ogic Chara	cteristics	5
Prima	ary S	ubstrate	Class:				
				Wio	dth		
				at DP	Max		
		OF	WM 📿	7.5'	2.5		
		Top of E	3ank 🗌	3'	4,5'		
				Left	Right		
	Bar	nk Slope	(H:V)	:3	1:3		
				Bank St	ability Sun	nmary	
		Left E	Bank: <u>ි</u>	state	abolize	1	
					-	1	
		Right I	3ank: <u></u> ി	a tor	labalis	d	



Data Point ID: DP- 22-3

Aquatic Vegetation Pre If Yes, Describe: Aquatic Organisms Ob If Yes, Describe: Terrestrial Organisms O If Yes, Describe:	served:	Yes Yes Yes		No 🔀
If Yes, Describe: Terrestrial Organisms (No
	Observed:	Yes	-	
	-	1.04		No 🔀
	Riparia	n Charac	teristic	S
Left: <u>Dartul</u> Associated Wetland Pr If Yes, Describe: Associated Artificial Dra	esent:	Yes _	1, Ja 1, Ja 1 No	Yes No X
If Yes, ID:	Salter Ver	Photos	1.1.1.1	45.5
		FIIOLOS		
	Direction	-		Description
Upstream N Dowsnstream S				
Cross Channel	,	0 +	0	
	V	La ro	12	
OA hind 1	upplement	D	s com	AL 0.1 . I
to drain adre ST-Azoz Rel	through a cont h	Lefen	et d	Connects with



Ditch Fie	Id ID: Ditch-G1
Data Poir	
Project N	
Evaluator	
	Chautauqua State: NY
Jurisdictio	
Lat: <u>42</u>	Long: -79,164061
	Jurisdictional Determination Criteria
Yes No	Jurisdictional Attribute
×	1) Defined Bed and Bank Present
×	2) Ordinary High Water Mark Present
X	3) Direct or Indirect Connection to a Traditional Navigable Water
	4) Supplementing Attributes (Must Satisfy At Least 1 of 5 Below)
X	a) Presence of Relatively Permanent Flowing or Standing Water
	b) A Natural Stream That Has Been Altered
	c) Excavated in a Jurisdictional WOTUS
	d) Connects Two or More Jurisdictional WOTUS
	e) Drains Natural Water Bodies (including wetlands) into the
X	tributary system of a TNW
	Hydrologic Characteristics
Surface V	Vater: Present 🗡 Absent
Perceptib	le Flow: Present X Absent
A STATE OF COMPANY AND A STATE	pth at Thalweg: /" Wetted Perimeter Width: / (2 - 2 0
Flow/Grad	dient Direction: N
	Geomorphologic Characteristics
Primary S	ubstrate Class:
	Width
	at DP Max
	OHWM 7' 7'
	Top of Bank 9' 9'
	Left Right
Bar	nk Slope (H:V) 1:3 1:1
	Bank Stability Summary
	Left Bank: Stable
	Right Bank: Stable



Data Point ID: DP- 237

	Habita	t Characteristics
Aquatic Vegetation F If Yes, Describ		Yes X No and C, amense
Aquatic Organisms (If Yes, Describ		Yes 🔀 No 🔄
Terrestrial Organism If Yes, Describ		Yes No 🔀
and the second second	Riparia	n Characteristics
Riparian Vegetation Right: <u>P. Dou</u> Left: <u>autum</u>	reclato	, D. glonerala, J. officinal
Associated Wetland If Yes, Describ Associated Artificial If Yes, ID: (e: <u>Juetla</u>	
	Direction	Description
Upstream		Description
Dowsnstream	N	
Cross Channel	V	R to L bang
No March 1997	Supplement	al Notes & Comments:
Oxtension a into new s		en ly delineated ditch



Ditch Fie	Id ID: DT	A201	
Data Poir		313110	
Project N		ill Wind Project	
Evaluator		e puos	
County:	Chautauqua	State: <u>NY</u>	
Jurisdictio	onal: Yes [× No	
Lat: <u>42</u>	.393015	Long: <u>-79, 14195</u> ;	5
	Juris	dictional Determination Criteria	
Yes No		Jurisdictional Attribute	- Hone dealer
×	1	d and Bank Present	
X		gh Water Mark Present	
X		direct Connection to a Traditional Na	-
		ting Attributes (Must Satisfy At Leas	
X	a) Presence Water	of Relatively Permanent Flowing or	Standing
		Stream That Has Been Altered	
		d in a Jurisdictional WOTUS	
		Two or More Jurisdictional WOTUS	5
1.1		atural Water Bodies (including wetla	
		system of a TNW	Cover a loss mais
		Hydrologic Characteristics	
Surface V	Vater:	Present Absent	Z
Perceptib	le Flow:	Present Absent	2
	pth at Thalweg		Width: ALLA
	dient Direction:	<u>N</u>	<u> </u>
	Ge	omorphologic Characteristics	
Primary S	Substrate Class	Clay 1 grand / Manel	1000000
		Width	
	Contraction of	at DP Max	
	OHWM		
	Top of Bank	37" 37"	
	1.000	Left Right	
Ba	nk Slope (H:V)	1:1 $1:1$	*
		Bank Stability Summary	1
	Left Bank:	Stable	
	Right Bank:	Stable	



Data Point ID: DP- 351

	Habita	at Charac	teristi	cs	illian -	and an one of
Aquatic Vegetation If Yes, Descri	Present:	Yes] No [×	
Aquatic Organisms If Yes, Descri		Yes] No [\times	
Terrestrial Organise If Yes, Descril		Yes] No [×	
	Riparia	n Charac	teristi	cs		1. 1. m.1.
Right: <u>a</u> Left: <u></u>	the logic set	S. Non	MANA	mor	2, 12 02	leg honse
Associated Wetland If Yes, Describ		Yes] No	X		
Associated Artificial If Yes, ID:	Drain(s) Prese	nt:		Y	es 📃	No 🧭
	na para na ina Ny INSEE dia mampina Ny INSEE dia mampina	Photos				199
	Direction			Descri	otion	-
Upstream	W		34		10	
Dowsnstream Cross Channel	E	0			I STAR	
cross channel	<u>N</u>		toL		é.	1. 60 4.
Eleuns into	Supplementa		Com	ments:		Array Contraction of the second se
					101	
					1.12	
			-	-		
				-		
						×



Ditch Fie Data Poir Project N Evaluator County: Jurisdiction Lat: <u>4</u> 2	t ID: DP-364 Date: <u>5/3//16</u> ame: Ball Hill Wind Project (s): <u>Jame Burg</u> Chautauqua State: <u>NY</u> onal: Yes X No <u>407138</u> Long: <u>-79,139979</u>						
	Jurisdictional Determination Criteria						
Yes No	Jurisdictional Attribute						
+	1) Defined Bed and Bank Present						
X	2) Ordinary High Water Mark Present	_					
~	3) Direct or Indirect Connection to a Traditional Navigable Water4) Supplementing Attributes (Must Satisfy At Least 1 of 5 Below)	_					
	a) Presence of Relatively Permanent Flowing or Standing	-					
X	Water						
	b) A Natural Stream That Has Been Altered						
	c) Excavated in a Jurisdictional WOTUS						
	d) Connects Two or More Jurisdictional WOTUS						
	e) Drains Natural Water Bodies (including wetlands) into the						
	tributary system of a TNW						
575	Hydrologic Characteristics						
Surface \	Vater: Present Absent 🖌						
Perceptik	le Flow: Present Absent X						
and the second se	pth at Thalweg: NIA Wetted Perimeter Width: NIA						
Flow/Gra	dient Direction:						
	Geomorphologic Characteristics						
Primary \$	Substrate Class:						
	Width						
	at DP Max						
	OHWM 13 Jav						
	Top of Bank 36 31						
	Left Right						
Ba	nk Slope (H:V)						
	Bank Stability Summary						
	Left Bank: <u>Relatively stable</u>						
	Right Bank: <u>Relatively stable</u>						



Data Point ID: DP- 264

	Habita	t Charac	teristics	mestala sectore muses
Aquatic Vegetation I If Yes, Describ		Yes	N	0 🗶
Aquatic Organisms If Yes, Describ		Yes	<u> </u>	0 🗡
Terrestrial Organism If Yes, Describ		Yes	<u> </u>	0 🗡
	Riparia	n Charac	teristics	
Riparian Vegetation Right: <u>WL-</u> Left: <u>Acad</u>	54 E fo	llaw	carm.	freld Residential
Associated Wetland If Yes, Describ		Yes	No 🖂	<u></u>
Associated Artificial If Yes, ID:	Drain(s) Prese	ent:		Yes 🔀 No 🦳
		Photos		And there are a series of the series of
	Direction		De	escription
Upstream	N			
Dowsnstream	5			
Cross Channel	E	Rt	ob	
	Supplement	al Notes	& Comme	nts:
Chamel is a I laws into	a Sheon	bela ant	w nor side of	mal precipitation
				ALC: NOT
			-	
			1.1.1.1	



Ditch Field ID: DT-A201
Data Point ID: DP- 280 Date: 6/1/16
Project Name: Ball Hill Wind Project
Evaluator(s): Joine 2000
County: Chautaudua State: NY
Jurisdictional: Yes 🔀 No
Lat: 42,452,183 Long: -79,112629
Jurisdictional Determination Criteria
Yes No Jurisdictional Attribute
✓ 1) Defined Bed and Bank Present
2) Ordinary High Water Mark Present
3) Direct or Indirect Connection to a Traditional Navigable Water
4) Supplementing Attributes (Must Satisfy At Least 1 of 5 Below)
a) Presence of Relatively Permanent Flowing or Standing Water
b) A Natural Stream That Has Been Altered
c) Excavated in a Jurisdictional WOTUS
d) Connects Two or More Jurisdictional WOTUS
e) Drains Natural Water Bodies (including wetlands) into the
tributary system of a TNW
Hydrologic Characteristics
Surface Water: Present Absent
Perceptible Flow: Present Absent
Water Depth at Thalweg: N/A Wetted Perimeter Width: N/A
Flow/Gradient Direction:
Geomorphologic Characteristics
Primary Substrate Class:
Width
at DP Max
OHWM I' I'
Top of Bank 1.5^{1} 1.5^{1}
Left Right
Bank Slope (H:V)
Bank Stability Summary
Left Bank: Stable
Right Bank: Stable



Data Point ID: DP- 280

Present: e: Dbserved:	Yes Yes		_ No 📿	gliv
)bserved:	Voe	-		
):	165		No 🗡	
s Observed: e:	Yes		No 🗡	
Ripariar	n Charac	terist	ics	
	6			
and the second	Photos	VILLAN IN		
Direction			Description	
		1	Decemption	-
5	186		in the second	
Ŵ	Lt	on	- (D), (2007) 16.00	
Supplementa	I Notes	& Cor	nments:	1.1
apped st	I for	els au	to a cretto daide af dele	reate
	s Observed: Riparian Description (0' Present: Present: Drain(s) Prese Direction N Supplementa	s Observed: Yes Riparian Charac Description (0' to 150' fr encondense Present: Yes Z Present: Yes Z Drain(s) Present: Photos Direction N S ULT Supplemental Notes	s Observed: Yes Riparian Characterist Description (0' to 150' from To mean freesent: Yes Z No Present: Yes Z No Crain(s) Present: Photos Direction N Supplemental Notes & Cor	s Observed: Yes No Riparian Characteristics Description (0' to 150' from TOB): Concord former Present: Yes Z No Present: Yes Z No Crain(s) Present: Yes No Photos Direction N S



Ditch	n Fiel	dID: DT	A203	in the second se
Data	Poin	t ID: DP-	185	Date: 612116
Proje	ct Na	ame: Ball H	lill Wind Projec	t
Evalu	uator((s): <u>Jai</u>	me source	
Coun	ity:	Chautauqua	9	State: NY
Juris	dictio	nal: Yes	× No]
Lat:	42.	460326		_ong:79. 148835
		Juris		rmination Criteria
Yes	No	Line Wester		ictional Attribute
×			d and Bank Pr	
+	-		igh Water Mark	
+				ion to a Traditional Navigable Water
				(Must Satisfy At Least 1 of 5 Below)
X		a) Presence Water	e of Relatively F	Permanent Flowing or Standing
	-		Stream That H	las Been Altered
	-		d in a Jurisdict	
	-			Jurisdictional WOTUS
		/		odies (including wetlands) into the
_			system of a TN	
			Hydrologic C	haracteristics
Surfa	ice W	/ater:	Present	Absent Absent
Perce	eptibl	e Flow:	Present 📈	Absent
		oth at Thalweg		Wetted Perimeter Width: 30 "
		lient Direction:	Quest	
		Ge	omorphologic	Characteristics
Prima	ary S	ubstrate Class	Concret	e
			Width	
			at DP N	1ax
		OHWM		6 / ¹
		Top of Bank	4111 4	
			Left R	ight
	Bar	nk Slope (H:V)	1:1 1	
				ity Summary
		Left Bank:	Idable	
			-	
		Right Bank:	Stable	



Data Point ID: DP- しょるみ

	Habitat Cr	naracteristics
Aquatic Vegetation I If Yes, Describ	Present: e: <u>M.a.u.u.s</u> e	Yes X No
Aquatic Organisms If Yes, Describ		Yes No 🔀
Terrestrial Organism If Yes, Describ		Yes No 🔀
	Riparian C	haracteristics
Left: <u>9doub</u> Associated Wetland If Yes, Describ Associated Artificial	Present: Ye be:	rs No 🔀 Yes No 🔀
If Yes, ID: _	Ph	lotos
		10105
	Direction	
Upstream	Direction	Description
Upstream Dowsnstream	Direction E	
	E	
Dowsnstream	E N N P	Description



Ditch Fie	Id ID: OT	-A204		and the second second
Data Poir	nt ID: DP- ;	283	Date:	6/2/16
Project N	ame: Ball H	lill Wind Pr	oject	
Evaluator	(s): Qrin	ne going	c.	
County:	Chautauqua	0		State: NY
Jurisdictio	onal: Yes [≁ No		
Lat: <u>42</u>	460459		Long:	-79,148818
	Juris	dictional [Determina	tion Criteria
Yes No		Ju	risdiction	al Attribute
X	1) Defined Be	ed and Ban	k Present	
X	2) Ordinary H	igh Water I	Mark Prese	ent
X	3) Direct or Ir	idirect Con	nection to a	a Traditional Navigable Water
		-		Satisfy At Least 1 of 5 Below)
*	a) Presence Water	e of Relative	ely Permai	nent Flowing or Standing
	b) A Natura	I Stream Ti	hat Has Be	en Altered
	c) Excavate			
		The second s		ctional WOTUS
				including wetlands) into the
11. J. M. 1		system of a		
		Hydrolog	ic Charact	teristics
Surface V	Vater:	Present [Absent 🖌
Perceptib	le Flow:	Present		Absent 🗡
•	pth at Thalweg		We	tted Perimeter Width: NIA
Flow/Gra	dient Direction:	N		
	Ge	omorphol	ogic Char	acteristics
Primary S	Substrate Class	Com	crete.	
		Wic	ith	
		at DP	Max	
	OHWM	1.	1.1	
	Top of Bank	43"	43''	
		Left	Right	
Ba	nk Slope (H:V)	1:1	1:1	
		Bank St	ability Sur	mmary
	Left Bank:	Stab	le	
	Right Bank:	Stall	0	



Data Point ID: DP-283

	Habitat	Charact	teristics	NO L
Aquatic Vegetation I If Yes, Describ		Yes		
Aquatic Organisms If Yes, Describ		Yes	No 🖌	
Terrestrial Organism If Yes, Describ		Yes		
	Riparia	n Charac	cteristics	1 .
Left: <u>Q+</u> 3 Associated Wetland If Yes, Describ Associated Artificial	Present:	Yes	<u>A hoyfreld</u> No <u>V</u> Yes <u>No </u>	<
If Yes, ID: _		Photos	and the distance	-
	Direction	1 110100	Description	
Upstream	Direction		Description	-
Dowsnstream	NA/	11.57	HEWNE THE HEED	1.11
Cross Channel	N	Lto	R	
	Supplement			
And the second	Supplementa	al Notes	& Comments:	



Ditch Field ID: 👔	T-A205
	- 284 Date: <u>6/2/16</u>
•	I Hill Wind Project
Evaluator(s):	
County: Chautauqua	State: <u>NY</u>
Jurisdictional: Yes	s 🗲 No
Lat: 42, 463672	Long: <u>- 79, 149 5 44</u>
	risdictional Determination Criteria
Yes No	Jurisdictional Attribute
	Bed and Bank Present
	High Water Mark Present
	Indirect Connection to a Traditional Navigable Water
	enting Attributes (Must Satisfy At Least 1 of 5 Below)
A a) Preser	nce of Relatively Permanent Flowing or Standing
b) A Natu	ral Stream That Has Been Altered
c) Excava	ated in a Jurisdictional WOTUS
d) Conne	cts Two or More Jurisdictional WOTUS
	Natural Water Bodies (including wetlands) into the y system of a TNW
	Hydrologic Characteristics
Surface Water:	Present Absent 🧹
Perceptible Flow:	Present Absent 🗡
Water Depth at Thalwe	
Flow/Gradient Direction	n: <u>v</u>
	Geomorphologic Characteristics
Primary Substrate Class	SS:
	Width
	at DP Max
OHWN	1 21" 21"
Top of Banl	4.5 4.5
B. I. O	Left Right
Bank Slope (H:\	
1.45	Bank Stability Summary
Left Ban	(Stoll
Diabi Daal	
Right Bah	K: Stable



Data Point ID: DP- 그용식

Aquatic Vegetation If Yes, Describ Aquatic Organisms If Yes, Describ	Present.		ristics
Aquatic Organisms If Yes, Describ		Yes	No 🗡
		Yes	
Terrestrial Organism If Yes, Describ		Yes	
	Riparia	n Characte	eristics
Riparian Vegetation Right: <u>Aopp</u> Left: <u>Shru</u>	l- Scrub	Single , Sing	formely Residential, ag
If Yes, Describ Associated Artificial If Yes, ID: _	the state state and states	nt: Photos	Yes No 🔀
	Direction	1 110100	Description
Upstream	E E		Description
Dowsnstream		144	and a second second
Cross Channel	5	Atol	the second states and
	Supplementa	al Notes &	Comments:
	0 00-	i too	wordsordians



Ditch Field ID: Ditch-A591
Data Point ID: DP-U65 Date: 5/20/16
Project Name: Ball Hill Wind Project
Evaluator(s): Bon Virts, Nicole Dutchr
County: Chautauqua State: NY
Jurisdictional: Yes X No
Lat: 42.407788 Long: -79.113959
Jurisdictional Determination Criteria
Yes No Jurisdictional Attribute
X 1) Defined Bed and Bank Present
X 2) Ordinary High Water Mark Present
\times 3) Direct or Indirect Connection to a Traditional Navigable Water
4) Supplementing Attributes (Must Satisfy At Least 1 of 5 Below)
x a) Presence of Relatively Permanent Flowing or Standing Water
b) A Natural Stream That Has Been Altered
X c) Excavated in a Jurisdictional WOTUS
X d) Connects Two or More Jurisdictional WOTUS
e) Drains Natural Water Bodies (including wetlands) into the
× tributary system of a TNW
Hydrologic Characteristics
Surface Water: Present 🔀 Absent
Perceptible Flow: Present Absent X
Water Depth at Thalweg: <u>3</u> " Wetted Perimeter Width: <u>1.0</u> '
Flow/Gradient Direction: 102 N
Geomorphologic Characteristics
Primary Substrate Class: <u>Si [+] Clay</u>
Width
at DP Max
OHWM 4.0' 6.0'
Top of Bank $9.0'$ $12.0'$
Left Right
Bank Slope (H:V) 2′/ 3′ 2′: 3′
Bank Stability Summary
Left Bank: book is State, no erosion present
Pight Bank: back in State on a
Right Bank: bank is Stable, No en sion prevent



Data Point ID: DP-665		
Habita	it Charact	eristics
Aquatic Vegetation Present: If Yes, Describe:	Yes	No
Aquatic Organisms Obsorved:	Voc	

Aquatic Organisms Observed: If Yes, Describe:	Yes	
Terrestrial Organisms Observed: If Yes, Describe:	Yes	
Riparian C	haract	eristics
Riparian Vegetation Description (0' to Right: <u>0-5' Mointained FAC</u> <u>5'-150' Outhwated re</u> Left: <u>0-46' FAC/FACW he</u> <u>40'-50' Access mod</u>	herbac	aps (wheat)
Associated Wetland Present: Ye	es X Wetle	No and A597
Associated Artificial Drain(s) Present: If Yes, ID: <u>AD-A509</u>		Yes 🔀 No 📃
PI	hotos	

	Direction	Description
Upstream	S	
Dowsnstream	N	
Cross Channel	W	RTL
	Supplement	al Notes & Comments:

2



Ditch		
Data	Point	t ID: <u>DP-720</u> Date: 5/27/16
Proje		
Evalu		
Coun	ity:	Chautaugua State: NY
Juris	dictio	nal: Yes 🗶 No 📃
Lat:	4	<u>12,439850</u> Long: <u>-79,129355</u>
		Jurisdictional Determination Criteria
Yes	No	Jurisdictional Attribute
X		1) Defined Bed and Bank Present
Х		2) Ordinary High Water Mark Present
X		3) Direct or Indirect Connection to a Traditional Navigable Water
		4) Supplementing Attributes (Must Satisfy At Least 1 of 5 Below)
	. 1	a) Presence of Relatively Permanent Flowing or Standing
	X	Water
	X	b) A Natural Stream That Has Been Altered
X		c) Excavated in a Jurisdictional WOTUS
	X	d) Connects Two or More Jurisdictional WOTUS
	Х	e) Drains Natural Water Bodies (including wetlands) into the
	~	tributary system of a TNW
-		Hydrologic Characteristics
Surfa	ice W	/ater: Present Absent 🔀
Perce	eptibl	e Flow: Present Absent X
		oth at Thalweg: N/A Wetted Perimeter Width:
Flow/	Grad	lient Direction: East
		Geomorphologic Characteristics
Prima	ary S	ubstrate Class: Sitt
		Width
		at DP Max
		OHWM 1,5fr 2,5fr
		Top of Bank 2 fr 3 fr
		Left Right
	Ban	k Slope (H:V) 0,50,5 1 /0,5
		Bank Stability Summary
		Left Bank: Stuble
		Right Bank: Stuble



Data Point ID: DP. 720_

sent: served: Dbserved: Dbserved: Ripariar scription (0' SS Verter	cover 100	om TO	
Dbserved: Ripariar scription (0' ש שאבע סעיב ניבט א	Yes n Charac to 150' fr cover 100	om TO] No 🔀 cs oB):
Ripariar scription (0'	to 150' fr	om TO	cs 0B):
scription (0'	to 150' fr cover	om TO	9B):
ubacuous	cover 100		
esent: Wettoni	Yes X	L-AI	62.4
	Photos		
Direction	<u> </u>		Description
			Description
E	1		
N	Lto	R	
upplementa			iments:
			ounday of wetlands.
	Wetton ain(s) Prese	Wetlow WL- ain(s) Present: Photos Direction W E W L to upplemental Notes	Wetlow WL-A(02 ain(s) Present: Photos Direction W E N LtoR upplemental Notes & Com



Ditch	Field	ID: DI.	A507				
Data Point ID: DP- 754 Date: 0810							
Project Name: Ball Hill Wind Project							
Evaluator(s): Bon Virts and Nicda Dutcher							
Count	ty:	Chautauqua			State: <u>NY</u>	· · · · · · · · · · · · · · · · · · ·	
Jurisd	lictior	nal: Yes [No		· · · · · · · · · · · · ·		
Lat:	47	-,419441		Long:	•79.15227	3	
Jurisdictional Determination Criteria							
Yes	No		Juris	sdictiona	Attribute		
X		1) Defined Bed and Bank Present					
	X	2) Ordinary High Water Mark Present					
	X	3) Direct or Indirect Connection to a Traditional Navigable Water					
		4) Supplementing Attributes (Must Satisfy At Least 1 of 5 Below)					
		a) Presence of Relatively Permanent Flowing or Standing					
	×	Water					
	X	b) A Natural Stream That Has Been Altered					
	X	c) Excavated in a Jurisdictional WOTUS					
	X	d) Connects Two or More Jurisdictional WOTUS					
	Х	e) Drains Natural Water Bodies (including wetlands) into the					
	~	tributary system of a TNW					
Hydrologic Characteristics							
Surface Water:			Present [Absent X		
Perceptible Flow:			Present [Absent X	·.	
Water Depth at Thalweg (ft.): <u>NA</u>							
Wetted Perimeter Width (ft.): <u>NIA</u>							
Flow/Gradient Direction:							
Geomorphologic Characteristics							
Prima	ary S	ubstrate Class	511	+			
			Width (ft.)				
			at DP	Max			
		OHWM	NIA	NIA			
		Top of Bank					
Bank Slope [Reported as % or Horizontal:Vertical(H:V)]:							
Right:							



Data Point	ID:	DF	2-754	+
------------	-----	----	-------	---

Bank St	ability Summary				
Left Bank: Stube	- Vegetetion well established, no				
	indercutting or crossion				
Right Bank: <u>^ San</u>	ne as left 7				
Habitat	Characteristics				
Aquatic Vegetation Present: If Yes, Describe:	Yes No _X				
Aquatic Organisms Observed: If Yes, Describe:	Yes No 🗙				
Terrestrial Organisms Observed: If Yes, Describe:	Yes No X				
	Characteristics				
Riparian Vegetation Description (0'	to 150' from TOB):				
Right: 0-3' - upland herba					
3'-150'- Cultivated Chop Field					
Left: <u>0-2' - upland he</u>	-bacion Vegetztin				
2'-25' - Asphilt Ro	6xx				
Associated Wetland Present: If Yes, ID: الكوجاسم					
Associated Artificial Drain(s) Pres					
If Yes, ID: $AD - 523$					
<u> </u>	Photos				
Direction	Description				
Upstream S					
Dowsnstream N					
Cross Channel 🛛 🙌	PtoL				
Supplementa	I Notes & Comments:				
Non-jurisdiction 1 Bad Side	ditch along Pope Hill Road				
	· · · · · · · · · · · · · · · · · · ·				



Ditch Field ID: DI - A509
Data Point ID: DP-760 Date: 6916
Project Name: Ball Hill Wind Project
Evaluator(s): Ben VIGHT and Nicel Dutrher
County: Chautauqua State: NY
Jurisdictional: Yes X No
Lat: 42.475060 Long: -79.149393
Jurisdictional Determination Criteria
Yes No Jurisdictional Attribute
χ 1) Defined Bed and Bank Present
X 2) Ordinary High Water Mark Present
X 3) Direct or Indirect Connection to a Traditional Navigable Water
4) Supplementing Attributes (Must Satisfy At Least 1 of 5 Below)
a) Presence of Relatively Permanent Flowing or Standing
X Water
X b) A Natural Stream That Has Been Altered
× c) Excavated in a Jurisdictional WOTUS
X d) Connects Two or More Jurisdictional WOTUS
e) Drains Natural Water Bodies (including wetlands) into the
tributary system of a TNW
Hydrologic Characteristics
Surface Water: Present Absent 🔀
Perceptible Flow: Present Absent X
Water Depth at Thalweg (ft.): <u>N/A</u>
Wetted Perimeter Width (ft.): <u>N/A</u>
Flow/Gradient Direction:
Geomorphologic Characteristics
Primary Substrate Class: Silt Clay
Width (ft.)
at DP Max
OHWM NA NA Top of Bank $3'$ $3'$
Bank Slope [Reported as % or Horizontal:Vertical(H:V)]:
Right: 111



Data Point ID:	DP-760	n an			
	Bank Sta	bility Summary			
Left E	Bank: very Stabe	-, vegetation growing on bank, no			
	eudera of	unsercutting or sloughing			
Right E	3ank:1	Som as above T			
	Habitat (Characteristics			
Aquatic Vegetation If Yes, Descri		Yes No 🗵			
Aquatic Organisms If Yes, Descri		Yes No X			
Terrestrial Organisı If Yes, Descri		Yes No 🗡			
	Riparian	Characteristics			
Riparian Vegetatior	Description (0' t	o 150' from TOB):			
Right: 0-5' (Iplans FAC plants	(not moved)			
S'-150' cultivated/mived hay field					
Left: 0-150		nd on ditch part flowing E to W			
	and Uplans	Forest on section of ditch flowing StoN			
Associated Wetlan If Yes, ID:		Yes 🗙 No 🔄			
Associated Artificia		Province and a second s			
If Yes, ID: Art		524			
	k de la jer de la P	Photos			
	Direction	Description			
Upstream	E				
Dowsnstream	<u> </u>				
Cross Channel	S	Rol .			
		Notes & Comments:			
Drains methow	nd A628 to	agricultural and outside study onen			
<u></u>					



Ditch	Field ID: DT - ASID					
Data F	Point ID: DP-776 Date: 61616					
Projec	t Name: Ball Hill Wind Project					
Evalua	ator(s): Ben VING and NICOL QUALY					
Count	y: <u>Chautauqua</u> State: <u>NY</u>					
Jurisdi	ictional: Yes 🔀 No 🔄					
Lat:	42.4900502 Long: -79.151437					
	Jurisdictional Determination Criteria					
Yes	No Jurisdictional Attribute					
Х	1) Defined Bed and Bank Present					
X	2) Ordinary High Water Mark Present					
X	3) Direct or Indirect Connection to a Traditional Navigable Water					
	4) Supplementing Attributes (Must Satisfy At Least 1 of 5 Below)					
	a) Presence of Relatively Permanent Flowing or Standing					
a server de	X Water					
	b) A Natural Stream That Has Been Altered					
X	c) Excavated in a Jurisdictional WOTUS					
	d) Connects Two or More Jurisdictional WOTUS					
X	e) Drains Natural Water Bodies (including wetlands) into the					
	tributary system of a TNW					
	Hydrologic Characteristics					
Surfac	ce Water: Absent Absent					
Perce	ptible Flow: Present Absent 🔀					
	Depth at Thalweg (ft.): <u>N/A</u>					
	d Perimeter Width (ft.): N A					
	Gradient Direction: West					
FIOWA						
	Geomorphologic Characteristics					
Prima	ry Substrate Class: <u>Si It</u>					
	Width (ft.)					
	at DP Max					
	OHWM 1' 2'					
	Top of Bank 2′ 3′					
Bank	Slope [Reported as % or Horizontal:Vertical(H:V)]:					
	Left: <u>1:3 - 1:3 - 1:5 -</u>					
	Right: [:]					



Data Point ID:	775	•
	Bank Sta	bility Summary
Left E	Bank: Stable -	
		0
Right E	Bank: <u>Stabu -</u>	Well Vegetated
		Characteristics
Aquatic Vegetation If Yes, Descri		Yes No [<u>}</u>
Aquatic Organisms If Yes, Descri		Yes No 🗡
Terrestrial Organis If Yes, Descri		Yes 🔄 No 🔀
		Characteristics
Riparian Vegetation	n Description_(0' t	o 150' from TOB):
 A second s	0' - PEN PSS	
	- Nadside bank	
-	1 - Asphalt moln	
	(- Ditzh	<u>35-150'- Uplan</u>
Associated Wetlar If Yes, ID:	nd Present: মৃতিন	Yes <u>X</u> No
المرجوع المراجعة والأحد المرجعة الخاري		nt: Yes 🔽 No
If Yes, ID:	AD-526	
		Photos
	Direction	Description
Upstream	5	
Dowsnstream	N	
Cross Channel	N. Andrewski	2 to L
de la seconda de la second La seconda de la seconda de	Supplemental	Notes & Comments:
<u></u>	<u> </u>	



Ditch	Fiel	d ID:;	tchP	511				
Data I	Point	ID: DP-	782		Date:	6122116		
Projec	ct Na	me: <u>Ball</u>	Hill Wi	nd Pro				
Evalu	ator(s):	B.V.	ats ,	J. Schole	.r.		
Count	ty:	Chautauqua		•		State: NY	/	
Jurisc	lictio	nal: Yes	X	No [
Lat:	42.	5083498			Long:	-79.157	3107	
		Jur	sdictic	nal De	eterminat	ion Criteria		
Yes	No			Juri	sdictiona	I Attribute		
X		1) Defined I	Bed and	d Bank	Present			
X		2) Ordinary	High W	/ater N	lark Pres	ent		
X						a Traditional		
		4) Supplem	enting /	Attribut	es (Must	Satisfy At Le	east 1 of	5 Below)
		a) Preser	ce of R	elative	ly Perma	nent Flowing	or Stand	ling
	*	Water						
	×					en Altered		
	x	c) Excava		and a second	the second s			
×						ctional WOT		
	×	,				(including we	etlands) ir	nto the
	<u>^</u>	tributar	y syste	m of a	TNW			
		and the second states	Hydr	ologic	Charact	eristics		
Surfa	ce W	ater:	Pre	esent [Absent 🗵		
Perce	eptibl	e Flow:	Pro	esent [Absent 🔀		
Wate	r Dep	oth at Thalwe	eg (ft.):	NA				
Wette	ed Pe	erimeter Wid	th (ft.):	NA				
		ient Directio						
				pholo		acteristics		
Prima	arv S	ubstrate Clas		5:11	1			· · ·
	•	and the second		Width				
			at	DP	Max	-		
		OHWM	The second se	/	3'		.*	
		Top of Banl		i /	G'	-		
Bank	Slor	e [Reported				- tical(H·\/)]·		
Dank	000	Left:	1:1					
		Right:	1:1					



Data Point ID: DP-782
Bank Stability Summary
Left Bank: Banks are fully vegetated with no
Erosion Prosent
Right Bank: <u>Some as helt Bank</u>
Habitat Characteristics
Aquatic Vegetation Present: Yes No Yes No
Aquatic Organisms Observed: Yes No X If Yes, Describe:
Terrestrial Organisms Observed: Yes No 🔀 If Yes, Describe:
Riparian Characteristics
Riparian Vegetation Description (0' to 150' from TOB): Right: <u>Forest 0'-FSO</u>
Left: 0'-10' Fucilitation shrups and herbers buffer 10'-150' ploused Row crop field
Associated Wetland Present: Yes X No I If Yes, ID: OFF5. He to East . Do ID.
Associated Artificial Drain(s) Present: Yes No 🗶 If Yes, ID:
Photos
Direction Description
Upstream E
Dowsnstream w
Cross Channel 5 PTL
Supplemental Notes & Comments:

sign<u>er</u>.

Ditc	h Fie	ld ID:	DT- f	1600		
Data Point ID: DP- 79		183A	Date:	4/4)17		
Project Name: Ball Hil		ill Wind P				
Evaluator(s): Ben Victs and Nicole Dutzher						
Cou	nty:	Chauta	uqua	· · · · · · · · · · · · · · · · · · ·		State: <u>NY</u>
Juris	dictio	nal:	Yes [× No		
Lat:	42	1,4929	61	.	Long:	-79.150090
			Juris	dictional	Determina	tion Criteria
Yes	No			Ju	risdictiona	al Attribute
			****		nk/Channel	
X	ļ				Mark Pres	
X						a Traditional Navigable Water
	1					Satisfy At Least 1 of 5 Below)
				of Relativ	vely Perma	nent Flowing or Standing
$ \times $			ater			
<u> </u>	X					een Altered
	X				sdictional V	
$\vdash \sim$						ictional WOTUS
×	 Prains Natural Water Bodies (including wetlands) into the tributary system of a TNW 					
	l	LT IL				
				Hydrolog	ic Charact	
Surfa	ace W	ater:		Presen	$t \times$	Absent
Perc	eptibl	e Flow:		Presen	$t \times$	Absent
Wate	er Dep	oth at Th	alweg:	6	, //	
Wett	ed Pe	rimeter	Width:	4	/ [^]	
Flow	/Grad	lient Dire	ection:		ast	· · · · · · · · · · · · · · · · · · ·
			Ge	omorpho	logic Char	acteristics
Prim	ary S	ubstrate	Class:	G	avel / Sil	t
			Γ		th (ft.)	7
			F	at DP		1
		OF	iwm [4'	8'	1
		Top of I		8'	10'	
Bank	s Slop	e [Repo	rted as	s % or Ho		⊐ rtical(H:V)]:
	•	Left:		1 · 2		
		Right:		1:3		

Data Point ID: DP- 783A
Bank Stability Summary
Left Bank: Stable, Vegetzited
Right Bank: stribic, vogetated and road build up
Habitat Characteristics
Aquatic Vegetation Present: Yes No If Yes, Describe: milfill, mrequent
Aquatic Organisms Observed: Yes No X If Yes, Describe:
Terrestrial Organisms Observed: Yes No X If Yes, Describe:
Riparian Characteristics
Riparian Vegetation Description (0' to 150' from TOB): Right: <u>0 - 3' rood/dish back</u> <u>5 - 45' Aspelt rad</u> <u>45'+ - Cow pasture</u> .
Left: 0-150' - PSS/PEM Weitland
Associated Wetland Present: Yes X No If Yes, ID: <u>WL-AU46</u> Associated Artificial Drain(s) Present: Yes No X If Yes, ID:
Supplemental Notes & Comments:
Read side ditch recieving flows from Wetland Alutto. Ditch flows off site the intersection of King Road and Deprison Road where it flows through culturet into a field becoming a stream.

s grist

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Ditcl	h Fiel	ld ID:	DT-A	607					
Data Point ID:		t ID:	DP- 800 Date: 4/5/17						
Project Name:			Ball Hil		d Proj	ject			
Evalu	uator	(s):	B. Vin	ts	and	N.Du	rher		
County: Chautauqua State: NY									
Juris	dictio	nal:	Yes 🔀	<	No [_		
Lat:	4	2, 5032	261			Long:	- 79,	150051	
			Jurisdi	iction	nal De	eterminat	tion Crit	eria	
Yes	No				Juri	sdictiona	al Attribu	ıte	
X						/Channel			
\mathbf{X}						lark Pres			
\times									gable Water
									of 5 Below)
X				of Re	lative	ly Perma	nent Flov	wing or St	anding
		Wa		<u></u>					
	\times					at Has Be		ed	
$\vdash \downarrow \downarrow$						dictional V			
\vdash	X d) Connects Two or More Jurisdictional WOTUS a) Draina Natural Water Radias (including water do) into the								
 e) Drains Natural Water Bodies (including wetlands) into the tributary system of a TNW 									
I						Charact	eristics		
Surfa	ace W	lator:			sent [Absent		
	•	e Flow:	_	Pres	sent [Absent		
Wate	er Dep	oth at Tha	alweg:		6	<i>"</i>			
Wette	ed Pe	erimeter V	Nidth:		3'	·			
Flow/	/Grad	lient Dire	ction:		ir	lest			
			Geo	morp		gic Char	acteristi	cs	
Prima	ary Si	ubstrate	Class:		gra	ss/silt			
	Width (ft.)								
				at D		Max	-		
		OH	wм 🗖	4		<u> </u>	1		
		Top of B		8		12	1		
Bank		-			Horiz		 tical(H:∨	/)];	
	Bank Slope [Reported as % or Horizontal:Vertical(H:V)]: Left: /;2								
		Right:		:2					



Data Point ID: DP- 800
Bank Stability Summary
Left Bank: <u>Stable highly vegetated will grasses</u> , no evidence of erosion
Right Bank: T. Same as above T
Habitat Characteristics
Aquatic Vegetation Present: Yes X No If Yes, Describe: <u>minupert</u> , algae, duckneed, horsetail
Aquatic Organisms Observed: Yes No X If Yes, Describe:
Terrestrial Organisms Observed: Yes No X If Yes, Describe:
Riparian Characteristics
Riparian Vegetation Description (0' to 150' from TOB): Right: <u>active hay field and mixed deciduous forest</u>
Left: active hay field and wetland A 648
Associated Wetland Present: Yes X No If Yes, ID: <u>Watlant A U48 and A U49</u> Associated Artificial Drain(s) Present: Yes X No If Yes, ID: <u>AD707 and AD708</u>
Supplemental Notes & Comments:

.

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Ditc	h Fie	ld ID: <u>DT- A</u>	1008		A					
Data Point ID: DP- 8				Date	: 4/5/17					
Proje	ect Na	ame: Ball H	ill Wind Pro							
Evaluator(s): B. Virts and N. Dutzner										
Cou	nty:	Chautauqua			State: NY					
Juris	dictio	nal: Yes [X No							
Lat: <u>42, 503 53</u> , Long: <u>-79, 150129</u>										
Jurisdictional Determination Criteria										
Yes	No		Jur	isdiction	al Attribute					
X		1) Defined Be								
X		2) Ordinary High Water Mark Present								
Х		3) Direct or Indirect Connection to a Traditional Navigable Water								
					Satisfy At Least 1 of 5 Below)					
×			of Relative	ely Perma	nent Flowing or Standing					
		Water		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·					
	X	b) A Natural Stream That Has Been Altered								
	X	c) Excavated								
Х					ictional WOTUS					
	X				(including wetlands) into the					
			ystem of a							
			Hydrologi	c Charac	teristics					
Surfa	ace W	ater:	Present	×	Absent					
Perceptible Flow:			Present	X	Absent 📃					
Wate	er Dep	oth at Thalweg:	4	<u>("</u>						
Wette										
Flow	/Grad	ient Direction:	N	orth						
		Geo	omorphole	ogic Char	acteristics					
Prima	ary Si	ubstrate Class:		Sil+1Cla	¥					
Width (ft.)										
		F	at DP	Max						
		онум 🗖	31	4'						
		Top of Bank	10'	15'	1					
Bank Slope [Reported as % or Horizontal:Vertical(H:V)]:										
, ., .	. p	Left:								
Right: $\langle \cdot, \rangle$										



Data Point ID: DP- 801
Bank Stability Summary
Left Bank: <u>Some sediment deposit from bonk</u> , but averall <u>Stable due to low slope and presence of some</u> <u>Vegetation</u> Right Bank: <u>Tsome as above 1</u>
Habitat Characteristics
Aquatic Vegetation Present: Yes X No I If Yes, Describe: Moneywort, duckwad
Aquatic Organisms Observed: Yes No X If Yes, Describe:
Terrestrial Organisms Observed: Yes No X If Yes, Describe:
Riparian Characteristics
Riparian Vegetation Description (O' to 150' from TOB): Right: <u>Secondary deciduous tree shrub forest</u>
Left: Active hay field
Associated Wetland Present: Yes X No If Yes, ID: <u>Wetland</u> Alog And Alog Associated Artificial Drain(s) Present: Yes X No If Yes, ID: <u>AO-A707</u> and AD-A708
Supplemental Notes & Comments:
Constructed ditch along edges of agricultures // they field receiving water from overland sheet flow and wetlands Alu48 and Alu49 that are discharging into ditch, Ditch is relatively stable due to constant maintenance, by former and grodual 30-457. slove along bonk,

-

Ditc	h Fie	ld ID: <u>DT-</u>	609								
Data Point ID: DP- §			305	Date	- <u>41517</u>						
Proje	ect Na		lill Wind P	roject							
Eval	uator	(s): <u>B- U</u>	her								
Cou	nty:	Chautauqua			State: NY						
Juris	dictio	nal: Yes [X No	» 🗌							
Lat: <u>42.426653</u> Long: <u>-79.163573</u>											
Jurisdictional Determination Criteria											
Yes	No	Jurisdictional Attribute									
X		1) Defined Bed and Bank/Channel Present									
X		2) Ordinary High Water Mark Present									
X		3) Direct or Indirect Connection to a Traditional Navigable Water									
					Satisfy At Least 1 of 5 Below)						
	X	-	e of Relati	vely Perma	nent Flowing or Standing						
		Water									
	Х	b) A Natural Stream That Has Been Altered									
	X	c) Excavated in a Jurisdictional WOTUS									
×					ictional WOTUS						
X					(including wetlands) into the						
		tributary	system of	a TNW							
			Hydrolog	gic Charac	teristics						
Surfa	ace W	ater:	Presen	t 🔀	Absent						
Perceptible Flow:			Presen	t \times	Absent						
Water Depth at Thalweg: 3											
Wetted Perimeter Width: <u>4'</u>											
Flow	/Grad	ient Direction:		West							
		Ge	omorpho	logic Cha	racteristics						
Prima	ary Si	ubstrate Class		silt							
Width (ft.)											
ľ			at DP	Max	7						
		онум	31	5'	-						
		Top of Bank	<u> </u>	6'	1						
Bank Slope [Reported as % or Horizontal:Vertical(H:V)]:											
	•	Left:	1:1	_	× 74						
Right:											



Data Point ID: DP- 805					
Bank Stability Summary					
Left Bank: Stable - highly vegetated					
Right Bank: Stable - highly vegetated					
Habitat Characteristics					
Aquatic Vegetation Present: Yes X No If Yes, Describe: many mark, duclowed					
Aquatic Organisms Observed: Yes No X					
Terrestrial Organisms Observed: Yes No X If Yes, Describe:					
Riparian Characteristics					
Riparian Vegetation Description (0' to 150' from TOB):					
Right: 0-80' - Asphalt main read					
Right: 0-80' - Asphalt main val 80'-150'+ - Privare priperty - finitipard					
Left: 0-150'+ - Deciduous forest					
Associated Wetland Present: Yes No X					
If Yes, ID:					
Associated Artificial Drain(s) Present: Yes 🔀 No 🗔					
If Yes, ID: <u>A0-A709 and A710</u>					
Supplemental Notes & Comments:					
Jurisdictional readside ditch, flow from outfall of stock					
purl on prink papery off site,					
Town soon plan has pushed gravel and dirt into ditch.					

Appendix D

Photo Log



Project Name:

Photo No. 1

Data Point 13

Facing East

Description:

13.

Overview of Wetland C1 from PEM Data Point

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

<image>

Photo No. 2

Data Point 14

Facing West

Description:

Upland Data Point 14 adjacent to Wetland C1.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001



Photo No. 4

Data Point 16

Facing East

Description:

Upland Data Point 16 for Wetland D1.





Project Name:

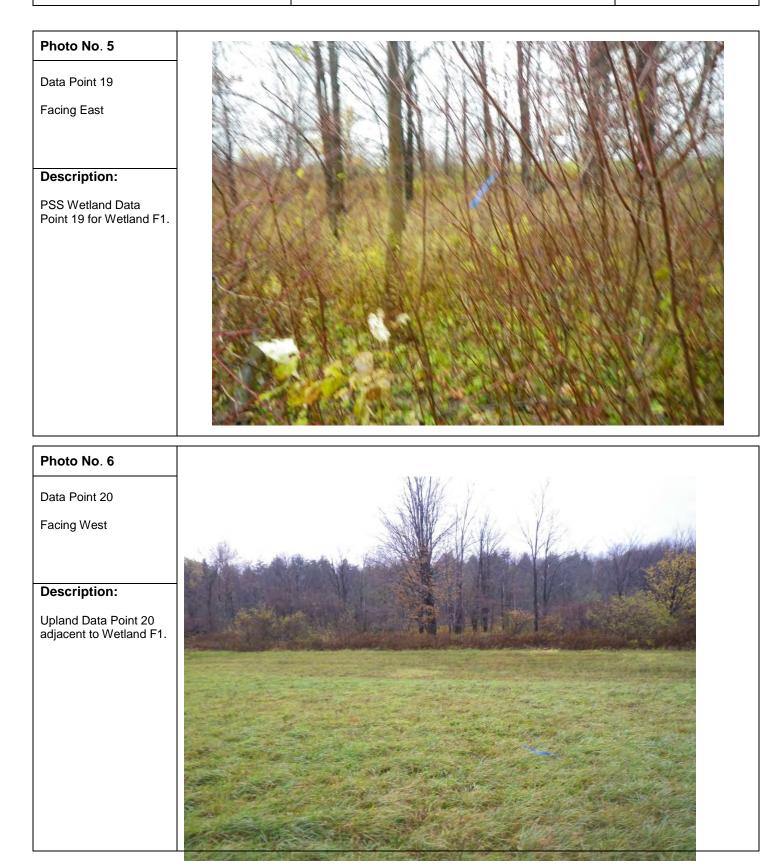
Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 7 Data Point 21 Facing East **Description:** PEM Wetland Data Point 21 for Wetland

Photo No. 8

G1.

Data Point 22

Facing East

Description:

PEM Wetland Data Point 22 for Wetland H2.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 9

Data Point 23

Facing West

Description:

Upland Data Point 23 adjacent to Wetland F1, Wetland H1, Wetland I1 and Wetland I2.



Photo No. 10

Data Point 24

Facing North

Description:

PEM Wetland Data Point for Wetlands I1 and I2.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 11

Data Point 26

Facing East

Description:

PEM Wetland Data Point for Wetland J1.



Photo No. 12

Data Point 27

Facing West

Description:

Upland Data Point 27 adjacent to Wetland J1.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 13

Data Point 28

Facing East

Description:

PEM Wetland Data Point for Wetland J2.



Photo No. 14

Data Point 29

Facing East

Description:

Upland Data Point 29 adjacent to Wetland J2.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 15 Data Point 30

Facing East

Description:

PEM Wetland Data Point 30 for Wetland J3.



Photo No. 16

Data Point 31

Facing West

Description:

Upland Data Point 31 for Wetland J3.





Project Name:

Photo No. 17

Data Point 32

Facing West

Description:

PEM Wetland Data

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

ARI Point 32 for Wetland J4.

Photo No. 18

Data Point 33

Facing East

Description:

Upland Data Point 33 adjacent to Wetland J4.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 19

Data Point 38

Facing West

Description:

PEM Wetland Data Point 38 from Wetland K3.



Photo No. 20

Data Point 39

Facing East

Description:

Upland Data Point 39 adjacent to Wetland K3.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 21

Data Point 40

Facing South

Description:

PEM Wetland Data Point 40 for Wetland L1.



Photo No. 22

Data Point 41

Facing West

Description:

Upland Data Point 41 adjacent to Wetland L1.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 23

Data Point 42

Facing North

Description:

PEM Wetland Data Point 42 for Wetland L2.



Photo No. 24

Data Point 43

Facing South

Description:

Upland Data Point 43 adjacent to Wetland L2.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 25

Data Point 44

Facing East

Description:

PEM Wetland Data Point 44 for wetland M1.



Photo No. 26

Data Point 45

Facing West

Description:

Upland Data Point 45 adjacent to Wetland M1.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 27

Data Point 46

Facing North

Description:

PEM Wetland Data Point 46 for Wetland N1

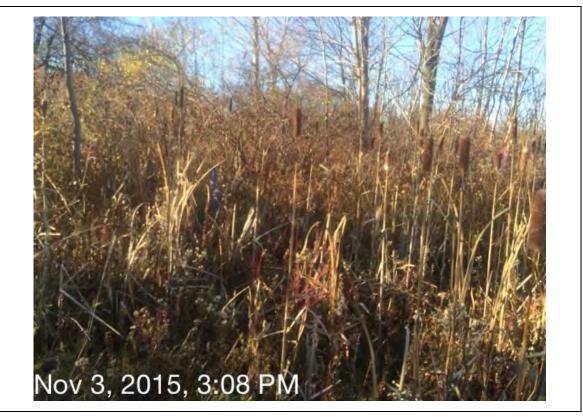


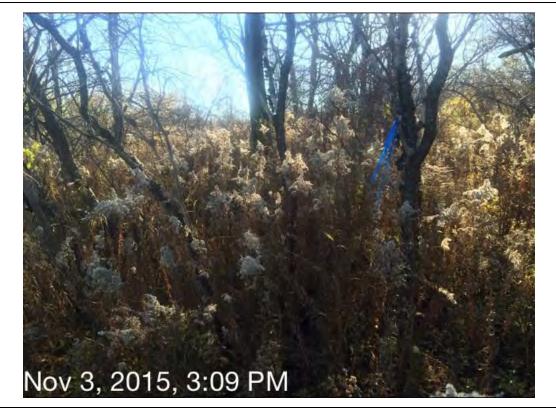
Photo No. 28

Data Point 47

Facing South

Description:

Upland Data Point 47 for Wetland N1





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 29

Data Point 48

Facing West

Description:

PEM Wetland Data Point 48 for Wetland O1.



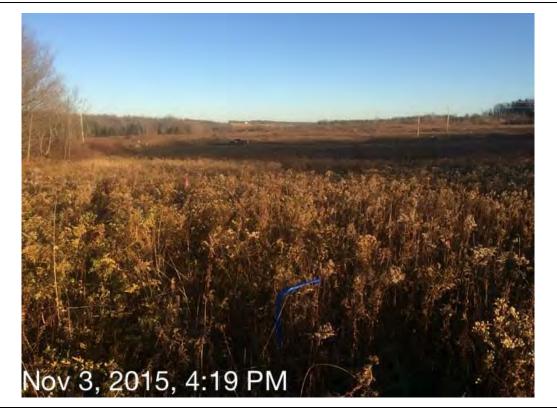
Photo No. 30

Data Point 49

Facing East

Description:

Upland Data Point 49 adjacent to Wetland O1.





Project Name:

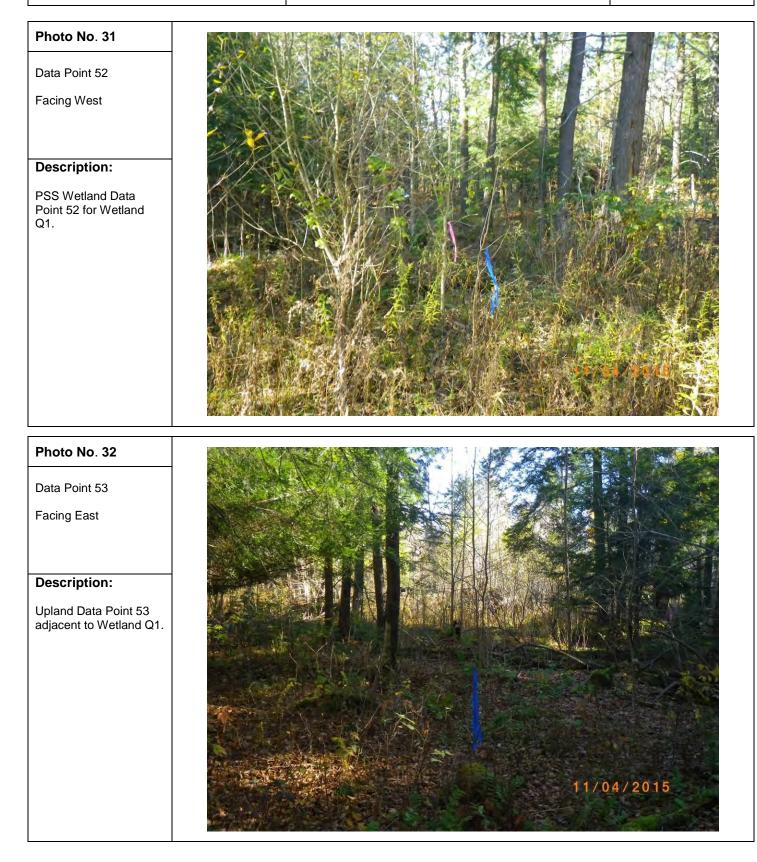
Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 33

Data Point 54

Facing West / Upstream

Description:

Stream Data Point for Stream 10.



Photo No. 34

Data Point 54

Facing East / Downstream

Description:

Stream Data Point for Stream 10.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 35

Data Point 54

Facing North / Right Bank to Left Bank

Description:

Stream Data Point for Stream 10.



Photo No. 36

Data Point 55

Facing West

Description:

PEM Wetland Data Point 55 for Wetland R1.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 37

Data Point 56

Facing East

Description:

Upland Data Point 56 adjacent to Wetland R1.



Photo No. 38

Data Point 57

Facing West

Description:

PEM Data Point 57 for Wetland S1.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 39

Data Point 58

Facing East

Description:

Upland Data Point 58 adjacent to Wetland S1.



Photo No. 40

Data Point 61

Facing West

Description:

PEM Wetland Data Point 61 for Wetland U1.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 41 Data Point 62 Facing East Description: Upland Data Point 62 adjacent to Wetland U1.

Photo No. 42

Data Point 63

Facing South / Upstream

Description:

Stream Data Point for Stream 11.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 43 Data Point 63 Facing North / Downstream **Description:** Stream Data Point for Stream 11. Photo No. 44

Data Point 63

Facing West / Right Bank to Left Bank

Description:

Stream Data Point for Stream 11.





Project Name:

Photo No. 45

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Data Point 64 Facing East

Description:

PEM Wetland Data Point 64 for Wetland V1.



Photo No. 46

Data Point 65

Facing West

Description:

Upland Data Point 65 adjacent to Wetland V1.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 47

Data Point 69

Facing South / Upstream

Description:

Stream Data Point for Stream 13.



Photo No. 48

Data Point 69

Facing North / Downstream

Description:

Stream Data Point for Stream 13.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 49

Data Point 69

Facing West / Right Bank to Left Bank

Description:

Stream Data Point for Stream 13.



Photo No. 50

Data Point 72

Facing South / Upstream

Description:

Stream Data Point for Stream 14.





Project Name:

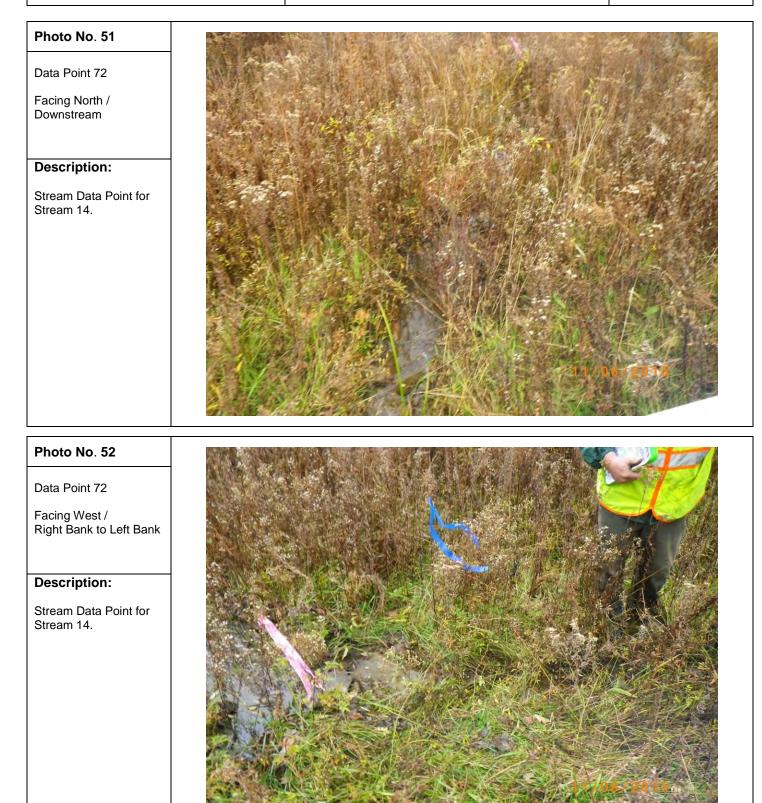
Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001





Project Name:

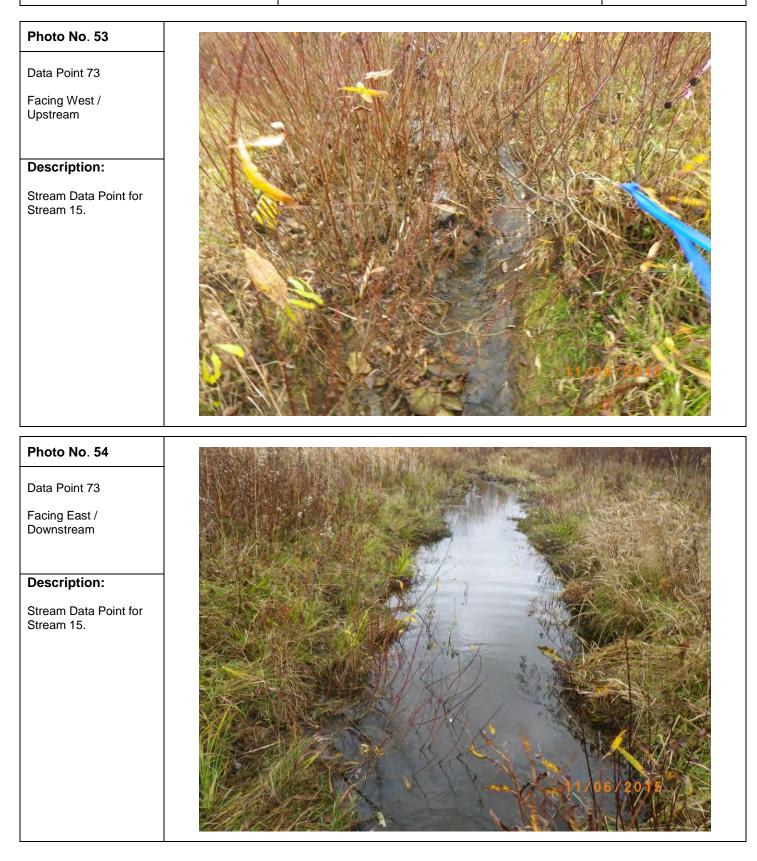
Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 55

Data Point 73

Facing North / Right Bank to Left Bank

Description:

Stream Data Point for Stream 15.



Photo No. 56

Data Point 74

Facing North

Description:

PSS Wetland Data Point 74 for Wetland V3.





Project Name:

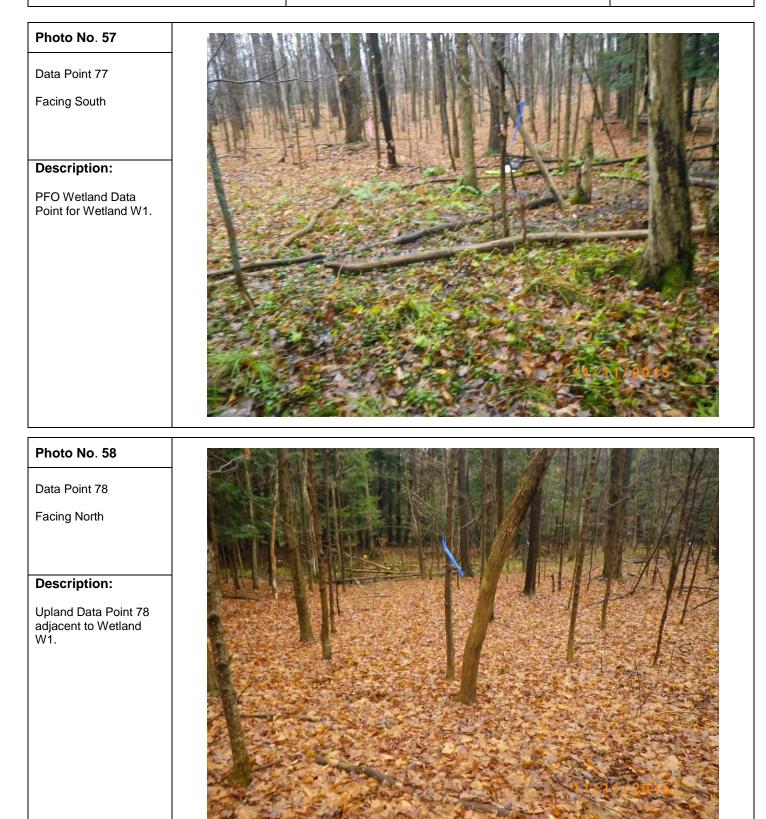
Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 59

Data Point 81

Facing Northwest

Description:

PEM Wetland Data Point 81 for Wetland X1.



Photo No. 60

Data Point 82

Facing Southeast

Description:

Upland Data Point 82 adjacent to Wetland X1.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 61

Data Point 86

Facing North

Description:

PFO Wetland Data Point 86 for Wetland Y2.



Photo No. 62

Data Point 87

Facing South

Description:

Upland Data Point 87 adjacent to Wetland Y2.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 63

Data Point 90

Facing West / Upstream

Description:

Stream Data Point for Stream 18.



Photo No. 64

Data Point 90

Facing East / Downstream

Description:

Stream Data Point for Stream 18.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 65

Data Point 90

Facing North / Right Bank to Left Bank

Description:

Stream Data Point for Stream 18.



Photo No. 66

Data Point 91

Facing North

Description:

PEM Wetland Data Point 91 for Wetland A5.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 67

Data Point 92

Facing South

Description:

Upland Data Point 92 for Wetland A5.



Photo No. 68

Data Point 93

Facing North

Description:

PEM Wetland Data Point 93 for Wetland A6.





Project Name:

Photo No. 69

Data Point 94

Facing South

Description:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001



Photo No. 70

Data Point 95

Facing West / Upstream

Description:

Stream Data Point for Stream 19.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 71

Data Point 95

Facing East / Downstream

Description:

Stream Data Point for Stream 19.



Photo No. 72

Data Point 95

Facing North / Left Bank to Right Bank

Description:

Stream Data Point for Stream 19.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 73

Data Point 99

Facing Southeast

Description:

PEM Wetland Data Point 99 for Wetland A8.



Photo No. 74

Data Point 100

Facing South

Description:

Upland Data Point 100 for Wetland A8.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 75

Data Point 101

Facing Southwest

Description:

PEM Wetland Data Point 101 for Wetland A9.



Photo No. 76

Data Point 102

Facing Northeast

Description:

Upland Data Point 102 adjacent Wetland A9.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

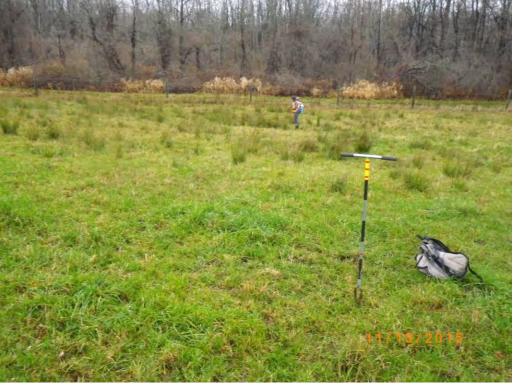
150001

Photo No. 77 Data Point 103 Facing East Description: PEM Wetland Data Point 103 for Wetland Ato. PEM Wetland Data Point 103 for Wetland Data Point 104

Facing West

Description:

Upland Data Point 104 adjacent to Wetland A10.





Project Name:

Facing North

200.

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 79 Data Point 200 **Description:** Overview of PEM portion of Wetland A200 from PEM Data Point

Photo No. 80

Data Point 201

Facing Southeast

Description:

Overview of PSS portion of Wetland A200 from PSS Data Point 201.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 81

Data Point 202

Facing Southeast

Description:

Overview of PFO portion of Wetland A200 from PFO Data Point 202



Photo No. 82

Data Point 203

Facing East

Description:

Overview of Uplands adjacent to Wetland A200.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 83

Data Point 204

Facing West

Description:

Overview of Wetland A201 from PEM Data Point 204.



Photo No. 84

Data Point 205

Facing East

Description:

Overview of Uplands adjacent to Wetland A201 from Data Point 205.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 85

Data Point 206

Facing Southwest

Description:

Overview of Wetland A202 from PEM Data Point 206.



Photo No. 86

Data Point 207

Facing Southeast

Description:

Overview of Uplands adjacent to Wetlands A202 and A203 from Data Point 207.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 87

Data Point 208

Facing Northwest

Description:

Overview of Wetland A203 from PEM Data Point 208.



Photo No. 88

Data Point 209

Facing West

Description:

Overview of PSS portion of Wetland A203 from PSS Data Point 209.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 89

Data Point 211

Facing Upstream/ Northeast

Description:

Stream Data Point for Stream A200.



Photo No. 90

Data Point 211

Facing Northwest / Downstream

Description:

Stream Data Point for Stream A200.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 91

Data Point 211

Facing Southeast / Right Bank to Left Bank

Description:

Stream Data Point for Stream A200.



Photo No. 92

Data Point 213

Facing Northwest

Description:

Overview of Wetland A204 from PEM Data Point 213.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 93

Data Point 214

Facing South

Description:

Overview of Wetland A205 from PFO Data Point 214.



Photo No. 94

Data Point 215

Facing East

Description:

Overview of Uplands adjacent to Wetland A204 and Wetland A205 from Data Point 215.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 95

Data Point 216

Facing Southwest

Description:

Overview of Wetland A206 from PEM Data Point 216.



Photo No. 96

Data Point 222

Facing East / Upstream

Description:

Stream Data Point for Stream A202.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 97

Data Point 222

Facing West / Downstream

Description:

Stream Data Point for Stream A202.



Photo No. 98

Data Point 222

Facing North / Left to Right Bank

Description:

Stream Data Point for Stream A202.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 99

Data Point 224

Facing West

Description:

Overview of Wetland A209 from PEM Data Point 224.



Photo No. 100

Data Point 225

Facing East

Description:

Overview of Uplands adjacent to Wetland A209 from Data Point 225.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 101

Data Point 226

Facing North

Description:

Overview of Uplands adjacent to Wetland A209, Wetland A210 and Wetland A211 from Data Point 226.



Photo No. 102

Data Point 227

Facing West

Description:

Overview of Wetland A10 from PEM Data Point 227





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 103

Data Point 228

Facing West

Description:

Overview of Wetland A211 from PEM Data Point 228.



Photo No. 104

Data Point 229

Facing East

Description:

Overview of Wetland A212 from PEM Data Point 229.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 105

Data Point 230

Facing West

Description:

Overview of Wetland A213 from PSS Data Point 230.



Photo No. 106

Data Point 231

Facing North

Description:

Overview of Uplands adjacent to Wetland A213 from Data Point 231.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 107

Data Point 232

Facing South

Description:

Overview of Wetland A214 from PEM Data Point 232.



Photo No. 108

Data Point 233

Facing South

Description:

Overview of PEM portion of Wetland A215 from PEM Data Point 233.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 109

Data Point 234

Facing North

Description:

Overview of PSS portion of Wetland A215 from PSS Data Point 234.



Photo No. 110

Data Point 235

Facing West

Description:

Overview of Wetland A216 from PSS Data Point 235.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 111

Data Point 236

Facing South

Description:

Overview of Uplands adjacent to Wetland A215 and Wetland A216 from Data Point 236.



Photo No. 112

Data Point 238

Facing North

Description:

Overview of Wetland A217 from PEM Data Point 238.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 113

Data Point 239

Facing West

Description:

Overview of Uplands adjacent to Wetland A217 and Wetland A218.



Photo No. 114

Data Point 240

Facing South

Description:

Overview of Wetland A218 from PSS Data Point 240.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 115

Data Point 241

Facing East

Description:

Overview of Uplands adjacent to Wetland A212 from Data Point 241.



Photo No. 116

Data Point 242

Facing South

Description:

Overview of Wetland A219 from PEM Data Point 242.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 117

Data Point 243

Facing South / Upstream

Description:

Stream Data Point for Stream A203.



Photo No. 118

Data Point 243

Facing North / Downstream

Description:

Stream Data Point for Stream A203.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 119

Data Point 243

Facing West / Left Bank to Right Bank

Description:

Stream Data Point for Stream A203.



Photo No. 120

Data Point 244

Facing West

Description:

Overview of Wetland A220 from PEM Data Point 244.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 121

Data Point 245

Facing East

Description:

Overview of Uplands adjacent to Wetland A220 from Data Point 245.



Photo No. 122

Data Point 247

Facing South

Description:

Overview of Wetland A221 from PEM Data Point 247.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 123

Data Point 248

Facing East

Description:

Overview of Wetland A222 from PEM Data Point 248.



Photo No. 124

Data Point 249

Facing Northwest / Upstream

Description:

Stream Data Point for Stream A204.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 125

Data Point 249

Facing Downstream/ Southeast

Description:

Stream Data Point for Stream A204.



Photo No. 126

Data Point 249

Facing Southwest / Left Bank to Right Bank

Description:

Stream Data Point for Stream A204.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 127

Data Point 250

Facing North

Description:

Overview of Uplands adjacent to Wetland A221, Wetland A222 and Wetland A223 from Data Point 250.



Photo No. 128

Data Point 252

Facing South

Description:

Overview of Wetland A223 from PEM Data Point 252.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 129

Data Point 253

Facing East

Description:

Overview of Wetland A224 from PEM Data Point 253.



Photo No. 130

Data Point 254

Facing East

Description:

Overview of Wetland A225 from PEM Data Point 254.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 131

Data Point 255

Facing East

Description:

Overview of Wetland A226 from PEM Data Point 255.



Photo No. 132

Data Point 256

Facing West

Description:

Overview of Uplands adjacent to Wetland A224, Wetland A225 and Wetland A226 from Data Point 256.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 133

Data Point 257

Facing West

Description:

Overview of Wetland A227 from PEM Data Point 257.



Photo No. 134

Data Point 258

Facing South

Description:

Overview of Wetland A228 from PEM Data Point 258.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 135

Data Point 259

Facing South

Description:

Overview of Uplands adjacent to Wetland A227, Wetland A228, and Wetland A229 from Data Point 259.



Photo No. 136

Data Point 261

Facing South / Upstream

Description:

Stream Data Point for Stream A204.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 137

Data Point 261

Facing North / Downstream

Description:

Stream Data Point for Stream A204.



Photo No. 138

Data Point 261

Facing West / Right Bank to Left Bank

Description:

Stream Data Point for Stream A204.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 139

Data Point 263

Facing West

Description:

Overview of Uplands near proposed T11 location from Data Point 263.



Photo No. 140

Data Point 265

Facing North

Description:

Overview of Wetland A230 from PEM Data Point 265.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No. 150001

Photo No. 141 Data Point 266 Facing East Description: Overview of Wetland A231 from PEM Data Point 266.



Photo No. 142

Data Point 267

Facing East

Description:

Overview of Uplands adjacent to Wetland A230 and Wetland A231 from Data Point 267.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 143

Data Point 269

Facing East

Description:

Overview of Wetland A232 from PEM Data Point 269.



Photo No. 144

Data Point 270

Facing East

Description:

Overview of Wetland A233 from PEM Data Point 270.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 145

Data Point 271

Facing East

Description:

Overview of Uplands adjacent to Wetlands A232 and A233 from Data Point 271.



Photo No. 146

Data Point 272

Facing West / Upstream

Description:

Stream Data Point for Stream A205.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 147

Data Point 272

Facing East / Downstream

Description:

Stream Data Point for Stream A205.



Photo No. 148

Data Point 272

Facing South / Left Bank to Right Bank

Description:

Stream Data Point for Stream A205.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 149

Data Point 273

Facing East

Description:

Overview of Wetland A234 from PEM Data Point 273.



Photo No. 150

Data Point 274

Facing West

Description:

Overview of Wetland A235 from PEM Data Point 274.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 151

Data Point 275

Facing north / Upstream

Description:

Stream Data Point for Stream A206.



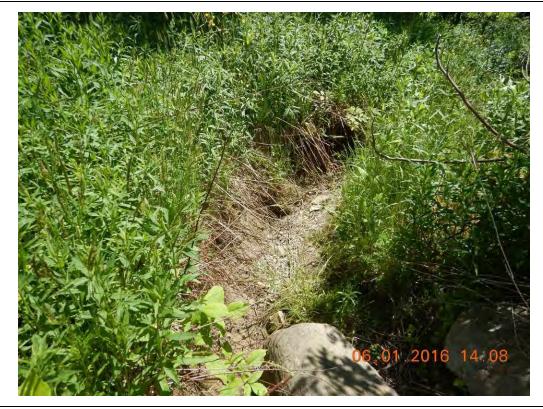
Photo No. 152

Data Point 275

Facing South / Downstream

Description:

Stream Data Point for Stream A206.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 153

Data Point 275

Facing West / Left Bank to Right Bank

Description:

Stream Data Point for Stream A206.



Photo No. 154

Data Point 276

Facing East

Description:

Overview of Wetland A236 from PEM Data Point 276.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 155 Data Point 277

Facing South

Description:

Overview of Wetland A236 from PSS Data Point 277.



Photo No. 156

Data Point 278

Facing South / Upstream

Description:

Stream Data Point for Stream A207.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001



Photo No. 158

Data Point 278

Facing East / Right Bank to Left Bank

Description:

Stream Data Point for Stream A207.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 159

Data Point 279

Facing North

Description:

Overview of Uplands adjacent to Wetland A235 and Wetland 236 from Data Point 279.



Photo No. 160

Data Point 285

Facing East / Upstream

Description:

Stream Data Point for Stream AA209.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 161

Data Point 285

Facing West / Downstream

Description:

Stream Data Point for Stream AA209.



Photo No. 162

Data Point 285

Facing South / Right Bank to Left Bank

Description:

Stream Data Point for Stream AA209.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 163

Data Point 286

Facing South / Upstream

Description:

Stream Data Point for Stream A208.



Photo No. 164

Data Point 286

Facing North / Downstream

Description:

Stream Data Point for Stream A208.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 165

Data Point 286

Facing West / Right Bank to Left Bank

Description:

Stream Data Point for Stream A208.



Photo No. 166

Data Point 287

Facing East / Upstream

Description:

Stream Data Point for Stream A210.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 167

Data Point 287

Facing West / Downstream

Description:

Stream Data Point for Stream A210.



Photo No. 168

Data Point 287

Facing South / Right Bank to Left Bank

Description:

Stream Data Point for Stream A210.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 169

Data Point 288

Facing South / Upstream

Description:

Stream Data Point for Stream A211.



Photo No. 170

Data Point 288

Facing North / Downstream

Description:

Stream Data Point for Stream A211.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 171

Data Point 288

Facing West / Right Bank to Left Bank

Description:

Stream Data Point for Stream A211.



Photo No. 172

Data Point 289

Facing East

Description:

Overview of Wetland A237 from PEM Data Point 289.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 173

Data Point 290

Facing North

Description:

Overview of Uplands adjacent to Wetland A237 and Wetland A238 from Data Point 290.



Photo No. 174

Data Point 291

Facing South

Description:

Overview of Wetland A238 from PEM Data Point 291.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 175

Data Point 292

Facing East

Description:

Overview of Wetland A238 from PSS Data Point 292.



Photo No. 176

Data Point 293

Facing East / Upstream

Description:

Stream Data Point for Stream A212.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 177

Data Point 293

Facing West / Downstream

Description:

Stream Data Point for Stream A212.



Photo No. 178

Data Point 293

Facing South / Right Bank to Left Bank

Description:

Stream Data Point for Stream A212.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 179

Data Point 294

Facing East / Upstream

Description:

Stream Data Point for Stream A213.



Photo No. 180

Data Point 294

Facing West / Downstream

Description:

Stream Data Point for Stream A213.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 181

Data Point 294

Facing South / Right Bank to Left Bank

Description:

Stream Data Point for Stream A213.



Photo No. 182

Data Point 295

Facing East

Description:

Overview of Wetland A239 from PEM Data Point 295.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 183

Data Point 296

Facing South

Description:

Overview of Wetland A239 from PFO Data Point 296.



Photo No. 184

Data Point 297

Facing West

Description:

Overview of Uplands Adjacent to Wetlands A238 and A239 from Data Point 297.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

 Photo No. 185

 Data Point 500

 Facing South

 Description:

 PEM Wetland Data

 Point for Wetland A500

Photo No. 186

Data Point 501

Facing North

Description:

Upland Data Point for Wetland A500





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 187

Data Point 502

Facing East / Upstream

Description:

Stream Data Point for Stream A500



Photo No. 188

Data Point 502

Facing West / Downstream

Description:

Stream Data Point for Stream A500





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 189

Data Point 502

Facing North / Right Bank to Left Bank

Description:

Stream Data Point for Stream A500



Photo No. 190

Data Point 503

Facing North

Description:

PSS/PEM Wetland Data Point for Wetland A501.





Project Name:

Ball Hill Wind Project

Site Location:

Chautauqua County, NY

Project No.

150001

Photo No. 191

Data Point 504

Facing North / Upstream

Description:

Stream Data Point for Stream A501.



Photo No. 192

Data Point 504

Facing South / Downstream

Description:

Stream Data Point for Stream A501.

