

**Table 5.3  
Stream Crossings  
Marble River Wind Power Project  
Clinton County, New York**

NYSDEC Stream ID Number	Waterbody Name	NYSDEC Classification <sup>1</sup>	TtEC Channel Identifier	Location	Pond/ Stream/ Spring	Survey Date	Flow Regime	Flow Direction	Real-time velocity	Width <sup>2</sup> (feet)	Depth <sup>2</sup> (feet)	Substrate	Bank Vegetation	Wetland Association
<b>Turbines</b>														
N/A	Unnamed	N/A	WTG3A-A/B-ST	WTG3A	Stream	12/5/05	Intermittent	North	Slow	0.5	0.75	mud	PSS	WTG3A-A/B
<b>Access Roads</b>														
N/A	Unnamed	N/A	WTG206-ST(ditch)	WTG206	Ditch	12/7/05	Intermittent	N/A	N/A	N/A	N/A	N/A	PSS/PEM	None
A15P910-12	Unnamed Tributary	D	WTG5A-A/B-ST	Access Road from WTG5A to WTG174	Stream	12/6/05	Perennial	West	Slow	3-4	1-1.5	gravel / muck	PSS/PEM	WTG5A-A/B
N/A	Unnamed	N/A	ARST1	Between Turbines 73-W and Gagnier Rd	Stream	10/05/05	Intermittent	South	Dry	1.5	1.0	Cobble	PSS	None
N/A	Unnamed	N/A	AR11A/B-ST-1	Between Turbines 161, 90 and 91	Stream	09/30/05	Perennial	Southwest and East	Moderate	1.5	0.3	Silt	PEM	AR11A/B
N/A	Unnamed	N/A	AR11A/B-ST2	Between Turbines 161, 90 and 91	Spring	09/30/05	Perennial	N/A	N/A	N/A	N/A	Silt	PEM	AR11A/B
A15P910-4	English River	C(T)	Soucia Stream 1	Soucia Road	Stream	10/17/05	Perennial	East	Rapid	21.0	2.0	Boulder, Cobble	OW	None
N/A	Unnamed	N/A	AR58A/B-ST1	Soucia Road	Stream	10/18/05	Intermittent	East	Slow	5.0	0.5	Gravel, Sand	PSS	AR58A/B
N/A	Unnamed	N/A	AR58B-ST2	Soucia Road	Stream	10/18/05	Intermittent	East	Slow	5.0	0.5	Gravel	PEM	AR58B
A15P910-6	Tributary to English River	D	AR62B-ST	Soucia Road	Stream	10/19/05	Intermittent	East	Moderate	5.0	0.7	Gravel	PEM	AR62-B
A15P910-6	Tributary to English River	D	AR64A/B-ST	Soucia Road	Stream	10/19/05	Intermittent	East	Slow	8.0	0.5	Clay, Silt	PEM	AR64-A/B
N/A	Unnamed	N/A	AR69A-ST	Between Turbines 155 and 117	Stream	10/20/05	Perennial	South Southwest	Stagnant	3.0	0.5	Silt	PEM	None
A-15P910-12	Unnamed	D	AR77AB-ST	Robare Pond Road	Stream	10/22/05	Perennial	North	Moderate	5.0	0.7	Gravel, Sand	PSS	AR77A/B
N/A	Unnamed	N/A	AR78A-ST	Robare Pond Road	Stream	10/23/05	Intermittent	N/D	Stagnant	7.0	3.0	Silt	PFO/PEM	AR78A
A15P910-12	Unnamed	D	AR79A/B-ST2	Robare Pond Road	Stream	10/23/05	Perennial	North	Moderate	20.0	1.3	Gravel, Sand	PSS	AR79A/B
N/A	Unnamed	N/A	AR79B-ST	Robare Pond Road	Stream	10/23/05	Intermittent	North	Slow	3.0	0.5	gravel, silt	PSS	AR79B
N/A	Unnamed	N/A	AR104A/B-ST	Former access road from Turbine 53 to Turbine 52	Stream	10/07/05	Perennial	North	Slow	4.0	0.5	Rock	PSS	AR104A/B
A15P910-28	Tributary of Marble River	D	AR111A/B-ST	Between Turbine 206 and 55	Stream	10/09/05	N/D	North	Stagnant	8.0	1.0	Silt	PFO	AR111A
A15P910-15	Tributary of Hinchinbrook Brook	D	AR114A/B-ST	Between Turbine 84 and Clinton Mills Rd	Stream	10/10/05	Perennial	North	Moderate	8.0	1.0	Cobble, Sand	PFO	AR114-A/B
A15P910-16	Hinchinbrook Brook	D	AR115A/B-ST	Between Turbine 84 and Clinton Mills Rd	Pond	10/10/05	Perennial	West	N/A	-	-	N/A	PSS	AR115A/B/C/D
A15P910-15	Tributary of Hinchinbrook Brook	D	AR118A/B-ST	Between Whalen Road and Turbine 36A	Stream	10/11/05	Perennial	West	Slow	3.0	0.5	Cobble, Gravel	PEM	AR118AB
A15P910-15	Tributary of Hinchinbrook Brook	D	AR118A/B-STA	Between Whalen Road and Turbine 36A	Stream	10/11/05	Perennial	West	Slow	2.0	0.3	Gravel, Silt	PEM	AR118AB
A15P910-15	Tributary to Hinchinbrook Brook	D	AR119A/B-ST	Between Lagree Road and Turbine 85	Stream	10/17/05	Perennial	West	Slow	3.0	1.0	Rock, Silt	PSS	AR119AB
A15P910-6	Tributary to English River	D	AR205A/B-STA	Between Soucia Road and Turbine 155	Stream	10/17/05	Perennial	East	Rapid	6.0	1.0	Silt, Cobble	PSS, PEM	AR205A/B
A15P910-6	Tributary to English River	D	AR205A/B-STB	Between Soucia Road and Turbine 155	Stream	10/17/05	Perennial	East	Rapid	8.0	1.0	Silt, Cobble	PSS, PEM	AR205A/B
A15P910-6	Tributary to English River	D	AR205A/B-STC	Between Soucia Road and Turbine 155	Beaver Pond	10/17/05	Perennial	N/A	N/A	-	-	Silt	PSS, PEM	AR205B
N/A	Unnamed	N/A	AR206A/B-STA	Between Soucia Road and Turbine 155	Stream	10/18/05	Intermittent	South	Slow	1.5	0.5	Rock, Cobble, Silt	PEM	AR206B
N/A	Unnamed	N/A	AR206A/B-STB	Between Soucia Road and Turbine 155	Stream	10/18/05	Intermittent	Southwest and Southeast	Slow	1.5	0.3	Rock, Silt	PEM	AR206A/B
N/A	Unnamed	N/A	AR208A-STA	Between Soucia Road and Turbine 155	Small Pond	10/19/05	Perennial	N/A	N/A	30.0	1.0	Silt	PEM	AR208A
N/A	Unnamed	N/A	AR209A-STA	Between Turbines 155 and 117	Large Pond	10/20/05	Perennial	N/A	N/A	900.0	>30	Silt	OW	AR209A
N/A	Unnamed	N/A	AR210A/B/C/D -STA	Between Turbines 155 and 117	Stream	10/19/05	Intermittent	South Southwest	Moderate	2.0	1.0	Silt	Upland Forest, PEM	AR210A/B/D

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NYSDEC Stream ID Number	Waterbody Name	NYSDEC Classification <sup>1</sup>	TtEC Channel Identifier	Location	Pond/Stream/Spring	Survey Date	Flow Regime	Flow Direction	Real-time velocity	Width <sup>2</sup> (feet)	Depth <sup>2</sup> (feet)	Substrate	Bank Vegetation	Wetland Association
N/A	Unnamed	N/A	AR210A/B/C/D -STB	Between Turbines 155 and 117	Stream	10/19/05	Intermittent	East Southeast	Slow	3.0	1.5	Silt	Upland Forest, PEM	AR210A/B/D
N/A	Unnamed	N/A	AR210A/B/C/D -STC	Between Turbines 155 and 117	Stream	10/19/05	Intermittent	South Southwest	Slow	2.0	1.0	Silt	Upland Forest, PEM	AR210C
N/A	Unnamed	N/A	AR212-STA	Between Turbines 155 and 115	Stream	10/21/05	Intermittent	Southwest	N/A	1.0	2.0	Silt	Upland Forest, PSS, PEM	AR212A
N/A	Unnamed	N/A	AR212-STB	Between Turbines 155 and 115	Pond	10/21/05	Intermittent	N/A	N/A	20.0	1.0	Silt	Upland Forest	AR212A
N/A	Unnamed	N/A	AR213A-STA	Between Turbines 155 and 115	Stream	10/21/05	Intermittent	Southeast	Moderate	3.0	1.0	Silt	Upland Forest, PFO, PSS, PEM	AR213A/B/C
N/A	Unnamed	N/A	AR215A-STA	Between Turbines 115 and 156	Stream	10/21/05	Intermittent	East Southeast	Slow	3.0	1.0	Gravel	Upland Forest	None
N/A	Unnamed	N/A	AR217A-STA	Between Turbines 116 and 119	Stream	10/24/05	Intermittent	North	Rapid	3.0	0.7	Silt	Upland Forest	None
N/A	Unnamed	N/A	AR217A-STB	Between Turbines 116 and 119	Stream	10/24/05	Intermittent	North	Rapid	4.0	1.0	Silt	Upland Forest	None
N/A	Unnamed	N/A	AR217A-STC	Between Turbines 116 and 119	Stream	10/24/05	Intermittent	North	Moderate	3.0	1.0	Silt	Upland Forest	None
N/A	Unnamed	N/A	AR218A/B-STA	At Turbine 116	Stream	10/24/05	Intermittent	North	Rapid	5.0	1.0	Silt	PEM	AR218A/B
A15P910-6	Tributary to Crystal Creek	DD	AR506A/B-ST	Between Turbines 146-R and 147	Stream	11/07/05	Perennial	East Southeast	Moderate	6.0	1.0	Rock, Cobble, Sandy Loam	OW	AR506A
A15P910-6	Tributary to English River	DD	AR524A/B/C-ST	Between Turbines 137-W and 155	Stream	11/10/05	Intermittent	South	Moderate	5.0	1.0	Sandy Loam	PFO	AR524A/B/C
A15P910-12	Unnamed Tributary	D	AR534-A/B-ST	East of WTG15	Pond/Stream	12/7/05	Intermittent	South to North	N/A	3-6	0.5-1	Cobbles-muck	PSS	AR534-A/B
N/A	Unnamed	N/A	AR541-ST	Access Road north of WTG200	Ditch	12/8/05	Intermittent	N/A	N/A	N/A	N/A	N/A	PSS/PEM	None
A15P910-5	English River	D	AR599A/B-ST	Bootleg Road	Stream	11/07/05	Perennial	South Southeast	Moderate	10.0	2.0	Cobble	PSS	AR599A/B
N/A	Unnamed	N/A	AR620-ST	Between Clinton Mills Road and railroad right-of-way	Stream	11/11/05	Intermittent	East	Rapid	4.0	1.5	Gravel	PSS, PEM	AR620A/B/C
N/A	Unnamed	N/A	AR621-ST	Between railroad right-of-way and Turbine 136	Stream	11/11/05	Intermittent	North	Moderate	2.0	0.5	Gravel, Sand	Upland Shrub, PFO	AR621A/B/C/D
A15P910-28	Tributary to Marble River	D	AR629A/B-ST	East of WTG150-W	Stream	12/8/05	Perennial	West	Moderate	1	1	Gravel	PSS	AR629-A/B
<b>Crane Walks</b>														
A15P910-4	English River	C(T)	Soucia_st_a/b	Soucia Road	Stream	10/17/05	Perennial	East	Rapid	21.0	2.0	Boulder, Cobble	OW	None
<b>Interconnects</b>														
A15P910-5	English River	D	AR599A/B-ST	Bootleg Road	Stream	11/07/05	Perennial	South Southeast	Moderate	10.0	2.0	Cobble	PSS	AR599A/B
A15P910-12	Unnamed Tributary	D	AR533-A/B-ST	South of Turbine 9A access road	Stream	12/6/05	Perennial	West	Moderate	10.0	1	Cobble	PSS	AR533A/B
N/A	Unnamed	N/A	AR624-A/B-ST	Access Road to Turbine 174	Stream	12/6/05	Intermittent	South	Slow	3.0	1.0	Silt	PFO/PEM	AR624A/B/C

N/A = Not Applicable

N/D = Not Determined

<sup>1</sup> = Classifications defined in Section 5.2

<sup>2</sup> = Measurements from Observed High Water (OHW)