



Photo 13

Representative Ephemeral
Stream Channel



Photo 14

Representative Ephemeral
Stream Channel

South Ripley Solar Project

Town of Ripley, Chautauqua County, New York

Appendix C: Photographs of Representative Wetland, Stream and Upland Communities

Sheet 7 of 15



Photo 15

Representative Ephemeral
Stream Channel



Photo 16

Representative Intermittent
Stream Channel

South Ripley Solar Project

Town of Ripley, Chautauqua County, New York

Appendix C: Photographs of Representative Wetland, Stream and Upland Communities

Sheet 8 of 15



Photo 17

Representative Intermittent
Stream Channel

8/7/20, 10:15 AM



Photo 18

Representative Intermittent
Stream Channel

8/7/20, 10:15 AM

South Ripley Solar Project

Town of Ripley, Chautauqua County, New York

Appendix C: Photographs of Representative Wetland, Stream and Upland Communities

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Photo 19

Representative Upper
Perennial Stream Channel



Photo 20

Representative Upper
Perennial Stream Channel

South Ripley Solar Project

Town of Ripley, Chautauqua County, New York

Appendix C: Photographs of Representative Wetland, Stream and Upland Communities

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Photo 21

Representative Upper
Perennial Stream Channel



Photo 22

Representative Lower
Perennial Stream Channel

South Ripley Solar Project

Town of Ripley, Chautauqua County, New York

Appendix C: Photographs of Representative Wetland, Stream and Upland Communities

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Photo 23

Representative Lower
Perennial Stream Channel



Photo 24

Representative Lower
Perennial Stream Channel

South Ripley Solar Project

Town of Ripley, Chautauqua County, New York

Appendix C: Photographs of Representative Wetland, Stream and Upland Communities

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Photo 25

Representative Wetland
Edge Ditch



Photo 26

Representative Roadside
Drainage Ditch

South Ripley Solar Project

Town of Ripley, Chautauqua County, New York

Appendix C: Photographs of Representative Wetland, Stream and Upland Communities

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Photo 27

Representative Upland Field
Ditch



Photo 28

Representative Upland Field
and Forest Community

South Ripley Solar Project

Town of Ripley, Chautauqua County, New York

Appendix C: Photographs of Representative Wetland, Stream and Upland Communities

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Photo 29

Representative Upland Field
Community



Photo 30

Representative Upland
Forest Community

South Ripley Solar Project

Town of Ripley, Chautauqua County, New York

Appendix C: Photographs of Representative Wetland, Stream and Upland Communities

Sheet 15 of 15

APPENDIX D

Study Area Property Owners and Permission for Property Access

South Ripley Solar Wetland Study Area Property Owners

Owner	Mailing Address
Stephen M Barber	10350 NE Sherman Rd, Ripley, NY 14775
James Boria	PO Box 511, Findley Lake, NY 14736
William Theodore Boria	1662 Pekin Rd, Clymer, NY 14724
Dale D Bowen	22 S Gale St, Westfield, NY 147879792
Edward Byrne	174 Lockwood Ave, Buffalo, NY 14220
James E Chambers III	4156 Sinden Rd, Ripley, NY 14775
Cochran & Zandi Land LLC	PO Box 547, Sheffield, PA 16347
Lyle A Cox Sr.	9823 NE Sherman Rd, Ripley, NY 14775
Megan Cunningham	108 Sunset Beach Rd, Northeast, PA 16428
Erie Power LLC	131 Varick St 1106, New York, NY 10013
Gary A Flowers	3148 Lake Front Dr, Erie, PA 16505
Lisa M Gonzales	4560 Miller Rd, Ripley, NY 14775
Scott R Henry	4788 Miller Rd, Ripley, NY 14775
Nathan Hopkins	PO Box 246, North East, PA 16428
Jeanette L Keem	10275 NE Sherman Rd, Ripley, NY 14775
Kevin M Klein	4875 Hedrick Rd, Waterford, PA 16441
Lake Cloudy Water Enterprise	11072 Freeport Ln, North East, PA 16428
Mary Jane Martin	PO Box 476, Findley Lake, NY 14736
Ronald Meeder	9279 NE Sherman Rd, Ripley, NY 14775
Sidney P Meeder	4859 Rt 76, Ripley, NY 14775
Carl A Mundaniohl	9784 NE Sherman Rd, Ripley, NY 14775
David P Ott	1509 Veshecco Dr, Erie, PA 16501
Joseph Ott	10101 Wilkins Rd, Erie, PA 16505
Parable Farm Inc	9584 NE Sherman Rd, Ripley, NY 14775
Bruce A Perdue	12710 Hammond Rd, North East, PA 16428
Michael E Pinzok	4077 Sinden Rd, Ripley, NY 14775
Alan Rara	PO Box 311, Ripley, NY 14775
Alan Rara	PO Box 87, Brocton, NY 14716
James Rathmell	10246 NE Sherman Rd, Ripley, NY 14775
William D Reed	10612 NE Sherman Rd, Ripley, NY 14775
Paul L Reslink	10392 NE Sherman Rd, Ripley, NY 14775
Barbara Spacht	2621 Dewey Rd, North East, PA 16428
Samuel Troup	1423 Westwood Dr, North Tonawanda, NY 14120
Troy V Walker	4105 County Road #13, Ripley, NY 14775
Troy Vincent Walker	9625 Common Wealth Rd, Bentonville, AK 72712
James K Warren	520 Belfrey Court, Avon Lake, OH 44012
Eric R Yokom	10771 NE Sherman Rd, Ripley, NY 147759771
Jeffrey S Yokom	10041 NE Sherman Rd, Ripley, NY 14775

APPENDIX E

Wetland Delineation Personnel

LIST OF PERSONNEL

Personnel	Office Address	Office Phone Number	Office Email
Tiffany Clay Environmental Analyst	274 N. Goodman Street Suite B260 Rochester, NY 14607	585-271-0040 x211	tclay@edrdpc.com
Joe Gallo Environmental Monitor	217 Montgomery Street Suite 1100 Syracuse, NY 13202	315-471-0688 x629	jgallo@edrdpc.com
Holly Kistner Environmental Analyst	274 N. Goodman Street Suite B260 Rochester, NY 14607	585-271-0040 x218	hkistner@edrdpc.com
Joseph Knight Environmental Analyst	217 Montgomery Street Suite 1100 Syracuse, NY 13202	315-471-0688 x225	jknight@edrdpc.com
Joshua Marchner, Environmental Field Services Leader	274 N. Goodman Street Suite B260 Rochester, NY 14607	585-271-0040 x227	jmarchner@edrdpc.com
Rachael Miller Environmental Analyst	217 Montgomery Street Suite 1100 Syracuse, NY 13202	315-471-0688 x603	rmiller@edrdpc.com
Samantha Parker-Fann Environmental Analyst	217 Montgomery Street Suite 1100 Syracuse, NY 13202	315-471-0688 x239	sparker@edrdpc.com
Matthew Spadoni Former EDR Employee	Not Available	Not Available	Not Available
Fisher Associates Subconsultant	180 Charlotte Street Rochester, NY, 14607	info@fisherassoc.com	585-334-1310

APPENDIX F

ORES Final Jurisdictional Determination Letters



**Office of
Renewable
Energy Siting**

ANDREW M. CUOMO
GOVERNOR

HOUTAN MOAVENI
ACTING EXECUTIVE DIRECTOR

**Wetlands Jurisdictional Determination
April 19, 2021**

Pursuant to § 900-1.3(e)(2), ConnectGen, LLC provided the document entitled “Wetland and Stream Delineation Report, South Ripley Solar”, dated January 2021, as well as shapefiles dated January 28, 2021, for the South Ripley Solar Project located in Chautauqua County, New York.

Pursuant to § 900-1.3(e)(4), the Office of Renewable Energy Siting (the Office or ORES), in consultation with the New York State Department of Environmental Conservation (NYSDEC), hereby provides in Attachment A specific jurisdictional determinations for state regulated wetlands identified in the draft wetland delineation report and shapefiles. The information provided in Attachment A will be necessary for developing Exhibit 14 (§900-2.15) in support of an application to the Office for a major renewable energy facility.

Please note that this determination only applies to major renewable energy facilities as defined by Section 94-c of New York Executive Law and 19 NYCRR Part 900. This determination does not cover other projects, nor does it cover determinations under other applicable federal, state, or local jurisdictions, such as the Army Corps of Engineer’s regulatory program under Section 404 of the Clean Water Act. Please contact those entities regarding their potential regulatory jurisdiction.

This determination is valid for a period of five years from the date of this letter. After five years, determinations and delineations will be considered expired and subject to change until a new determination or delineation is conducted and the Office extends this determination or issues a new jurisdictional determination.

CC: NYSDEC

Attachment A

Office of Renewable Energy Siting

Wetland specific jurisdictional determination for wetlands from draft wetland and waterbodies delineation report

Wetland Delineation ID ¹	Acreage	Category ²	State Wetland ID	Wetland Classification	Changes ³
FA Wetland 006	0.7	Unmapped>12.4	NA	NA	
FA Wetland 007	1.29	Unmapped>12.4	NA	NA	
FA Wetland 012	14.93	Unmapped>12.4	NA	NA	
FA Wetland 013	7.41	Unmapped>12.4	NA	NA	
FA Wetland 013	21.29	Unmapped>12.4	NA	NA	
FA Wetland 013	1.53	Unmapped>12.4	NA	NA	
FA Wetland 013	0.78	Unmapped>12.4	NA	NA	
FA Wetland 013	1.39	Unmapped>12.4	NA	NA	
FA Wetland 015	6.38	Unmapped>12.4	NA	NA	
FA Wetland 015	3.86	Unmapped>12.4	NA	NA	
FA Wetland 015	1.43	Unmapped>12.4	NA	NA	
FA Wetland 016	7.18	Unmapped>12.4	NA	NA	
FA Wetland 016	1.61	Unmapped>12.4	NA	NA	
FA Wetland 019	1.63	Unmapped>12.4	NA	NA	
FA Wetland 019	3.43	Unmapped>12.4	NA	NA	
FA Wetland 019	0.08	Unmapped>12.4	NA	NA	
FA Wetland 025	14.9	Mapped	SR-8	2	
FA Wetland 025	1.31	Mapped	SR-8	2	
FA Wetland 026	1.04	Mapped	SR-8	2	

Wetland Delineation ID ¹	Acreage	Category ²	State Wetland ID	Wetland Classification	Changes ³
FA Wetland 026	1.86	Mapped	SR-8	2	
FA Wetland 027	0.1	Mapped	SR-8	2	
FA Wetland 028	0.45	Mapped	SR-8	2	
FA Wetland 029	13.59	Unmapped>12.4	NA	NA	
FA Wetland 030	0.46	Unmapped>12.4	NA	NA	
Wetland 106	1.2	Unmapped>12.4	NA	NA	
Wetland 108	1.5	Mapped	SR-8	2	
Wetland 108	3.31	Mapped	SR-8	2	
Wetland 23	23.93	Mapped	SR-6	2	
Wetland 38	11.17	Unmapped>12.4	NA	NA	
Wetland 46	4.04	Mapped	SR-8	2	
Wetland 46	1.05	Mapped	SR-8	2	
Wetland 46	45.75	Mapped	SR-8	2	
Wetland 46	3.78	Mapped	SR-8	2	
Wetland 46	1.55	Mapped	SR-8	2	
Wetland 46	0.61	Mapped	SR-8	2	
Wetland 46	1.15	Mapped	SR-8	2	
Wetland 46	8.05	Mapped	SR-8	2	
Wetland 46	3.15	Mapped	SR-8	2	
Wetland 46	1.75	Mapped	SR-8	2	
Wetland 46	1.05	Mapped	SR-8	2	
Wetland 46	3.95	Mapped	SR-8	2	
Wetland 46	0.91	Mapped	SR-8	2	
Wetland 46	13.15	Mapped	SR-8	2	
Wetland 46	0.61	Mapped	SR-8	2	

Wetland Delineation ID ¹	Acreage	Category ²	State Wetland ID	Wetland Classification	Changes ³
Wetland 46	3.58	Mapped	SR-8	2	
Wetland 51	0.8	Mapped	SR-8	2	
Wetland 51	3.99	Mapped	SR-8	2	
Wetland 53	0.17	Mapped	SR-8	2	
Wetland 83	13.06	Unmapped>12.4	NA	NA	
Wetland 83	0.27	Unmapped>12.4	NA	NA	
Wetland 83	0.44	Unmapped>12.4	NA	NA	
Wetland 83	3.42	Unmapped>12.4	NA	NA	
Wetland 83	0.04	Unmapped>12.4	NA	NA	
Wetland 86	2.53	Mapped	SR-8	2	
Wetland 86	0.06	Mapped	SR-8	2	
Wetland 86	0.33	Mapped	SR-8	2	
Wetland 87	0.14	Mapped	SR-8	2	
Wetland 98	6.63	Unmapped>12.4	NA	NA	
¹ ID assigned by applicant in draft wetland delineation report.					
² Includes mapped wetlands and unmapped wetlands with a total area greater than 12.4 acres in size.					
³ Changes include any minor adjustments to features provided by the applicant					



**Office of
Renewable
Energy Siting**

ANDREW M. CUOMO
GOVERNOR

HOUTAN MOAVENI
ACTING EXECUTIVE DIRECTOR

**Surface Waters Jurisdictional Determination
April 19, 2021**

Pursuant to § 900-1.3(f)(2), ConnectGen, LLC provided the document entitled “Wetland and Stream Delineation Report, South Ripley Solar”, prepared by EDR and dated January 2021, as well as shapefiles dated January 28, 2021, for the South Ripley Solar Project located in Chautauqua County, New York.

Pursuant to § 900-1.3(f)(4), the Office of Renewable Energy Siting (the Office or ORES), in consultation with the New York State Department of Environmental Conservation (NYSDEC), hereby provides in Attachment A specific jurisdictional determinations for state regulated surface waters identified in the draft surface waters delineation report and shapefiles. The information provided in Attachment A will be necessary for developing Exhibit 13 (19 NYCRR §900-2.14) in support of an application to ORES for a major renewable energy facility.

Please note that this determination only applies to major renewable energy facilities as defined by Section 94-c of New York Executive Law and 19 NYCRR Part 900. This determination does not cover other projects, nor does it cover determinations under other applicable federal, state, or local jurisdictions, such as the Army Corps of Engineer’s regulatory program under Section 404 of the Clean Water Act. Please contact those entities regarding their potential regulatory jurisdiction.

This determination is valid for a period of five years from the date of this letter. After five years, determinations and delineations will be considered expired and subject to change until a new determination or delineation is conducted and the Office extends this determination or issues a new jurisdictional determination.

CC: NYSDEC

Attachment A

Office of Renewable Energy Siting

Water specific jurisdictional determinations for surface waters identified in the draft wetland and waterbodies delineation report

Stream Delineation ID ¹	Flow Char./ Stream Type ²	Stream Name	NYS Stream Class	Waterbody Identification Number (WIN)	Protected Stream (ECL 15-0501) (Yes/No)	Navigable Water (ECL 15-505) (Yes/No)	Stream Order (1 or >1)	Description of minor adjustments from draft delineation report, in any.
ST-04	Perennial	Twentymile Creek	C(t)	E-96	Yes	Yes	2	
ST-04.2	Perennial	Twentymile Creek	C(t)	E-96	Yes	Yes	2	
ST-04.3	Perennial	Twentymile Creek	C(t)	E-96	Yes	Yes	2	
ST-04.1	Perennial	Twentymile Creek	C(t)	E-96	Yes	Yes	2	
ST-08.3	Perennial	Unnamed Tributary to Twentymile Creek	C(t)	Unmapped	Yes	No	1	
ST-02.4	Perennial	Unnamed Tributary to Twentymile Creek	C(t)	Unmapped	Yes	No	2	
ST-02.5	Perennial	Unnamed Tributary to Twentymile Creek	C(t)	Unmapped	Yes	No	2	
ST-08	Perennial	Unnamed Tributary to Twentymile Creek	C(t)	Unmapped	Yes	No	1	
ST-08.4	Perennial	Unnamed Tributary to Twentymile Creek	C(t)	Unmapped	Yes	No	1	
ST-20.3	Perennial	Unnamed Tributary to Twentymile Creek	C(t)	Unmapped	Yes	No	1	
ST-04.1	Perennial	Twentymile Creek	C(t)	E-96	Yes	Yes	2	
ST-55.1	Perennial	Unnamed Tributary to Twentymile Creek	C(t)	Unmapped	Yes	No	1	

ST-55	Perennial	Unnamed Tributary to Twentymile Creek	C(t)	Unmapped	Yes	No	1	
ST-78	Perennial	Twentymile Creek	C(t)	E-96	Yes	Yes	2	

¹ ID assigned by applicant in draft wetland delineation report.
² Perennial, intermittent, ephemeral.