

HUDSON RIVER-BLACK RIVER REGULATING DISTRICT

BENEFICIARY SITE SURVEY

HISTORY

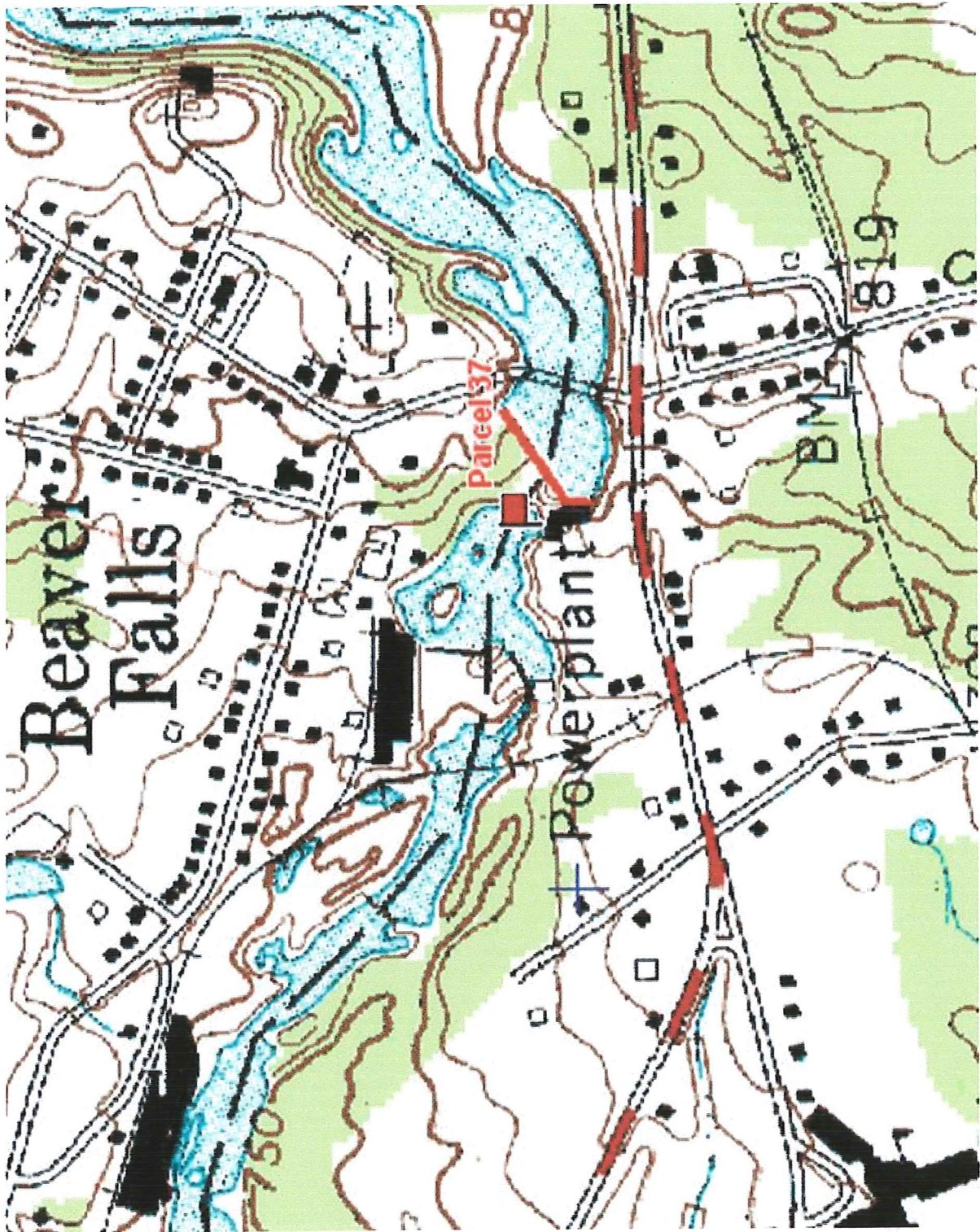
Parcel No. 37 December 15, 1922 — Lewis, Slocum and Lefevre Company

All those certain tracts or parcels of real estate situated in the Towns of Croghan and New Bremen, County of Lewis, State of New York, being the water power and mill property owned by the Lewis, Slocum and Lefevre Company at Beaver Falls; said real estate is more particularly described as the upper dam and mill property, situated on the southerly side of the Beaver River, in the Town of New Bremen, including the dam and other structures across the Beaver River; and including also all water power, water rights, privileges, easements, dams, raceways, flumes, buildings, mills and fixtures of every kind appurtenant to the said real estate above described.

CHANGES: SINCE DECEMBER 15, 1922

- 1941 Changed to J. P. Lewis Company
- 1974 Changed to Latex Fiber Industries Inc.
- 1978 Changed to Boise Cascade Spec. Paper Board Div.
- 1992 Changed to Beaver Falls Power Company

Map



HUDSON RIVER-BLACK RIVER REGULATING DISTRICT

BLACK RIVER AREA BENEFICIARY SITE SURVEY

SURVEY QUESTIONS

DATE OF SITE SURVEY: 8/9/00
DATE LAST UPDATED: 8/10/00

SITE NUMBER: 42 FERC #: P - 2645 - NY NATDAM #: NY00693
OWNER: Erie Boulevard Hydropower L.P. c/o Orion Power New York NY83099
MAILING ADDRESS: 137 Main Ave. NY83100
Watertown, NY
CONTACT PERSON: John Elmer - Operations and Maintenance
PHONE NUMBERS: Work: (315) 788 - 4262 Cell Phone: 771 - 2718
Fax: (315) 782 - 2261 (also) 1 - 800 - 836 - 2337 Pin # 47250
E-MAIL ADDRESS: John.Elmer@orionpowerny.com
SECONDARY CONTACT: Bill Friers - Control
PHONE NUMBERS: Work: (315) 413 - 2839
Fax: (315) 461 - 8671
TAX MAP PARCEL #: 102.00 - 02 - 13.000

DESCRIPTION OF FACILITY:

This parcel known as Highfalls consists of a large dam, a single penstock and three generating units. The dam is constructed on top of an old falls site, hence the name. Before the dam development the falls must have been an impressive site. The dam itself is impressive being over 1000' in length and 38' in height. This dam is L shaped with the intake for the penstock on the south bank. The penstock is 12' in diameter and 600' in length producing a head of 95.5'. The camps located next to the Highfalls dam are still retained by the Lewis family who first constructed the dam. The power generation plant houses three units with a total capacity of 5.6MW at a flow of 900 c.f.s. One unit must run at half gate for downstream users. There is a minimum flow requirement of 30 c.f.s. through the gate structure. The maximum discharge through the waste gate is 3200 c.f.s. It takes 4 hrs for the water to flow to the next station. It only takes 175 c.f.s of flow to vary the pond 0.1' per hour.

LATITUDE: N43 - 55' - 34.5"

LONGITUDE: W75 - 22' - 23.9"

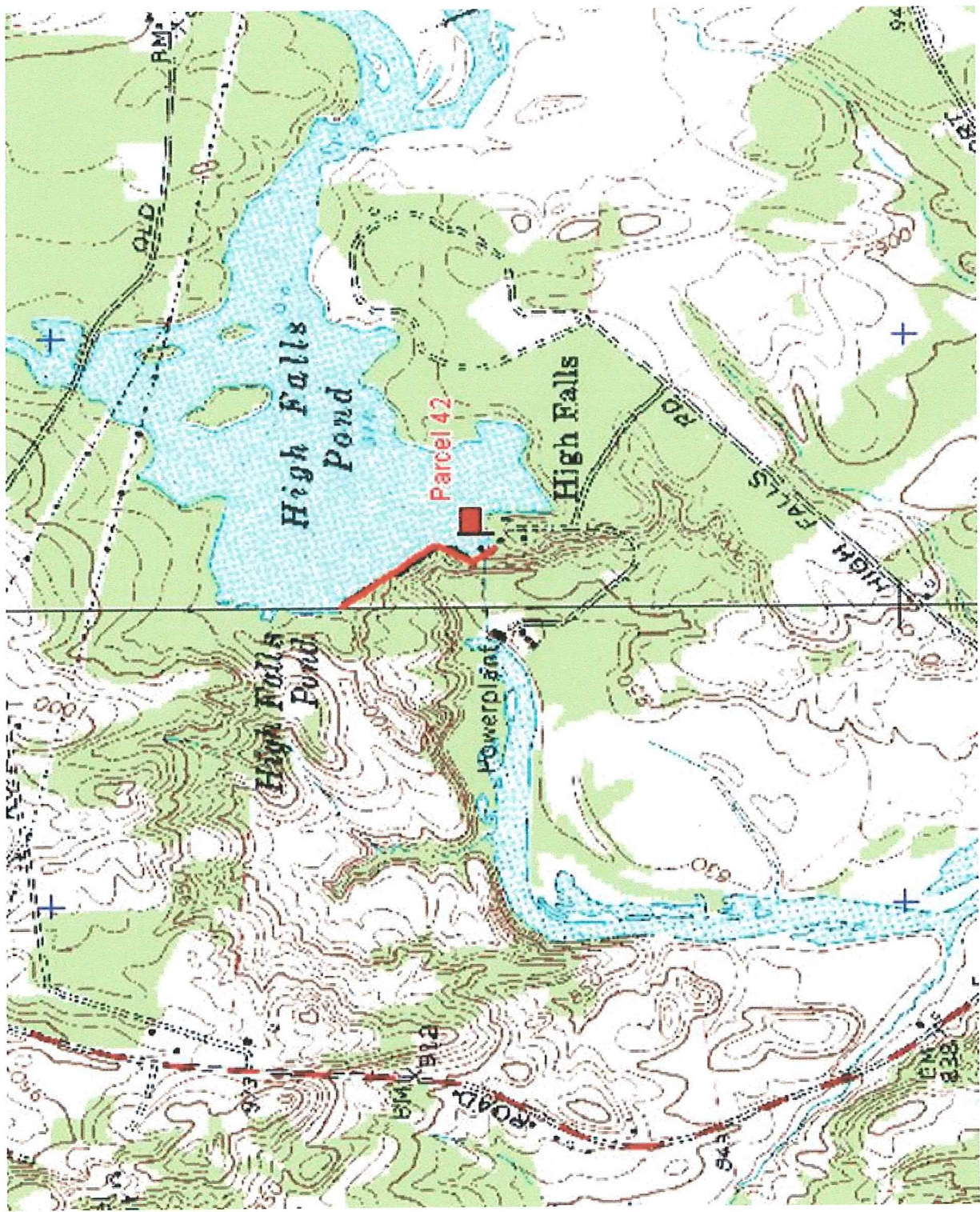
COMPASS BEARING OF DAM AXIS: L shaped; 342 degrees M on major axis

ELEVATION OF CREST: 915'

HISTORY OF DAM:

1. Year Constructed	1925		
2. Type of Dam	Concrete gravity		
3. General Condition	Good		
4. Dimensions	Length: 1000'	Height: 38'	
5. Developed head	Actual 95.5'	Recorded 95.5'	
6. Flashboards	Yes	No	Height

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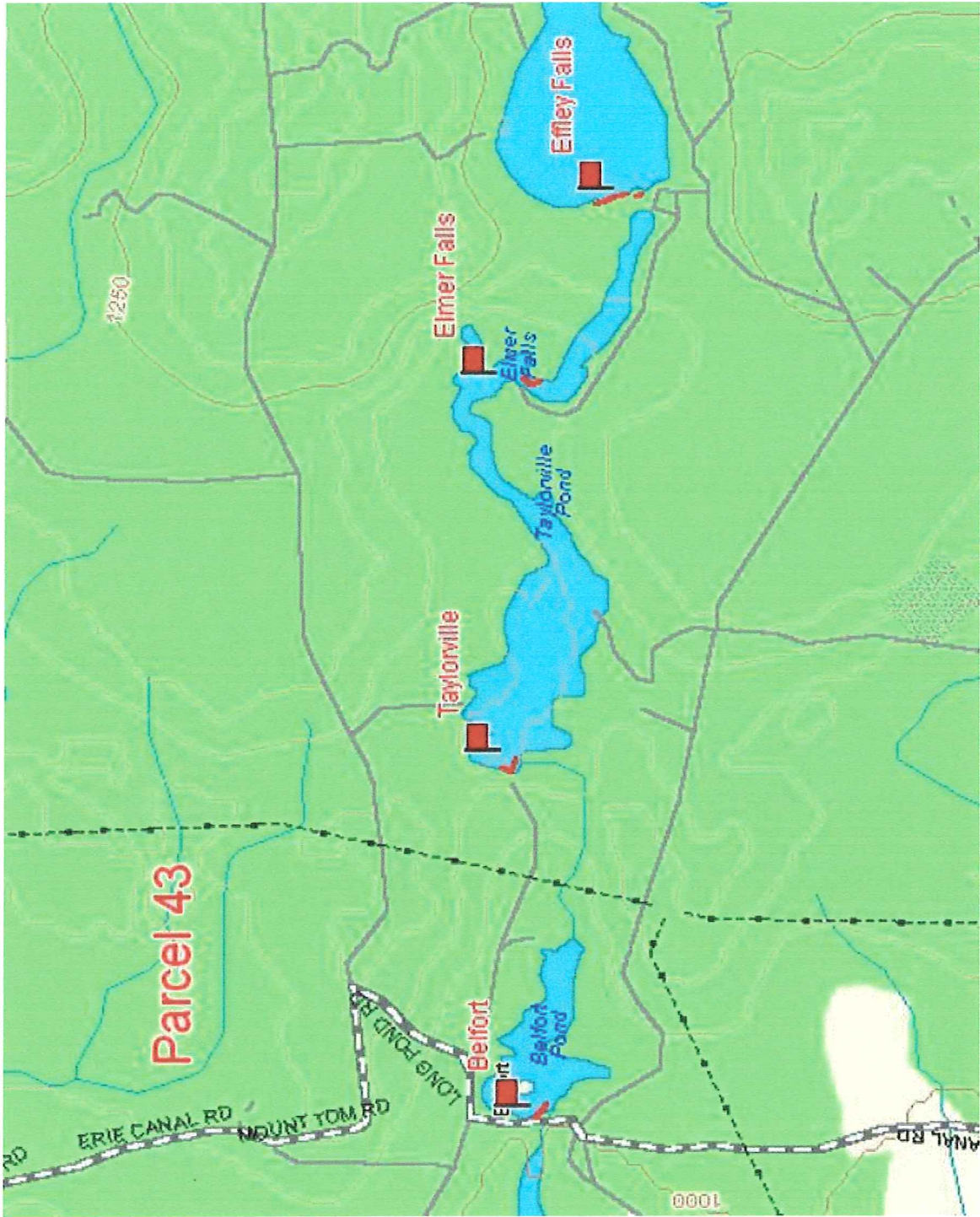
Parcel No. 43 December 15, 1922 --- Northern New York Utilities, Inc.

All that certain tracts or parcels of real estate situated in the Town of Croghan, County of Lewis State of New York, being the Beaver River water power properties owned by the Northern New York Utilities, Inc.; said real estate is more particularly described as follows: (1) the Belfort power plant and water power situated on the northerly side of the Beaver River in the hamlet of Belfort, including the dam and other structures across the Beaver River; (2) The Taylorville power plant and water power situated on the northerly side of the Beaver River in the hamlet of Taylorville, including the dam and other structures across or along the Beaver River; (3) the Elmer Falls power plant and water power situated on the southerly side of the Beaver River at Elmer Falls, including the dam and other structures across the Beaver River; (4) the Effley Falls power plant and water power, situated on the southerly side of the Beaver River at Effley Falls, including the dam and other structures across the Beaver River; and including also all water power, water rights, flowage rights, privileges, easements, dams raceways, flumes, pipe lines, buildings, and fixtures of every kind appurtenant to the said real estate above described.

CHANGES: SINCE DECEMBER 15, 1922

- 1938 Changed to Central New York Power Corp.
- 1951 Changed to Niagara Mohawk Power Corporation
- 2000 Changed to Erie Boulevard Hydropower, L.P.A52

Map



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BENEFICIARY SITE SURVEY

HISTORY

Parcel No. 44 December 15, 1922 — Power Corporation Of New York

All those certain tracts or parcels of real estate situated in the Towns of Croghan, and Watson County of Lewis, State of New York, being the Soft Maple Dam water power property owned by the Power Corporation of New York; said real estate includes the bed and banks of the Beaver River from the lands owned by the Northern New York Utilities near the head of the Effley Falls Pond up to the Eagle Falls Power Plant owned by the said Power Corporation of New York; including all water power, water rights, flowage rights, privileges, easements, dams and other structures of every kind appurtenant to the said real estate above described.

CHANGES: SINCE DECEMBER 15, 1922

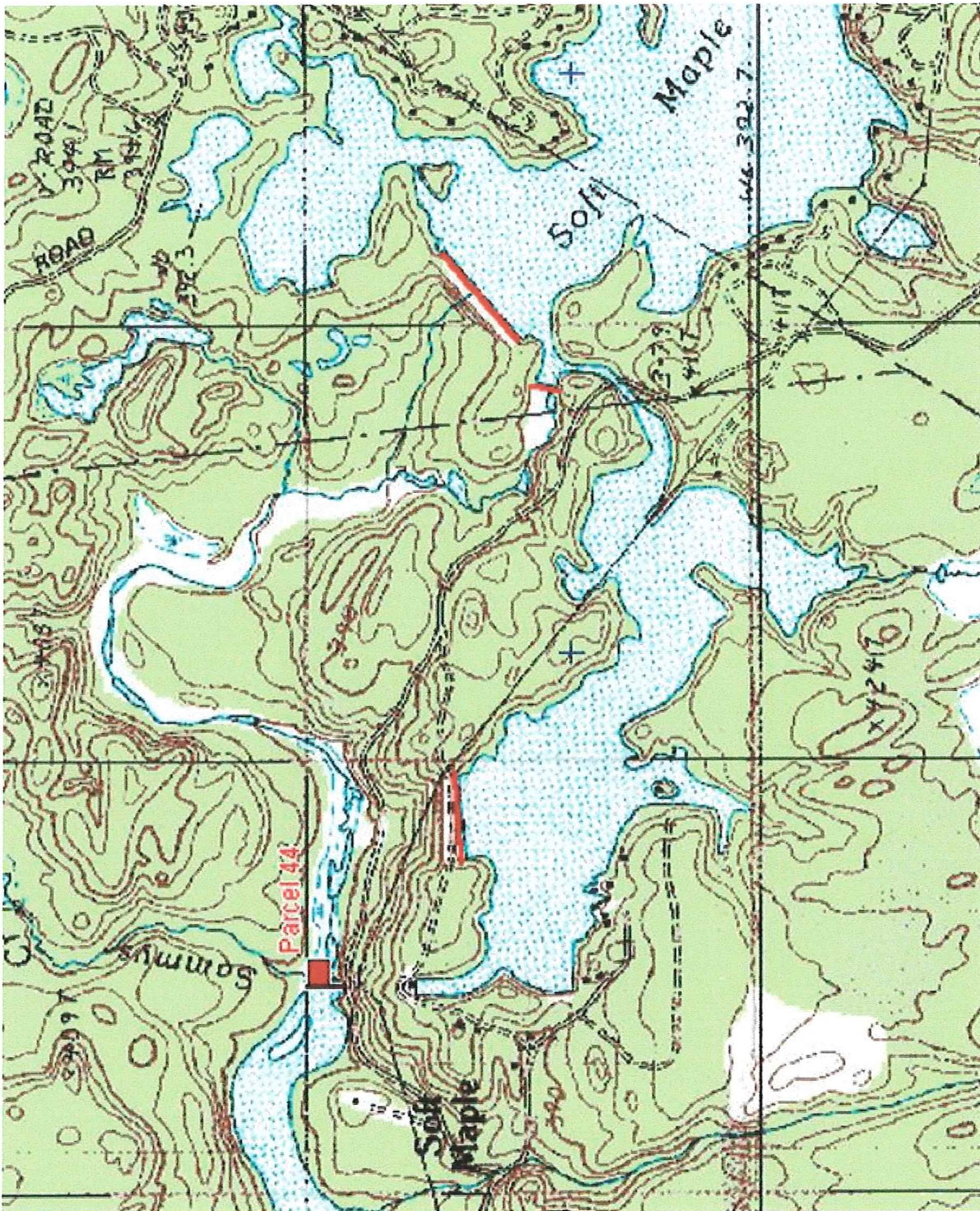
1926-27 Changed to Northern New York Utilities, Inc.

1938 Changed to Central New York Power Corp.

1951 Changed to Niagara Mohawk Power Corporation

2000 Changed to Erie Boulevard Hydropower, L.P.

Map



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BENEFICIARY SITE SURVEY

HISTORY

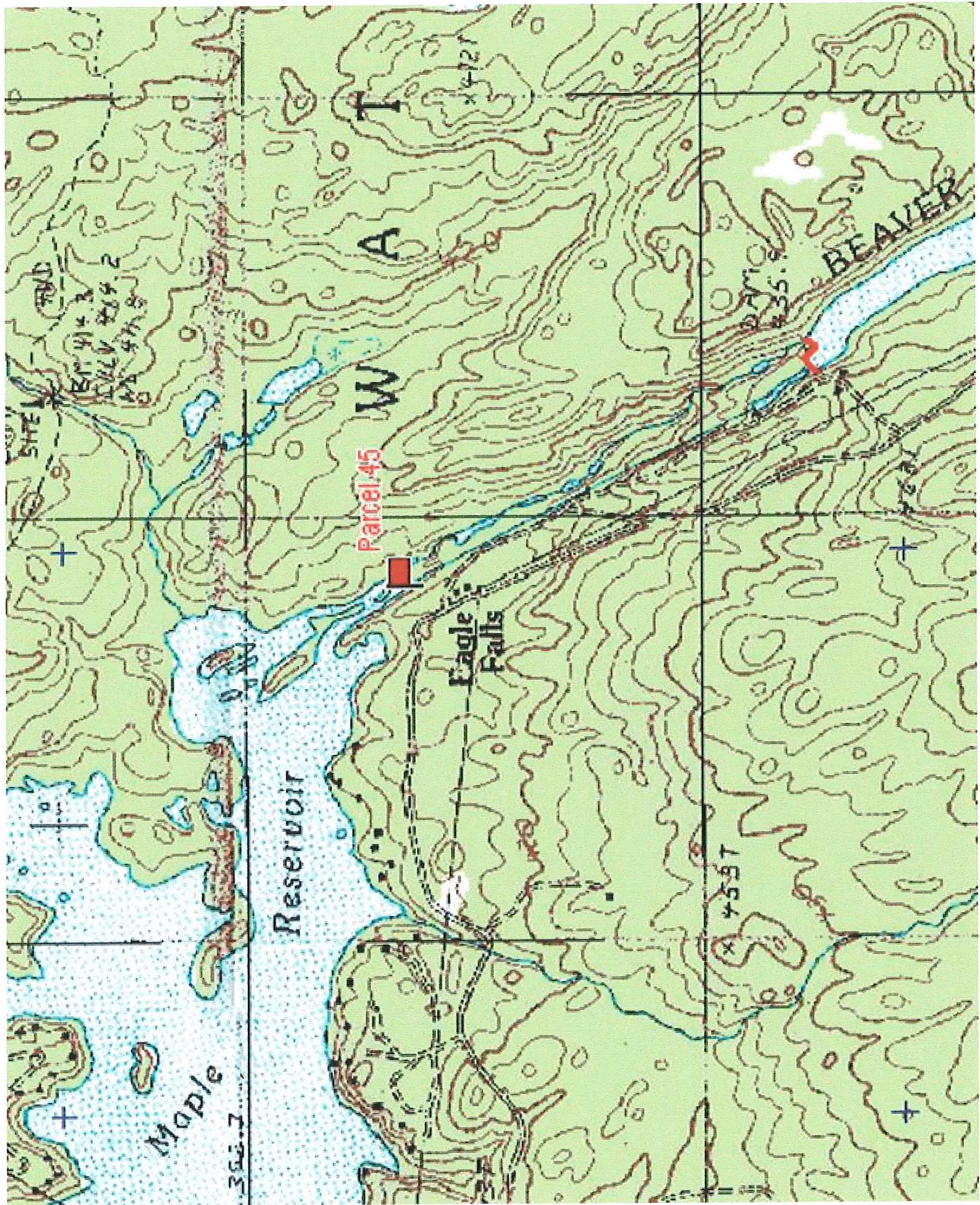
Parcel No. 45 December 15, 1922 --- Power Corporation of New York

All that certain tract or parcel of real estate situated in the Town Watson, County of Lewis, State of New York, being the Eagle Falls power plant and water power property owned by the Power Corporation of New York; including all water power, water rights, flowage rights, privileges, easements, dams, raceways, flumes, pipe lines, buildings and fixtures of every kind appurtenant thereto.

CHANGES: SINCE DECEMBER 15, 1922

- 1926-27 Changed to Northern New York Utilities, Inc.
- 1938 Changed to Central New York Power Corp.
- 1951 Changed to Niaraga Mohawk Power Corporation
- 2000 Changed to Erie Boulevard Hydropower, L.P.A46

Map



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BENEFICIARY SITE SURVEY

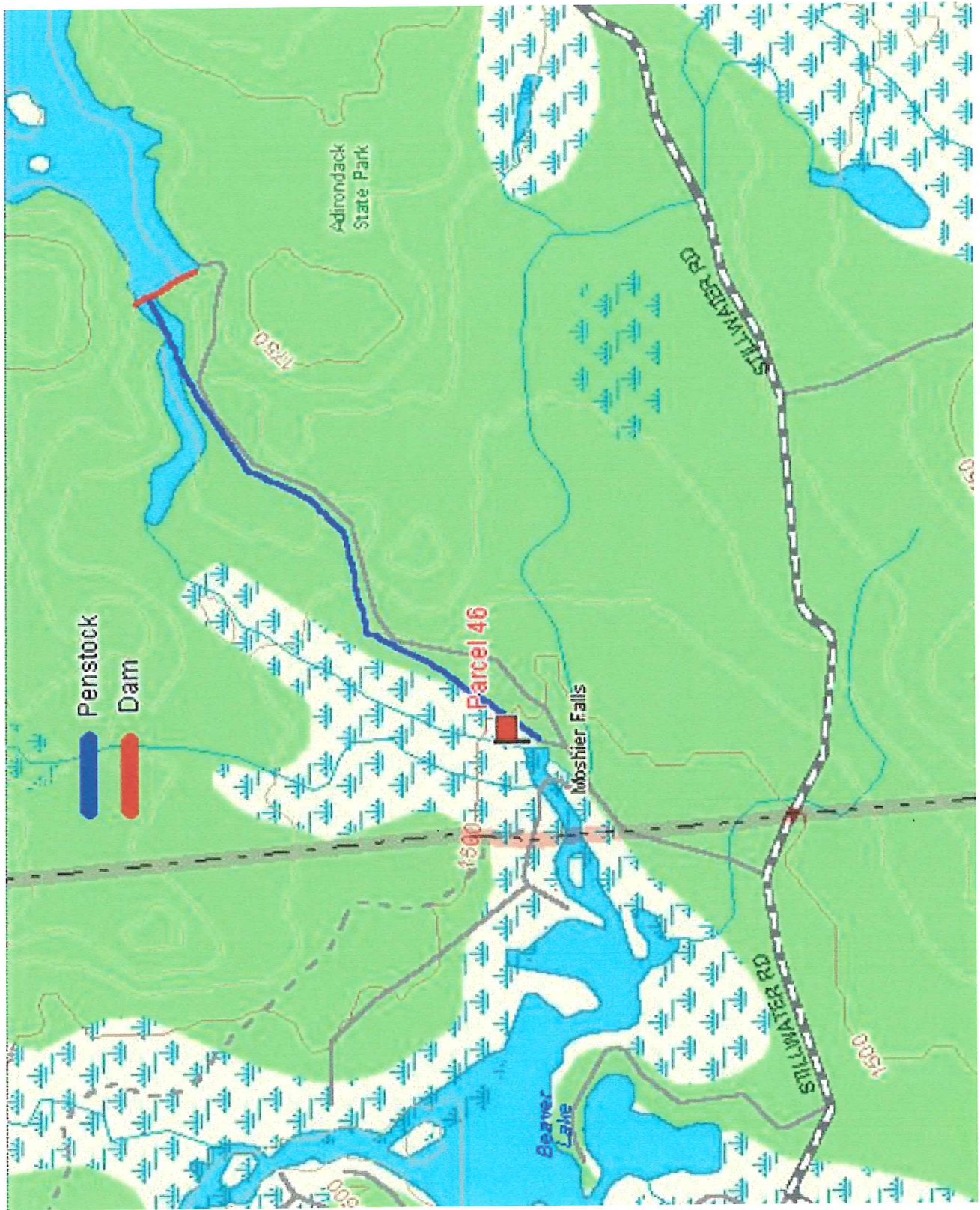
HISTORY

Parcel No. 46 December 15, 1922 --- Clarence L. Fisher and Florence Fisher Jackson
All that certain tract or parcel of real estate situated in the Town Webb, County of Herkimer State of New York, being the water power property on the Beaver River owned by Clarence L. Fisher and Florence Fisher Jackson; said real estate includes the bed and banks of the Beaver River from the westerly line of the said County of Herkimer up to the lands owned by the State of New York at the Stillwater Dam, including all water power, water rights, flowage rights, privileges and easements appurtenant thereto.

CHANGES: SINCE DECEMBER 15, 1922

- 1927-28 Changed to Northern New York Utilities, Inc.
- 1938 Changed to Central New York Power Corporation
- 1945 Changed to Northern Development Corporation
- 1951 Changed to Niagara Mohawk Power Corporation
- 2000 Changed to Erie Boulevard Hydropower, L.P.

Map



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BENEFICIARY SITE SURVEY

HISTORY

Parcel No. 47 June 30, 1927 --- Gould Paper Company

All those certain tracts or parcels of real estate situated in the Towns of Lyons Falls and West Turin, County of Lewis, State of New York, on both sides of the Black River at Lyons Falls, being the power and mill property owned by the Gould Paper Company including all water power, water rights, privileges, easements, dams, raceways, buildings, mills and fixtures of every kind appurtenant thereto.

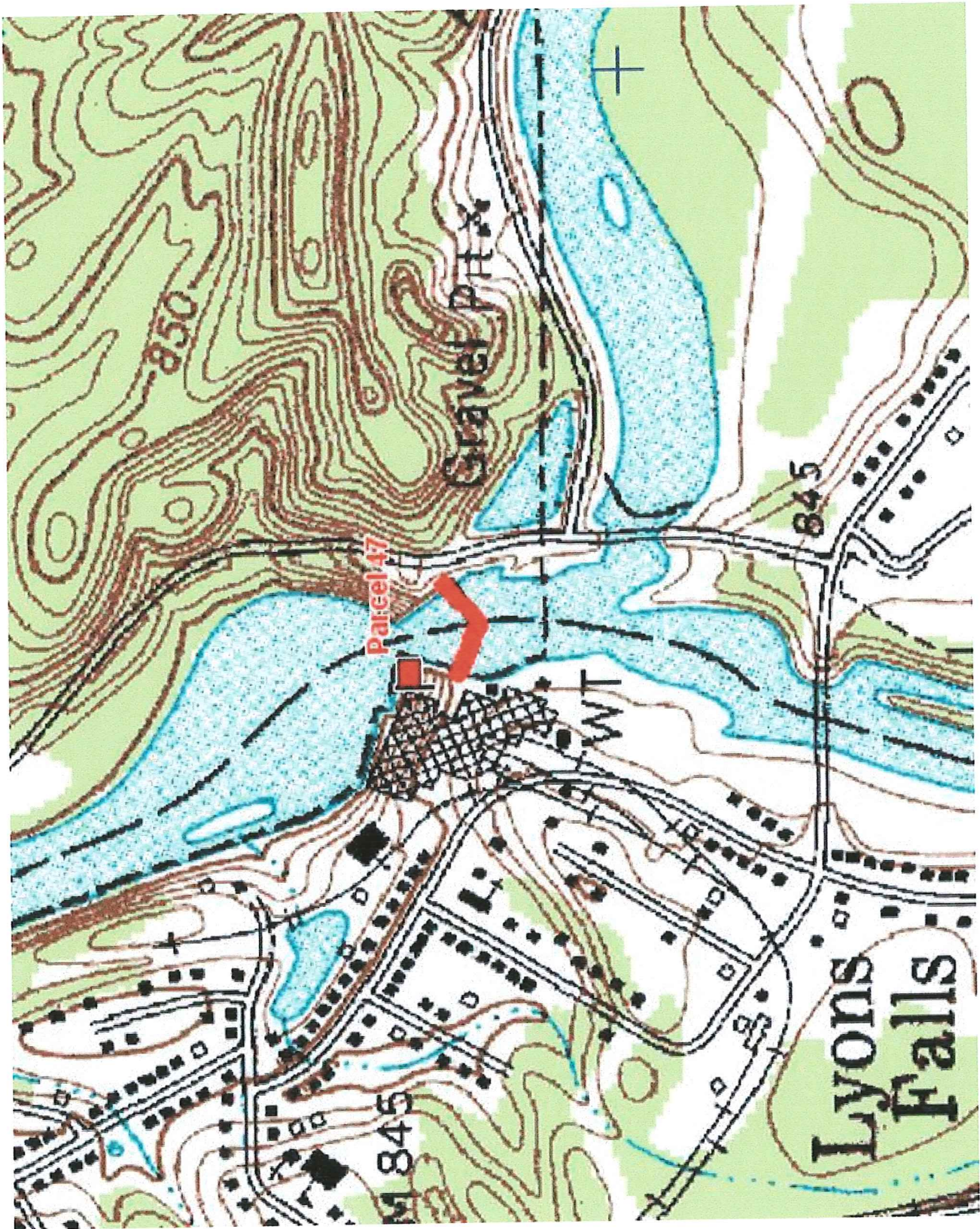
CHANGES: SINCE DECEMBER 15, 1922

1966 Changed to Georgia - Pacific Corporation

1987 Changed to Lyons Falls Pulp & Paper Corporation

2000 Changed to Northbrook Energy, LLC

Map



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BENEFICIARY SITE SURVEY

HISTORY

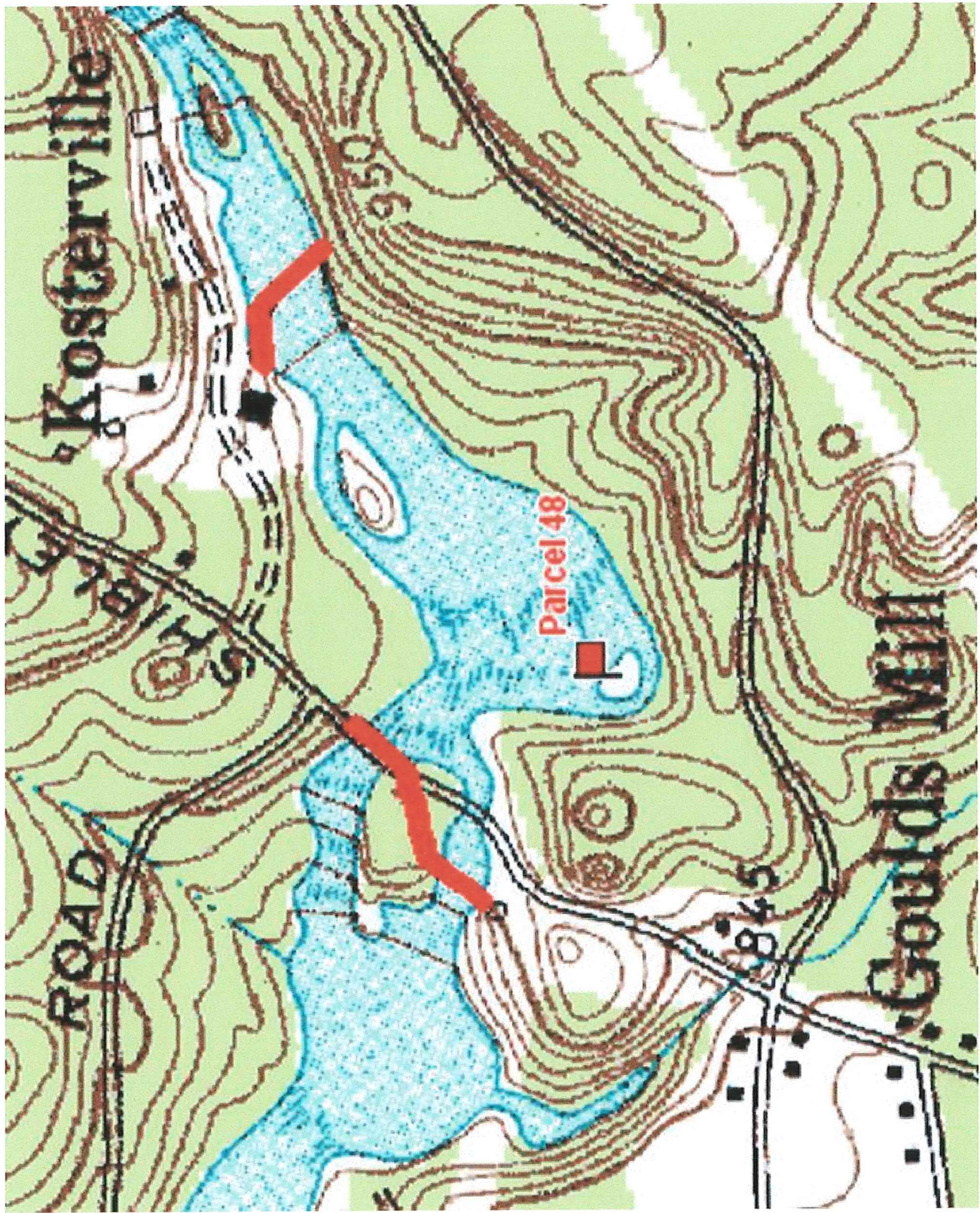
Parcel No. 48 June 30, 1927 --- Gould Paper Company

All those certain tracts or parcels of real estate situated in the Town of Lyonsdale, County of Lewis, State of New York, being the water power and mill properties owned by the Gould Paper Company; said real estate is more particularly described as follows: (1) the water power and mill property situated on the southerly side of the Moose River at Gould's Mill or Gouldtown, in the said Town of Lyonsdale, including dams and other structures across the Moose River; (2) the water power and mill property, known as Mill "B," situated on the northerly side of the Moose River at Kosterville in the said Town of Lyonsdale, including the dam and other structures across the Moose River; (3) the water power and mill property, known as Mill "A," situated on the northerly side of the Moose River at Kosterville in the said Town of Lyonsdale, including dams and other structures across the Moose River; (4) the water power properties on the Moose River, including the bed and banks of the Moose River in Lots Nos. 256, 238, 239, 240, 243, 263, 264, 280, and 281 of the Brantingham Tract and Lots 12 and 13, Range 2, Township No. 1, John Brown's Tract, in the said Town of Lyonsdale between the head of the Kosterville pond and the southeasterly line of said County of Lewis; including also all water power, water rights, flowage rights, privileges, easements, dams, raceways, flumes, pipe lines, buildings, and fixtures of every kind appurtenant to the said real estate above described.

CHANGES: SINCE DECEMBER 15, 1922

- 1966 Changed to Georgia - Pacific Corporation
- 1987 Changed to Lyons Falls Pulp & Paper Company
- 2000 Changed to Northbrook Energy, LLC

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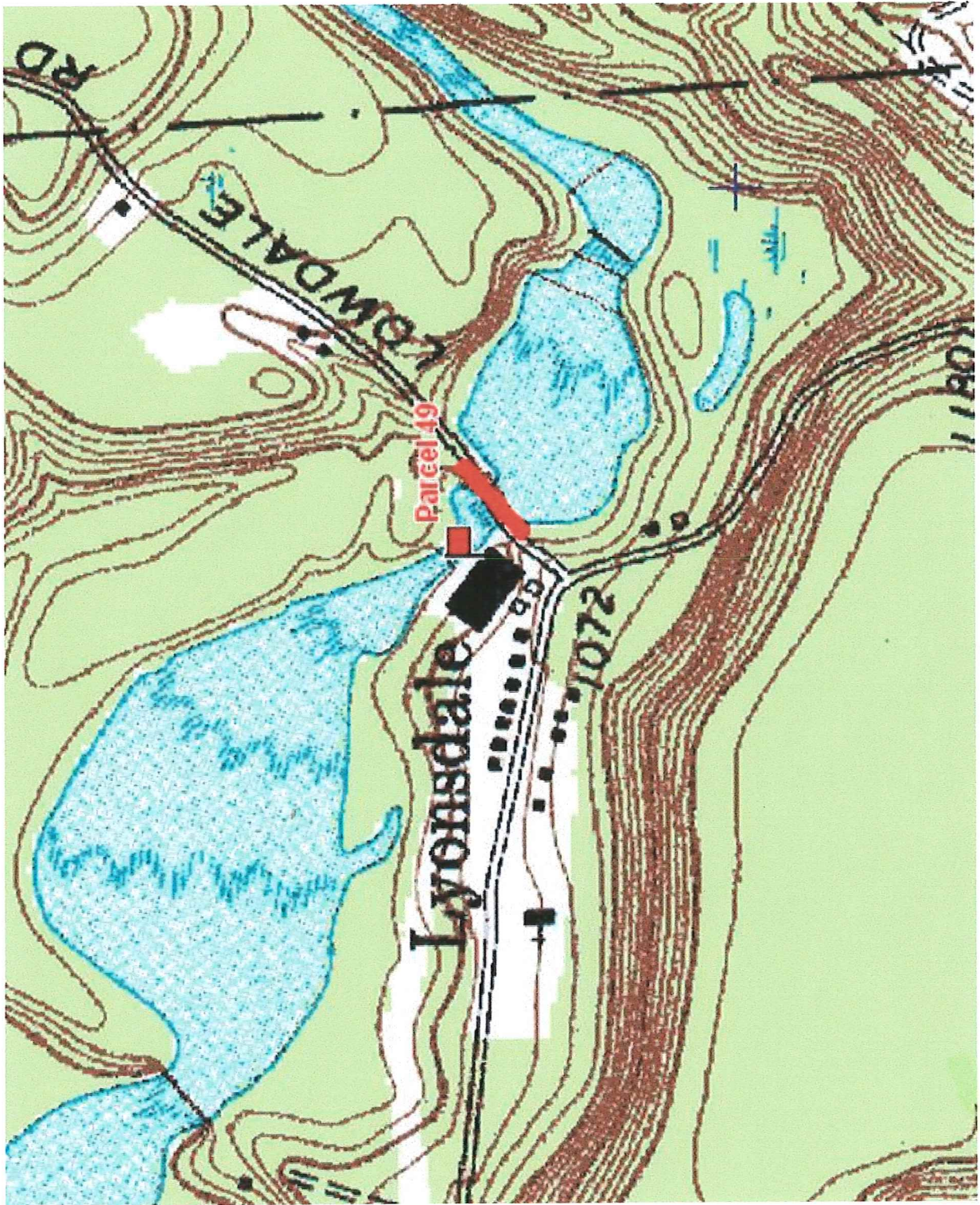
Parcel No. 49 June 30, 1927 --- Moyer and Pratt

All those certain tracts or parcels of real estate situated in the Town of Lyonsdale, County of Lewis, State of New York, being the water power and mill properties owned by Moyer and Pratt; said real estate is more particularly described as follows: (1) the water power and mill property situated on the southerly side of the Moose River at Lyonsdale, in Lots 258, Brantingham Tract, including dams and other structures across the Moose River; (2) the water power property on the Moose River, including the bed and banks of the Moose River in Lot 315 of the Brantingham Tract; including also all water power, water rights, flowage rights, privileges, easements, dams, raceways, flumes, pipe lines, buildings, and fixtures of every kind appurtenant to the said real estate above described.

CHANGES: SINCE DECEMBER 15, 1922

- 1964 Changed to Cogar, Incorporated
- 1967 Changed to Burrows Paper Corporation
- 1986 Changed to Lyonsdale Associated
- 1988 Created Parcel 49A; Long Lake Energy Corporation
- 1989 Parcel 49A was changed to Moose River Corporation

Map



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HISTORY

Parcel No. 49 ^A June 30, 1927 — Moyer and Pratt

All those certain tracts or parcels of real estate situated in the Town of Lyonsdale, County of Lewis, State of New York, being the water power and mill properties owned by Moyer and Pratt; said real estate is more particularly described as follows: (1) the water power and mill property situated on the southerly side of the Moose River at Lyonsdale, in Lots 258, Brantingham Tract, including dams and other structures across the Moose River; (2) the water power property on the Moose River, including the bed and banks of the Moose River in Lot 315 of the Brantingham Tract; including also all water power, water rights, flowage rights, privileges, easements, dams, raceways, flumes, pipe lines, buildings, and fixtures of every kind appurtenant to the said real estate above described.

CHANGES: SINCE DECEMBER 15, 1922

1988 Parcel 49 was changed and 49A was created: Long Lake Energy Corp.

1989 Changed to Moose River Corp.

1999 Changed to FortisUS Energy

Map

