



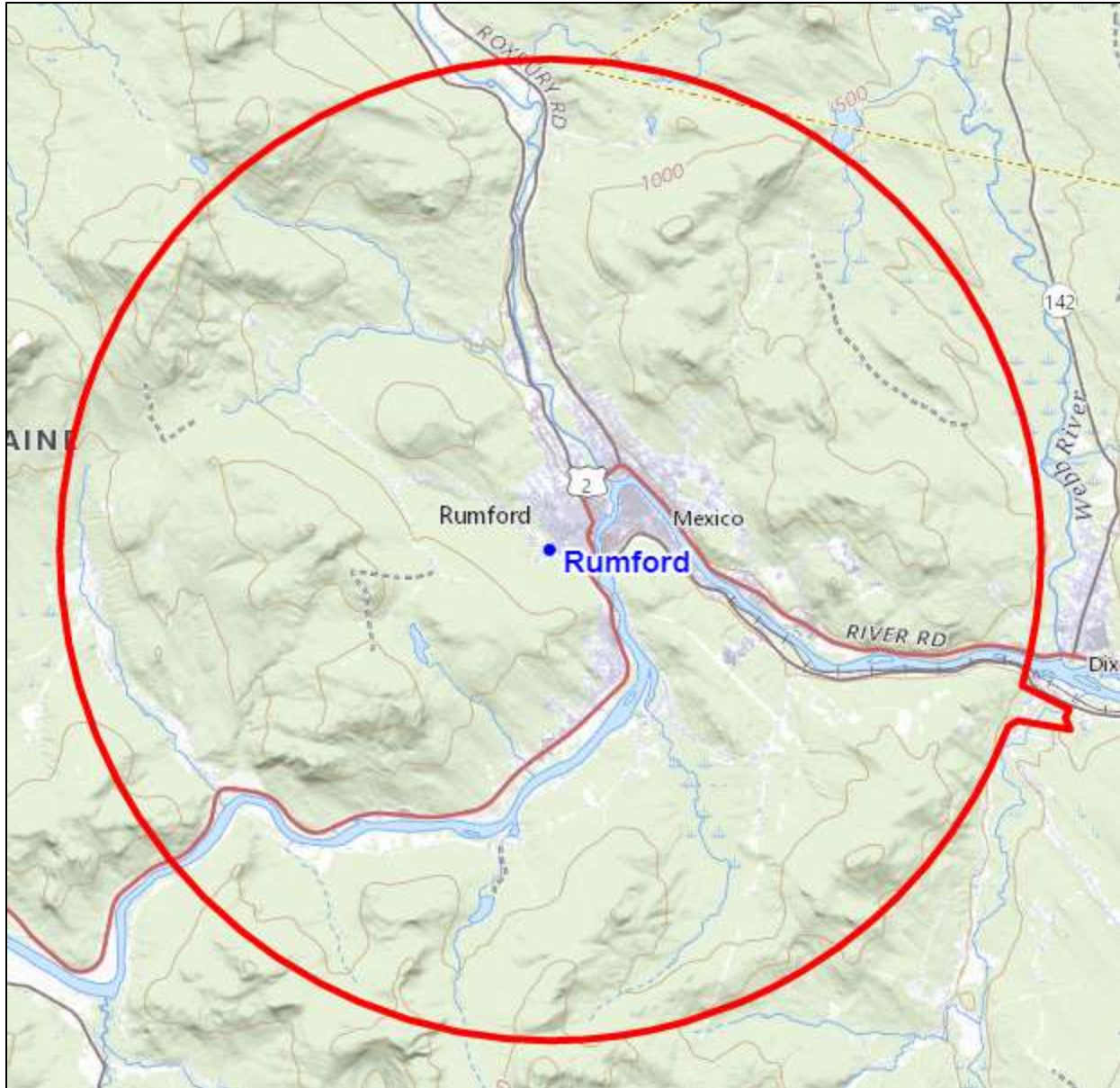
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Original Construction Permit

RUMFORD, ME

RIVER VALLEY COMMUNITY ASSOCIATION

PROPOSED 60dBu F(50,50) SERVICE CONTOUR



RUMFORD, ME – Channel 216A (91.1 MHz) ~ ERP 0.3 kW

Elev: 174 meters ~ RCAGL: 14.5 meters ~ RCAMSL: 188.5 meters ~ HAAT: -117 meters

Overall tower height: 15.2 meters ~ ASR: None

NAD83 Latitude: 44° 32' 44.0" NL – Longitude: 70° 33' 24.0" WL

NAD27 Latitude: 44° 32' 43.8" NL – Longitude: 70° 33' 25.8" WL

COMPREHENSIVE EXHIBIT – RUMFORD, ME

River Valley Community Association.
NEW(FM) – Rumford, Maine
Channel 216A – 91.1 MHz

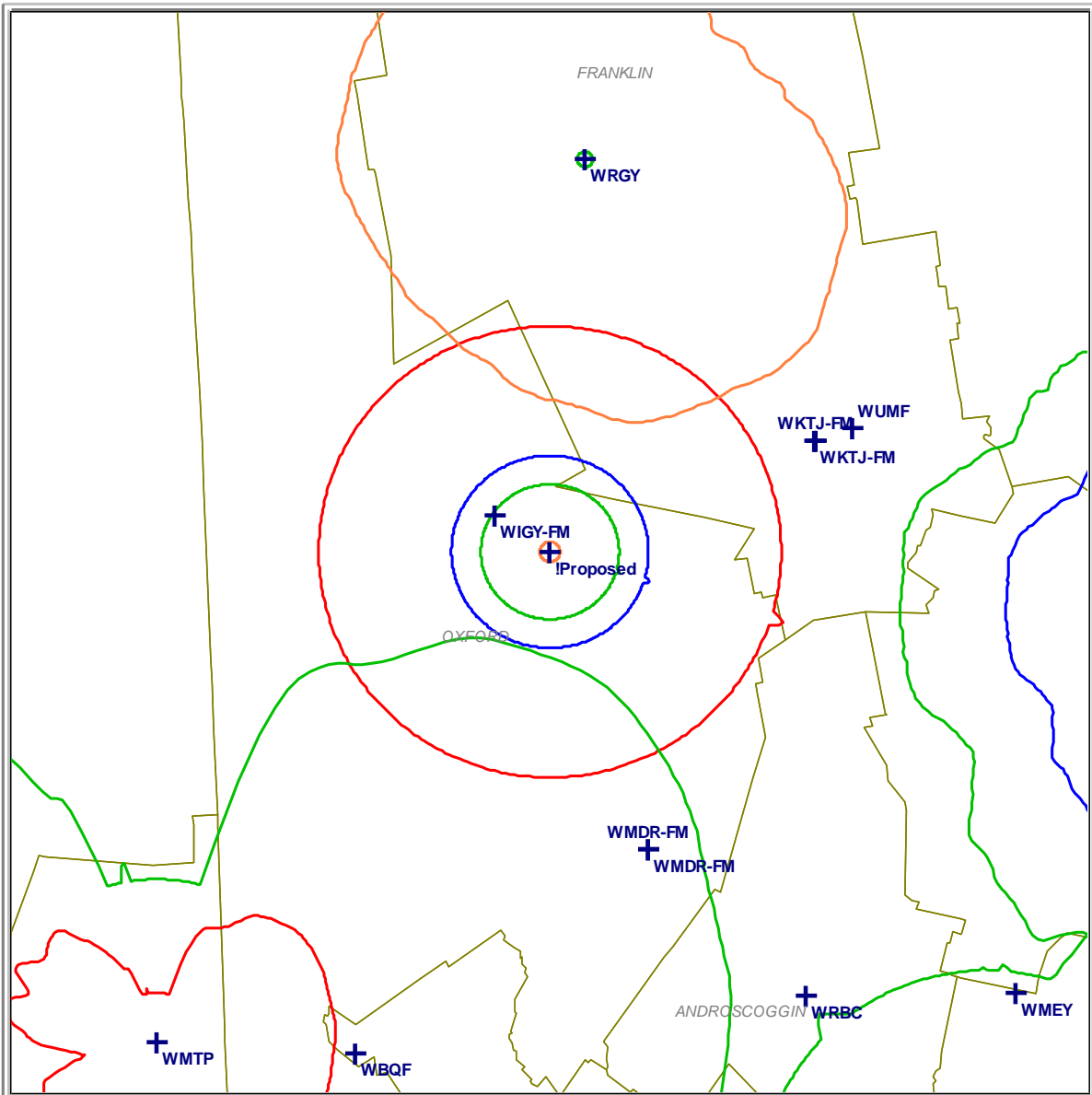
Contour Protection.....	§73.509(a)	3
Community of License Coverage.....	§73.515	5
Population/Land Area.....	§73.7004	6
Fair Distribution.....	§73.7003	6
Noncommercial Educational Qualification.....	§73.503	8
LPFM Divestiture Statement.....	§73.860	8
Other Attributable Interests.....		8
Site Assurance Contact Information.....		8
NEPA Compliance.....		9

No impacted TV Channel 6 stations.

ComStudy 2.2 search of channel 216 (91.1 MHz Class A) at 44-32-43.8 N, 70-33-25.8 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
WMTF	CONWAY	NH	216	A	68.93	115.00	218.3	1.27 dB
WRGY	RANGELEY	ME	213	A	43.45	31.00	4.9	8.02 dB
WMEW	WATERVILLE	ME	217	A	72.28	72.00	94.6	11.48 dB
WMPG	GORHAM	ME	215	B1	90.86	96.00	168.6	13.39 dB
WBOR	BRUNSWICK	ME	216	A	85.45	115.00	146.2	14.22 dB
WGDR	PLAINFIELD	VT	216	A	152.83	115.00	259.7	19.43 dB
WMEH	BANGOR	ME	215	B	159.77	113.00	80.6	19.47 dB
WBQF	FRYEBURG	ME	219	C3	77.35	42.00	189.2	20.79 dB
WBQF	FRYEBURG	ME	218	C3	59.23	42.00	200.9	21.71 dB
WVNH	CONCORD	NH	216	A	145.20	115.00	208.8	21.81 dB
WVNH	CONCORD	NH	216	A	145.21	115.00	208.8	21.81 dB
CBF6FM	LAC-MEGANTIC	QC	217	A	110.95	85.00	350.6	23.14 dB
WUMF	FARMINGTON	ME	218	A	35.32	31.00	67.1	24.62 dB
WUNH	DURHAM	NH	217	A	157.39	72.00	191.4	28.08 dB
WRMC-FM	MIDDLEBURY	VT	216	A	217.61	115.00	254.9	28.06 dB
CBMBFM	SHERBROOKE	QC	219	B	138.04	69.00	313.8	32.64 dB
WEVH	HANOVER	NH	217	C3	158.07	89.00	234.4	32.76 dB
CIRA	MONTREAL	QC	217	C1	261.92	164.00	295.2	33.26 dB
WMEP	CAMDEN	ME	213	B	118.02	69.00	107.9	33.42 dB
WRBC	LEWISTON	ME	218	A	56.28	31.00	150.4	36.82 dB
WBUR-FM	BOSTON	MA	215	B	254.37	113.00	192.7	36.75 dB
CIQ	QUEBEC	QC	215	B	263.33	132.00	344.2	37.71 dB
WUMM	MACHIAS	ME	216	A	246.73	115.00	84.7	37.76 dB
WOXR	SCHUYLER FALLS	NY	215	C2	247.76	106.00	271.8	38.83 dB
WCKJ	ST. JOHNSBURY	VT	213	C3	113.42	42.00	262.9	39.22 dB

Contour Protection - §73.509(a)



Map Scale: 1:601032 1 cm = 6.01 km V/H Size: 119.01 x 115.89 km

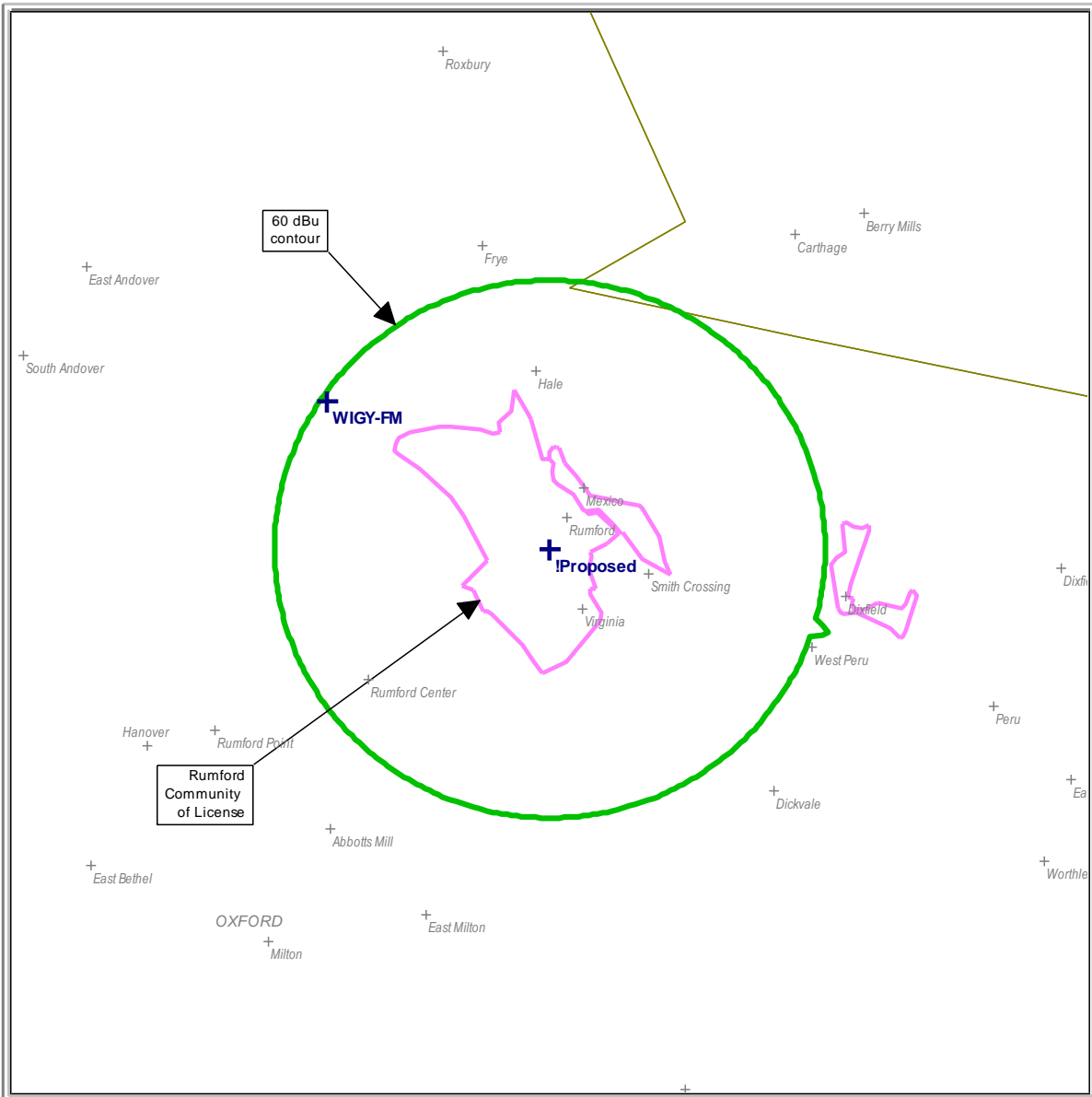
GREEN: Incumbent interfering contour into Proposed 60 dBu service contour.

RED: Proposed 40 dBu interfering contour into Incumbent 60 dBu service contour (co-channel)

BLUE: Proposed 54 dBu interfering contour into Incumbent 60 dBu service contour (first-adjacent)

ORANGE: Proposed 100 dBu interfering contour into Incumbent 60 dBu service contour (second/third-adjacent)

Community Coverage - §73.515



Map Scale: 1:150258 1 cm = 1.50 km V/H Size: 29.75 x 28.97 km

Proposed facility places a 60 dBu contour over 100 percent of the community of license.

POPULATION/LAND AREA
FAIR DISTRIBUTION

River Valley Community Association.
NEW(FM) – Rumford, Maine
Channel 216A – 91.1 MHz

Proposed facility is claiming §307(b) second educational service priority for 6,668 persons
(81.3%)

2010 Census Block Centroid data for target facility:

Population: 8203 persons

Land Area: 195.22 square kilometers

Overlapping facilities considered:

WMDR-FM OAKLAND ME - File No. 0000162770

Overlapping population: 8203 persons

Overlapping land area: 195.22 square kilometers.

WRGY - File No. BLED-20170823AAE

Overlapping population: 0 persons

Overlapping land area: 0.00 square kilometers.

WMEA - File No. BLED-19990525KB

Overlapping population: 1535 persons

Overlapping land area: 49.89 square kilometers.

First Educational Service:

Population: 0 persons

Land area: 0.00 square kilometers

Second Educational Service:

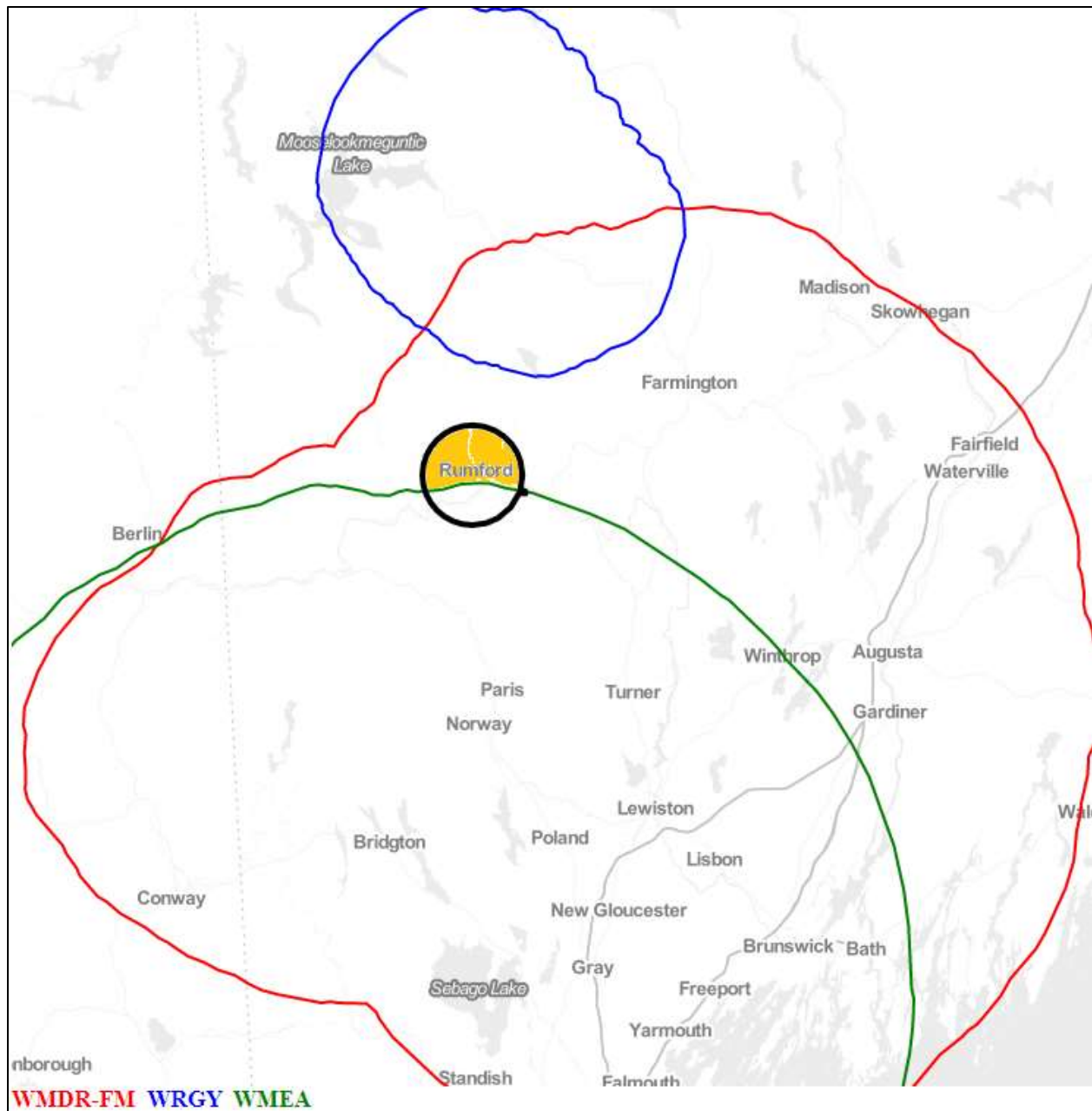
Population: 6668 persons

Land area: 145.33 square kilometers

At Least Third Educational Service:

Population: 1535 persons

Land area: 49.89 square kilometers



Orange area – second educational service
 Black contour – proposed 60 dBu contour
 Red contour – WMDR-FM 60 dBu contour
 Blue contour – WRGY 60 dBu contour
 Green contour – WMEA 60 dBu contour

NON-COMMERCIAL EDUCATIONAL QUALIFICATION

River Valley Community Association.
NEW(FM) – Rumford, Maine
Channel 216A – 91.1 MHz

Applicant was determined qualified to be a noncommercial educational broadcast by virtue of the grant of original construction permit application BNPL-20131113BES on January 15, 2014. Applicant organization has a local establishment date of October 24, 2013.

LPFM ATTRIBUTABLE INTEREST DIVESTITURE

Applicant is currently the licensee of Low Power FM (LPFM) station WMPF-LP, Rumford, Maine (Facility ID No. 193854). Pursuant to §§ 73.858 and 73.860, applicant pledges to divest of WMPF-LP prior to commencing program test operations. Applicant also pledges to divest WMPF-LP for the purpose of ownership diversity in the point system.

OTHER ATTRIBUTABLE INTERESTS

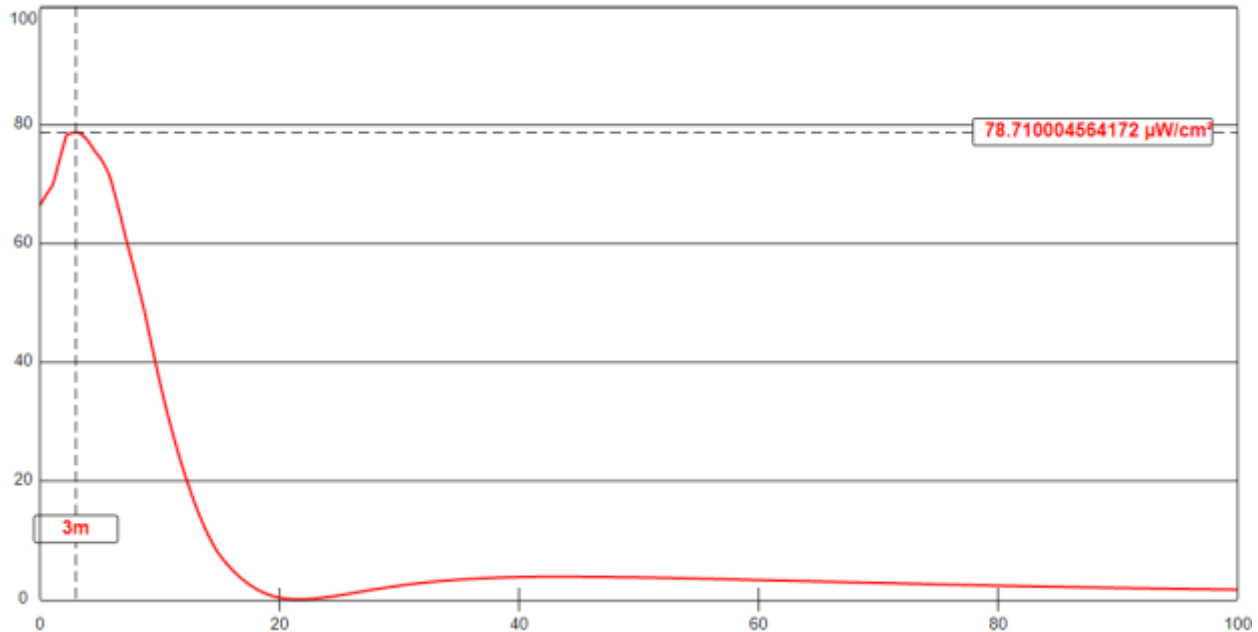
Other than WMPF-LP disclosed *supra*, applicant certifies that no parties to this application have any attributable interests in any other broadcast station, including non-fill in FM translators, either overlapping or not overlapping the 1 mV/m service contour of the proposed facility.

SITE ASSURANCE CONTACT INFORMATION

Kevin Saisi
Site Owner
207 357-3468

NEPA COMPLIANCE

River Valley Community Association.
NEW(FM) – Rumford, Maine
Channel 216A – 91.1 MHz



The instant application is proposed an effective radiated power of 0.3 kW vertical and 0.3 kW horizontal. Using the Commission's FM MODEL software and utilizing a worst-case scenario type EPA-1 two-bay antenna at full wavelength spacing and based on a height of 30 meters, it has been determined that the power density would be no greater than 78.7 $\mu\text{W}/\text{cm}^2$ at any point, which would not exceed the general population/controlled exposure guideline of 200 $\mu\text{W}/\text{cm}^2$ at any location.

In the instant application, the applicant is certifying that the RF exposure in all occupied areas is well within the guidelines of in accordance with OET Bulletin No. 65, Edition 97-01, August 1997.

Report prepared by:

Michelle Bradley, CBT
REC Networks

October 28, 2021