

## **EXHIBIT 1**

### **PRECLUSION ANALYSIS CH 268 FACILITY ID 147810 QUEENS, NY**

The River Vale Media Foundation, Inc. (“Rivervale”) application for CH 268, facility ID 147810, Queens, NY appears on the March 14, 2013 PN, DA 13-247. This application is being submitted to comply with the requirement that the application be amended with the necessary **LPFM** preclusion showings.

The proposed site is located within 39 km of the following market grids:

New York, NY Market #1 - Appendix A Top 50 SL Market.  
Nassau-Suffolk, NY Market #18 - Appendix A Top 50 SL Market  
Middlesex-Somerset-Union, NJ #41 - Appendix A Top 50 SL Market  
Morristown, NJ #117- Appendix A SL Market  
Stamford-Norwalk, CT # 148 - Appendix A SL Market

The five market grid studies are attached and have been analyzed with regard to LPFM Channel availability on channels 267-269 with the following results:

New York, NY – There are no identified LPFM channel filing opportunities inside the market grid.

Nassau-Suffolk, NY – There are no LPFM channel filing opportunities on channels 267 and 269. On CH 268 the closest identified filing opportunity designated point is #156 which is located 67 kilometers from the proposed site. Further, all of the identified channel grid point filing opportunities are located in the Atlantic Ocean. Based on this it is stated that the proposed CH 268 translator does not preclude any usable LPFM channel grid point filing opportunities inside the Nassau-Suffolk grid.

Middlesex-Somerset-Union, NJ - There are no LPFM channel filing opportunities inside the market grid.

Morristown, NJ - There are no LPFM channel filing opportunities inside the market grid.

Stamford-Norwalk, CT - There are no LPFM channel filing opportunities inside the market grid.

A Top 50 market transmitter test grid study is attached and it also has been analyzed with regard to LPFM Channel availability on channels 267-269 with the following results:

The Queens transmitter site test demonstrates that there are no available LPFM Channel grid point availabilities for any channel at the proposed site.

It is noted that no changes to the tech box data in Section III-A are associated with this application.

NEW YORK, NY  
 Latitude 40-42-51  
 Longitude 074-00-23  
 Grid Size 31 x 31  
 Micro FM 100 Watts at 30m HAAT  
 Co-Channel and 1st Adjacent Protected  
 2nd Adjacent Channel Not Protected  
 3rd Adjacent Channel Not Protected  
 I.F. Not Protected  
 TV Channel 6 Protected  
 CP Records Protected  
 APP Records Protected  
 FM Translators Protected  
 TV Channel 6 Translators/LP Protected  
 Auc83 FX App Records Not Protected

Chan	Avail	Chan	Avail	Chan	Avail	Chan	Avail	Chan	Avail
200	0	220	0	240	81	260	0	280	0
201	0	221	0	241	0	261	0	281	0
202	0	222	0	242	0	262	0	282	0
203	0	223	0	243	0	263	0	283	0
204	0	224	0	244	0	264	0	284	0
205	0	225	0	245	0	265	0	285	0
206	0	226	0	246	0	266	0	286	0
207	0	227	0	247	0	267	0	287	0
208	0	228	0	248	0	268	0	288	61
209	0	229	0	249	0	269	0	289	0
210	0	230	0	250	0	270	0	290	0
211	0	231	0	251	0	271	0	291	0
212	0	232	59	252	0	272	118	292	0
213	0	233	0	253	0	273	0	293	0
214	0	234	0	254	0	274	0	294	0
215	0	235	0	255	0	275	0	295	0
216	0	236	71	256	0	276	0	296	0
217	0	237	0	257	0	277	0	297	0
218	0	238	0	258	0	278	0	298	0
219	0	239	0	259	0	279	0	299	0
								300	30
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Total	420								

Total allotments, least preclusive spacing: 9  
 Total allotments, most preclusive spacing: 6

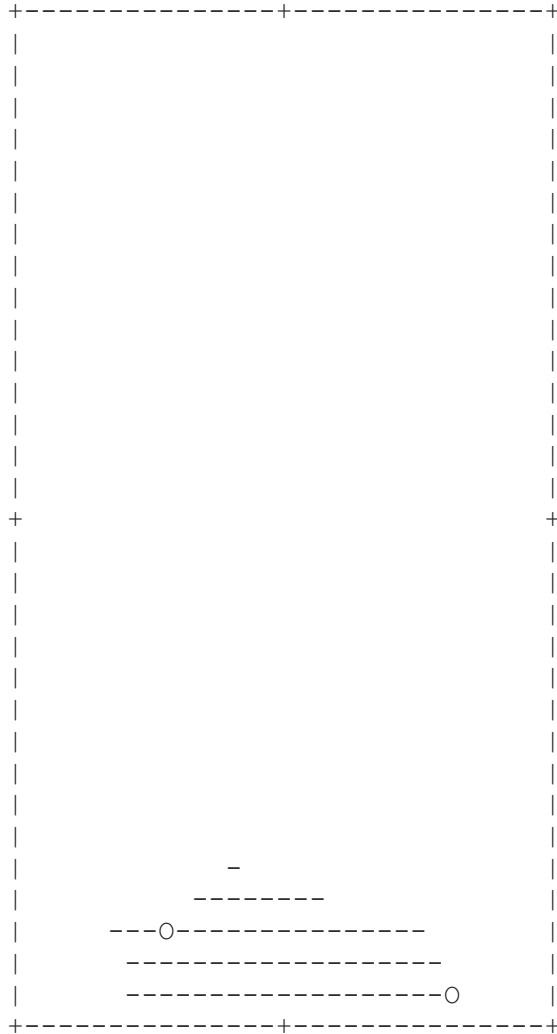
Nassau-Suffolk, NY  
 Latitude 40-46-52  
 Longitude 073-14-48  
 Grid Size 31 x 31  
 Micro FM 100 Watts at 30m HAAT  
 Co-Channel and 1st Adjacent Protected  
 2nd Adjacent Channel Not Protected  
 3rd Adjacent Channel Not Protected  
 I.F. Not Protected  
 TV Channel 6 Protected  
 CP Records Protected  
 APP Records Protected  
 FM Translators Protected  
 TV Channel 6 Translators/LP Protected  
 Auc83 FX App Records Not Protected

Chan	Avail	Chan	Avail	Chan	Avail	Chan	Avail	Chan	Avail
200	0	220	0	240	0	260	0	280	0
201	0	221	0	241	0	261	0	281	0
202	0	222	0	242	0	262	0	282	0
203	0	223	0	243	0	263	0	283	0
204	0	224	0	244	72	264	17	284	204
205	0	225	0	245	0	265	0	285	0
206	0	226	0	246	0	266	0	286	0
207	0	227	0	247	0	267	0	287	0
208	0	228	84	248	0	268	67	288	169
209	0	229	0	249	0	269	0	289	0
210	0	230	0	250	0	270	0	290	0
211	0	231	0	251	0	271	0	291	0
212	0	232	0	252	0	272	0	292	0
213	0	233	0	253	0	273	0	293	0
214	0	234	0	254	0	274	0	294	0
215	0	235	45	255	0	275	0	295	0
216	0	236	3	256	0	276	0	296	0
217	0	237	0	257	0	277	0	297	0
218	0	238	0	258	0	278	0	298	0
219	0	239	0	259	0	279	0	299	0
								300	0

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 Total 661

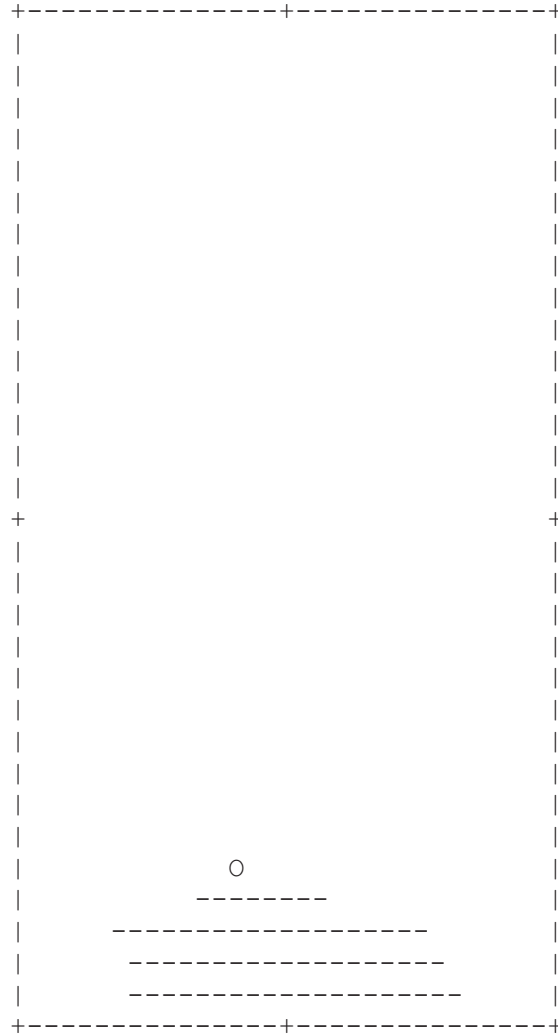
Total allotments, least preclusive spacing: 13  
 Total allotments, most preclusive spacing: 8

Nassau-Suffolk, NY  
 Latitude 40-46-52  
 Longitude 073-14-48  
 Least preclusive siting  
 Availability of Channel 268 (X)



Point #156 at 40-31-52 073-04-48  
 Point #685 at 40-33-52 073-21-48

Nassau-Suffolk, NY  
 Latitude 40-46-52  
 Longitude 073-14-48  
 Most preclusive siting  
 Availability of Channel 268 (X)



Point #563 at 40-35-52 073-17-48

Middlesex-Somerset-Union

Latitude 40-29-54

Longitude 074-29-02

Grid Size 31 x 31

Micro FM 100 Watts at 30m HAAT

Co-Channel and 1st Adjacent Protected

2nd Adjacent Channel Not Protected

3rd Adjacent Channel Not Protected

I.F. Not Protected

TV Channel 6 Protected

CP Records Protected

APP Records Protected

FM Translators Protected

TV Channel 6 Translators/LP Protected

Auc83 FX App Records Not Protected

Chan	Avail	Chan	Avail	Chan	Avail	Chan	Avail	Chan	Avail
200	0	220	0	240	2	260	0	280	174
201	0	221	0	241	0	261	0	281	0
202	0	222	0	242	0	262	0	282	0
203	0	223	0	243	0	263	0	283	0
204	0	224	0	244	0	264	0	284	0
205	0	225	0	245	0	265	0	285	0
206	0	226	0	246	0	266	0	286	0
207	0	227	0	247	0	267	0	287	0
208	0	228	0	248	0	268	0	288	0
209	0	229	0	249	0	269	0	289	0
210	0	230	0	250	0	270	0	290	0
211	0	231	0	251	0	271	0	291	0
212	0	232	0	252	0	272	24	292	0
213	0	233	0	253	0	273	0	293	0
214	0	234	0	254	0	274	0	294	0
215	0	235	0	255	0	275	0	295	0
216	0	236	0	256	0	276	0	296	0
217	0	237	0	257	0	277	0	297	0
218	0	238	0	258	0	278	0	298	0
219	0	239	0	259	0	279	0	299	0
								300	493

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Total 693

Total allotments, least preclusive spacing: 9  
Total allotments, most preclusive spacing: 6

Morristown, NJ  
 Latitude 40-47-48  
 Longitude 074-28-55  
 Grid Size 31 x 31  
 Micro FM 100 Watts at 30m HAAT  
 Co-Channel and 1st Adjacent Protected  
 2nd Adjacent Channel Not Protected  
 3rd Adjacent Channel Not Protected  
 I.F. Not Protected  
 TV Channel 6 Protected  
 CP Records Protected  
 APP Records Protected  
 FM Translators Protected  
 TV Channel 6 Translators/LP Protected  
 Auc83 FX App Records Not Protected

Chan	Avail	Chan	Avail	Chan	Avail	Chan	Avail	Chan	Avail
200	0	220	0	240	140	260	0	280	0
201	0	221	0	241	0	261	0	281	0
202	0	222	0	242	0	262	0	282	0
203	0	223	0	243	0	263	0	283	0
204	0	224	0	244	0	264	0	284	0
205	0	225	0	245	0	265	0	285	0
206	0	226	0	246	0	266	0	286	0
207	0	227	0	247	0	267	0	287	0
208	0	228	0	248	132	268	0	288	0
209	0	229	0	249	0	269	0	289	0
210	0	230	0	250	0	270	0	290	0
211	0	231	0	251	0	271	0	291	0
212	0	232	82	252	0	272	13	292	0
213	0	233	0	253	0	273	0	293	0
214	0	234	0	254	0	274	0	294	0
215	0	235	0	255	0	275	0	295	0
216	0	236	0	256	0	276	0	296	0
217	0	237	0	257	0	277	0	297	0
218	0	238	0	258	0	278	0	298	0
219	0	239	0	259	0	279	0	299	0
								300	482
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Total	849								

Total allotments, least preclusive spacing: 12  
 Total allotments, most preclusive spacing: 8

Stamford - Norwalk, CT  
 Latitude 41-03-12  
 Longitude 073-32-21  
 Grid Size 31 x 31  
 Micro FM 100 Watts at 30m HAAT  
 Co-Channel and 1st Adjacent Protected  
 2nd Adjacent Channel Not Protected  
 3rd Adjacent Channel Not Protected  
 I.F. Not Protected  
 TV Channel 6 Protected  
 CP Records Protected  
 APP Records Protected  
 FM Translators Protected  
 TV Channel 6 Translators/LP Protected  
 Auc83 FX App Records Not Protected

Chan	Avail	Chan	Avail	Chan	Avail	Chan	Avail	Chan	Avail
200	0	220	0	240	0	260	0	280	0
201	0	221	0	241	0	261	0	281	0
202	0	222	0	242	0	262	0	282	0
203	0	223	0	243	0	263	0	283	0
204	0	224	0	244	0	264	0	284	0
205	0	225	0	245	0	265	0	285	0
206	0	226	0	246	0	266	0	286	0
207	0	227	0	247	0	267	0	287	0
208	0	228	0	248	0	268	0	288	130
209	0	229	0	249	0	269	0	289	0
210	0	230	0	250	0	270	0	290	0
211	0	231	0	251	0	271	0	291	0
212	0	232	1	252	0	272	0	292	0
213	0	233	0	253	0	273	0	293	0
214	0	234	0	254	0	274	0	294	0
215	0	235	0	255	0	275	0	295	0
216	0	236	0	256	0	276	0	296	0
217	0	237	0	257	0	277	0	297	0
218	0	238	0	258	0	278	0	298	0
219	0	239	0	259	0	279	0	299	0
								300	0

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 Total 131

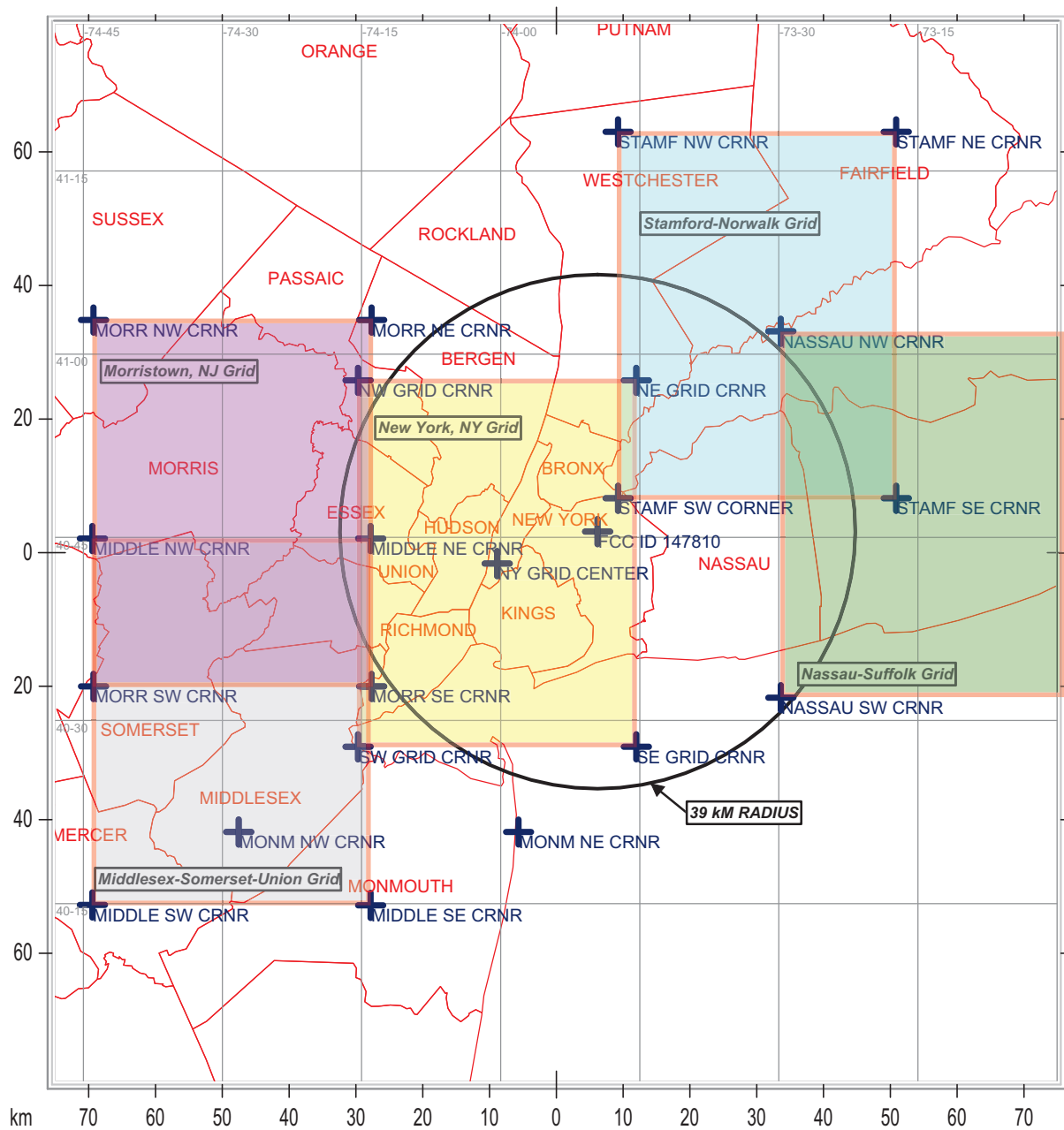
Total allotments, least preclusive spacing: 3  
 Total allotments, most preclusive spacing: 2

QUEENS SITE, NY Transmitter Site Test  
 Latitude 40-45-28  
 Longitude 073-49-33  
 Grid Size 31 x 31  
 Micro FM 100 Watts at 30m HAAT  
 Co-Channel and 1st Adjacent Protected  
 2nd Adjacent Channel Not Protected  
 3rd Adjacent Channel Not Protected  
 I.F. Not Protected  
 TV Channel 6 Protected  
 CP Records Protected  
 APP Records Protected  
 FM Translators Protected  
 TV Channel 6 Translators/LP Protected  
 Auc83 FX App Records Not Protected

Chan	Avail	Chan	Avail	Chan	Avail	Chan	Avail	Chan	Avail
200	0	220	0	240	0	260	0	280	0
201	0	221	0	241	0	261	0	281	0
202	0	222	0	242	0	262	0	282	0
203	0	223	0	243	0	263	0	283	0
204	0	224	0	244	0	264	0	284	4
205	0	225	0	245	0	265	0	285	0
206	0	226	0	246	0	266	0	286	0
207	0	227	0	247	0	267	0	287	0
208	0	228	0	248	0	268	0	288	288
209	0	229	0	249	0	269	0	289	0
210	0	230	0	250	0	270	0	290	0
211	0	231	0	251	0	271	0	291	0
212	0	232	9	252	0	272	10	292	0
213	0	233	0	253	0	273	0	293	0
214	0	234	0	254	0	274	0	294	0
215	0	235	0	255	0	275	0	295	0
216	0	236	35	256	0	276	0	296	0
217	0	237	0	257	0	277	0	297	0
218	0	238	0	258	0	278	0	298	0
219	0	239	0	259	0	279	0	299	0
								300	0
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Total	346								

Total allotments, least preclusive spacing: 8  
 Total allotments, most preclusive spacing: 7

## RIVER VALE MEDIA FOUNDATION, INC. PROPOSED TRANSLATOR FCC ID 147810 QUEENS, NY



Communications Technologies, Inc. Marlton, New Jersey

County Borders      Lat/Lon Grid