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Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C. 20554

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APR - 6 2005

Federal Communications Commission
Office of Secretary

In the Matter of)	
)	
Amendment of Section 73.202(b))	MB Docket No. _____
Table of Allotments)	RM - _____
FM Broadcast Stations)	
(Ocean City and)	
Bass River Township, New Jersey))	

To: Office of the Secretary
Attn: Chief, Audio Division, Media Bureau

PETITION FOR RULE MAKING
TO CHANGE THE FM TABLE OF ALLOTMENTS

PRESS COMMUNICATIONS, LLC

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Summary

By this Petition, Press Communications, LLC ("Press Communications"), licensee of FM Station WKOE(FM), Channel 292A, Ocean City, New Jersey, Fac. ID 49984 ("WKOE"), respectfully requests that the Audio Division issue a Notice of Proposed Rulemaking to change the community of license and channel of WKOE. Press Communications proposes to relocate WKOE from Ocean City to Bass River Township, New Jersey ("Bass River" or the "Township") and change the station's channel from 292A to 293A.

Such a relocation of WKOE is in the public interest as the change in community of license results in a more favorable arrangement of the Commission's Table of FM Allotments in that it brings Bass River its first local broadcast radio service. Additionally, the relocation and change in channel would permit WKOE to operate with its full 6.0 kW Class A facilities. WKOE operations are restricted to an effective radiated power ("ERP") of 3.0 kW from Ocean City. Should the Commission grant the request presented in this Petition, WKOR would be able to serve 1,922 square km, a dramatic 75.9% increase in service area, within its 60 dBu signal contour.

Bass River is listed in the 2000 Census and is worthy of being allocated a first local service. The Township has its own government, school, community library, businesses, religious institutions and even is home to New Jersey's first State Forest.

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 (Ocean City and)
 Bass River Township, New Jersey))

To: Office of the Secretary
 Attn: Chief, Audio Division, Media Bureau

**PETITION FOR RULE MAKING
TO CHANGE THE FM TABLE OF ALLOTMENTS**

1. Press Communications, LLC ("Press Communications"), licensee of FM Station WKOE(FM), Channel 292A, Ocean City, New Jersey, Fac. ID 49984 ("WKOE"), by its counsel, respectfully requests that the Audio Division issue a Notice of Proposed Rulemaking to change the community of license and channel of WKOE. Pursuant to Section 1.401 of the Commission's rules, Press Communications proposes to change WKOE's community of license from Ocean City to Bass River Township, New Jersey ("Bass River" or the "Township") and change the station's channel from 292A to 293A. The following table summarizes the changes requested in this Petition to Section 73.202(b) of the Commission's rules:

City	Channel	
	Present	Proposed
Ocean City, New Jersey	217B1, ¹ 252A, 292A + 224LI	217B1, 252A + 224LI
Bass River Township, New Jersey	- - -	293A

¹ The noncommercial educational channel allotments for Ocean City are included in this table to illustrate that there are other FM stations serving Ocean City, New Jersey. As noted *infra*, AM broadcast radio station WIBG, Fac. ID 19617, is licensed to Ocean City/Somers Point, New Jersey.

2. These proposed changes are in the public interest as the change in community of license results in a more favorable arrangement of allotments and expands the area that WKOE can reach to serve a greater number of listeners. The relocation of WKOE to Bass River results in a more favorable allotment as it will bring the first local service to Bass River. Additionally, WKOE will be allowed to operate at full power, 6.0 kW for a Class A station, something it is unable to do as a Class A station allocated to Ocean City. At its current location, WKOE is restricted to an effective radiated power ("ERP") of 3.0 kW. With the increase in power, WKOE will be able to serve 1,922 square km, a dramatic 75.9% increase in service area, within its 60 dBu signal contour, with a nominal change in population. If the instant Petition is granted, Press Communications will file an application for Channel 293A at Bass River and will promptly construct the facilities as authorized.

I. Background on the Communities.

A. Ocean City, New Jersey and the Atlantic City-Cape May Arbitron Metro Market.

3. WKOE's community of license, Ocean City, is in the Atlantic City-Cape May Arbitron Metro Market. According to 2000 U.S. Census data, the population of Ocean City is 15,378. There are currently three full service FM radio stations licensed to Ocean City. The full service FM stations are WKOE, WRTQ(FM), Fac. ID 65176, a noncommercial educational Class B1 directional station licensed to Temple University of the Commonwealth System that operates with ERP of 1.3 kW horizontally and 10.5 kW vertically, and WTKU(FM), Fac. ID 3139, a Class A directional station licensed to Access.1 New Jersey License Company that operates with an ERP of 6.0 kW horizontally and 6.0 kW vertically. Additionally, one full service AM station is licensed to Ocean City/Somers Point, New Jersey. The station, WIBG(AM), Fac. ID 19617, is a Class D station licensed to Enrico S. Brancadora and operates

with 1.9 kW ERP during the daytime and 680 W during critical hours. Including WKOE, WRTQ, WTKU, and WIBG, there are 35 broadcast radio stations located in the Atlantic City-Cape May Arbitron Metro Market.² If the Commission grants the instant request and WKOE relocates to Bass River, 34 stations will remain in the Atlantic City – Cape May Metro Market.

B. Bass River Township, New Jersey and the Philadelphia Arbitron Metro Market.

4. Bass River is located in Burlington County, which is part of the Philadelphia Arbitron Metro Market, and is listed in the U.S. Census. See Exhibit 2. Currently, there are no radio stations licensed to Bass River. WPST(FM), Burlington City, New Jersey, as discussed *infra*, is the only commercial FM station licensed to Burlington County. There are 38 broadcast radio stations located in the Philadelphia Arbitron Metro Market.³ It should be noted, however, that in many instances Philadelphia market stations provide marginal signals to the Bass River area. For example, WOGL(FM), Philadelphia, Pennsylvania is a typical full power Class B non-directional station operating from the Philadelphia antenna farm; however, its 54 dBu contour does not encompass any portion of Bass River. See Exhibit 4.

II. Mutually Exclusivity of WKOE's Current Operations and Proposed Operations.

5. To be able to file for a change in community of license without facing competing applications, WKOE's facilities in the proposed community must be mutually exclusive with the station's current licensed facilities.⁴ The signal contours of WKOE's current facilities would be mutually exclusive with the signal contours of WKOE's facilities as proposed, as can be seen in Figure 2 of the attached Engineering Exhibit.

² The 36 stations are listed in Exhibit 1, hereto. The list of stations was compiled using the 2005 Broadcasting and Cable Yearbook and the Commission's Consolidated Database System ("CDBS").

³ The 37 stations are listed in Exhibit 3, hereto. The list of stations was compiled using the 2005 Broadcasting and Cable Yearbook and the CDBS.

⁴ See *Amendment of the Commission's Rules Regarding Modification of FM and TV Authorizations to Specify a New Community of License*, Report and Order, 4 FCC Red 4870, para. 22 (1989), see also 47 C.F.R. 1.420(i).

III. Preferable Arrangement of Allotments.

A. The Commission's FM Allotment Priorities and Policies.

6. The Commission will approve a change in community of license of an FM broadcast radio station if the new community "would serve the Commission's allotment priorities and policies better than the allotment in the old community."⁵ The FM allotment priorities are:

1. first time aural service;
2. second fulltime aural service;
3. first local service; and
4. other public interest matters.⁶

The Commission gives equal weight to the second and third allotment priorities when it evaluates allotment proposals. *Id.* When evaluating a request to relocate a radio broadcast station, the Commission examines whether the station's original community of license will continue to be served by other stations if the relocation request is granted. The Commission will include all full-power AM and FM radio broadcast stations, both commercial and noncommercial, that serve the original community of license in its analysis. *Id.* at para. 20. The Commission will also evaluate the loss and gain of service area and population when a change in a station's community of license involves a change in transmitter site.⁷

B. WKOE Would Be the First Local Service to Bass River Township.

7. If the Commission allots WKOE to Bass River, WKOE would be the first local service licensed to the Township. As mentioned above, there are no radio, or television, broadcast stations licensed to Bass River. Therefore, the change in community of license would serve the Commission's third FM allotment priority, the provision of first local service to a

⁵ See *Amendment of the Commission's Rules Regarding Modification of FM and TV Authorizations to Specify a New Community of License*, Memorandum Opinion and Order, 5 FCC Rcd 7094, para. 2 (1990).

⁶ See *Revision of FM Assignment Policies and Procedures*, Second Report and Order, 90 FCC 2d 88, 92 (1982).

⁷ See e.g. *Amendment of Section 73.202(b), Table of Allotments, FM Broadcast Stations (Bald Knob and Greenbrier, Arkansas)*, Report and Order, DA 04-2860 (released September 3, 2004).

community. As noted, the Commission views the second and third allotment priorities as equal in value.

8. After WKOE has changed its community of license, three local broadcast radio stations, WRTQ(FM), WTKU(FM) and WIBG(AM), would remain licensed to Ocean City. Therefore, a change in community of license for WKOE from Ocean City to Bass River would create a preferable arrangement of allotments - Ocean City would have three local broadcast radio services and Bass River would receive its first local service.

C. Stations Licensed to Burlington County, New Jersey.

9. Although Burlington County is the largest and the tenth most populous county in New Jersey,⁸ there are only four broadcast radio stations licensed to Burlington County, New Jersey. There are two AM stations, WWJZ(AM), Mount Holly, New Jersey, Fac. ID 43904 and noncommercial station WIFI(AM), Florence, New Jersey, Fac. ID 55310, and two FM stations, WBZC(FM), Pemberton, New Jersey, Fac. ID 7844 and WVBV(FM), Medford Lakes, Fac. ID 122809, both of which are noncommercial. Only three of the stations are operating; WVBW is currently silent. The Commission recently authorized commercial station WPST(FM), Trenton, New Jersey to change its community of license to Burlington City.⁹ A minor change application seeking to complete the relocation is currently pending before the Commission. *See* FCC File No. BPH - 20041210ABO. Although these FM stations are licensed to communities within Burlington County, they only marginally serve Bass River, if at all. It appears that the residents of Burlington County, and in particular the residents of Bass River, are being underserved. It would be in the public interest for the Commission to grant Press Communications the authority

⁸ See Exhibit 5.

⁹ See *Trenton and Burlington, New Jersey*, Report and Order, 19 FCC Rcd 20914 (2004) (the "WPST Order").

to relocate WKOE to Bass River so that it could bring only the second commercial FM service to Burlington County, a county with a population of only 423,394.

D. Theoretical Transmitter Site in Bass River Township that Meets Commission Technical Requirements.

10. Using a theoretical transmitter site in Bass River, located at 39° 39' 00" N, 74° 21' 20" W (NAD-27), WKOE will be able to meet the Commission's mileage separation rules and allow the station to provide a city grade signal contour over the Township. As Figure 2 of the attached Engineering Exhibit shows, the reference point is immediately east of the Township limits and the 16 km allotment reference circle of the proposed WKOE facilities in Bass River completely encompasses the Township.

E. Gain and Loss Area from Change in Community of License.

11. WKOE currently serves 158,240 people and 1,093 square km with a 60 dBu signal from its Ocean City transmitter site. If the Commission grants the instant petition and allows WKOE to operate with maximum 6.0 kW Class A facilities from Bass River, the station potentially could provide 60 dBu service to 155,870 people and 1,922 square km. This represents a 1.5% decrease in population (2,370 people), but a 75.9% increase (829 square km) in service area, excluding the portions of the 60 dBu contour that cover open water. As Figure 3 of the Engineering Exhibit illustrates, the entire "loss area," the area that will no longer be served by WKOE, will be served by the 60 dBu signal contours of more than five existing FM radio services. This does not include the AM stations that will continue to serve this area.

IV. Bass River Township Is Eligible for Allotment as a Community of License.

A. Compliance with Section 307(b) of the Commission's Rules.

12. The Commission is required to distribute broadcast facilities among the "several states and communities" pursuant to Section 307(b) of the Communications Act of 1934, as amended. Traditionally, a geographic area that is incorporated or appears in the U.S. Census is considered a community under Section 307(b). *See Revision of FM Assignment Policies and Procedures*, Second Report and Order, 90 FCC 2d 88, 101 (1982). As noted, Bass River is listed in the U.S. Census. *See Exhibit 2.*

B. Bass River Is Independent from the New York – Newark Urban Area.

13. To prevent broadcast licensees from relocating their stations to small communities with the sole purpose of serving a larger, neighboring Urban Area, as defined by the U.S. Census Bureau, licensees must show that the smaller community is independent of an Urban Area.¹⁰ Bass River is not located in an Urban Area, however, WKOE's predicted 70 dBu contour will cover 3% percent of the New York – Newark Urban Area. *See Engineering Exhibit, Figure 5.* Although the Commission's decision to define broadcast radio markets as modified versions of Arbitron's Metro Markets would seem to eliminate the need to address the *Huntington* and *Tuck* line of cases to prevent a licensee from taking advantage of the Commission's allotment rules, Press Communications will nevertheless show that Bass River is independent from the New York - Newark Urban Area out of an abundance of caution.

¹⁰ *See Huntington Broadcasting Co. v. FCC*, 192 F.2d 33 (D.C. Cir. 1951) (*Huntington*), *see also Faye and Richard Tuck*, 3 FCC Rcd 5374, para. 48 (1988) (*Tuck*).

14. To determine if a small community neighboring an Urban Area is deserving of the allotment of its first local service, the Commission will examine: (1) the extent to which the proposed station will serve the Urban Area, (2) the relative populations and proximity of the small community and the central city(ies) of the Urban Area, and (3) evidence that indicates the small community is independent from the Urban Area.¹¹

15. Service to the New York – Newark Urban Area. The proposed facilities for WKOE in Bass River will cover less than 3% of the New York – Newark Urban Area. Given the small percentage of the New York - Newark Urban Area that the proposed WKOE facilities will cover, it is obvious that WKOE is not attempting to encroach on the New York- Newark Urban Area. Bass River is a considerable distance, 79 miles, from the two major cities in the Urban Area; New York City and Newark, New Jersey. These figures are comparable to other suburban communities to which the Commission has granted a first local preference.¹²

16. Bass River Is Independent from the New York - Newark Urban Area. Bass River reflects a number of the factors that the Commission uses to determine if a smaller community is independent from a neighboring Urban Area. However, the Commission has determined that a community need not meet all of the factors to be granted a first local preference. From the *Tuck* factors embodied in Bass River, the small percentage of the New York – Newark Urban Area

¹¹ See *Tuck*, 3 FCC Rcd at 5377-78. The Commission places more weight on the evidentiary factors than the other two aspects of the Huntington/Tuck analysis. There are eight evidentiary factors: (1) the extent to which community residents work in the Urban Area, rather than the specified community; (2) whether the smaller community has its own newspaper; (3) whether the community's leaders and residents perceive the specified community as being separate from the Urban Area; (4) whether the specified community has its own local government and elected officials; (5) whether the specified community has its own telephone company or zip code; (6) whether the community has its own commercial establishments, health facilities, and transportation systems; (7) the extent to which the specified community and the city(ies) in the Urban Area are part of the same advertising market; and (8) whether the specified community has its own municipal services such as police, fire protection, schools, libraries. See *Tuck*, supra; and *RKO General, Inc.*, 5 FCC Rcd 3222 (1990).

¹² See *Park City, Montana*, Report and Order, 19 FCC Rcd 2092 (2004) (Park City's population is less than 1% of the population of Billings, Montana and is 21 miles from Billings) and *Ada, Newcastle and Watonga, Oklahoma*, Report and Order, 11 FCC Rcd 16896 (1996) (Newcastle's population is less than 1% of the population of Oklahoma City, Oklahoma and is 15 miles from Oklahoma City).

that will be covered by WKOE's proposed facilities, and the great distance between Bass River and the major cities in the Urban Area, it is clear that Bass River is independent of its neighboring Urban Area and the allocation of WKOE to Bass River does not raise an Urban Area encroachment issue. If the Commission desires additional material on this issues, Press Communications will be pleased to supply it.

C. Other Factors Supporting Bass River Allocation.

17. Bass River's Local Government and Elected Officials. The Township has a Mayor and a governing Board of Commissioners. *See Exhibit 6.* The Board of Commissioners meets on the third Monday of every month at the Township's Municipal Building located at 3 N. Maple Avenue, New Gretna 08224.

18. Extent to which Community Residents Work in Bass River. According to 2000 Census figures, 116 of the 762 working Bass River residents that are at least 16 years old work in the Township. *See Exhibit 7.* These workers represent more than 15% of the working residents of Bass River.¹³

19. Bass River's Commercial Establishments, Religious Institutions and Transportation Systems. Bass River has a large number of commercial retail and service establishments typical of a community if its size, including the Bass River Marina LLC, the Bass River Yachting Center, the Viking Yacht Company and Allen's Dock. *See Exhibit 8.* The Township is also the home of the Recreational Fishing Alliance, which is a lobbying organization for the rights of sports fishermen. *Id.* The Living Water Christian Center, Saint Paul's Methodist Church, and the First Presbyterian Church of New Gretna are located in the

¹³ This percentage of working-age residents who work in their community is greater than the percentages of other communities that received allotment preferences from the Commission. *See Albemarle and Indian Trail, North Carolina*, Report and Order, 16 FCC Rcd 13876 (2001) (11.3% of working-age residents worked in Indian Trail, North Carolina) and *Coolidge and Gilbert, Arizona*, 11 FCC Rcd 3610 (1996) (13% of working-age residents worked in Gilbert, Arizona).

Township. New Gretna and the Township are served by the Garden State Parkway and have their own exit - Exit No. 52 when heading south on the Parkway, Exit No. 50 when heading north. Additionally, the Township encompasses the Bass River State Forest, which was the first officially designated state forest in New Jersey and celebrates its 100th Anniversary this year. *See Exhibit 9.* The distinction of having the State's first state forest distinguishes Bass River from the other communities surrounding it.

20. Bass River's Municipal Services. The Township has its own school district, *see Exhibit 10*, and its own elementary school, the Bass River Township Elementary School, located at 11 North Maple Avenue, PO Box 304, New Gretna, New Jersey 08224. *Id.* The Township also has its own community library. *Id.* Bass River relies on state police, who have an office located at the State Police Bass River Station & Mile Post 52, New Gretna, New Jersey 08224. The New Gretna Volunteer Fire Company provides fire protection to the New Gretna portion of the Township. The center of Bass River, the community of New Gretna, has its own zip code, 08224, and has its own Post Office located at 5624 Route 9, New Gretna, New Jersey 08224-9998. *See Exhibit 11.*

V. Change in Transmitter Site and Channel
Ensure Compliance with Commission's Rules.

21. Operating WKOE at a new transmitter site at 6.0 kW will allow Press Communications to serve Bass River while complying with the minimum separation requirements. As reflected in the attached Engineering Exhibit, there is only a small area in which WKOE can be located as a 6.0 kW facility and still meet the Commission's mileage separation requirements. *See Engineering Exhibit, Figure 2.*

22. Press Communications is the licensee of five other broadcast radio stations besides WKOE, all of which are licensed to communities in New Jersey.¹⁴ The stations are WBBO(FM), Ocean Acres, Fac. ID 59495; WBHX(FM), Tuckerton, Fac. ID 56233; WHTG(AM), Eatontown, Fac. ID 72323; WHTG-FM, Eatontown, Fac. ID 72324; and WWZY(FM), Long Branch, Fac. ID 32983. All of these stations, except for WKOE, are located in the Monmouth-Ocean Arbitron Metro Market, and as noted Bass River is in the Philadelphia Arbitron Market.

23. The change of WKOE's community of license would not cause Press Communications to run afoul of the Commission's multiple ownership rules. All of Press Communications' remaining stations are located in the Monmouth-Ocean Arbitron Metro Market. Press Communications complies with the multiple ownership rules within that metro. Bass River is in the Philadelphia Arbitron Metro Market. Thus, there is would be no impact on the multiple ownership rules for WKOE to change its community of license to Bass River.¹⁵

CONCLUSION

24. Press Communications' request to change WKOE's community of license, and channel furthers the Commission's mandate to distribute broadcast facilities among the states and communities on a fair and equitable basis. Bass River is a community deserving of its first local broadcast service. As shown, Ocean City will not be detrimentally impacted by the proposed changes. Therefore, Press Communications respectfully requests that the Commission initiate a

¹⁴ Robert E. McAllan, CEO of Press Communications, has attributable interests in Vero Beach FM Radio Partnership, licensee of WGNX(FM), Vero Beach, Florida, Fac. ID No. 70001, as well as Vero Beach Broadcasters, LLC, licensee of WTTB(AM), Vero Beach, Florida, Fac. ID No. 58947 and WGYL(FM), Vero Beach, Florida, Fac. ID No 58946, and WOSN(FM), Indian River Shores, Florida, Fac. ID No. 63823.

¹⁵ Even under the Commission's former contour overlap rules, there would be no relevant contour overlap between WWZY, WHTG(AM), and WHTG-FM to the north and WBBO, WBXH and WKOE to the south. See Engineering Exhibit, Figure 4.

Rulemaking proceeding to modify the FM Table of Allotments, Section 73.202 of the Commission's rules, as follows:

City	Channel	
	Present	Proposed
Ocean City, New Jersey	217B1, ¹⁶ 252A, 292A + 224LI	217B1, 252A + 224LI
Bass River Township, New Jersey	- - -	293A

Respectfully submitted,

PRESS COMMUNICATIONS, LLC

By: 

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¹⁶ The noncommercial educational channel allotments for Ocean City are included in this table to illustrate that there are other FM stations serving Ocean City, New Jersey. As noted *infra*, AM broadcast radio station WIBG, Fac. ID 19617, is licensed to Ocean City/Somers Point, New Jersey.

Exhibit 1

Stations in the Atlantic City-Cape May Metro Market

<u>Licensee</u>	<u>Station</u>
1. Access.1 New Jersey License Company	WGYM(AM), Hammonton, NJ, Fac. ID 61110
2. Access.1 New Jersey License Company	WMGM(FM), Atlantic City, NJ, Fac. ID 61100
3. Access.1 New Jersey License Company	WOND(AM), Pleasantville, NJ, Fac. ID 61102
4. Access.1 New Jersey License Company	WUSS(AM), Pleasantville, NJ, Fac. ID 30040
5. Access.1 New Jersey License Company	WTKU(FM), Ocean City, NJ, Fac. ID 30040, Fac. ID 3139
6. Atlantic City Board Of Education	WAJM(FM), Atlantic City, NJ, Fac. ID 3123
7. Coastal Broadcasting Systems, Inc.	WILW(FM), Avalon, NJ, Fac. ID 16910
8. CSN International	WWFP(FM), Brigantine, NJ, Fac. ID 122933 (off air)
9. Enrico S. Brancadora	WIBG(AM), Ocean City, NJ, Fac. ID 19617
10. Equity Communications, L.P.	WAIV(FM), Cape May, NJ, Fac. ID 37475
11. Equity Communications, L.P.	WAYV(FM), Atlantic City, NJ, Fac. ID 3125
12. Equity Communications, L.P.	WCMC(AM), Wildwood, NJ, Fac. ID 70259
13. Equity Communications, L.P.	WDTH(FM), Wildwood Crest, NJ, Fac. ID 32201
14. Equity Communications, L.P.	WGBZ(FM), Cape May Court House, NJ, Fac. ID 40031
15. Equity Communications, L.P.	WMID(AM), Atlantic City, NJ, Fac. ID 1307
16. Equity Communications, L.P.	WTTH(FM), Margate City, NJ, Fac. ID 40030
17. Equity Communications, L.P.	WZBZ(FM), Pleasantville, NJ, Fac. ID 1306
18. Equity Communications, L.P.	WZXL(FM), Wildwood, NJ, Fac. ID 70260
19. In His Name Broadcasting, Inc.	WXXY-FM, Port Republic, NJ, Fac. ID 87809
20. Joy Broadcasting, Inc.	WXGN(FM), Egg Harbor Township, NJ, Fac. 32338
21. Maranatha Ministries	WJPG(FM), Cape May Court House, NJ, Fac. ID 86859 (off air)
22. Maranatha Ministries/Joy Communications, Inc.	WJPH(FM), Woodbine, NJ, Fac. ID 90117
23. Mercer County Community College	WWCJ(FM), Cape May, NJ, Fac. ID 41201
24. Millennium Atlantic City License Holdco, LLC	WKXW(AM), Atlantic City, NJ, Fac. ID 10448
25. Millennium Atlantic City License Holdco, LLC	WPUR(FM), Atlantic City, NJ, Fac. ID 54894
26. Millennium Atlantic City License Holdco, LLC	WFPG-FM, Atlantic City, NJ, Fac. ID 10449
27. Millennium Atlantic City II License Holdco, LLC	WIXM(FM), Millville, NJ, Fac. ID 72981

- 28. Millennium Egg Harbor License Holdco, LLC
- 29. New Jersey Public Broadcasting Authority
- 30. New Jersey Public Broadcasting Authority
- 31. Parinello Enterprises, Inc.
- 32. Press Communications, LLC
- 33. Temple U. of the Commonwealth System
- 34. WJNN, Inc.
- 35. WZK, LLC

- WSJO(FM), Egg Harbor City, NJ, Fac. ID 57357
- WNJN-FM, Atlantic City, NJ, Fac. ID 48483
- WNJZ(FM), Cape May Court House, NJ, Fac. ID 48464
- WJSE(FM), Petersburg, NJ, Fac. ID 51575
- WKOE(FM), Ocean City, NJ, Fac. ID 49984
- WRTQ(FM), Ocean City, NJ, Fac. ID 65176
- WDOX(FM), North Cape May, New Jersey, Fac. ID 72113
- WCZT(FM), Villas, NJ, Fac. ID 39914

Exhibit 2

**Bass River Township
2000 Census Data**

Table DP-1. Profile of General Demographic Characteristics: 2000

Geographic area: Bass River township, Burlington County, New Jersey

[For information on confidentiality protection, nonsampling error, and definitions, see text]

Subject	Number	Percent	Subject	Number	Percent
Total population	1,510	100.0	HISPANIC OR LATINO AND RACE		
SEX AND AGE			Total population	1,510	100.0
Male.....	768	50.9	Hispanic or Latino (of any race).....	33	2.2
Female.....	742	49.1	Mexican.....	-	-
Under 5 years.....	66	4.4	Puerto Rican.....	17	1.1
5 to 9 years.....	109	7.2	Cuban.....	10	0.7
10 to 14 years.....	152	10.1	Other Hispanic or Latino.....	6	0.4
15 to 19 years.....	116	7.7	Not Hispanic or Latino.....	1,477	97.8
20 to 24 years.....	90	6.0	White alone.....	1,462	96.8
25 to 34 years.....	146	9.7	RELATIONSHIP		
35 to 44 years.....	312	20.7	Total population	1,510	100.0
45 to 54 years.....	234	15.5	In households.....	1,510	100.0
55 to 59 years.....	64	4.2	Householder.....	548	36.3
60 to 64 years.....	60	4.0	Spouse.....	324	21.5
65 to 74 years.....	102	6.8	Child.....	488	32.3
75 to 84 years.....	50	3.3	Own child under 18 years.....	369	24.4
85 years and over.....	9	0.6	Other relatives.....	71	4.7
Median age (years).....	38.1	(X)	Under 18 years.....	25	1.7
18 years and over.....	1,105	73.2	Nonrelatives.....	79	5.2
Male.....	565	37.4	Unmarried partner.....	42	2.8
Female.....	540	35.8	In group quarters.....	-	-
21 years and over.....	1,048	69.4	Institutionalized population.....	-	-
62 years and over.....	188	12.5	Noninstitutionalized population.....	-	-
65 years and over.....	161	10.7	HOUSEHOLD BY TYPE		
Male.....	71	4.7	Total households	548	100.0
Female.....	90	6.0	Family households (families).....	410	74.8
RACE			With own children under 18 years.....	196	35.8
One race.....	1,499	99.3	Married-couple family.....	324	59.1
White.....	1,493	98.9	With own children under 18 years.....	152	27.7
Black or African American.....	1	0.1	Female householder, no husband present.....	50	9.1
American Indian and Alaska Native.....	1	0.1	With own children under 18 years.....	27	4.9
Asian.....	2	0.1	Nonfamily households.....	138	25.2
Asian Indian.....	-	-	Householder living alone.....	106	19.3
Chinese.....	-	-	Householder 65 years and over.....	39	7.1
Filipino.....	2	0.1	Households with individuals under 18 years.....	215	39.2
Japanese.....	-	-	Households with individuals 65 years and over.....	122	22.3
Korean.....	-	-	Average household size.....	2.76	(X)
Vietnamese.....	-	-	Average family size.....	3.15	(X)
Other Asian ¹	-	-	HOUSING OCCUPANCY		
Native Hawaiian and Other Pacific Islander.....	-	-	Total housing units	602	100.0
Native Hawaiian.....	-	-	Occupied housing units.....	548	91.0
Guamanian or Chamorro.....	-	-	Vacant housing units.....	54	9.0
Samoan.....	-	-	For seasonal, recreational, or		
Other Pacific Islander ²	-	-	occasional use.....	21	3.5
Some other race.....	2	0.1	Homeowner vacancy rate (percent).....	0.8	(X)
Two or more races.....	11	0.7	Rental vacancy rate (percent).....	7.2	(X)
Race alone or in combination with one			HOUSING TENURE		
or more other races: ³			Occupied housing units	548	100.0
White.....	1,504	99.6	Owner-occupied housing units.....	471	85.9
Black or African American.....	6	0.4	Renter-occupied housing units.....	77	14.1
American Indian and Alaska Native.....	3	0.2	Average household size of owner-occupied units.....	2.84	(X)
Asian.....	6	0.4	Average household size of renter-occupied units.....	2.25	(X)
Native Hawaiian and Other Pacific Islander.....	-	-			
Some other race.....	2	0.1			

- Represents zero or rounds to zero. (X) Not applicable.

¹ Other Asian alone, or two or more Asian categories.

² Other Pacific Islander alone, or two or more Native Hawaiian and Other Pacific Islander categories.

³ In combination with one or more of the other races listed. The six numbers may add to more than the total population and the six percentages may add to more than 100 percent because individuals may report more than one race.

Source: U.S. Census Bureau, Census 2000.

Table DP-2. Profile of Selected Social Characteristics: 2000

Geographic area: Bass River township, Burlington County, New Jersey

[Data based on a sample. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see text]

Subject	Number	Percent	Subject	Number	Percent
SCHOOL ENROLLMENT			NATIVITY AND PLACE OF BIRTH		
Population 3 years and over enrolled in school.....	399	100.0	Total population.....	1,552	100.0
Nursery school, preschool.....	6	1.5	Native.....	1,504	96.9
Kindergarten.....	24	6.0	Born in United States.....	1,500	96.6
Elementary school (grades 1-8).....	213	53.4	State of residence.....	1,182	76.2
High school (grades 9-12).....	109	27.3	Different state.....	318	20.5
College or graduate school.....	47	11.8	Born outside United States.....	4	0.3
EDUCATIONAL ATTAINMENT			Foreign born.....	48	3.1
Population 25 years and over.....	1,011	100.0	Entered 1990 to March 2000.....	2	0.1
Less than 9th grade.....	46	4.5	Naturalized citizen.....	35	2.3
9th to 12th grade, no diploma.....	151	14.9	Not a citizen.....	13	0.8
High school graduate (includes equivalency).....	397	39.3	REGION OF BIRTH OF FOREIGN BORN		
Some college, no degree.....	190	18.8	Total (excluding born at sea).....	48	100.0
Associate degree.....	46	4.5	Europe.....	25	52.1
Bachelor's degree.....	132	13.1	Asia.....	8	16.7
Graduate or professional degree.....	49	4.8	Africa.....	8	16.7
Percent high school graduate or higher.....	80.5	(X)	Oceania.....	-	-
Percent bachelor's degree or higher.....	17.9	(X)	Latin America.....	5	10.4
MARITAL STATUS			Northern America.....	2	4.2
Population 15 years and over.....	1,231	100.0	LANGUAGE SPOKEN AT HOME		
Never married.....	315	25.6	Population 5 years and over.....	1,489	100.0
Now married, except separated.....	716	58.2	English only.....	1,430	96.0
Separated.....	28	2.3	Language other than English.....	59	4.0
Widowed.....	85	6.9	Speak English less than "very well".....	17	1.1
Female.....	73	5.9	Spanish.....	16	1.1
Divorced.....	87	7.1	Speak English less than "very well".....	2	0.1
Female.....	31	2.5	Other Indo-European languages.....	38	2.6
GRANDPARENTS AS CAREGIVERS			Speak English less than "very well".....	15	1.0
Grandparent living in household with one or more own grandchildren under 18 years.....	46	100.0	Asian and Pacific Island languages.....	2	0.1
Grandparent responsible for grandchildren.....	17	37.0	Speak English less than "very well".....	-	-
VETERAN STATUS			ANCESTRY (single or multiple)		
Civilian population 18 years and over ..	1,139	100.0	Total population.....	1,552	100.0
Civilian veterans.....	179	15.7	Total ancestries reported.....	1,967	126.7
DISABILITY STATUS OF THE CIVILIAN NONINSTITUTIONALIZED POPULATION			Arab.....	3	0.2
Population 5 to 20 years.....	407	100.0	Czech ¹	29	1.9
With a disability.....	18	4.4	Danish.....	4	0.3
Population 21 to 64 years.....	893	100.0	Dutch.....	38	2.4
With a disability.....	220	24.6	English.....	257	16.6
Percent employed.....	56.8	(X)	French (except Basque) ¹	72	4.6
No disability.....	673	75.4	French Canadian ¹	14	0.9
Percent employed.....	82.6	(X)	German.....	428	27.6
Population 65 years and over.....	185	100.0	Greek.....	4	0.3
With a disability.....	71	38.4	Hungarian.....	16	1.0
RESIDENCE IN 1995			Irish ¹	359	23.1
Population 5 years and over.....	1,489	100.0	Italian.....	256	16.5
Same house in 1995.....	1,108	74.4	Lithuanian.....	7	0.5
Different house in the U.S. in 1995.....	379	25.5	Norwegian.....	11	0.7
Same county.....	57	3.8	Polish.....	127	8.2
Different county.....	322	21.6	Portuguese.....	-	-
Same state.....	266	17.9	Russian.....	12	0.8
Different state.....	56	3.8	Scotch-Irish.....	26	1.7
Elsewhere in 1995.....	2	0.1	Scottish.....	33	2.1
			Slovak.....	6	0.4
			Subsaharan African.....	-	-
			Swedish.....	28	1.8
			Swiss.....	5	0.3
			Ukrainian.....	9	0.6
			United States or American.....	106	6.8
			Welsh.....	23	1.5
			West Indian (excluding Hispanic groups).....	-	-
			Other ancestries.....	94	6.1

-Represents zero or rounds to zero. (X) Not applicable.

¹The data represent a combination of two ancestries shown separately in Summary File 3. Czech includes Czechoslovakian. French includes Alsatian. French Canadian includes Acadian/Cajun. Irish includes Celtic.

Source: U.S. Bureau of the Census, Census 2000.

Table DP-4. Profile of Selected Housing Characteristics: 2000

Geographic area: Bass River township, Burlington County, New Jersey

[Data based on a sample. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see text]

Subject	Number	Percent	Subject	Number	Percent
Total housing units	610	100.0	OCCUPANTS PER ROOM		
UNITS IN STRUCTURE			Occupied housing units	556	100.0
1-unit, detached	528	86.6	1.00 or less	534	96.0
1-unit, attached	14	2.3	1.01 to 1.50	22	4.0
2 units	-	-	1.51 or more	-	-
3 or 4 units	-	-			
5 to 9 units	-	-	Specified owner-occupied units	402	100.0
10 to 19 units	-	-	VALUE		
20 or more units	-	-	Less than \$50,000	12	3.0
Mobile home	66	10.8	\$50,000 to \$99,999	196	48.8
Boat, RV, van, etc	2	0.3	\$100,000 to \$149,999	98	24.4
			\$150,000 to \$199,999	59	14.7
			\$200,000 to \$299,999	22	5.5
			\$300,000 to \$499,999	15	3.7
			\$500,000 to \$999,999	-	-
			\$1,000,000 or more	-	-
			Median (dollars)	98,800	(X)
YEAR STRUCTURE BUILT			MORTGAGE STATUS AND SELECTED		
1999 to March 2000	-	-	MONTHLY OWNER COSTS		
1995 to 1998	6	1.0	With a mortgage	301	74.9
1990 to 1994	25	4.1	Less than \$300	-	-
1980 to 1989	71	11.6	\$300 to \$499	4	1.0
1970 to 1979	168	27.5	\$500 to \$699	25	6.2
1960 to 1969	88	14.4	\$700 to \$999	91	22.6
1940 to 1959	109	17.9	\$1,000 to \$1,499	125	31.1
1939 or earlier	143	23.4	\$1,500 to \$1,999	38	9.5
			\$2,000 or more	18	4.5
			Median (dollars)	1,089	(X)
			Not mortgaged	101	25.1
			Median (dollars)	431	(X)
ROOMS			SELECTED MONTHLY OWNER COSTS		
1 room	12	2.0	AS A PERCENTAGE OF HOUSEHOLD		
2 rooms	7	1.1	INCOME IN 1999		
3 rooms	33	5.4	Less than 15.0 percent	99	24.6
4 rooms	52	8.5	15.0 to 19.9 percent	76	18.9
5 rooms	160	26.2	20.0 to 24.9 percent	80	19.9
6 rooms	151	24.8	25.0 to 29.9 percent	44	10.9
7 rooms	91	14.9	30.0 to 34.9 percent	36	9.0
8 rooms	54	8.9	35.0 percent or more	67	16.7
9 or more rooms	50	8.2	Not computed	-	-
Median (rooms)	5.8	(X)			
Occupied housing units	556	100.0	Specified renter-occupied units	67	100.0
YEAR HOUSEHOLDER MOVED INTO UNIT			GROSS RENT		
1999 to March 2000	39	7.0	Less than \$200	3	4.5
1995 to 1998	126	22.7	\$200 to \$299	-	-
1990 to 1994	111	20.0	\$300 to \$499	4	6.0
1980 to 1989	128	23.0	\$500 to \$749	25	37.3
1970 to 1979	85	15.3	\$750 to \$999	12	17.9
1969 or earlier	67	12.1	\$1,000 to \$1,499	4	6.0
			\$1,500 or more	-	-
			No cash rent	19	28.4
			Median (dollars)	650	(X)
VEHICLES AVAILABLE			GROSS RENT AS A PERCENTAGE OF		
None	17	3.1	HOUSEHOLD INCOME IN 1999		
1	168	30.2	Less than 15.0 percent	13	19.4
2	261	46.9	15.0 to 19.9 percent	9	13.4
3 or more	110	19.8	20.0 to 24.9 percent	6	9.0
			25.0 to 29.9 percent	4	6.0
			30.0 to 34.9 percent	-	-
			35.0 percent or more	16	23.9
			Not computed	19	28.4
HOUSE HEATING FUEL					
Utility gas	2	0.4			
Bottled, tank, or LP gas	87	15.6			
Electricity	108	19.4			
Fuel oil, kerosene, etc	313	56.3			
Coal or coke	8	1.4			
Wood	31	5.6			
Solar energy	-	-			
Other fuel	5	0.9			
No fuel used	2	0.4			
SELECTED CHARACTERISTICS					
Lacking complete plumbing facilities	9	1.6			
Lacking complete kitchen facilities	7	1.3			
No telephone service	14	2.5			

-Represents zero or rounds to zero. (X) Not applicable.

Source: U.S. Bureau of the Census, Census 2000.

Exhibit 3

Stations in the Philadelphia Metro Market

<u>Licensee</u>	<u>Station</u>
1. AMFM Radio Licenses, L.L.C.	WDAS(AM), Philadelphia, PA, Fac. ID 71315
2. AMFM Radio Licenses, L.L.C.	WDAS-FM, Philadelphia, PA, Fac. ID 71316
3. AMFM Radio Licenses, L.L.C.	WIOQ(FM), Philadelphia, PA, Fac. ID 20348
4. AMFM Radio Licenses, L.L.C.	WJJZ(FM), Philadelphia, PA, Fac. ID 53973
5. AMFM Radio Licenses, L.L.C.	WSNI-FM, Philadelphia, PA, Fac. ID 53969
6. AMFM Radio Licenses, L.L.C.	WUSL(FM), Philadelphia, PA, Fac. ID 20349
7. Drexel University	WKDU(FM), Philadelphia, PA, Fac. ID 17596
8. Family Stations, Inc.	WKDN(FM), Camden, NJ, Fac. ID 20842
9. Global Radio, L.L.C.	WNWR(AM), Philadelphia, PA, Fac. ID 1027
10. Greater Boston Radio, Inc.	WMMR(FM), Philadelphia, PA, Fac. ID 25438
11. Greater Philadelphia Radio, Inc.	WMGK(FM), Philadelphia, PA, Fac. ID 25094
12. Greater Philadelphia Radio, Inc.	WMWX(FM), Philadelphia, PA, Fac. ID 22308
13. Greater Philadelphia Radio, Inc.	WPEN(AM), Philadelphia, PA, Fac. ID 25095
14. Great Scott Broadcasting	WPAZ(AM), Pottstown, PA, Fac. ID 25002
15. Group A Licensee, LLC	WCOJ(AM), Coatesville, PA, Fac. ID 63593
16. Infinity Broadcasting Corporation of Philadelphia	WIP(AM), Philadelphia, PA, Fac. ID 28626
17. Infinity Broadcasting East Inc.	KYW(AM), Philadelphia, PA, Fac. ID 25441
18. Infinity Broadcasting East Inc.	WOGL(FM), Philadelphia, PA, Fac. ID 9622
19. Infinity Broadcasting East Inc.	WPHT(AM), Philadelphia, PA, Fac. ID 9634
20. Infinity Broadcasting East Inc.	WYSP(FM), Philadelphia, PA, Fac. ID 28628
21. Inner Radio I, L.L.C.	WHAT(AM), Philadelphia, PA, Fac. ID 33686
22. Levas Communications, LLC	WURD(AM), Philadelphia, PA, Fac. ID 52442
23. Mega Communications of Camden Licensee, L.L.C.	WEMG(AM), Camden, NJ, Fac. ID 74073
24. Pennsylvania Media Associates, Inc.	WFIL(AM), Philadelphia, PA, Fac. ID 52193
25. Pennsylvania Media Associates, Inc.	WNTP(AM), Philadelphia, PA, Fac. ID 52194
26. Radio Disney Group, LLC	WWJZ(AM), Mount Holly, NJ, Fac. ID 43904
27. Radio One Licenses, LLC	WPHI-FM, Media, PA, Fac. ID 25079

- | | | |
|-----|--|--|
| 28. | Temple Univ. of the Commonwealth, et al. | WRTI(FM), Philadelphia, PA, Fac. ID 65190 |
| 29. | Trustees of the University of Pennsylvania | WXPN(FM), Philadelphia, PA, Fac. ID 68229 |
| 30. | WDAS License Limited Partnership | WRDW-FM, Philadelphia, PA, Fac. ID 51434 |
| 31. | West Philadelphia Broadcasting Foundation | WPEB(FM), Philadelphia, PA, Fac. ID 71637 |
| 32. | WEAZ-FM Radio, Inc. | WBEB(FM), Philadelphia, PA, Fac. ID 71382 |
| 33. | WHYY, Inc. | WHYY-FM, Philadelphia, PA, Fac. ID 72336 |
| 34. | WNAP, Inc. | WNAP(AM), Norristown, PA, Fac. ID 73313 |
| 35. | WTMR License Limited Partnership | WTMR(AM), Camden, NJ, Fac. ID 24658 |
| 36. | WWDB License Limited Partnership | WWDB(AM), Philadelphia, PA, Fac. ID 74085 |
| 37. | WXTU License Limited Partnership | WXTU(FM), Philadelphia, PA, Fac. ID 74213 |
| 38. | Nassau Broadcasting II, L.L.C. | WPST(FM), Burlington City, New Jersey, Fac. ID 47427 |

Exhibit 4

54 dBu Contour of WOGL(FM), Philadelphia, PA, Fac. ID 9622



[Help](#) | [Home](#)

Callsign: WOGL **Service:** FA **Community:**
 PHILADELPHIA, PA, US

Licensee: INFINITY BROADCASTING EAST INC.

Class: B **Channel:** 251 **Freq:** 98.1 MHZ

File No.: - **Dom. Status:** USE **Main/Aux:**

Rule 73_215: N **Cutoff Date:** **Docket Number:**

Facility ID: 9622 **Application ID:** 292969 **ASRN:**

Latitude: N 40° 2' 31"
Longitude: W 75° 14' 11"

	Horizontal	Vertical
ERP:		kw
HAAT:		m
RCAMSL:		m
RCAGL:		m

Not in a Border Zone

Antenna:
 Non-DA No beam tilt

Rotation:
Antenna ID: **Make:** **Model:**

Callsign: WOGL **Service:** FM **Community:**
 PHILADELPHIA, PA, US

Licensee: INFINITY BROADCASTING EAST INC.

Class: B **Channel:** 251 **Freq:** 98.1 MHZ

File No.: BLH-7443 **Dom. Status:** LIC **Main/Aux:** M

Rule 73_215: N **Cutoff Date:** **Docket Number:**

Facility ID: 9622 **Application ID:** 300209 **ASRN:**

Latitude: N 40° 2' 31"
Longitude: W 75° 14' 11"

File No.: BPH-20020909AAE Dom. Status: CP Main/Aux: M
 Rule 73_215: N Cutoff Date: Docket Number:
 Facility ID: 9622 Application ID: 605766 ASRN: 1231524
 Latitude: N 40° 2' 29.6 "
 Longitude: W 75° 14' 11.4 "

	Horizontal	Vertical
ERP:	9.6	9.6 kw
HAAT:	338	338 m
RCAMSL:	403	403 m
RCAGL:	314	314 m

Not in a Border Zone

Antenna:
 Non-DA No beam tilt

Rotation:
 Antenna ID: Make: Model:

Callsign: WOGL Service: FS Community:
 PHILADELPHIA, PA, US

Licensee: INFINITY BROADCASTING EAST INC.

Class: B Channel: 251 Freq: 98.1 MHZ

File No.: BXPB-20021120AAJ Dom. Status: CP Main/Aux: A

Rule 73_215: N Cutoff Date: Docket Number:

Facility ID: 9622 Application ID: 618721 ASRN: 1231524

Latitude: N 40° 2' 29.6 "
 Longitude: W 75° 14' 11.4 "

	Horizontal	Vertical
ERP:	10	10 kw
HAAT:	261	261 m
RCAMSL:	324.5	324.5 m
RCAGL:	235.5	235.5 m

Not in a Border Zone

Antenna:
 Non-DA No beam tilt

Rotation:
 Antenna ID: Make: Model:

Page 2 FCC FM and TV Propagation Curves Calculations

NOTE: If no data fields appear below, a selection was not checked on [Page 1](#). Please use the browser BACK button and recheck your data.

Enter the ERP, in kW:

* *

Enter the HAAT, in meters:

* *

Enter the desired field strength, in dBu:

* *

* *

* *

Input Data from Page 1

Distances are in meters and kilometers
Power is in kW (kilowatts)
Field Strength is in dBu
FM and NTSC TV Channels 2 through 6

F(50,50) for service contours selected
Find Distance, given a Field Strength

Reenter the Page 1 input parameters?

If the input parameters above are OK, please continue on the left to Page 3.

If no data entry fields appeared on the left, all of the fields from Page 1 were not received properly. Please return to [Page 1](#), verify the data, and resubmit.



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Audio Division

(202)-418-2700

FM and TV Propagations Curves Calculations

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[FCC site](#)

Results -- FM and TV Propagation Curves Calculations

Results of Calculation

Distance to Contour = 65.709 km

[Back to Numeric Entries](#)

[Back to Initial Selections](#)

For input data from Pages 1 and 2:

ERP entered = 12.500 kW

HAAT entered = 305.00 meters

Field Strength entered = 54.000 dBu

Find the Distance to the Contour, Given a Field Strength

F(50,50) curves for service contours

FM and NTSC analog TV Channels 2 through 6

[Back to Numeric Entries](#)

[Back to Initial Selections](#)

Comments on this program may be referred to [Dale Bickel](#)

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Please send comments via standard mail to the Federal Communications Commission, Consumer and Governmental Affairs Bureau, 445 12th Street, S.W., Washington, D.C., 20554. Questions can also be answered by calling the FCC's National Call Center, toll free, at 1-888-Call FCC (1-888-225-5322).

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Circle Plots on Tiger Census Maps

FCC MB > [Audio Division](#) > [Circle Plots on Tiger Census Map](#)

[FCC site map](#)

Quick Links to Audio Division Information

Plot Circles on Map

This program can be used to generate circles which will be overlaid on a map of the United States or a portion thereof. You may chose single or multiple radii from a particular latitude and longitude location, in degrees/minutes/seconds or decimal degrees. With some preliminary work on your part, these can be used to:

- o Approximate the protected service and interfering contours for an FM or TV station.
- o Show areas which meet the minimum spacing criteria for FM stations, e.g., for allotment studies for FM commercial stations prior to filing a petition for rulemaking.
- o Find the location of the blanketing interfering contour (see [Section 73.318](#)).
- o Plot the locations of AM, FM, and TV stations (or those of other services) with respect to a given set of coordinates.
- o Show streets in the vicinity of a station's transmitter site, e.g., within 3.2 km (two miles) of an AM directional station (see [Section 73.1692](#)).
- o Show the location of your home with respect to the protected service contour of favorite FM or TV stations.

Examples of the map outputs are shown below. The generated maps may be saved as GIF files for future reference (see the [Tiger Map Facts by the Census Bureau](#) on how to do this).

Management and
Resources Staff

The Audio Division

Alphabetical Index

Audio's Contact
Persons list

Internet Queries

Radio Tools Popup

Conversions

Most Requested
Information

Major Subject Areas

Audio Headlines

Electronic Filing

Electronic Filing

MB E-Filing Site
(alternate site)

- These FCC/MB forms MUST be electronically filed:
FCC Forms 301, 301-CA, 302-CA, 302-FM, 302-DTV, 302-TV, 303-S, 314, 315, 316, 317, 318, 319, 323, 323-E, 337, 340, 345, 346, 347, 349, 350, 396, 396-A,

It must be noted at the outset that **this program will not generate actual service or interfering contours** for radio stations. Actual signal strength contours for FM or TV stations are affected by the terrain in a given direction, as well as the irectional pattern (where used) of the broadcast station.

Nevertheless, by using circles in lieu of contours, a particular contour of interest may be approximately located. The circle data will be close to the nondirectional contour data over flat terrain, but may be less so in mountainous terrain. Also, actual coverage will usually be less than predicted here if a directional antenna is in use. Please keep these facts in mind when reviewing the map plots generated by this program.

Two items are necessary for this program to work properly: (1) a browser capable of showing frames, and (2) patience. This program employs the Census Bureau's Tiger Mapping Service to generate the map backgrounds. Because the Tiger Map servers are very busy, and due to the large size of the files sent over (over 360 points per circle), it will usually take some minutes to generate a map. This can be reduced (and reliability improved) by using this program during hours when the Tiger Map servers are least busy. As you might expect, this consists mostly of the night and weekend hours. Tests of this program to date show that performance drops off significantly after about 12 Noon Eastern Time, and improves again after about 7 PM Eastern time. Please be advised that this condition is outside the FCC's control. The best advice we can give is to *avoid afternoon use of this program as much as possible.*

We suggest that you look at the information available at the Census Bureau's Tiger Mapping Service (particularly the FAQ page), so as to get an idea of the capabilities and limitations of this program. Please note that not all options available for the Tiger maps have been implemented in the FCC's map-point-creation program. After sending the initial data, you will have the option of *modifying* the data to include additional stations or to resize the map. The initial circles will be scaled to fit the map; for additional circles, particularly those at *different coordinates*, you will probably need to select a new map height/width in degrees.

Before using this program, please confirm the cache on your browser is set to verify documents every time. *If your browser is set differently, you may have difficulty using the Map Options to change the initial map.*

- o For **Netscape 3.0**, the cache options may be changed by going to *Options | Network Preferences | Cache => Verify Documents: Every Time.*

396-C, 397

- EEO Forms 395-A and 395-B have been suspended by Commission Order FCC 01-34.

- [CDBS Users Guide](#) ([alternate link](#)) or call (202)-418-2662

- [CDBS System Status](#)

[Call Sign Reservations & Authorizations](#) ([alternate](#)) for broadcast station call signs

[Antenna Structure Registration via ULS](#)



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www.FirstGov.gov

- For **Netscape 4.0**, the cache options may be changed by going to *Edit | Preferences | Advanced (click on the "+") | Cache | Document in cache is compared to document on the network: => Every Time*
- For **Internet Explorer 4.0**, the cache options may be changed by going to *View | Options | Advanced. Under "Temporary Internet Files", select "Settings" . On the "General"| Check for newer version of stored pages => Every visit to the page*
- For **Internet Explorer 5.0**, the cache options may be changed by going to *Tools | Internet Options . On the "General" tab, and under "Temporary Internet Files", select "Settings", then | Check for newer version of stored pages => Every visit to the page*

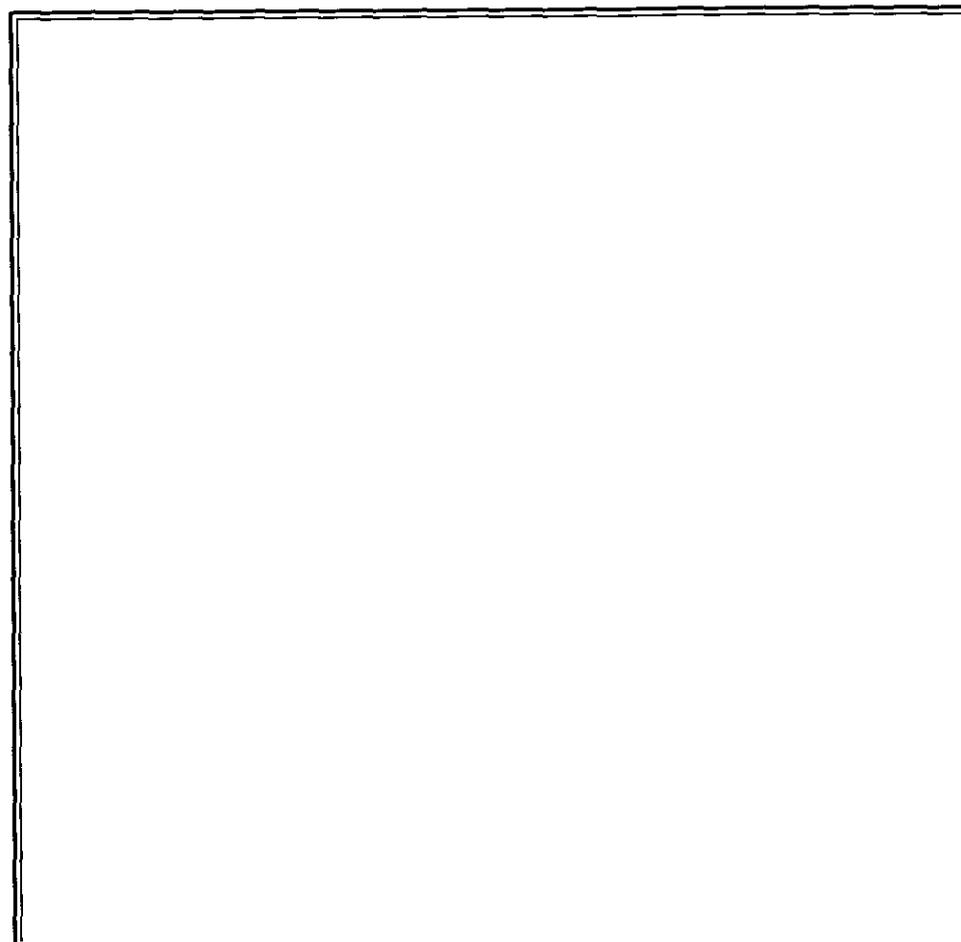
Resources you may want to refer to before creating a map include:

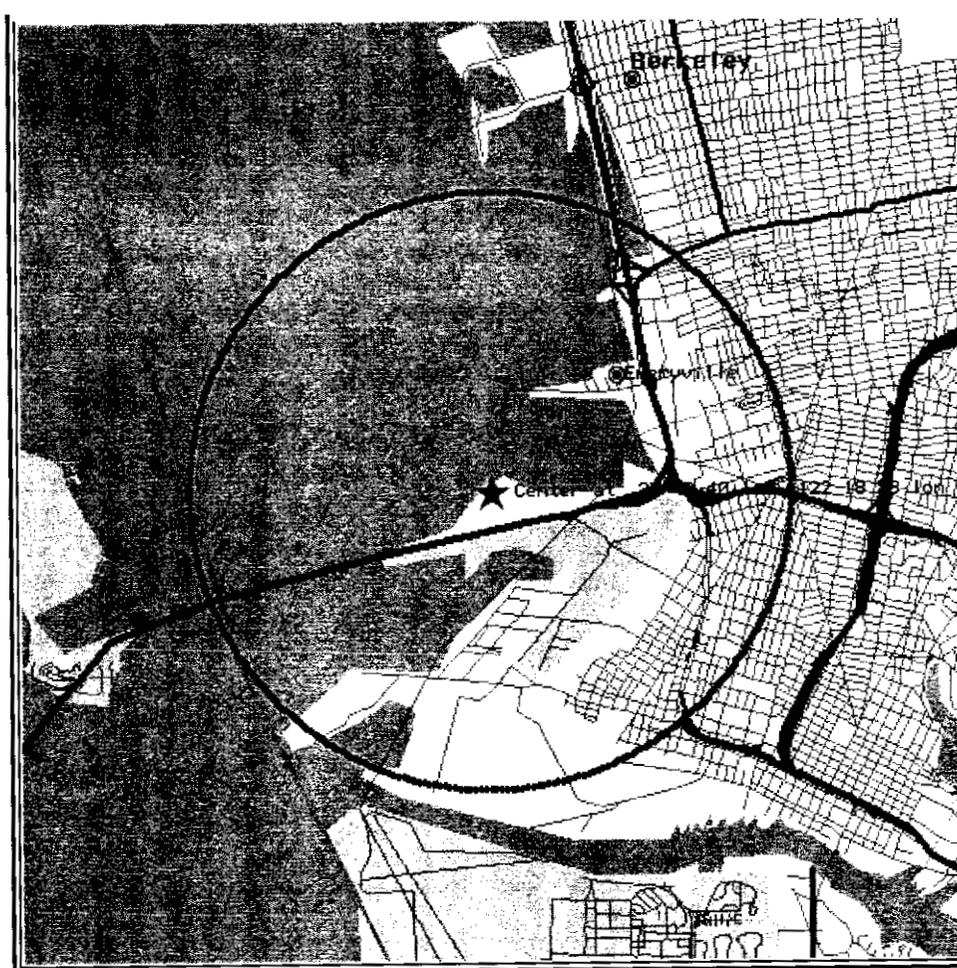
- [FM Query](#) for the ERP and HAAT of FM stations;
- [TV Query](#) for the ERP and HAAT of NTSC (non-digital) TV stations;
- [FM and TV Propagations Curves Calculations](#), to get the radial distance given an ERP and a HAAT for an FM or NTSC TV station;
- [FM Station Classes](#) for reference ERPs and HAATs for the various FM station classes;
- [Minimum Spacing Requirements for FM Stations](#);
- [Find Community Coordinates](#) program;
- The [US Gazetteer](http://www.census.gov/cgi-bin/gazetteer), at the Census Bureau at <http://www.census.gov/cgi-bin/gazetteer> can be used to find coordinates for individual locations, such as your community. The [Map Browser](http://tiger.census.gov/cgi-bin/mapbrowse-tbl) at <http://tiger.census.gov/cgi-bin/mapbrowse-tbl> can then be used to further narrow the coordinates of a particular point such as your home. (Note: this map retrieval method was not used here because the retrieved map cannot easily be resized as needed.) *Please be aware that the FCC does not warrant the accuracy of the Census Bureau's data, although as of this time we are not aware of anomalies in that data.*

Additional information about this map-generating program is available at <http://www.fcc.gov/fcc-bin/audio/circleplotinfo.html>. This information will be updated as needed.

Comments and suggestions may be directed to [Dale Bickel, dbickel@fcc.gov](mailto:dbickel@fcc.gov).

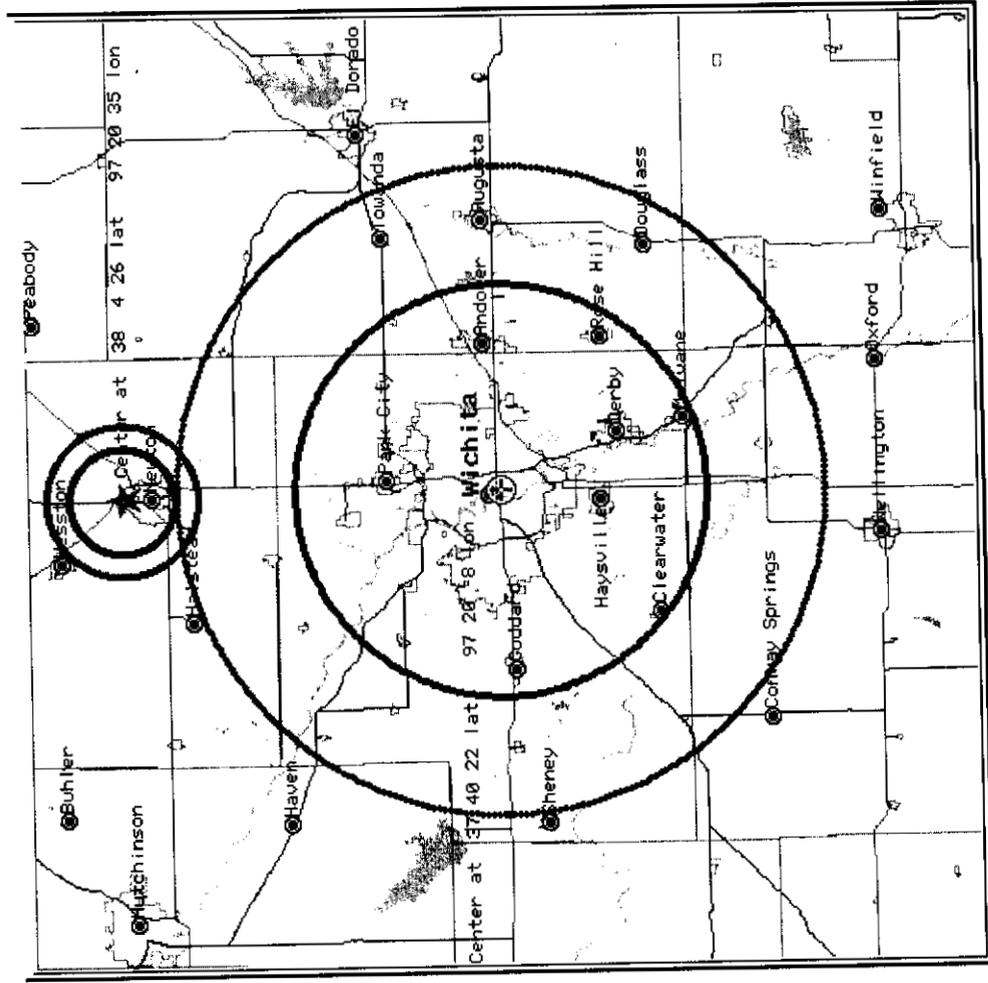
Map Examples: - ~~(Skip examples)~~ **Map Example 1.** 3.2 km radius around directional AM station KABL, Oakland, CA to verify compliance with [Section 73.1692](#) (previously generated and saved).





Map Example 2. Approximate 60 dBu protected service and 54 dBu interfering contours of KBCU, North Newton, KS (top station) and the approximate 60 dBu protected service and 54 dBu interfering contours of first-adjacent channel station KYFW, Wichita, KS (bottom station). The second station was added by using Map Options.





Initial Map Inputs



Enter Coordinates:

Degrees Minutes Seconds **Latitude:** (no decimal points)

OR decimal latitude => (include decimal point)

Degrees Minutes Seconds **Longitude:** (no decimal points)

OR decimal longitude => (include decimal point)

Latitude and Longitude may be entered as degrees, minutes, seconds or as decimal degrees. You must be consistent in the manner in which the coordinates are entered, for example, decimal degrees latitude and DD MM SS longitude will not be recognized as valid by this map program.

Generally (but not guaranteed!) the decimal coordinates will supersede DD MM SS coordinates.

NAD 27 coordinates should be used, since that is the coordinate datum on which both the FCC's databases and the Tiger Census Maps are based. Note that GPS receivers do not directly calculate coordinates in the NAD 27 system.

=====

Initial CIRCLE RADIUS (in kilometers):

Color: black green blue red purple brown

While the choice of contour or radius distance and the line color is up to you, we suggest that this data field be used for the protected service contour with the color black. This will provide a legible and consistent reference.

=====

Enter Coordinates:

Degrees Minutes Seconds **Latitude:** (no decimal points)

OR decimal latitude => (include decimal point)

Degrees Minutes Seconds **Longitude:** .. (no decimal points)

OR decimal longitude => (include decimal point)

Latitude and Longitude may be entered as degrees, minutes, seconds or as decimal degrees. You must be consistent in the manner in which the coordinates are entered, for example, decimal degrees latitude and DD MM SS longitude will not be recognized as valid by this map program.

Generally (but not guaranteed!) the decimal coordinates will supersede DD MM SS coordinates.

NAD 27 coordinates should be used, since that is the coordinate datum on which both the FCC's databases and the Tiger Census Maps are based. Note that GPS receivers do not directly calculate coordinates in the NAD 27 system.

=====

Initial CIRCLE RADIUS (in kilometers):

Color: black green blue red purple brown

While the choice of contour or radius distance and the line color is up to you, we suggest that this data field be used for the protected service contour with the color black. This will provide a legible and consistent reference.

=====

Map Height, Width in Degrees: ht & wid =

An input of zero in this initial screen will enable the program to automatically scale the first map to show all the circles requested.

This parameter specifies the viewed height and width in decimal degrees (1° is approximately 110 km / 68 miles in the continental USA). This may be increased to show wider areas or reduced to show streets in the vicinity of the center coordinates for the transmitter site. NOTE: The Tiger map server will make small adjustments to the value entered to optimize the fit.

=====

Map Height, Width in Pixels: iht = . . Map Width in Pixels: iwd =

The map height and width are initially set to create a GIF which will fit on an 8½ by 11 inch sheet of paper, for printers which print from the top down to the bottom. For printers which print from side to side across the paper, switch these two values. These values may be changed larger or smaller as needed; however, please be aware that increased size will also increase the response time of the Tiger Map servers.

=====

Additional Circles (Enter distance in **kilometers (km)** and the desired color):

Circle 2: Color: black green blue red purple brown

Circle 3: Color: black green blue red purple brown

Circle 4: Color: black green blue red purple brown

Circle 5: Color: black green blue red purple brown

Circle 6: Color: black green blue red purple brown

=====
Map Features Options (default options are selected):

- On --- Off ----- Major Roads
- On --- Off ----- Water
- On --- Off -----Miscellaneous Features (Parks, Military bases, etc.)
- On --- Off ----- Streets (use only for close-in maps)

=====

** End of Data Entry **

This page is located at <http://www.fcc.gov/fcc-bin/audio/circleplot.html>.

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Please send comments via standard mail to the Federal Communications Commission, Consumer and Governmental Affairs Bureau, 445 12th Street, S.W., Washington, D.C., 20554. Questions can also be answered by calling the FCC's National Call Center, toll free, at 1-888-Call FCC (1-888-225-5322).

Federal Communications Commission
445 12th Street SW
Washington, DC 20554
[More FCC Contact Information...](#)

Phone: 1-888-CALL-FCC (1-888-225-5322)
TTY: 1-888-TELL-FCC (1-888-835-5322)
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E-mail: fccinfo@fcc.gov

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U.S. Census Bureau**U.S. Gazetteer**

Select one of the following matches to your query to look at that place in the Tiger Map Browser or retrieve 1990 Census tables.

You can search this index. Type the keyword(s) you want to search for:

- **Bass River Township, NJ** (county subdivision)
Population (1990): 1580
Location: 39.65768 N, 74.44974 W
Zip Code(s): 08019 08087 08088
Browse Tiger Map of area.
Lookup 1990 Census [STF1A](#), [STF3A](#) tables.

**Note: This dataset is derived from the Census GICS and does not contain unincorporated place names. For other geographic entities, try searching the [USGS Geographic Names Information System](#). The [US Gazetteer Place and Zipcode files](#) used in this service is available for downloading.*

For additional information, comments and suggestions, see the [Feedback](#) page.

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USCENSUSBUREAU
Helping You Make Informed Decisions



Map Modification Options

Sun Apr 3 17:28:58 2005 Eastern Time

Audio Division, Media Bureau

Resizing the Map

If you are only changing the size of the map or changing the selectable map features (no additional changes), please use this short form for the best results. Present map values are shown as defaults.

Map Height, Width in Degrees: ht & wid =

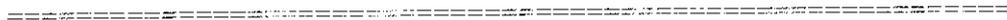
Map Height in Pixels: iht = . . Map Width in Pixels: iwd =

Selected Map Features:

- On --- Off ----- Major Roads
- On --- Off ----- Water
- On --- Off ----- Miscellaneous (parks, military bases, etc.)
- On --- Off ----- Streets (use only for close-in maps)

. . .

Map Change Options:



Enter Coordinates:

DD MM SS Latitude: (no decimal points)

OR decimal latitude => (decimal point optional)

DDD MM SS Lon: (no decimal points)

OR decimal longitude => (decimal point optional)

Latitude and Longitude may be entered as degrees, minutes, seconds or as decimal degrees. You must be consistent in the manner in which the coordinates are entered, for example, decimal degrees latitude and DD MM SS longitude will not be recognized as valid by this map program.

If the coordinates are changed from the default values, the new contours will be plotted with the new site as a reference. The old contours will continue to be plotted as well, referenced to the old site. You will probably need to rescale the map to encompass the old contours in this case, using the map height and width controls below.

When changing coordinates, please be sure to fully delete the manner of coordinate entry which is NOT being used, decimal or DD MM SS, in the latitude and longitude fields. Generally (but not guaranteed!) the decimal coordinates will supersede DD MM SS coordinates. If the coordinates are not changed from the values shown, deletion of one or the other coordinate entry is not necessary since both are equal.

The map may be recentered to a different set of coordinates by entering those coordinates here, and setting the circle distances to zero below. A marker may be placed at the new center coordinates, if desired (as explained below).

NAD 27 coordinates should be used, since that is the coordinate datum on which both the FCC's databases and the Tiger Census Maps are based. Note that GPS receivers do not directly calculate coordinates in the NAD 27 system.

Initial **CIRCLE** Radius in **kilometers**:

Color: black green blue red purple brown

While the choice of contour or radius distance and the line color is up to you, we suggest that this data field be used for the protected service contour with the color black. This will provide a *legible and consistent reference*.

If the distance is set to zero, the map will be recentered on the new coordinates, without other change. If you desire to place a marker at this location, you may use one of the following Tiger Census Map Symbols. A color or symbol **MUST** be selected, *even for zero distance*.

- redpin  ... -grnpin  ... -blupin  ... -orgpin  ... -purpin 
- magpin  ... -brnpin  ... -lgrpin  ... -cynpin  ... -grypin 
- whtpin  ... -bigdot  ... -home  ... -redball  ... -grnball  ... -blueball 

Map Modification Options

Map Height, Width in Degrees: ht & wid =

Resizing the Map -- If you are resizing the map without other changes, please use the short form above for best results.

This parameter specifies the viewed height and width in decimal degrees (1° is roughly equal to 60 miles in the continental USA). This may be increased to show wider areas or reduced to show streets in the vicinity of the transmitter site. NOTE: The Tiger map server will make small adjustments to the value entered to optimize the fit.

Map Height, Width in Pixels: iht = . . . Map Width in Pixels: iwd =

If you are resizing the map without other changes, please use the short form above for best results.

The map height and width are initially set to create a GIF which will fit on an 8½ by 11 inch sheet of paper, for printers which print from the top down to the bottom. For printers which print from side to side across the paper, switch these two values. Of course, these values may be changed larger or smaller as needed.

Additional Circles -- Enter the distance in **kilometers (km)** and select the desired color. A color **MUST** be selected for each entry below, even for zero distance.

- black green blue red purple brown

Selected Map Features:

- On --- Off ----- Major Roads
- On --- Off ----- Water
- On --- Off ----- Miscellaneous (parks, military bases, etc.)
- On --- Off ----- Streets (use only for close-in maps)

If you are changing map feature options without other changes, please use the [short form](#) above for best results.



Submit Choices	...	Reset Modification Values
--------------------------------	-----	---

This page is a computer-generated temporary page.
Do not bookmark or create links to this page!

***** End of Map Options *****



Exhibit 5

Burlington County Size and Population

**Urban and Rural Population: New Jersey, Counties and Municipalities
Census 2000**

Urban/Rural Definition

County FIPS Code	Municipal FIPS Code	AreaName	Total Population	Total population: Urban	Total population: Inside urbanized areas	Total population: Inside urban clusters	Total population: Rural
		New Jersey	8,414,350	7,939,087	7,753,792	185,295	475,263
001		Atlantic County	252,552	216,507	200,592	15,915	36,045
003		Bergen County	884,118	882,452	882,452	0	1,666
005		Burlington County	423,394	391,995	354,585	37,410	31,399
007		Camden County	508,932	505,394	505,329	65	3,538
009		Cape May County	102,326	85,694	85,694	0	16,632
011		Cumberland County	146,438	117,336	76,246	41,090	29,102
013		Essex County	793,633	793,160	793,160	0	473
015		Gloucester County	254,673	226,008	226,008	0	28,665
017		Hudson County	608,975	608,975	608,975	0	0
019		Hunterdon County	121,989	57,234	48,954	8,280	64,755
021		Mercer County	350,761	335,856	335,001	855	14,905
023		Middlesex County	750,162	742,956	742,956	0	7,206
025		Monmouth County	615,301	586,724	586,724	0	28,577
027		Morris County	470,212	432,880	424,802	8,078	37,332
029		Ocean County	510,916	495,978	492,506	3,472	14,938
031		Passaic County	489,049	477,154	471,753	5,401	11,895
033		Salem County	64,285	37,461	25,153	12,308	26,824
035		Somerset County	297,490	276,818	276,818	0	20,672
037		Sussex County	144,166	87,038	50,208	36,830	57,128
039		Union County	522,541	522,541	522,541	0	0
041		Warren County	102,437	58,926	43,335	15,591	43,511