



Appendix C
Executive Director's Report
August 21, 1998


State of New Jersey
THE PINELANDS COMMISSION
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CHRISTINE TODD WHITMAN
Governor

MEMORANDUM

DATE: June 12, 1998

TO: Pinelands Mayors and County Officials

FROM: John C. Stokes 
Assistant Director

SUBJECT: Comprehensive Plan for Wireless Communication Facilities in the Pinelands

Three cellular telephone companies, Bell Atlantic Mobile, Comcast Metrophone/Cellular-One, and Nextel Communications, Inc., have submitted a revised plan for cellular telephone facilities within the Pinelands Area to the Pinelands Commission for its approval. This revised Plan, which was first submitted in March but just recently completed, supersedes one submitted last year that Pinelands Commission Executive Director Terrence D. Moore had recommended be denied. The 15 member Pinelands Commission deferred action on that earlier plan while the three companies worked to cure the deficiencies.

This revised plan, a copy of which is attached for your review, identifies the need for 56 cellular facilities in the Pinelands Area, of which 23 already exist. Ten of the 33 newly proposed facilities are to be placed on existing structures, most of which are existing communication towers owned by others. The companies hope that seven other facilities may also be placed on existing structures but they cannot guarantee that because they do not yet have formal agreements in place with the owners of those structures. The remaining 16 facilities are, according to the companies, likely to require the construction of new towers because there do not seem suitable, existing structures within the area of need.

The plan's map illustrates an approximate location for each of the proposed facilities and notes that the final location of each will be within a 5-mile wide search area. The companies report these approximate locations within 18 municipalities: Buena Vista Township, Egg Harbor Township, Galloway Township, Hamilton Township, Hammonton Town and Mullica Township in Atlantic County; Evesham Township, Medford Township, Medford Lakes Borough, Pemberton Township, Shamong Township, Tabernacle Township and Woodland Township in Burlington County; Woodbine Borough in Cape May County; Maurice River Township in Cumberland



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County; Monroe Township in Gloucester County; and Barnegat and Manchester Townships in Ocean County. Because the search areas cross municipal boundaries, it is possible that other municipalities might be affected when the companies select final sites.

I am also attaching two tables that I hope will help you in your review of the plan. Table 1 gives approximate location information for each facility in the Pinelands and Table 2 presents company name and height information for existing facilities that surround the Pinelands. Copies of the plan, including these tables, are available for public review at the Pinelands Commission office at 15 Springfield Road, New Lisbon, New Jersey during normal business hours. They are also on file at the main branch of the county libraries of Atlantic, Burlington, Camden, Cape May, Cumberland, Gloucester and Ocean Counties. Information about the plan is also available on the Internet at <http://www.state.nj.us.pinelands/>.

A public hearing at which company representatives, public officials and citizens will be invited to comment will be held by mid-July. You will receive a formal notice once the hearing arrangements are complete. It will also be announced on the Pinelands Commission's WEB page and advertised in local newspapers. Within a few weeks after the hearing, Mr. Moore will issue his report to the 15 member Commission and Commissioners will then decide whether to approve, approve with conditions or disapprove the Plan.

Please feel free to contact Larry Liggett, Manager of our Planning Office, or me if you have any questions.

P10A

Attachments

c: Interested parties without attachments

TABLE 1

**COORDINATE INFORMATION FOR CELLULAR FACILITIES IN THE PINELANDS
AREA**

June 1998

The Pinelands Commission staff has compiled the following coordinate information for the 33 proposed cellular facilities and 23 existing cellular facilities in the Pinelands Area. Cell company and antenna height information has also been compiled for facilities surrounding the Pinelands Area; that information is available for review with the complete plan.

General Location of Proposed Facilities

The following coordinates have been estimated by Pinelands Commission staff. However, they do not represent precise locations for proposed facilities. The companies will be looking for suitable sites in the vicinity of these points and, according to the proposed Plan, final locations may range as far as five miles away.

Cell Tower	NAD 27 Lat / Long (Decimal)		NAD 83 NJ State Plain (feet)	
	X (Long)	Y (Lat)	X	Y
01-CP	-74.375	40	527300	425000
02-BP,CP	-74.489	39.953	495400	408000
03-BP,CP	-74.383	39.916	525000	394200
04-CP	-74.313	39.755	544800	335800
05-BP,CP	-74.403	39.797	519400	351000
06-BP,CP,NP	-74.581	39.797	469600	350900
07-BP,CP	-74.639	39.878	453100	380600
08-CP	-74.808	39.864	405800	375600
09-BP	-74.882	39.817	384800	358600
10-CP,NP	-74.801	39.827	407700	362000
11-BP,CP,NP	-74.734	39.764	426400	339000
12-BP,CP	-74.768	39.68	416900	308700
13-CP	-74.789	39.648	410800	296700

Cell Tower	X (Long)	Y (Lat)	X	Y
14-BP,CP	-74.884	39.58	384000	272100
15-CP,NP	-74.925	39.624	372400	288400
16-BP,CP,NP	-74.647	39.624	450900	287900
17-CP	-74.671	39.506	444000	244900
18-BP	-74.633	39.456	454700	226800
20-CP	-74.857	39.439	391400	221000
21-CP	-74.939	39.364	368200	193500
22-CP	-74.866	39.325	388700	179200
23-BP,CP,NP	-74.831	39.224	398400	142400
24-BX,NP	-74.379	39.958	526000	409700
25-BP,CP,NP	-74.533	39.704	483100	317100
28-BP	-74.831	39.841	399300	367300
30-BX,NP	-74.941	39.648	368100	297100
33-CP	-74.638	39.547	453400	260100
34-BP,CP	-74.839	39.479	396600	235500
35-CP	-74.829	39.407	399200	209000
41-BX,CX,NP	-74.54	39.864	481000	375500
54-NP	-74.726	39.56	428500	264800
55-NP	-74.55	39.464	478100	229700
56-CP	-74.586	39.419	468100	213200

Approximate Location of Existing Facilities

The following coordinates have been estimated by Pinelands Commission staff to illustrate the approximate location of existing cellular facilities.

Cell Tower	NAD 27 Lat / Long (Decimal)		NAD 83 NJ State Plain (feet)	
	X (LONG)	Y (LAT)	X	Y
19-BX	-74.572	39.406	471800	208500
26-CX	-74.736	39.83	425900	363100
27-BX	-74.737	39.839	425800	366600
29-CX,BX	-74.883	39.759	384500	337300
31-CX	-74.746	39.555	422800	263100
32-BX	-74.735	39.55	425900	261000
36-BX	-74.353	40.111	533500	465500
37-CX	-74.358	40.071	532000	450800
38-BX	-74.587	40.05	468000	443200
39-BX	-74.583	39.972	468900	414600
40-CX	-74.591	39.969	466700	413600
42-BX	-74.292	39.716	550800	321500
43-CX	-74.823	39.902	401700	389500
44-CX	-74.874	39.857	387300	373200
45-BX,CX	-74.871	39.679	387900	308100
46-CX	-74.821	39.618	401900	285800
47-BX	-74.822	39.624	401600	288100
48-BX	-74.653	39.524	449000	251600
49-CX	-74.64	39.458	452800	227500
50-BX,NX	-74.687	39.437	439400	219900
51-CX	-74.755	39.287	420100	165200

Cell Tower	X (LONG)	Y (LAT)	X	Y
52-CX	-74.739	39.453	424800	225700
53-NX	-74.789	39.625	410900	288500

TABLE 2

CELLULAR TELEPHONE FACILITIES
SURROUNDING THE PINELANDS

June 1998

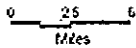
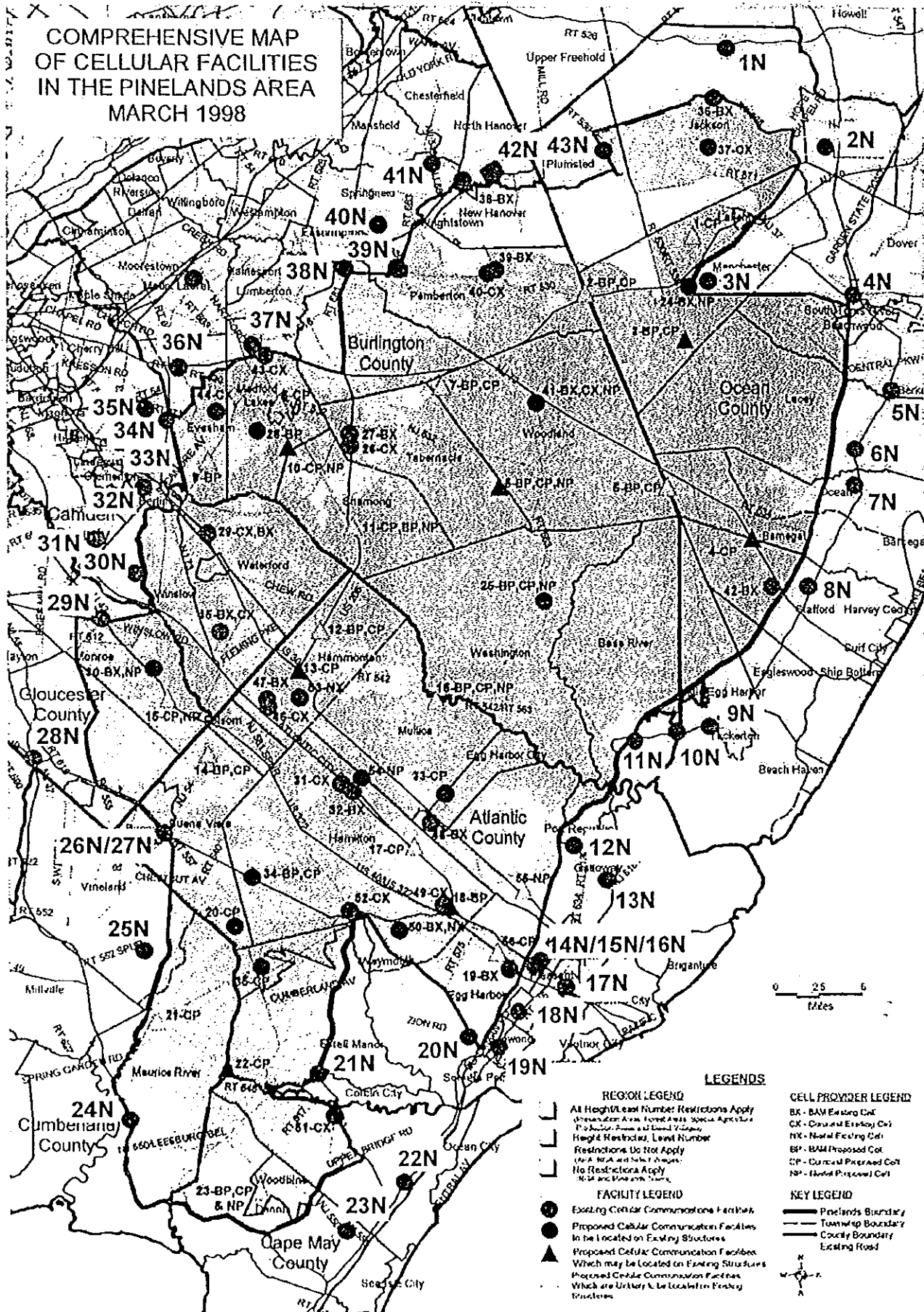
The following information is keyed to the attached map.

KEY #	PROVIDER NAME	ANTENNA HT.
1N	Comcast	240'
2N	BAM	368'
3N	Comcast	245'
4N	BAM	248'
5N	BAM	292'
6N	Comcast	196'
7N	BAM	318'
8N	Comcast	273'
9N	Comcast	211'
10N	BAM	174'
11N	Comcast	170'
12N	BAM	201'
13N	Comcast	222'
14N	Comcast	200'
15N	BAM	223'
16N	Nextel	220'
17N	BAM	105'
18N	Nextel	363'
19N	BAM	165'
20N	Comcast	218'
21N	BAM/Nextel	313' / 224'

KEY #	PROVIDER NAME	ANTENNA HT.
22N	Nextel	153'
23N	BAM	222'
24N	BAM/Nextel	186' / 146'
25N	BAM	358'
26N	Nextel	175'
27N	BAM	259'
28N	BAM	240'
29N	Comcast	198'
30N	Comcast	260'
31N	BAM	337'
32N	BAM/Comcast	319' / 317'
33N	Comcast	189'
34N	BAM	304'
35N	Nextel	270'
36N	BAM/Comcast	200' / 200'
37N	BAM/Nextel	213' / 200'
38N	BAM/Nextel	258' / 232'
39N	Comcast	188'
40N	BAM	451'
41N	BAM	280'
42N	Comcast	272'
43N	BAM	318'

KEY FOR CELLULAR FACILITIES OUTSIDE THE PINELANDS

COMPREHENSIVE MAP
OF CELLULAR FACILITIES
IN THE PINELANDS AREA
MARCH 1998



- REGION LEGEND**
- ⌈ All Height/Least Number Restrictions Apply
 - ⌊ (Prohibited Area, Forest Area, Special Agriculture Prohibited Area, and Flood Hazard)
 - ⌋ Height Restricted, Least Number Restrictions Do Not Apply
 - ⌌ (No A, No B, and No C)
 - ⌍ No Restrictions Apply
 - ⌎ (No A, No B, and No C)
- FACILITY LEGEND**
- Existing Cellular Communications Facilities
 - Proposed Cellular Communications Facilities to be Located on Existing Structures
 - ▲ Proposed Cellular Communications Facilities Which may be Located on Existing Structures
 - Proposed Cellular Communications Facilities Which are Likely to be Located on Existing Structures
- CELL PROVIDER LEGEND**
- BX - BAY Existing Cell
 - CX - Coastal Existing Cell
 - NX - Next Existing Cell
 - BP - BAY Proposed Cell
 - CP - Coastal Proposed Cell
 - NP - Next Proposed Cell
- KEY LEGEND**
- Pinelands Boundary
 - Township Boundary
 - County Boundary
 - Existing Road