



Town of Nags Head

CAMA LAND AND WATER USE PLAN UPDATE

AGENDA

2nd LEAD PLANNING GROUP (LPG) MEETING

6:00 P.M. – MONDAY, DECEMBER 12, 2005

LOCATION: NAGS HEAD BOARD OF COMMISSIONERS MEETING ROOM

1. Beach Road Development Study: Dr. Pasalar & Dr. Bizios
2. Chair Nominations
3. Existing Conditions Overview
4. Resident & Property Owners Survey
5. Meeting Schedule

Land Use Plan Update Lead Planning Group Meeting

12/12/2005

Summary of 1996 Citizen Survey

The following table identifies the major topics of the 1996 Citizen Survey, and the number of questions on the survey related to each issue.

TOPIC	# QUESTIONS
Open Space / Natural Areas	6
Ocean Beach Access	4
Soundside Access / Recreation	6
Town Growth (general)	8
Commercial Outdoor Recreation	11
Personal Water Craft	4
Adult Entertainment	5
Water Quantity	1
Off-Shore Fossil Fuel Exploration	2
Beach Erosion	19
Recycling	4
Traffic & Transportation	6
Service Delivery	26
Fire	5
Police	5
Town Administration	4
Planning & Development	5
Public Works	6
General	1
Paying for Services / Facilities	10
About Respondent	7

Land Use Plan Update

Lead Planning Group Meeting

12/12/2005

The following table indicates the key issues that have been identified through November 2005. The column on the right indicates if the issue was addressed by a question on the 1996 survey.

Key Issues Identified through November 2005	Addressed in 1996 survey
<i>TRANSPORTATION SYSTEM</i>	
traffic	•
include other modes	•
sidewalks on US 158	
sidewalks /bike paths	•
safety issues for children walking / biking to NH school	
sidewalks to connect residences, services and recreation	
interconnectivity between neighborhoods	
<i>OPEN SPACE / NATURAL AREAS</i>	
need to acquire / preserve open space	•
<i>DEVELOPMENT ISSUES</i>	
loss of small, locally owned businesses	
proliferation of chain businesses	
non-conformities - historic structures	
hotels	
affordable housing	
make commercial development more viable	
mixed uses - residential / commercial in one development	
patterns of growth & sea level rise	
lot filling	
<i>PUBLIC SERVICES</i>	
stormwater runoff / drainage	
public safety (water supply & fire protection)	•
septic Health - analysis of innovative systems	
<i>COMMUNITY FACILITIES</i>	
lighting on recreation fields	
recreation - community centers	
location for conventions / meetings	
<i>OCEAN FRONT ISSUES</i>	
additional beach access points	•
erosion has removed access in south Nags Head.	
determine methods to manage lost / dead-end streets	
shoreline management / beach nourishment	•
sandbags on the beach	
<i>SOUNDSIDE ISSUES</i>	
shoreline hardening of soundfront	
estuarine shoreline erosion	

August 5, 1996

Dear Resident or Property Owner in Nags Head:

The Town has recently started the process of updating our Land Use Plan. As you may know, the Land Use Plan can have a significant influence over future growth and development in the Town, and in turn, your home, business, and quality of life.

The Board of Commissioners often hears only from a few of our citizens on important issues. This limits our opportunity to make decisions which take into account the beliefs and ideas of many others. While the enclosed questionnaire is only one source of information Town decision makers have available to them, the results will be extremely valuable in gauging citizens' attitudes with regard to growth and development. Your answers, and those of others, will be representative of the opinions of the entire population of Nags Head taxpayers and voters. **For this reason it is very important that each questionnaire be completed and returned.** Return postage will be paid by the Town. Please read through all the questions and answer them as best you can. **Your answers will be held in strictest confidence.** If you have any questions, please call Gary Ferguson or Bruce Bortz of our Planning and Development Department at (919) 441-7016. Questionnaires are being sent to the names represented on the tax bills. If you are a joint property owner and did not receive a questionnaire please contact either Gary Ferguson or Bruce Bortz at the number above.

Sincerely,



Renée Cahoon
Mayor

Office of The Mayor
Town of Nags Head
Post Office Box 99
Nags Head NC 27959

FIRST CLASS MAIL
US POSTAGE PAID
NAGS HEAD NC 27959
PERMIT NO. 2

1996 Citizen Questionnaire On Growth And Development

Town of Nags Head, North Carolina

For each item in the questionnaire, please respond in the manner that most closely reflects your opinion. If you don't understand the statement or aren't sure, use the "NOT SURE" column where provided. Please respond to all questions. Also, as you proceed, keep in mind that there is space provided at the end of the questionnaire for any additional comments you may have. Thank you.

ABOUT THE ENVIRONMENT

We would like you to begin by answering a few questions about the Nags Head environment with respect to open space and natural areas, ocean beach access, soundside access and recreation opportunities.

Nags Head continues to budget moneys for a land acquisition program. Nags Head improved several water accesses since the late 1980's. The Causeway Estuarine (Sound) Access Site is currently being developed. Additional access sites are being studied. Nags Head has over 600 parking spaces at its 27 ocean beach accesses and three sound accesses.

OPEN SPACE AND NATURAL AREAS

Please rank the following in terms of its importance to you with a "1" being the most important and "6" being least important. Use each number from "1" to "6" only once.

1. ___ Preservation or acquisition of open space along the ocean beaches
2. ___ Preservation or acquisition of open space along the soundside shore and dunes
3. ___ Preservation or acquisition of forested and vegetated area
4. ___ Preservation or acquisition of open space elsewhere in Nags Head (specify) _____
5. ___ Preservation or acquisition of wetlands
6. ___ Preservation or acquisition of Nags Head Woods

OCEAN BEACH ACCESS

Regarding our ocean beach access areas, please indicate your level of agreement or disagreement with each of the following by circling the number in the appropriate column.

	STRONGLY AGREE	AGREE	DISAGREE	STRONGLY DISAGREE	NOT SURE
7. We need more large ocean beach accesses with parking and more amenities (showers, bathrooms, lifeguard stands).....	1	2	3	4	5
8. We need more small ocean beach accesses with parking that have fewer amenities.....	1	2	3	4	5
9. We need walkways across the dunes with no parking.....	1	2	3	4	5
10. We currently have the right mix of ocean beach access.....	1	2	3	4	5

SOUNDSIDE ACCESS AND RECREATION OPPORTUNITIES

Regarding our soundside access areas, please rank the following from "1" to "6" in terms of their importance, with "1" being most important. Use each number from "1" to "6" only once.

- | | |
|---------------------------------|--|
| 11. ___ Nature park with trails | 14. ___ Non-motorized boat access |
| 12. ___ Public windsurfing area | 15. ___ Swimming and wading area |
| 13. ___ Motorized boat access | 16. ___ Fishing/crabbing opportunities |

ABOUT TOWN GROWTH, GENERALLY

17. Based on your knowledge of Nags Head, the growth rate of the Town over the last 5 years has been: *Circle one.*

1. MUCH TOO SLOW 2. A LITTLE TOO SLOW 3. JUST ABOUT RIGHT 4. A LITTLE TOO FAST 5. MUCH TOO FAST

Most people, if asked, would seem to support the idea that Nags Head should be a "family beach." Yet, everyone has a different notion about what a "family beach" is.

Please indicate how important you feel each of the following factors is to the preservation of Nags Head as "family beach."

	VERY IMPORTANT	IMPORTANT	UNIMPORTANT	VERY UNIMPORTANT	NOT SURE
18. Low building heights and densities.....	1	2	3	4	5
19. Open space.....	1	2	3	4	5
20. Single family housing.....	1	2	3	4	5
21. Old historic structures.....	1	2	3	4	5
22. Amusements.....	1	2	3	4	5
23. Commercial development.....	1	2	3	4	5
24. Other (specify) _____	1	2	3	4	5

ABOUT COMMERCIAL OUTDOOR RECREATION

Regarding commercial (rental) outdoor recreation, please share your opinion as to whether you feel there are "more than enough, enough, or not enough" of the following facilities or opportunities in Nags Head.

	MORE THAN ENOUGH	ENOUGH	NOT ENOUGH	NOT SURE
Land-based motorized recreation:				
25. Go-carts/tracks.....	1	2	3	4
26. Bumper boats.....	1	2	3	4
Land-based non-motorized recreation:				
27. Mini-golf.....	1	2	3	4
28. Sport-climbing wall.....	1	2	3	4
29. Hang gliding.....	1	2	3	4
Water-based motorized recreation:				
30. Jet skis.....	1	2	3	4
31. Power boats.....	1	2	3	4
32. Parasail.....	1	2	3	4
Water-based non-motorized recreation:				
33. Canoes and kayaks.....	1	2	3	4
34. Windsurfing.....	1	2	3	4
35. Sail boats.....	1	2	3	4

ABOUT PERSONAL WATER CRAFT

Currently, the rental of commercially owned (rented) personal water craft (jet skis) is restricted to one zone in the sound in Nags Head where they must operate at least 500' from residential districts. The operation of privately owned personal water craft is not regulated by the Town, except in the ocean where all jet skis must operate at least 300' from the shoreline.

36. Do you support the additional regulation of privately owned personal water craft use in the ocean? Please check one.
 Yes No
37. Do you support the additional regulation of privately owned personal water craft use in the sound? Please check one.
 Yes No
38. Do you support the additional regulation (beyond current distance from shore and noise regulations) of commercially owned (rented) personal water craft use in the sound? Please check one.
 Yes No
39. Do you feel the regulation of personal water craft use should be coordinated between Nags Head and Dare County?
 Please check one.
 Yes No

ABOUT ADULT ENTERTAINMENT

The Town would like to know your opinion regarding adult entertainment.

In my opinion, adult entertainment businesses such as adult live entertainment, adult book stores, and adult movie theaters, if allowed in Nags Head with certain controls, such as a limitation to only certain commercial zoning districts, appropriate required distances from other such businesses, residential districts, churches, parks and playgrounds, and schools...

For each statement, circle one number to the right.

	STRONGLY AGREE	AGREE	DISAGREE	STRONGLY DISAGREE	NOT SURE
40. would adversely affect property values in residential districts of the Town.....	1	2	3	4	5
41. would adversely affect other nearby commercial establishments and businesses.....	1	2	3	4	5
42. would enhance the vacation/resort attraction of Nags Head for vacationing families.....	1	2	3	4	5
43. would negatively influence my decision to buy a vacation cottage or home in Nags Head if I were in the market to purchase one.....	1	2	3	4	5
44. would negatively influence my decision to vacation in Nags Head.....	1	2	3	4	5

ABOUT WATER QUANTITY

Water quantity issues could occur if extensive drilling of new wells or overuse of existing wells becomes widespread in areas around Fresh Pond and Nags Head Woods.

In my opinion, the potential effect of well drilling and well water use in the area around Fresh Pond and Nags Head Woods...

Please circle one number to the right.

	STRONGLY AGREE	AGREE	DISAGREE	STRONGLY DISAGREE	NOT SURE
45. is an issue and should be studied by the Town.....	1	2	3	4	5

ABOUT OFF-SHORE FOSSIL FUEL EXPLORATION

46. Please check one. I would favor _____ oppose _____ off-shore fossil fuel exploration and/or extraction.

47. Please check one. I would favor _____ oppose _____ the location of land based support activities in Nags Head for off-shore fossil fuel exploration and/or extraction activities

ABOUT BEACH EROSION

In 1993, the US Army Corps of Engineers completed a reconnaissance study along the northern beaches of Dare County to determine if beach renourishment is a cost effective measure for combating erosion and for the protection of oceanfront structures. As a follow-up to the reconnaissance study, the Corps of Engineers is currently conducting a feasibility study on beach renourishment. Generally, a feasibility study is a more detailed and in-depth analysis of the costs, benefits, environmental impacts, and recreation opportunities which would result from a beach renourishment project.

Preliminary projections from the reconnaissance study indicate that a total of 10 miles of beach in Kitty Hawk, Kill Devil Hills, and Nags Head could be renourished. In Nags Head, the area for renourishment runs from 8th Street (Mile Post 10) to the Carolinian (Mile Post 10.4) and from the Nags Head Inn Motel (Mile Post 14) to Harvest Street (Mile Post 17.7), or, approximately 4.1 miles. The estimated costs of the initial renourishment project for 10 miles of ocean beach is \$32.5 million and this cost will be shared by the Federal, state, and local governments. Initially, for the construction part of the project, it was anticipated that the Federal government would cover 65 percent of the costs for sand replenishment. However, recent budget cuts affecting the Corps of Engineers may result in a significant change to this funding formula with more of the costs being shifted to the state and localities. In addition to the initial costs for sand replenishment, the Corps of Engineers estimates that portions of the renourishment project will need to be repeated every four years at a cost of \$13.2 million.

Besides beach renourishment, other options are:

Retreat. The Town's current policy on beach erosion is to retreat and move structures back away from the ocean. In the future the Town may incur costs to relocate roads and water lines on public streets which are damaged or destroyed by erosion.

Beach Bulldozing. This process involves bulldozing sand from the ocean beach and pushing it westward to rebuild a dune.

Relocation Assistance. The procedure would involve the expenditure of public funds to help move a threatened house off the beach.

Public Acquisition of Property. This would involve the spending of public funds to acquire property or houses which are threatened by erosion.

Artificial Reefs. Artificial reefs and off-shore breakwaters are structures which are placed several hundred yards off-shore and can be submerged or floating. These structures are permanently anchored to the ocean bottom and are designed to trap sand, and hopefully rebuild the beach.

Please rank the following from "1" to "6" with "1" being the most desirable erosion abatement measure and "6" being the least desirable. Use each number from "1" to "6" only once.

- 48. _____ Retreat
- 49. _____ Beach bulldozing
- 50. _____ Relocation assistance
- 51. _____ Beach renourishment
- 52. _____ Public acquisition of property
- 53. _____ Artificial reefs (offshore and submerged)

The Town would like to hear from its citizens and property owners as to priorities for public spending and willingness to pay. For each of the following statements, please indicate your level of agreement or disagreement by circling the appropriate number to the right.

I would be willing to pay higher taxes or fees for...

For each of the following, please circle one number to the right.

	STRONGLY AGREE	AGREE	DISAGREE	STRONGLY DISAGREE	NOT SURE
54. retreat.....	1	2	3	4	5
55. beach bulldozing.....	1	2	3	4	5
56. relocation assistance.....	1	2	3	4	5
57. beach renourishment.....	1	2	3	4	5
58. public acquisition of property.....	1	2	3	4	5
59. artificial reefs (offshore and submerged)..	1	2	3	4	5
60. none of the above.....	1	2	3	4	5

How do you feel the Town's share of the erosion abatement programs should be funded?

Please rank the following from "1" to "6" with "1" being the most desirable funding solution. Use each number from "1" to "6" only once.

- 61. _____ Tourist Bureau
- 62. _____ Dare County
- 63. _____ Other/or combinations
- 64. _____ Ad valorem taxes (local Town of Nags Head taxes)
- 65. _____ Special surcharge for oceanfront property owners
- 66. _____ Commit no local funds for these types of programs

ABOUT RECYCLING

The new "environmental decade of the 90's" has brought about a heightened awareness of solid waste management and recycling. The State of North Carolina has passed legislation that required local governments to substantially reduce their solid waste volumes. Some communities have developed extensive recycling programs. Others are taking a less aggressive approach. We would like to know your views on this.

For each of the following, please check the word that best describes your attitude toward recycling.

- 67. Please check one. I recycle _____ do not recycle _____ at the Town's collection centers.
- 68. Please check one. I recycle _____ do not recycle _____ in another jurisdiction.
- 69. Please check one. I would support _____ not support _____ a mandatory recycling program.
- 70. Please check one. I would support _____ not support _____ a curbside recycling program.

Many household cleaning and maintenance products contain potentially toxic or hazardous chemicals and may require special disposal procedures. Typically, these products are kept in the home until they are used or are simply disposed of along with normal household garbage.

Please circle the number that best describes your opinion regarding Town involvement in household toxic chemical disposal.

	STRONGLY AGREE	AGREE	DISAGRE E	STRONGLY DISAGREE	NOT SURE
71. The Town should promote a day to collect household toxic and dispose of chemicals.....	1	2	3	4	5

ABOUT TRAFFIC AND TRANSPORTATION

The Town is currently reviewing a proposed update of a thoroughfare plan with the North Carolina Department of Transportation. Among other things, the proposed update calls for the eventual widening of US 158 to 6 or 7 lanes and provision of east-west connections between NC 12 and US 158.

To better plan for the local transportation and traffic management needs within Nags Head, the Town should...

For each statement, circle one number to the right.

	STRONGLY AGREE	AGREE	DISAGREE	STRONGLY DISAGREE	NOT SURE
72. to the extent possible, limit the number of new driveways and streets entering S Croatan Highway (US 158).....	1	2	3	4	5
73. condemn/acquire private land for public roads to tie NC 12 to US 158.....	1	2	3	4	5
74. support the development of a bikeway and multi-use pedestrian way along NC 12.....	1	2	3	4	5
75. support connecting bikeways and multi-use pedestrian ways that are developed in Nags Head to bikeways and multi-use pedestrian ways of adjoining jurisdictions.....	1	2	3	4	5
76. support a local bus/trolley or other transit system.....	1	2	3	4	5
77. other (specify) _____	1	2	3	4	5

ABOUT SERVICE DELIVERY

The Town would like to hear from its citizens and property owners as to their level of satisfaction with the delivery of services.

For each of the following, please circle the number in the column that most closely reflects your opinion about service delivery.

FIRE DEPARTMENT	EXCELLENT	GOOD	POOR	VERY POOR	NOT SURE
78. Fire services (protection, prevention, education) are.....	1	2	3	4	5
79. Emergency response by fire department personnel is.....	1	2	3	4	5
80. Lifeguard services at public beaches are	1	2	3	4	5
81. Professionalism of staff is.....	1	2	3	4	5
82. Courtesy of staff is.....					
POLICE DEPARTMENT	EXCELLENT	GOOD	POOR	VERY POOR	NOT SURE
83. Police services (traffic law enforcement, narcotic and drug law enforcement, animal control, crime prevention and education) are.....	1	2	3	4	5
84. Plans for evacuation of the island in the event of a major storm during peak tourist season are	1	2	3	4	5
85. Emergency response by police is.....	1	2	3	4	5
86. Professionalism of staff is.....	1	2	3	4	5
87. Courtesy of staff is.....	1	2	3	4	5

TOWN ADMINISTRATION

	EXCELLENT	GOOD	POOR	VERY POOR	NOT SURE
88. Opportunities for citizens to participate in Town affairs are..	1	2	3	4	5
89. Effort to inform citizens about Town issues and services are..	1	2	3	4	5
90. Professionalism of staff is.....	1	2	3	4	5
91. Courtesy of staff	1	2	3	4	5

PLANNING AND DEVELOPMENT

	EXCELLENT	GOOD	POOR	VERY POOR	NOT SURE
92. Application procedures and review processes for building permits are.....	1	2	3	4	5
93. Enforcement of Town ordinances are.....	1	2	3	4	5
94. Timeliness of site plan review is.....	1	2	3	4	5
95. Professionalism of staff is.....	1	2	3	4	5
96. Courtesy of staff is.....	1	2	3	4	5

PUBLIC WORKS

	EXCELLENT	GOOD	POOR	VERY POOR	NOT SURE
97. Town waste collection system is.....	1	2	3	4	5
98. Facilities at Nags Head Town Park are.....	1	2	3	4	5
99. Maintenance of Town facilities (bikeway, neighborhood streets, and roads, parks and public spaces, buildings and grounds) is.....	1	2	3	4	5
100. Drinking water quality is.....	1	2	3	4	5
101. Professionalism of staff is.....	1	2	3	4	5
102. Courtesy of staff is.....	1	2	3	4	5

GENERAL

	EXCELLENT	GOOD	POOR	VERY POOR	NOT SURE
103. Town services overall are.....	1	2	3	4	5

PAYING FOR SERVICES AND FACILITIES

The Town would like to hear from its citizens and property owners as to priorities for public spending and willingness to pay. For each of the following statements, please indicate your level of agreement or disagreement by circling the appropriate number to the right.

I would be willing to pay higher taxes or fees for...

For each of the following, please circle one number to the right.

	STRONGLY AGREE	AGREE	DISAGREE	STRONGLY DISAGREE	NOT SURE
104. preservation or acquisition of open spaces.....	1	2	3	4	5
105. expansion of Town recreation facilities.....	1	2	3	4	5
106. ocean beach access areas.....	1	2	3	4	5
107. soundside access areas.....	1	2	3	4	5
108. a centralized sewage treatment system.....	1	2	3	4	5
109. curbside pickup of recyclables.....	1	2	3	4	5
110. recycling centers.....	1	2	3	4	5
111. bikeways and multi-use pedestrian ways.....	1	2	3	4	5
112. placing existing overhead utilities underground.....	1	2	3	4	5
113. transportation (neighborhood street improvements).....	1	2	3	4	5

ABOUT YOU AND NAGS HEAD

The following questions will help us tabulate the results of this survey. Answers to these and all other survey questions will be kept strictly confidential.

114. Which of the following best describes your occupation? *Please circle only one.*

- | | | |
|---------------------------|----------------|------------------------|
| 1. Professional/Technical | 6. Government | 11. Fishing |
| 2. Manager/Proprietor | 7. Homemaker | 12. Tourism |
| 3. Clerical/Sales/Service | 8. Student | 13. Real Estate |
| 4. Craftsperson | 9. Retired | 14. Construction trade |
| 5. Laborer | 10. Unemployed | 15. Other: _____ |

115. Which type of property do you own in Nags Head, if any? *Please circle the one answer that best fits.*

- | | | |
|-------------------------------|-----------------------------------|---------|
| 1. Developed (built upon) | 3. Both developed and undeveloped | 5. None |
| 2. Undeveloped (unbuilt upon) | 4. Time Share | |

116. Where is your residence located, or where do you stay or live in Nags Head?

1. On the causeway
2. South of Whalebone Junction, between the ocean and Old Oregon Inlet Rd. (NC 1243)
3. South of Whalebone Junction, between Old Oregon Inlet Rd. (NC 1243) and NC 12
4. Between the ocean and Virginia Dare Trail ("Beach Road"/ NC 12)
5. Between Virginia Dare Trail ("Beach Road") and Croatan Highway (158 Bypass)
6. Between Roanoke Sound and Croatan Highway (158 Bypass)

117. Which of the following best describes your residential status in Nags Head? *Please circle only one.*

1. Year-round resident renter
2. Year-round resident property owner
3. Non-resident property owner
4. Part-time resident
5. Other (specify): _____

118. Your age group is: (Please circle one)

- | | | | | |
|-------------|----------|----------|----------|------------|
| 1. Under 18 | 2. 18-34 | 3. 35-49 | 4. 50-64 | 5. Over 64 |
|-------------|----------|----------|----------|------------|

119. What do you like best about Nags Head?

120. What do you like least about Nags Head?

Are there any other comments or suggestions you would like to make?

THANK YOU

The Town of Nags Head appreciates your completing and returning this questionnaire. Please return it before August 26, 1996. Again, no postage is necessary. Just fold, tape closed with the Town address showing, and drop in any mail box. The Town welcomes all responses, both positive and negative. If you have any questions, please call Gary Ferguson, Director, or Bruce Bortz, Town Planner, at 919-441-7016.

If you would like additional copies sent to other property owners or tenants, please supply the following:

Name _____	Names _____
Address _____	Address _____
_____	_____
Name _____	Name _____
Address _____	Address _____
_____	_____
_____	_____