

14. Appendices

Appendix
Public Survey Results

ECONOMIC DEVELOPMENT

1. Should town government be involved with the following activities as priorities to provide for its future economic development?

		NO RESP		YES		NO		DON'TKNOW		TOTAL	
a. Promotion & investment in Tourism	1-A	54	2.35%	1221	53.11%	861	37.45%	163	7.09%	2299	100.00%
b. Development of additional sporting and recreational events	1-B	49	2.13%	1157	50.33%	807	35.10%	286	12.44%	2299	100.00%
c. Development of additional cultural and arts program	1-C	52	2.26%	1542	67.07%	516	22.44%	189	8.22%	2299	100.00%
d. Promotion and investment in growth in "native" industries (fishing, shellfishing, cranberry production, other)	1-D	38	1.65%	1715	74.60%	406	17.66%	140	6.09%	2299	100.00%
e. Attracting additional light industry within the industrial zone	1-E	37	1.61%	1204	52.37%	858	37.32%	200	8.70%	2299	100.00%
f. Expanding the Village Center and encouraging additional commercial activity in this area	1-F	44	1.91%	838	36.45%	1247	54.24%	170	7.39%	2299	100.00%
g. Supporting the development of the town as the commercial "hub" of the lower Cape by encouraging new and expanded large scale retail development, such as a new mall	1-G	55	2.39%	182	7.92%	1998	86.91%	64	2.78%	2299	100.00%
h. Supporting the retention of existing businesses by developing and implementing business development programs, such as revolving loans and tax incentives	1-H	71	3.09%	1369	59.55%	605	26.32%	254	11.05%	2299	100.00%

2. What types of businesses should the town foster in the future?

		NO RESP		YES		NO		DON'T KNOW		TOTAL	
a. retail stores	2-A	129	5.61%	1275	55.46%	735	31.97%	160	6.96%	2299	100.00%
b. restaurants	2-B	124	5.39%	1094	47.59%	926	40.28%	155	6.74%	2299	100.00%
c. business services, ie finance, insurance, etc.	2-C	151	6.57%	1032	44.89%	866	37.67%	250	10.87%	2299	100.00%
d. auto gasoline/service shop	2-D	133	5.79%	383	16.66%	1596	69.42%	187	8.13%	2299	100.00%
e. auto dealerships	2-E	123	5.35%	216	9.40%	1791	77.90%	169	7.35%	2299	100.00%
f. supermarkets	2-F	123	5.35%	211	9.18%	1864	81.08%	101	4.39%	2299	100.00%
g. large retail/wholesale discount stores	2-G	111	4.83%	176	7.66%	1920	83.51%	92	4.00%	2299	100.00%
h. manufacturing enterprises	2-H	131	5.70%	463	20.14%	1490	64.81%	215	9.35%	2299	100.00%
i. marine-related businesses	2-I	109	4.74%	1471	63.98%	539	23.44%	180	7.83%	2299	100.00%
j. entertainment	2-J	138	6.00%	936	40.71%	964	41.93%	261	11.35%	2299	100.00%
k. hotels/motels	2-K	149	6.48%	442	19.23%	1486	64.64%	222	9.66%	2299	100.00%
l. light industry	2-L	124	5.39%	1075	46.76%	871	37.89%	229	9.96%	2299	100.00%
m. medical facilities, such as a walk-in clinic	2-M	91	3.96%	1693	73.64%	381	16.57%	134	5.83%	2299	100.00%
n. institution for higher education	2-N	130	5.65%	1145	49.80%	761	33.10%	263	11.44%	2299	100.00%

2. Your additional comments regarding the types of businesses that the town should promote:

		YES	
#0 No Response	2-P	1687	73.38%
#1 Leave as is. Current mix is good.	2-P	96	4.18%
#2 Town should not be involved promoting Bus.	2-P	63	2.74%
#3 Artists/Craftsmen	2-P	54	2.35%
#4 Education/Research	2-P	5	0.22%
#5 Other	2-P	394	17.14%

OF RESP
15.69%
10.29%
8.82%
0.82%
64.38%

2299

3. Do you feel that the town should maintain strong local controls over the following items relating to business enterprises:

		NO RESP		YES		NO		DONTKNOW		TOTAL	
a. signs	3-A	39	1.70%	2067	89.91%	141	6.13%	52	2.26%	2299	100.00%
b. lighting	3-B	44	1.91%	2022	87.95%	169	7.35%	64	2.78%	2299	100.00%
c. facades/architecture	3-C	47	2.04%	1975	85.91%	182	7.92%	95	4.13%	2299	100.00%

COMMUNITY FACILITIES, SERVICES AND TRANSPORTATION:

4. In planning to provide for the future, should Orleans town government (1) increase support for the following activities or services, (2) decrease support or (3) maintain support at the present level? Assume that an increase in support could mean an increase in taxes.

a. library programs and services for:		NORESP		INCR.		DECR.		MAINTAIN		TOTAL	
children	4-A-1	90	3.91%	848	36.89%	36	1.57%	1325	57.63%	2299	100.00%
teens	4-A-2	118	5.13%	927	40.32%	39	1.70%	1215	52.85%	2299	100.00%
adults	4-A-3	125	5.44%	704	30.62%	51	2.22%	1419	61.72%	2299	100.00%
senior citizens	4-A-4	114	4.96%	710	30.88%	66	2.87%	1409	61.29%	2299	100.00%
individuals with disabilities	4-A-5	126	5.48%	766	33.32%	61	2.65%	1346	58.55%	2299	100.00%
b. bikeways	4-B	59	2.57%	1335	58.12%	70	3.05%	833	36.26%	2297	100.00%
c. public rest rooms	4-C	66	2.87%	1089	47.37%	96	4.18%	1048	45.59%	2299	100.00%
d. tourists/information services	4-D	80	3.48%	668	29.06%	102	4.44%	1449	63.03%	2299	100.00%
e. public parks	4-E	85	3.70%	754	32.80%	78	3.39%	1382	60.11%	2299	100.00%
f. public safety activities:											
Police	4-F-1	66	2.87%	505	21.97%	81	3.52%	1647	71.64%	2299	100.00%
Fire and Rescue	4-F-2	78	3.39%	499	21.71%	74	3.22%	1648	71.68%	2299	100.00%
Harbormaster	4-F3	81	3.52%	449	19.53%	70	3.04%	1699	73.90%	2299	100.00%
g. Waterfront activities and facilities:											
boating	4-G-1	78	3.39%	524	22.79%	82	3.57%	1615	70.25%	2299	100.00%
shellfishing	4-G-2	89	3.87%	576	25.05%	72	3.13%	1562	67.94%	2299	100.00%
beaches	4-G-3	73	3.18%	586	25.49%	47	2.04%	1593	69.29%	2299	100.00%
h. road maintenance	4-H	69	3.00%	551	23.97%	65	2.83%	1614	70.20%	2299	100.00%
i. drainage systems and improvements	4-I	106	4.61%	645	28.06%	55	2.39%	1493	64.94%	2299	100.00%
j. public parking	4-J	79	3.44%	474	20.62%	113	4.92%	1633	71.03%	2299	100.00%
k. public transportation:											
town	4-K-1	160	6.96%	882	38.36%	160	6.96%	1097	47.72%	2299	100.00%
regionally	4-K-2	177	7.70%	940	40.89%	147	6.39%	1035	45.02%	2299	100.00%
l. public water supply system	4-L	107	4.65%	563	24.49%	41	1.78%	1588	69.07%	2299	100.00%
m. conservation programs and activities	4-M	79	3.44%	966	42.02%	157	6.83%	1097	47.72%	2299	100.00%
n. recycling facility and services	4-N	72	3.13%	821	35.71%	73	3.18%	1333	57.98%	2299	100.00%
o. sidewalks	4-O	66	2.87%	738	32.10%	126	5.48%	1369	59.55%	2299	100.00%

4. In planning to provide for the future, should Orleans town government (1) increase support for the following activities or services, (2) decrease support or (3) maintain support at the present level? Assume that an increase in support could mean an increase in taxes.

		NORESP		INCR.	
p. other activities and/or services:					
Underground Util	4-P-1	2286	99.43%	13	0.57%
Golf Course	4-P-2	2284	99.35%	15	0.65%
Recreation Center	4-P-3	2282	99.26%	17	0.74%
Public Bike Access	4-P-4	2282	99.26%	17	0.74%
Other	4-P-5	2003	87.12%	296	12.88%

TOTAL	
2299	100.00%
2299	100.00%
2299	100.00%
2299	100.00%
2299	100.00%

5. Please LIST the three activities/services from the preceding list that you consider to be the most important, particularly in planning for the future of the community.

		NUMBER OF RESPONSES	
a. library programs and services for:	5-1-A	408	17.75%
b. bikeways	5-1-B	426	18.53%
c. public rest rooms	5-1-C	186	8.09%
d. tourist/information services	5-1-D	148	6.44%
e. public parks	5-1-E	209	9.09%
f. public safety activities:	5-1-F	594	25.84%
g. Waterfront activities and facilities:	5-1-G	515	22.40%
h. road maintenance	5-1-H	219	9.53%
i. drainage systems and improvements	5-1-I	108	4.70%
j. public parking	5-1-J	64	2.78%
k. public transportation:	5-1-K	319	13.88%
l. public water supply system	5-1-L	521	22.66%
m. conservation programs and activities	5-1-M	553	24.05%
n. recycling facility and services	5-1-N	197	8.57%
o. sidewalks	5-1-O	192	8.35%
No Response	5-1-Q	2238	N/A

LAND USE:

6. Do you think our current 1-acre residential zoning is appropriate to accomodate future growth of the Town?	6-1	NO RESP		YES		NO		DON'TKNOW		TOTAL	
		44	1.91%	1779	77.38%	220	9.57%	256	11.14%	2299	100.00%

WHY? #0 No Response	6-W-0	1224	53.24%
#1 Environmental protection, groundwater protect	6-W-1	134	5.83%
#2 Keep town from being overdeveloped	6-W-2	277	12.05%
#3 Preserve community character-green space	6-W-3	159	6.92%
#4 Maintain real estate values	6-W-4	25	1.09%
#5 Other	6-W-5	480	20.88%

TOTAL	
2299	100.00%

7. Do you think the current zoning districts of residential, commercial and retail business zones provide for balanced future growth?	7	NO RESP		YES		NO		DON'TKNOW		TOTAL	
		89	3.87%	1128	49.06%	77	3.35%	1005	43.71%	2299	100.00%

8. How would you describe the existing land use regulations such as:

a. zoning bylaw	8-A	NORESP		TOO STR		ADEQ		NOT STR		DON'TKNOW	
b. subdivision rules	8-B	98	4.26%	127	5.52%	1001	43.54%	327	14.22%	746	32.45%
c. conservation regulations	8-C	100	4.35%	94	4.09%	872	37.93%	425	18.49%	808	35.15%
d. health regulations	8-D	88	3.83%	280	12.18%	912	39.67%	407	17.70%	612	26.62%
		97	4.22%	140	6.09%	1108	48.19%	216	9.40%	738	32.10%

AFFORDABLE HOUSING:

9. Do you think the Town should make a stronger effort to provide affordable housing for:

a. Young families	9-A	NO RESP		YES		NO		DON'TKNOW		TOTAL	
b. Senior Citizens	9-B	77	3.35%	1077	46.85%	775	33.71%	370	16.09%	2299	100.00%
c. Handicapped + Disabled	9-C	96	4.18%	826	35.93%	933	40.58%	444	19.31%	2299	100.00%
		95	4.13%	871	37.89%	766	33.32%	567	24.66%	2299	100.00%

10. Would you support allowing 1/4 acre lots in certain areas to provide affordable homes for first-time home buyers?	10	NO RESP		SUPP		NO SUPP		DON'T KNOW		TOTAL	
		56	2.44%	553	24.05%	1426	62.03%	264	11.48%	2299	100.00%

11. Should the town purchase land for affordable housing?	11	NO RESP		YES		NO		DON'T KNOW		TOTAL	
		84	3.65%	581	25.27%	1249	54.33%	385	16.75%	2299	100.00%

COMMUNITY CHARACTER:

12. What are the 3 most important aspects of the Town's character that should be preserved?
Please number in order of priority with 1 being the most important.

	RANK	BLANK	#1	#2	#3	TOTAL					
a. Maritime/Nautical Tradition	12-A	1121	48.76%	388	16.88%	328	14.27%	462	20.10%	2299	100.00%
b. Fishing/Shellfishing	12-B	1433	62.33%	215	9.35%	320	13.92%	331	14.40%	2299	100.00%
c. Environmental Quality	12-C	724	31.49%	732	31.84%	436	18.96%	407	17.70%	2299	100.00%
d. Commercial Hub of the Lower Cape	12-D	2015	87.65%	91	3.96%	71	3.09%	122	5.31%	2299	100.00%
e. Small Town	12-E	642	27.93%	843	36.67%	507	22.05%	307	13.35%	2299	100.00%
f. New England/Cape Cod style architecture	12-F	1264	54.98%	287	12.48%	374	16.27%	374	16.27%	2299	100.00%
g. Don't know	12-G	2264	98.48%	16	0.70%	5	0.22%	14	0.61%	2299	100.00%
h. Other	12-H	2211	96.17%	47	2.04%	12	0.52%	29	1.26%	2299	100.00%

13. List up to 4 special places in Town where you are most likely to bring visitors/guests to "show off" the Town? (Please print clearly.)

		BLANK	CHKD	TOTAL			
#1 Nauset Beach or Outer Beach	13-1	465	20.23%	1834	79.77%	2299	100.00%
#2 Rock Harbor	13-2	1072	46.63%	1227	53.37%	2299	100.00%
#3 Skaket Beach	13-3	1364	59.33%	935	40.67%	2299	100.00%
#4 Pleasant Bay	13-4	1916	83.34%	383	16.66%	2299	100.00%
#5 Town Cove	13-5	1978	86.04%	321	13.96%	2299	100.00%
#6 Village Center	13-6	1880	81.77%	419	18.23%	2299	100.00%
#7 Other	13-7	929	40.41%	1370	59.59%	2299	100.00%

14. Imagine it is the year 2020. How would you like to describe your Town? Please choose one.

		BLANK		CHKD	
a. Commercial Hub of the Lower Cape	14-A	2223	96.69%	76	3.31%
b. Home of aquaculture industry	14-B	2189	95.22%	110	4.78%
c. Cultural Center of the Lower Cape	14-C	1970	85.69%	329	14.31%
d. Summer Resort	14-D	2051	89.21%	248	10.79%
e. Semi-Rural Town with a balance of residential and commercial uses	14-E	827	35.97%	1472	64.03%

TOTAL	
2299	100.00%
2299	100.00%
2299	100.00%
2299	100.00%
2299	100.00%

f. Other. #0 No Response	14-F-0	2132	92.74%
#1 Rural Village	14-F-1	78	3.39%
#2 Old New England Maritime Village	14-F-2	14	0.61%
#3 Other	14-F-3	75	3.26%

TOTAL
2299

NATURAL RESOURCES:

15. The protection of our groundwater to maintain high quality drinking water is a high priority for us all. Which of the following actions would you support to ensure this?

		NO RESP		YES		NO		DON'TKNOW		TOTAL	
a. Develop and implement plans to require water-saving devices in all new buildings.	15-A	98	4.26%	1733	75.38%	224	9.74%	244	10.61%	2299	100.00%
b. Regulate use of pesticides and fertilizers on town-owned properties. Encourage the same for private property.	15-B	64	2.78%	1916	83.34%	125	5.44%	194	8.44%	2299	100.00%
c. Allow innovative septic systems to reduce nitrogen loading when systems are upgraded.	15-C	77	3.35%	1675	72.86%	108	4.70%	439	19.10%	2299	100.00%
d. Continue to purchase land for protection of zones of contribution to wells.	15-D	105	4.57%	1514	65.85%	330	14.35%	350	15.22%	2299	100.00%
e. Promote public education about activities which may lead to ground water contamination.	15-E	100	4.35%	2023	87.99%	62	2.70%	114	4.96%	2299	100.00%

16. Recreational waters require protection against contamination. Which of the following would you support to achieve this?

		NO RESP		YES		NO		DON'TKNOW		TOTAL	
a. Restrict development along shores, pond fronts and wetlands.	16-A	100	4.35%	1732	75.34%	269	11.70%	198	8.61%	2299	100.00%
b. Build pump-out facilities for boats and enforce their use.	16-B	128	5.57%	1689	73.47%	123	5.35%	359	15.62%	2299	100.00%
c. Encourage use of community docks and piers, and restrict such facilities.	16-C	123	5.35%	1142	49.67%	600	26.10%	434	18.88%	2299	100.00%
d. Continue a program of eliminating direct roadway runoff discharges to all surface bodies.	16-D	82	3.57%	1919	83.47%	92	4.00%	206	8.96%	2299	100.00%

HEALTH AND HUMAN SERVICES

17: Please indicate which of the following services you use now or have used in the past.

		NO RESP		YES		NO	
a. Adult immunization program	17-A	239	10.40%	566	24.62%	1494	64.98%
b. Blood pressure clinic	17-B	268	11.66%	422	18.36%	1609	69.99%
c. Mammography screening	17-C	310	13.48%	373	16.22%	1616	70.29%
d. Substance abuse counseling program	17-D	376	16.35%	81	3.52%	1842	80.12%
e. Rehabilitation services	17-E	369	16.05%	143	6.22%	1787	77.73%
f. Home health care	17-F	326	14.18%	272	11.83%	1701	73.99%
g. Congregate or home delivered meals	17-G	361	15.70%	129	5.61%	1809	78.69%
h. HIV counseling	17-H	388	16.88%	47	2.04%	1864	81.08%
i. Family Planning	17-I	374	16.27%	115	5.00%	1810	78.73%
j. Mental health counseling service	17-J	526	22.88%	1041	45.28%	732	31.84%

TOTAL	
2299	100.00%
2299	100.00%
2299	100.00%
2299	100.00%
2299	100.00%
2299	100.00%
2299	100.00%
2299	100.00%
2299	100.00%
2299	100.00%

18. Which of the following services not presently available in Orleans would you like to see here?

		NO RESP		YES		NO	
a. Adult day care facilities	18-A	239	10.40%	566	24.62%	1494	64.98%
b. Children day care facilities	18-B	268	11.66%	422	18.36%	1609	69.99%
c. Facilities for victims of domestic violence	18-C	310	13.48%	373	16.22%	1616	70.29%
d. Temporary facilities for the homeless	18-D	376	16.35%	81	3.52%	1842	80.12%
e. Transportation to medical facilities	18-E	369	16.05%	143	6.22%	1787	77.73%
f. Mental health services	18-F	326	14.18%	272	11.83%	1701	73.99%

TOTAL	
2299	100.00%
2299	100.00%
2299	100.00%
2299	100.00%
2299	100.00%
2299	100.00%

g. Other (please specify)	
#0 No Response	18-G
#1 Transportation for senior citizens	18-G
#2 More summer programs for children	18-G
#3 Other	18-G

2107	91.65%
84	3.65%
31	1.35%
77	3.35%

TOTAL
2299

19. Which of the following would you favor for the preservation and protection of open space? Assume a yes response may result in an increase in taxes.

		NO RESP		YES		NO		DON'TKNOW		TOTAL	
a. Continued land-acquisition program	19-A	128	5.57%	1102	47.93%	737	32.06%	332	14.44%	2299	100.00%
b. Purchase of public access ways over private property for recreational trails	19-B	140	6.09%	784	34.10%	994	43.24%	381	16.57%	2299	100.00%
c. Establish a land bank derived from a land transfer tax to provide funds for open space	19-C	118	5.13%	1037	45.11%	645	28.06%	499	21.71%	2299	100.00%

20. Do you believe that Orleans provides adequate services for the following groups?

		NO RESP		YES		NO		DON'TKNOW		TOTAL	
a. Young children	20-A	94	4.09%	1181	51.37%	286	12.44%	738	32.10%	2299	100.00%
b. Teens	20-B	89	3.87%	646	28.10%	753	32.75%	811	35.28%	2299	100.00%
c. Adults	20-C	121	5.26%	1230	53.50%	309	13.44%	639	27.79%	2299	100.00%
d. Senior Citizens	20-D	104	4.52%	1161	50.50%	232	10.09%	802	34.88%	2299	100.00%
e. Handicapped	20-E	130	5.65%	474	20.62%	346	15.05%	1349	58.68%	2299	100.00%

21. The bike path has proven to be very attractive to residents and tourists. Is there another such activity which you think should be developed? What is it?

CHKD

#1 More bike paths	21-1	132	14.43%
#2 Golf course	21-2	77	8.42%
#3 Hiking Trails	21-3	125	13.66%
#4 Tennis courts	21-4	27	2.95%
#5 Canoeing/Rowing Docks and Facilities	21-5	21	2.30%
#6 Public/Community Pool	21-6	20	2.19%
#7 Other	21-7	513	56.07%

TOTAL
915

22. Which of the following would you like to see developed in Orleans?

		NO RESP		YES		NO		DON'TKNOW		TOTAL	
a. Gambling casinos	22-A	117	5.09%	35	1.52%	2115	92.00%	32	1.39%	2299	100.00%
b. Amusement park	22-B	124	5.39%	46	2.00%	2095	91.13%	34	1.48%	2299	100.00%
c. Boat tours	22-C	123	5.35%	1125	48.93%	772	33.58%	279	12.14%	2299	100.00%
d. Historical tours	22-D	120	5.22%	1638	71.25%	351	15.27%	190	8.26%	2299	100.00%
e. Concerts and other outdoor events, such as pops in the park	22-E	68	2.96%	1962	85.34%	197	8.57%	72	3.13%	2299	100.00%
f. Movie theaters	22-F	152	6.61%	965	41.97%	978	42.54%	204	8.87%	2299	100.00%

Other:

		COUNT	
#1 Golf Course	22-G-1	37	12.46%
#2 Teenage Facilities	22-G-2	18	6.06%
#3 Theater/Playhouse	22-G-3	47	15.82%
#4 Other	22-G-4	195	65.66%

TOTAL
297

PERSONAL INFORMATION:

23. Are you a:

		COUNT	
a. Year-round resident?	23	1495	65.03%
b. Seasonal resident?	23	473	20.57%
c. Non-resident property owner?	23	313	13.61%
No Response	23	18	0.78%

TOTAL
2299

24. Please indicate your age.

		COUNT	
a. Under 18	24	2	0.09%
b. 18-30	24	39	1.70%
c. 31-50	24	608	26.45%
d. 51-65	24	714	31.06%
e. Over 65	24	919	39.97%
No Response	24	17	0.74%

TOTAL
2299

25. Please indicate your employment status.

		COUNT	
a. Employed full-time	25	977	42.50%
b. Employed part-time	25	222	9.66%
c. Unemployed	25	18	0.78%
d. Retired	25	951	41.37%
e. Student	25	7	0.30%
f. Home maker	25	102	4.44%
No Response	25	22	0.96%

TOTAL
2299

26. Please indicate:

		COUNT	
a. Male	26	1295	56.33%
b. Female	26	923	40.15%
Joint file	26	55	2.39%
No Response	26	26	1.13%

TOTAL
2299

27. Please indicate the number of children under 18 years of age in your household.

		COUNT	
a. 0	27	1795	78.08%
b. 1	27	200	8.70%
c. 2	27	170	7.39%
d. 3 or more	27	88	3.83%
No Response	27	46	2.00%

TOTAL
2299

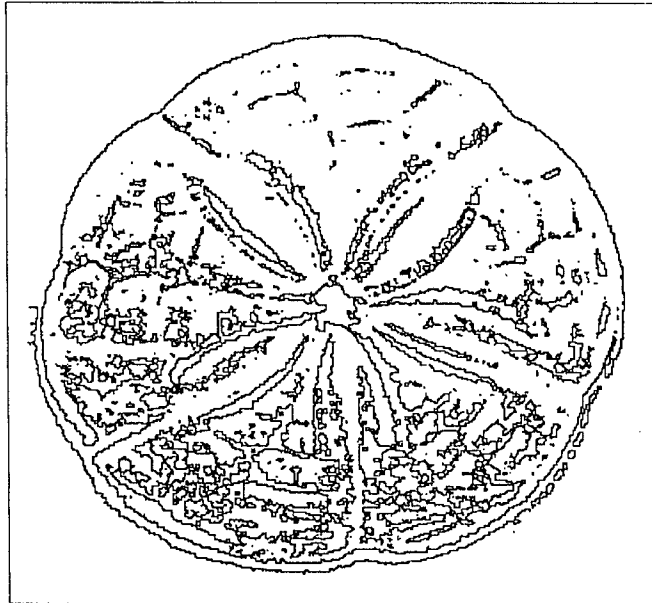
28. Please circle the number on the map to the right, which represents the quadrant of Town that you live in.

		COUNT	
1	28	568	24.71%
2	28	1056	45.93%
3	28	240	10.44%
4	28	370	16.09%
NO RESPONSE	28	65	2.83%

TOTAL
2299

Appendix
Marine Resources Survey

MARINE RESOURCES SURVEY



TOWN OF ORLEANS

1. Are you:

Resident	531	56.85%
Property Owner	673	72.06%
Seasonal Visitor	54	5.78%
Resident Other Cape Cod	54	5.78%

2. Please check the appropriate boxes below to indicate your current uses of the waters:

AREAS USED	CLAMS	QUAHAUGS	SCALLOPS	MUSSELS	LOBSTERS	BASS/BLUES/OTHER	FLOUNDER	SWIMMING	SAILING	POWER BOATING	WATER SKI	CANOE/KAYAK	BEACH ACCESS	BEACH WALK	WATERFOWL/HUNTING
TOWN COVE	160	183	83	76	25	90	102	77	93	184	30	86	115	133	24
	17.13%	19.59%	8.89%	8.14%	2.68%	9.64%	10.92%	8.24%	9.96%	19.70%	3.21%	9.21%	12.31%	14.24%	2.57%
NAUSET HARBOR	156	99	19	121	38	114	91	127	56	166	14	75	137	171	39
	16.70%	10.60%	2.03%	12.96%	4.07%	12.21%	9.74%	13.60%	6.00%	17.77%	1.50%	8.03%	14.67%	18.31%	4.18%
MILL POND	109	89	16	100	8	23	57	58	27	74	2	63	50	115	4
	11.67%	9.53%	1.71%	10.71%	0.86%	2.46%	6.10%	6.21%	2.89%	7.92%	0.21%	6.75%	5.35%	12.31%	0.43%
MEET POND&RIVER	64	59	6	7	1	41	42	73	107	196	13	92	48	54	3
	6.85%	6.32%	0.64%	0.75%	0.11%	4.39%	4.50%	7.82%	11.46%	20.99%	1.39%	9.85%	5.14%	5.78%	0.32%
LONNIE'S POND&RIVER	42	43	2	5	0	13	22	23	52	95	2	54	19	20	1
	4.50%	4.60%	0.21%	0.54%	0.00%	1.39%	2.36%	2.46%	5.57%	10.17%	0.21%	5.78%	2.03%	2.14%	0.11%
AREY'S POND&RIVER	28	21	6	4	0	14	16	24	85	115	4	67	17	22	0
	3.00%	2.25%	0.64%	0.43%	0.00%	1.50%	1.71%	2.57%	9.10%	12.31%	0.43%	7.17%	1.82%	2.36%	0.00%
LITTLE PLEASANT BAY	94	92	90	19	9	111	54	173	215	260	41	99	102	113	25
	10.06%	9.85%	9.64%	2.03%	0.96%	11.88%	5.78%	18.52%	23.02%	27.84%	4.39%	10.60%	10.92%	12.10%	2.68%
PAU WAH	12	14	11	4	2	13	13	24	45	75	4	40	36	73	4
	1.28%	1.50%	1.18%	0.43%	0.21%	1.39%	1.39%	2.57%	4.82%	8.03%	0.43%	4.28%	3.85%	7.82%	0.43%
BIG PLEASANT BAY	54	59	64	14	30	136	46	183	224	265	41	40	118	102	20
	5.78%	6.32%	6.85%	1.50%	3.21%	14.56%	4.93%	19.59%	23.98%	28.37%	4.39%	4.28%	12.63%	10.92%	2.14%
QUANSET	17	15	3	2	2	9	7	14	33	46	5	12	21	24	1
	1.82%	1.61%	0.32%	0.21%	0.21%	0.96%	0.75%	1.50%	3.53%	4.93%	0.54%	1.28%	2.25%	2.57%	0.11%
CAPE COD BAY	55	58	31	9	7	115	53	310	41	119	14	26	191	282	27
	5.89%	6.21%	3.32%	0.96%	0.75%	12.31%	5.67%	33.19%	4.39%	12.74%	1.50%	2.78%	20.45%	30.19%	2.89%
NAUSET BEACH	15	7	2	4	2	110	17	466	24	58	5		339	513	26
	1.61%	0.75%	0.21%	0.43%	0.21%	11.78%	1.82%	49.89%	2.57%	6.21%	0.54%	0.00%	36.30%	54.93%	2.78%
NAUSET SPIT	37	17	6	22	6	105	18	213	27	79	5	26	219	328	29
	3.96%	1.82%	0.64%	2.36%	0.64%	11.24%	1.93%	22.81%	2.89%	8.46%	0.54%	2.78%	23.45%	35.12%	3.10%
NAUSET BEACH TO CHATHAM	14	9	4	7	6	97	13	184	22	64	4	8	212	274	35
	1.50%	0.96%	0.43%	0.75%	0.64%	10.39%	1.39%	19.70%	2.36%	6.85%	0.43%	0.86%	22.70%	29.34%	3.75%

2. (Continued)

TOWN LANDINGS USED	PARK TO FISH/SHELLFISH	BOAT LAUNCH/MOORING
GOOSE HUMMOCK	54	96
	5.78%	10.28%
YACHT CLUB	101	180
	10.81%	19.27%
ASA'S	90	18
	9.64%	1.93%
TONSET	52	32
	5.57%	3.43%
SNOW SHORE	99	63
	10.60%	6.75%
MILL POND	117	94
	12.53%	10.06%
PRISCILLA	96	55
	10.28%	5.89%
RIVER RD	77	175
	8.24%	18.74%
BARLEY NECK RD	48	65
	5.14%	6.96%
POCHET	31	30
	3.32%	3.21%
LONNIE'S	37	43
	3.96%	4.60%
PAU WAH	48	99
	5.14%	10.60%
QUANSET	27	58
	2.89%	6.21%
RT 28	41	131
	4.39%	14.03%
ROCK HARBOR-ORLEANS	115	0
	12.31%	0.00%
ROCK HARBOR-EASTHAM	63	118
	6.75%	12.63%

3. How often do you go shellfishing?

a) Never	402	43.04%
b) 1/Yr	119	12.74%
c) 5/Yr	162	17.34%
d) 10/Yr	83	8.89%
e) More	126	13.49%

f) Scallops	6	0.64%
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Type of license

Commercial	48	5.14%
Family	354	37.90%

4. If you have a boat, do you

a) Launch	228	24.41%
b) Moor	248	26.55%
c) Both	196	20.99%

5. If you have a private dock, do others use your dock?

Yes	215	23.02%
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a) Family	44	4.71%
b) Neighbors	34	3.64%
c) Friends	28	3.00%

6. The activities listed below may enhance boating but could also impact water quality in the long run.

Should the town do any of the following?

	Yes		No		
a)	164	17.56%	623	66.70%	Re-zone portions of waterfront for marine business?
b)	238	25.48%	571	61.13%	Allow private businesses to use public purposes (i.e. eco-tours, parasail, etc.)
c)	341	36.51%	477	51.07%	Expand parking facilities at town landings?
d)	173	18.52%	612	65.52%	Increase the number of launching ramps at town landings?
e)	340	36.40%	449	48.07%	Allow the construction and use of private docks?
f)	397	42.51%	397	42.51%	Expand mooring areas to allow for and reduce waiting lists for mooring

7. The activities below may protect natural resources or improve water quality.

Should the town do any of the following?

	Yes		No		
a)	755	80.84%	74	7.92%	Expand shellfish seeding program?
b)	625	66.92%	138	14.78%	Support development of a shellfish seed grow-out facility?
c)	564	60.39%	205	21.95%	Support a marine education facility?
d)	499	53.43%	252	26.98%	Promote private aquaculture?
e)	319	34.15%	419	44.86%	Promote private aquaculture if it means decreased areas for boating?
f)	507	54.28%	207	22.16%	Operate pump-out facility?
g)	93	9.96%	646	69.16%	Reduce the number of moorings?
h)	573	61.35%	216	23.13%	Increase the amount of no-wake zones to reduce turbidity?
i)	548	58.67%	129	13.81%	Encourage "green tourism" activities?
j)	737	78.91%	35	3.75%	Continue program of drainage remediation?

8. Maintaining high water quality and healthy natural resources may require personal expense and restrictions on personal activities even if you do not directly on the waterfront. Would you be willing to do any of the following to protect our marine waters.

	Yes		No		
a)	599	64.13%	162	17.34%	Pay higher fees for shellfish permit?
b)	525	56.21%	225	24.09%	Pay for shellfish seeding?
c)	543	58.14%	222	23.77%	Pay for increased enforcement?
d)	376	40.26%	322	34.48%	Install a nutrient-reducing septic system at greater cost?
e)	704	75.37%	108	11.56%	Reduce or eliminate nitrogen-rich fertilizers on your property?
f)	521	55.78%	222	23.77%	Reduce or eliminate all surface care from entering road
g)	568	60.81%	111	11.88%	Use a boat pump-out facility even if inconvenient?

9. List, in order of importance, the 5 most important activities/uses of the waters to you.

1 = most important

5 = least

	1		2		3		4		5	
a) Fish/Shellfish	230	24.63%	78	8.35%	89	9.53%	64	6.85%	112	11.99%
b) Power Boat	130	13.92%	115	12.31%	82	8.78%	46	4.93%	140	14.99%
c) Sail	157	16.81%	88	9.42%	80	8.57%	53	5.67%	118	12.63%
d) Other Boat	50	5.35%	39	4.18%	63	6.75%	27	2.89%	96	10.28%
e) Swimming	288	30.84%	163	17.45%	131	14.03%	97	10.39%	79	8.46%
f) Beach Activities	213	22.81%	131	14.03%	138	14.78%	89	9.53%	80	8.57%
g) Picnic/lunch near Shore	130	13.92%	79	8.46%	94	10.06%	95	10.17%	104	11.13%
h) Walk along Shore	283	30.30%	148	15.85%	103	11.03%	89	9.53%	98	10.49%
i) Viewing water/scenic beauty	292	31.26%	89	9.53%	70	7.49%	86	9.21%	125	13.38%
j) Jet Ski	10	1.07%	1	0.11%	3	0.32%	10	1.07%	236	25.27%
k) Wind-surf	25	2.68%	20	2.14%	34	3.64%	30	3.21%	163	17.45%
l) Use of Private Dock	64	6.85%	22	2.36%	36	3.85%	20	2.14%	163	17.45%
m) Use of town launch ramp	115	12.31%	63	6.75%	76	8.14%	55	5.89%	114	12.21%

10. If you have experienced conflicts between the various users of the waters, what are the conflicts and where did they take place?

CONFLICT

a) Jet Skis	107	11.46%
b) Parking/Landings	21	2.25%
c) Power Boat/Sail Boat/Wake	117	12.53%
d) Shellfishing	36	3.85%
e) Boating/Fishing	11	1.18%
f) Other	88	9.42%

LOCATION

g) The Narrows	11	1.18%
h) Meeting House River	20	2.14%
i) Town Cove	23	2.46%
j) Mausest Inlet	32	3.43%
k) Pleasant Bay	50	5.35%
l) nauset Estuary	5	0.54%
m) Other	59	6.32%

11. Please provide any additional written comments you believe would be helpful in our efforts.

a) Preservation	49	5.25%
b) Water Quality	28	3.00%
c) Shellfish Mgt	32	3.43%
d) Landing/Water	19	2.03%
e) Finfish/Shellfish	9	0.96%
f) Other	216	23.13%

1. Are you:

PERCENTAGES

Resident	56.85%
Property Owner	72.06%
Seasonal Visitor	5.78%
Resident Other Cape Cod	5.78%

2. Please check the appropriate boxes below to indicate your current uses of the waters:

AREAS USED	CLAMS	QUAHAUGS	SCALLOPS	MUSSELS	LOBSTERS	BASS/BLUES/OTHER	FLOUNDER	SWIMMING	SAILING	POWER BOATING	WATER SKI	CANOE/KAYAK	BEACH ACCESS	BEACH WALK	WATERFOWL/HUNTING
TOWN COVE	17.13%	19.59%	8.89%	8.14%	2.68%	9.64%	10.92%	8.24%	9.96%	19.70%	3.21%	9.21%	12.31%	14.24%	2.57%
NAUSET HARBOR	16.70%	10.60%	2.03%	12.96%	4.07%	12.21%	9.74%	13.60%	6.00%	17.77%	1.50%	8.03%	14.67%	18.31%	4.18%
MILL POND	11.67%	9.53%	1.71%	10.71%	0.86%	2.46%	6.10%	6.21%	2.89%	7.92%	0.21%	6.75%	5.35%	12.31%	0.43%
MEET POND&RIVER	6.85%	6.32%	0.64%	0.75%	0.11%	4.39%	4.50%	7.82%	11.46%	20.99%	1.39%	9.85%	5.14%	5.78%	0.32%
LONNIE'S POND&RIVER	4.50%	4.60%	0.21%	0.54%	0.00%	1.39%	2.36%	2.46%	5.57%	10.17%	0.21%	5.78%	2.03%	2.14%	0.11%
AREY'S POND&RIVER	3.00%	2.25%	0.64%	0.43%	0.00%	1.50%	1.71%	2.57%	9.10%	12.31%	0.43%	7.17%	1.82%	2.36%	0.00%
LITTLE PLEASANT BAY	10.06%	9.85%	9.64%	2.03%	0.96%	11.88%	5.78%	18.52%	23.02%	27.84%	4.39%	10.60%	10.92%	12.10%	2.68%
PAU WAH	1.28%	1.50%	1.18%	0.43%	0.21%	1.39%	1.39%	2.57%	4.82%	8.03%	0.43%	4.28%	3.85%	7.82%	0.43%
BIG PLEASANT BAY	5.78%	6.32%	6.85%	1.50%	3.21%	14.56%	4.93%	19.59%	23.98%	28.37%	4.39%	4.28%	12.63%	10.92%	2.14%
QUANSET	1.82%	1.61%	0.32%	0.21%	0.21%	0.96%	0.75%	1.50%	3.53%	4.93%	0.54%	1.28%	2.25%	2.57%	0.11%
CAPE COD BAY	5.89%	6.21%	3.32%	0.96%	0.75%	12.31%	5.67%	33.19%	4.39%	12.74%	1.50%	2.78%	20.45%	30.19%	2.89%
NAUSET BEACH	1.61%	0.75%	0.21%	0.43%	0.21%	11.78%	1.82%	49.89%	2.57%	6.21%	0.54%	0.00%	36.30%	54.93%	2.78%
NAUSET SPIT	3.96%	1.82%	0.64%	2.36%	0.64%	11.24%	1.93%	22.81%	2.89%	8.46%	0.54%	2.78%	23.45%	35.12%	3.10%
NAUSET BEACH TO CHATHAM	1.50%	0.96%	0.43%	0.75%	0.64%	10.39%	1.39%	19.70%	2.36%	6.85%	0.43%	0.86%	22.70%	29.34%	3.75%

2. (Continued)

TOWN LANDINGS USED	PARK TO FISH/SHELLFISH	BOAT LAUNCH/MOORING
GOOSE HUMMOCK	5.78%	10.28%
YACHT CLUB	10.81%	19.27%
ASA'S	9.64%	1.93%
TONSET	5.57%	3.43%
SNOW SHORE	10.60%	6.75%
MILL POND	12.53%	10.06%
PRISCILLA	10.28%	5.89%
RIVER RD	8.24%	18.74%
BARLEY NECK RD	5.14%	6.96%
POCHET	3.32%	3.21%
LONNIE'S	3.96%	4.60%
PAU WAH	5.14%	10.60%
QUANSET	2.89%	6.21%
RT 28	4.39%	14.03%
ROCK HARBOR-ORLEANS	12.31%	0.00%
ROCK HARBOR-EASTHAM	6.75%	12.63%

PERCENTAGES

3. How often do you go shellfishing?

a) Never	43.04%
b) 1/Yr	12.74%
c) 5/Yr	17.34%
d) 10/Yr	8.89%
e) More	13.49%

f) Scallops	0.64%
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Type of license

Commercial	5.14%
Family	37.90%

4. If you have a boat, do you

a) Launch	24.41%
b) Moor	26.55%
c) Both	20.99%

5. If you have a private dock, do others use your dock?

Yes	23.02%
-----	--------

a) Family	4.71%
b) Neighbors	3.64%
c) Friends	3.00%

6. The activities listed below may enhance boating but could also impact water quality in the long run. Should the town do any of the following?

	Yes	No	
a)	17.56%	66.70%	Re-zone portions of waterfront for marine business?
b)	25.48%	61.13%	Allow private businesses to use public dock purposes (i.e. eco-tours, parasail, instr purposes (i.e. eco-tours, pa
c)	36.51%	51.07%	Expand parking facilities at town landings?
d)	18.52%	65.52%	Increase the number of launching ramps at town landings?
e)	36.40%	48.07%	Allow the construction and use of private docks?
f)	42.51%	42.51%	Expand mooring areas to allow for additional and reduce waiting lists for mooring space

7. The activities below may protect natural resources or improve water quality. Should the town do any of the following?

	Yes	No	
a)	80.84%	7.92%	Expand shellfish seeding program?
b)	66.92%	14.78%	Support development of a shellfish seed grow-out facility?
c)	60.39%	21.95%	Support a marine education facility?
d)	53.43%	26.98%	Promote private aquaculture?
e)	34.15%	44.86%	Promote private aquaculture if it means decreased areas for boating?
f)	54.28%	22.16%	Operate pump-out facility?
g)	9.96%	69.16%	Reduce the number of moorings?
h)	61.35%	23.13%	Increase the amount of no-wake zones to reduce turbidity?
i)	58.67%	13.81%	Encourage "green tourism" activities?
j)	78.91%	3.75%	Continue program of drainage remediation?

8. Maintaining high water quality and healthy natural resources may require personal expense and restrictions on personal activities even if you do not directly on the waterfront. Would you be willing to do any of the following to protect our marine waters.

	Yes	No	
a)	64.13%	17.34%	Pay higher fees for shellfish permit?
b)	56.21%	24.09%	Pay for shellfish seeding?
c)	58.14%	23.77%	Pay for increased enforcement?
d)	40.26%	34.48%	Install a nutrient-reducing septic system at greater cost?
e)	75.37%	11.56%	Reduce or eliminate nitrogen-rich fertilizers on your property?
f)	55.78%	23.77%	Reduce or eliminate all surface water runoff care from entering roadways or wa care from
g)	60.81%	11.88%	Use a boat pump-out facility even if inconvenient?

9. List, in order of importance, the 5 most important activities/uses of the waters to you.

1 = most important 5 = least

PERCENTAGES

	1	2	3	4	5
a) Fish/Shellfish	24.63%	8.35%	9.53%	6.85%	11.99%
b) Power Boat	13.92%	12.31%	8.78%	4.93%	14.99%
c) Sail	16.81%	9.42%	8.57%	5.67%	12.63%
d) Other Boat	5.35%	4.18%	6.75%	2.89%	10.28%
e) Swimming	30.84%	17.45%	14.03%	10.39%	8.46%
f) Beach Activities	22.81%	14.03%	14.78%	9.53%	8.57%
g) Picnic/lunch near Shore	13.92%	8.46%	10.06%	10.17%	11.13%
h) Walk along Shore	30.30%	15.85%	11.03%	9.53%	10.49%
i) Viewing water/scenic beauty	31.26%	9.53%	7.49%	9.21%	13.38%
j) Jet Ski	1.07%	0.11%	0.32%	1.07%	25.27%
k) Wind-surf	2.68%	2.14%	3.64%	3.21%	17.45%
l) Use of Private Dock	6.85%	2.36%	3.85%	2.14%	17.45%
m) Use of town launch ramp	12.31%	6.75%	8.14%	5.89%	12.21%

10. If you have experienced conflicts between the various users of the waters, what are the conflicts and where did they take place?

CONFLICT

a) Jet Skis	11.46%
b) Parking/Landings	2.25%
c) Power Boat/Sail Boat/Wake	12.53%
d) Shellfishing	3.85%
e) Boating/Fishing	1.18%
f) Other	9.42%

LOCATION

g) The Narrows	1.18%
h) Meeting House River	2.14%
i) Town Cove	2.46%
j) Mauseet Inlet	3.43%
k) Pleasant Bay	5.35%
l) nauset Estuary	0.54%
m) Other	6.32%

11. Please provide any additional written comments you believe would be helpful in our efforts.

a) Preservation	5.25%
b) Water Quality	3.00%
c) Shellfish Mgt	3.43%
d) Landing/Water	2.03%
e) Finfish/Shellfish	0.96%
f) Other	23.13%

Appendix

Action Items Fully Addressed

ACTION ITEMS FULLY ADDRESSED

CHAPTER 4: LAND USE				
<i>Action</i>		<i>Time for completion</i>	<i>Responsible Agency</i>	<i>Description of Efforts</i>
LU-2	A percentage of General Business zoned land should be rezoned for less-intensive uses.	Mid-term	Planning Board	Portions of GB District between 6A and Old Colony Way were rezoned May 2002. Changes along Rt. 6A approved at May 2003 TM
LU-4	Revise the Use Table of the Zoning Bylaw to reflect the following: <ul style="list-style-type: none"> • The Use Table should be reconfigured to provide better readability. Apartments associated with commercial buildings within the Industrial District should be limited to 1-bedroom units.	Near-term	Zoning Bylaw Task Force	An updated use table was adopted by Town Meeting in 2006. Limitations on apartments in the Industrial District was defeated by Town Meeting in May of 2000.
LU-5	Require all new subdivisions of 10 or more lots to submit an environmentally sensitive Open Space Residential Development plan.	Near-term	Planning Board	Defeated by Town Meeting, May 2002. Defeated by Town Meeting, May 2003 In May of 2005 the Town Meeting amended the Open Space Residential Development Bylaw by allowing cluster subdivisions by right therefore eliminating the special permit requirements for this type of subdivision.
LU-8	Evaluate zoning districts along Old Colony Way, considering existing land uses, traffic, and future growth potential.	Near-term	Planning Board	Rezoning approved at May 01 TM
LU-9	Expand the boundaries of the Village Center as appropriate to incorporate businesses on both sides of Main Street and Route 28.	Near-term	Planning Board	Boundary amendments approved by May 2002 TM.
LU-10	Amend the Rural Business District in East Orleans to remove parcels that would more appropriately be zoned for residential use.	Near-term	Planning Board	The Zoning Map was amended in May 2005. A total of 6 residential properties were removed from the East Orleans RB District.
LU-11	Revise the Subdivision Rules and Regulations to include a defined section that explains the decision making criteria for approval or denial of a subdivision plan.	Near-term	Planning Board	Board determined action not necessary. Board continues to follow state and local rules and regulations for approving or denying plans.

ACTION ITEMS FULLY ADDRESSED

CHAPTER 5: NATURAL RESOURCES				
<i>Action</i>		<i>Time for completion</i>	<i>Responsible Agency</i>	<i>Description of Efforts</i>
NR-2	Develop an overall shellfish management program, funded primarily through licensing fees, to protect and enhance local resources.	Near-term	Shellfish Dept.	FY07 budget will include request for shellfish seed and grow-out equipment.
NR-4	Consider creating a shellfish revolving fund to provide financial support of shellfish enhancement programs.	Near-term	Board of Selectmen	Funded 100% through budget.
NR-7	Continue marine water quality monitoring through volunteers and financial support of the Town.	Continuing	Board of Selectmen	Water Quality Task Force has expanded its sampling program to include nutrient testing in cooperation with PBMA and WWMSC. Ongoing – Additional funding provided.
NR-9	Develop an active public awareness program to encourage minimum use of fertilizers, herbicides and pesticides.	Near-term	Conservation Commission	New brochures completed in 2003.
NR-11	Consider adopting and enforcing regulations to limit development in FEMA V Zones.	Near-term	Conservation Commission	Town staff reviewed Orleans' status with FEMA officials. Consensus of staff that additional regulations are unnecessary. Cons. Comm. has reviewed.
NR-13	Develop and implement a program of water quality monitoring for the Town's fresh waters.	Near-term	Board of Selectmen	Programs in place for Crystal, Pilgrim, Baker's Pond, Pilgrim Lake. "Snapshot" of all fresh ponds August 2001 – ongoing.
NR-14	Continue efforts to permanently solve the cormorant problem at Cedar Pond.	Continuing	Board of Selectmen	Police program underway and being evaluated for long-term effectiveness - ongoing.
NR-16	Develop criteria for new docks and shoreline structures. Make regulations consistent with the recommendations of the Pleasant Bay Resource Management Plan.	Near-term	Conservation Commission	Regulations adopted January 2000
NR-19	Establish a management plan for the Town Watershed areas.	Near-term	Board of Water Commissioners	Approved June 21, 2000
NR-24	Consider adopting a regulation that will require waterfront property owners to plant only native species within 50 feet of a resource area.	Near-term	Conservation Commission	Regulation changes adopted March 2002
NR-26	Water quality measurements for Namskaket Creek, Mill Pond, and Town Cove should be incorporated into the efforts of the Water Quality Task Force.	Near-term	Water Quality Task Force	Water quality testing begun on all areas.

ACTION ITEMS FULLY ADDRESSED

NR-28	Consider adopting a regulation that would require advanced treatment whenever a septic system setback is less than 100 feet.	Near-term	Board of Health	When the Board of Health amended its Subsurface Sewage Disposal Regulations (December 2003) the Board determined that adoption of such a provision would not be appropriate until the recommendations of the Wastewater Management Plan are set. The Board of Health will be revisiting its Subsurface Sewage Disposal Regulations upon the completion of the town's Wastewater Management Plan.
NR-29	Amend Zoning Bylaws, Site Plan Review section, to provide for the protection of specimen trees.	Near-term	Planning Board	Found to be unnecessary, based on existing regulation 164-33-IV. F. which require retention of any tree larger than 6" caliber.
NR-30	Investigate the feasibility and implications of extending the current 50-foot undisturbed wetland buffer to 100 feet for the entire town.	Near-term	Conservation Commission	Report on issue forwarded to Board of Selectmen. No further action taken.

ACTION ITEMS FULLY ADDRESSED

CHAPTER 6: ECONOMIC DEVELOPMENT				
<i>Action</i>		<i>Time for completion</i>	<i>Responsible Agency</i>	<i>Description of Efforts</i>
ED-3	Perform a consumer preferences study to determine what viable businesses or services are needed.	Near-term	Planning Department	Public survey completed Dec. 2000 Additional public input gathered through Village Center Workshop, August 2005.
ED-4	Explore the feasibility of establishing as an Economic Opportunity Area (EOA) the business district on Route 6A from the Eastham line to the intersection of Route 6A & Route 28, and for the Industrial District, to allow the Town to participate in State economic development programs.	Mid-term	Planning Department	Requires identification of blighted economic areas, which do not exist in sufficient concentrations in Orleans.
ED-10	Investigate and identify Tax-Incentive/Financing programs available to attract investment in existing properties.	Near-term	EDC	EDC discovered that TIF requires designation as an Economic Opportunity Area, which must describe economic "blight" conditions in area. Since Orleans does not qualify, no further action will be taken.
ED-15	Perform a detailed analysis of all business districts to obtain an accurate inventory of existing uses as well as to determine planning potential, and to build a database.	Near-term	Planning Department	Business parcel inventory completed. Town Clerk continues to maintain a business list of licensed business in Town.
ED-16	Continue to work with the Chamber of Commerce to plan special events and focus marketing efforts on activities that lengthen the annual tourist season.	Continuing	Board of Selectmen	Chamber of Commerce handling former EDC role.
ED-17	Consider the designation of the Village Center as a Growth/Activity Center to foster a development style that is consistent with a small, focused community area to minimize further land consumption and preserve open space."	Mid-term	Planning Board	Evaluation of Growth/Activity Centers found little benefit to the community.

ACTION ITEMS FULLY ADDRESSED

CHAPTER 7: COMMUNITY FACILITIES AND SERVICES				
<i>Action</i>		<i>Time for completion</i>	<i>Responsible Agency</i>	<i>Description of Efforts</i>
CF-5	Complete planning for a new Town Hall	Near-term	Town Hall Building Committee (now Municipal Properties Study Committee)	Project scheduled for Town Meeting approval November 2005. If approved, proceeding with construction through FY07.
CF-6	Construct a New Town Hall	Near-term	Board of Selectman	Construction of the New Town Hall is underway and expected to be completed in Febuary of 2007.
CF-7	Maintain a current list of all Town facilities and their actual cash value or replacement cost, and insure these facilities accordingly.	Continuing	Town Administrator	Re-appraisals completed June 2001. Town's insurance carrier will update appraisals every 3 years.
CF-14	Replace failed septic system at Nauset Beach.	Near-term	Parks & Beaches Department	Completed
CF-16	Develop a schedule to implement improvements to parks and beaches.	Near-term	Parks & Beaches Department	Completed
CF-18	Develop a schedule to implement improvements to all Town Landings.	Near-term	Harbormaster	Schedule being implemented by Harbormaster.
CF-20	Consider creation of a Town or regional water analysis lab.	Near-term	Board of Selectmen	Board's position is that all testing should be done by an outside lab and not out of the Town's Community Center. Samples should go to Barns. County Lab.
CF-23	Update the Town's Water Conservation Plan.	Near-term	Water Department	Submitted to State, awaiting approval.
CF-24	Conduct a feasibility study of greensand or other filtering process for removal of iron and manganese.	Near-term	Water Department	Study completed 2001.
CF-25	Based on the findings of the study in CF-24, implement a program to remove iron and manganese from the water system.	Mid-term	Board of Water Commissioners	Iron & manganese filtration plant completed and on-line as of summer 2005.
CF-31	Complete the capping of the landfill, and continue monitoring the groundwater to anticipate potential impacts to private wells and surface water.	Near-term	Highway Department	Capping is complete.

ACTION ITEMS FULLY ADDRESSED

CHAPTER 8: HEALTH AND HUMAN SERVICES				
<i>Action</i>		<i>Time for completion</i>	<i>Responsible Agency</i>	<i>Description of Efforts</i>
HS-1	Establish a new permanent position of coordinator and administrator for all health and human service functions of the Town.	Near-term	Board of Selectmen	Nursing/health objectives were accomplished through hiring of additional staff, including COA Outreach and Wellness Facilitator, two additional EMTs and designation of an EMS Coordinator in the Fire Department, and a part-time health inspector. Although there is not a coordinator in particular, the need has been covered in another way. Will explore expanded use of the Town's web site as a clearing house of information and resources for public access.
HS-3	Evaluate and work towards establishment of day care for children consistent with the needs of Orleans parents.	Near-term	Board of Selectmen	Orleans After School Program, summer program had funding restored in Nov. 05 through a Town Meeting article. Town funded – ongoing.
HS-6	Continue the support of five-day affordable adult day care at the Council on Aging.	Continuing	Council on Aging	Program is fully self-supporting, operating at 62-78% capacity.

ACTION ITEMS FULLY ADDRESSED

CHAPTER 9: TRANSPORTATION				
<i>Action</i>		<i>Time for completion</i>	<i>Responsible Agency</i>	<i>Description of Efforts</i>
T-4	Develop a policy for services to private roads.	Near-term	Board of Selectmen	The town has no policy for services to private roads. No further action to be taken at this time.
T-6	Commit necessary resources to manage tree and vegetation cutback work along all public roads.	Near-term	Highway Dept.	Tree Warden hired. Additional labor and equipment resources required for adequate maintenance.
T-7	Fund the Highway Department at an appropriate level to support the maintenance and replacement of new and existing roads.	Continuing	Board of Selectmen	See T-2. Single Article funding of \$750,000 approved in May 2005.
T-11	Conduct a comprehensive traffic study of the area serving the Industrial District, from Skaket Corners to Route 28.	Near-Term	M	Bruce Campbell and Associates completed a study in 2003. A \$500,000 PWED Grant was awarded in 2004/5 for the re-location of Lots Hollow Road.
T-13	Conduct a comprehensive traffic study of the Village Center, concentrating on problems at Route 6A and Main Street.	Near-term	Planning Department	Study completed in 2004, to be used as part of Village Center Master Plan efforts.
T-17	Petition MassHighway to remove the "Shore Road" sign at exit 12 and install signs at town entry points directing through traffic to bypass Route 6A and remain on Route 6.	Near-term	Highway Dept.	Sign has been changed to "Nauset Beach" exit 12.
T-19	Facilitate State construction of a Park & Ride lot on Bay Ridge Lane.	Mid -term	Highway Department	MHD determined that site is not suitable for Park and Ride lot due to slope issues.
T-26	Consider water-based travel as an alternative to using cars to access the downtown and beaches.	Mid-term	Board of Selectmen	Determined to take no action at this time.
T-30	Enforce parking regulations on public streets and at Town landings	Near-term	Board of Selectmen	This is an ongoing action. Adequately addressed
T-31	Work with State officials to re-evaluate speed limits on State roads.	Mid-term	Board of Selectmen	Ongoing. Adequately addressed

ACTION ITEMS FULLY ADDRESSED

CHAPTER 10: AFFORDABLE HOUSING				
<i>Action</i>		<i>Time for completion</i>	<i>Responsible Agency</i>	<i>Description of Efforts</i>
AH-6	Consider amending the Zoning Bylaws to allow dormitory-type housing for seasonal workers under proper controls.	Near-term	Zoning Bylaw Task Force	Congregate housing regulations approved May 2001. Further regulations subject to completion of WMP.
AH-8	Consider amending the Zoning Bylaws to facilitate affordable housing through small rental units in private homes.	Mid-term	Zoning Bylaw Task Force	Adopted Zoning amendment to allow accessory apartments by right in all Residential Zoning Districts. Council on Aging has a new program to link elderly homeowners with prospective renters of single rooms within the home.
AH-10	Develop a Continuing Affordable Housing Plan to meet future needs, both rental and ownership, to reach the 10% goal.	Near-term	Housing Task Force	Joint committee (HTF/HA) formed 2000 Housing Action Plan completed, approved by DHCD.
AH-13	Study the 1999 Barnstable Inclusionary Bylaw. Consider whether such a bylaw is suitable for Orleans.	Near-term	Planning Department	Barnstable bylaw struck down by Courts. Therefore, no action should be taken to adopt a similar bylaw.

ACTION ITEMS FULLY ADDRESSED

CHAPTER 11: OPEN SPACE				
<i>Action</i>		<i>Time for completion</i>	<i>Responsible Agency</i>	<i>Description of Efforts</i>
OS-1	Create an "Open Space Preservation Reserve" account/line item in the budget for the accrual of Land Bank and annually appropriated funds to be used for open space, conservation and recreation land permanent protection.	Near-term	Board of Selectmen	Currently addressed in CIP for Open Space purchases with 5 year commitment, not appropriated for town budget line item.
OS-4	Fund the Open Space Preservation Reserve account of the budget at an amount consistent with the goals of this plan for preserving open space, conservation and recreation lands.	Continuing	Board of Selectmen	Open Space Reserve Account has not been established. Open Space/ Land Bank Committee anticipates that the Land Bank may be depleted in FY05. CIP – 5 year funding.
OS-7	Continue to improve public access to open space and conservation sites by making them handicap-accessible where possible, and by adding information signs, benches, trail route markers, limited parking and other unobtrusive amenities as appropriate to each site.	Mid-term	Conservation Commission	Christian property improvements (rough trail, viewing platform, ADA) completed. Seasonal toilet installed at Crystal Lake. Parking lot constructed at Windmill Park. Smith Parking lot completed. Continuing work.
OS-12	Define the specific recreation needs for small pocket parks in East Orleans, South Orleans, Rock Harbor and Skaket, as appropriate to each neighborhood site.	Near-term	Planning Department	Need for small parks not sufficient to support action. Focus on maintaining a variety of recreational opportunities at centralized facilities near schools.
OS-13	Plan, design and construct appropriately outfitted pocket park recreation areas in designated neighborhoods based on assessed local recreation needs	Far-term	Planning Department	No further action to be taken at this time.
OS-19	Plan and design a Town Cove Waterfront Park incorporating recommendations of the 1991 Town Cove Landscape Preservation Project, and coordinate this effort with the Village Center improvement project.	Mid-term	Planning Department	Shore path project rejected by neighbors. Waterfront parcels on Town Cove are being acquired periodically.
OS-20	Consider Establishing a Recreation Advisory Committee to provide needed advice and technical assistance to the Recreation Department.	Near-term	Board of Selectmen	Committee re-established and meeting regularly.
OS-21	Complete construction of the Orleans segments of the Cape Cod Rail Trail bike pathway, including urging the State to expedite construction of a bridge over Route 6, to link the Rail Trail with the completed Brewster and Eastham segments.	Near-term	Highway Dept.	Completed

ACTION ITEMS FULLY ADDRESSED

CHAPTER 12: HISTORIC PRESERVATION AND COMMUNITY CHARACTER				
<i>Action</i>		<i>Time for completion</i>	<i>Responsible Agency</i>	<i>Description of Efforts</i>
HC-6	Develop and adopt an appropriate Demolition Delay Bylaw to prevent the loss of historic structures.	Near-term	Historical Commission	Adopted May 2000. Article to extend delay period from 6 to 18 months under consideration at Fall 2005 Town Meeting.
HC-9	Adopt design guidelines for businesses to encourage building and site design that is in harmony with a Cape Cod village. Standards should be developed for building materials, facades, rooflines, architectural design, pedestrian access, and safety.	Near-term	Planning Board	Updated Architectural Review Committee regulations in the zoning bylaw adopted at 2006 Annual Town Meeting. New regulations promote development that is in harmony with the Cape Cod Village style.
HC-11	Improve the gateways to Orleans by improving landscaping & screening and removing sign clutter at Skaket Corners and the Eastham rotary.	Continuing	Parks & Beaches Department	"Welcome to Orleans" sign added on Route 6A. All Town properties are landscaped. Need for Chamber or OIA to work with private landowners on improvements.
HC-12	Develop a working relationship with ComElectric to revisit the issue of relocating the substation at Skaket Corners and to ensure that future facilities do not adversely impact the character of the community.	Continuing	Board of Selectmen	Ongoing. CommElectric is now NStar.
HC-13	Review and alter regulations for lighting to reduce glare, eliminate spillage, and eliminate excess lighting.	Near-term	Zoning Bylaw Task Force	2004 Annual Town Meeting adopted a General Bylaw that prohibits glare and light trespass onto abutting properties. All lights on commercial properties must come into compliance by May 2009.
HC-18	Adopt a set of guidelines for any proposed alterations to Scenic Roads.	Near-term	Planning Board	Based on past record of modifying projects instead of denial, action is deemed unnecessary.
HC-19	Establish a Town policy to define and protect vista views	Near-term	Board of Selectmen	Policy developed by Board of Selectmen, 2001

Appendix

Glossary of Terms

Glossary Of Terms

Best Management Practices (BMP) – Stormwater management techniques and devices that are acceptable to the Massachusetts Department of Environmental Protection, including retention/detention basins, vegetated swales, infiltration galleys, etc.

Bicycle Lane – A striped or otherwise marked area along a street that allows sufficient space for bicycles to ride alongside vehicle traffic.

Bicycle Path – A designated path set apart from and running parallel to a street that physically separates bicycles from vehicles.

Bicycle Trail – A travel corridor dedicated solely for alternative transportation, including bicycles, pedestrians, and sometimes horseback riding.

Buildout Analysis – An estimate of the potential for future development based on the amount of available land and the limitations of existing regulations.

Economic Opportunity Area - State designation of an area with a particular economic need or priority for development. The purpose is to provide incentives to encourage businesses to expand, relocate, or build new facilities in order to create permanent new jobs within the Area.

Environmentally Compatible – Activities which do not cause adverse affects on natural ecosystems.

FEMA A – Areas of the 100-year flood zone.

FEMA V - Areas of the 100-year flood with velocity (wave action).

Infrastructure – Structures and services necessary to support certain types of activities. Used most commonly in this Plan to refer to roads, utilities, and communications.

Marine Resources Survey – An opinion survey distributed in 1995 to determine residents views on a variety of issues related to coastal access and marine activities.

Primary Coastal Dune – The part of a dune system closest to the edge of the sea that is subject to the most intense impacts of a storm.

Redevelopment – A substantial physical reconstruction or a change of use of an existing building.

Relative Priority – The term as used in the Implementation Program of this plan. It shall mean a comparison of the cost and effort required to complete each action item in the plan. Cost

includes the direct costs to the Town as well as the cost of staff time devoted to a project. Effort may include the time required, the type of public process(es) required, the number of steps which are necessary, or the overall complexity of a project.

SCORP – State Conservation, Open Space, and Recreation Plan. A State-wide plan of the Massachusetts Department of Environmental Management.

Stormwater runoff – The volume of water in a storm that cannot be absorbed into the ground quickly enough and is channeled by gravity to low areas. Untreated stormwater may contain coliform bacteria, nutrients, pathogens, and/or polycarbon pollutants.

Strip Development – Linear commercial development along a major street that is oriented toward an automobile dominated shopping environment.

Town Survey – 1994 public opinion survey sent to all households. This survey received a response rate of nearly 40% and was used as a basis for developing goals and recommendations that are in sync with the opinions of residents.

Upland Area – Land area that is not within a resource area under the jurisdiction of the Conservation Commission.

Vernal Pool – A low area of land that contains surface water only during the short periods of the year that is used as part of the lifecycle of certain amphibious animals.

Village Center – The area in the central core of the downtown, as designated on the Orleans Zoning Map as the Village Center Overlay District.

Village Center Workshop – A workshop held in December 1998, attended by nearly 200 residents and business owners to determine residents interests in the future of the Village Center.

Village Growth/Activity Center – Small, pedestrian-oriented settlements which are suitable for a mix of residential and compatible small-scale commercial uses.

Wastewater – The liquid component of septic systems that leaches into the ground.