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August 9, 2004

Harry F. Bailey
Environmental Engineer
Public Water Supply Section
Department of Environment and Natural Resources
943 Washington Square Mall
Washington, NC 27889

Subject:

Well Completion Documents for Production Well Wilbur

Dare County Water System PWS ID 04-28-030, Dare County

Dear Mr. Bailey:

On behalf of Dare County Water, CDM is pleased to inform you that Dare County's Production Well Wilbur has been constructed and tested by A.C. Schultes of Carolina, Inc. Attached for your information and review are four sets of well completion documents that include the following information:

- Signed Well Drillers Log
- Well Yield and Drawdown Report
- TDH and Pump Head Calculations
- Engineer's Well Construction Verification
- Well Site Deed and Plat
- Water Quality Analyses

An Application for Approval of Engineering Plans and Specifications for this replacement well project was received by NCDENR on January 9, 2004 (Tracking No. 04-00061) and pulled for review on March 4, 2004. The referenced application included Production Wells Wilbur, Orville, 15, and 17. We are requesting authorization to finish all construction associated with Production Well Wilbur.

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It is our professional opinion, based upon our review of the water quality and hydrogeologic characteristics of this new well, that the NCDENR should be able to authorize the construction of the permanent facility.



Harry F. Bailey August 9, 2004 Page 2

Thank you for your attention and assistance to this critical project for the County. If you have any questions or I can be of further assistance, please do not hesitate to call.

Sincerely,

Gary A. St. Jo

Associate Camp Dresser & McKee Inc.

cc: Robert Oreskovich – Dare County Water W. Scott Manahan - CDM

L	<u>Dare</u>	Region	<u>ial</u> Wh	olesale	Public W	/ater Su	pply Sy	stem	
DURING LAST PEAK DAY JULY 5, 2002	Peak Day to Date - July 5th, 2002 = 9.574 MG								
Bitt ooct of good	Jul-02 Residential				Jul-02 Commercial				Total
	No. of	Resider	ntial Peak to	Calculated	No. of	Comm.	Peak to	Calculated	Calculated
	Res. Accounts	Avg. Use Per Day	Average Ratio	Peak Day	Comm. Accounts	Avg. Use Per Day	Average Ratio	Peak Day	Peak Day
Kitty Hawk	Jul-02 2,119	143	2.873	870,568	Jul-02 164	695	2.873	327,465	1,198,03
Southern Shores	2,362	185	2,873	1,255,415	55	859	2.873	135,735	1,391,15
Duck	1,958	178	2.873 <b>2.336</b>	1,001,309 <b>572,224</b>	110 <b>79</b>	847 <b>699</b>	2.873 <b>2.336</b>	267,677 <b>128,996</b>	1,268,98 <b>701,2</b> 2
Colington Roanoke Island	<b>1,713</b> 171	143 165	2.330	69,691	44	1,586	2.470	172,366	242,05
Kill Devil Hills	5,149	135	2.061	1,432,632	233	983	2.061	472,049	1,904,68
Nags Head	3,804	135	2.439	1,252,524	362	983 <b>983</b>	2.439 <b>2.470</b>	867,908 <b>415,190</b>	2,120,43 <b>754,3</b> 0
Manteo	1,017 18,293	135 152	2.470 2.549	339,119 6,793,482	171 1,218	954	2.549	2,787,387	704,00
Total	10,293	132	2.545	0,733,402	•	004			
	er of Res. & C	omm. Accou	ınts =		19,511		Total i	Est. Usage≔	9,580,86
ction 2		Dec-0	)3			Dec	:-03		
IF PEAK DAY WAS JAN.		Reside	ntial	l		Comm			Total
1, 2004	No. of	Res.	Peak to	Calculated	No. of	Comm.	Peak to	Calculated	Calculated
	Res. Accounts	Avg. Use Per Dav	Average Ratio	Peak Day	Comm. Accounts	Avg. Use Per Dav	Average Ratio	Peak Day	Peak Day
	Dec-03	rei Day	Nauv	Day	Dec-03				
Kitty Hawk	2,237	143	2.765	884,499	167	695	2.765	320,920	1,205,4
Southern Shores	2,575	185	2.765	1,317,177 1,030,604	59 111	<b>859</b> 847	<b>2.765</b> 2.765	1 <b>40,133</b> 259,957	1, <b>457,3</b> ° 1,290,56
B Duck B Colington	2,094 <b>1,922</b>	178 <b>143</b>	2.765 2.880	791,556	78	699	2.765	157,023	948,5
Roanoke Island	202	165	2.211	73,693	48	1,586	2.211	168,319	242,0
3 Kill Devil Hills	5,294	135	2.139	1,528,722	289	<b>983</b> 983	2.139 2.348	<b>607,662</b> 867,840	<b>2,136,3</b> 2,161,7
/ Nags Head	4,082 1, <b>107</b>	135 <b>135</b>	2.348 2.211	1,293,912 330,423	376 <b>172</b>	983 983	2.346	373,827	704.2
3 Manteo Total	19,513	152		7,250,586	1,300	954	2.511	2,895,681	
Total	10,010								40 440 0
Total Number	er of Res. & C	omm. Accou	unts =		20,813		Total	Est. Usage=	10,146,2
* Estimated based or	Res.	Comm.	total.	Dec-03	Res.	Comm.		Res.	Comm.
		Comm. 7.2%	Kitty Haw	k	93.1%	6.9%		Average of Jul 92.9%	-02 & Dec-03 7.1
Jul-02 Kitty Hawk Southern Shores	Res. 92.8% 97.7%	Comm. 7.2% 2,3%	Kitty Haw	k	93.1% <b>97.8%</b>	6.9% <b>2.2%</b>		Average of Jul	-02 & Dec-03 7.1 2.3
Jul-02  Kitty Hawk Southern Shores	Res. 92.8%	7.2% 2,3% 5.3%	Kitty Haw	k	93.1%	6.9% <b>2.2%</b> 5.0% <b>3.9%</b>	İ	Average of Jul 92.9% 97.7% 94.8% 95.8%	-02 & Dec-03 7.1 2.3 5.2 4.2
Jul-02 Kitty Hawk Southern Shores	92.8% 97.7% 94.7% 95.6% 79.5%	7.2% 2.3% 5.3% 4.4% 20.5%	Kitty Hawi Southern Duck Colington Roanoke	k Shores	93.1% <b>97.8%</b> 95.0% <b>96.1%</b> 80.8%	6.9% 2.2% 5.0% 3.9% 19.2%		Average of Jul 92.9% 97.7% 94.8% 95.8% 80.2%	-02 & Dec-03 7.1 2.3 5.2 4.2 19.8
Jul-02  1 Kitty Hawk 2 Southern Shores 3 Duck 4 Collegton 5 Roanoke Island 3 Kill Devil Hills	92.8% 97.7% 94.7% 95.6% 79.5% 95.7%	7.2% 2.3% 5.3% 4.4% 20.5% 4.3%	Kitty Hawi Southern Duck Colington Roanoke Kill Devil	k Shores Island Hills	93.1% 97.8% 95.0% 96.1% 80.8% 94.8%	6.9% 2.2% 5.0% 3.9% 19.2% 5.2%		Average of Jul 92.9% 97.7% 94.8% 95.8% 80.2% 95.2%	-02 & Dec-03 7.1 2.3 5.2 4.2 19.8 4.8
Jul-02  Kitty Hawk Southern Shores Jul-08 Juck Colington Roanoke Island Kill Devil Hille Nags Head	92.8% 97.7% 94.7% 95.6% 79.5% 95.7% 91.3%	7.2% 2.3% 5.3% 4.4% 20.5% 4.3% 8.7%	Kitty Hawi Southern Duck Colington Roanoke Kill Devil I Nag Head	k Shores Island Hills	93.1% <b>97.8%</b> 95.0% <b>96.1%</b> 80.8%	6.9% 2.2% 5.0% 3.9% 19.2%		Average of Jul 92.9% 97.7% 94.8% 95.8% 80.2%	-02 & Dec-03 7.1 2.3 5.2 4.2 19.6 4.8 8.6
Jul-02  1 Kitty Hawk 2 Southern Shores 3 Duck 4 Collegton 5 Roanoke Island 3 Kill Devil Hills	92.8% 97.7% 94.7% 95.6% 79.5% 95.7%	7.2% 2.3% 5.3% 4.4% 20.5% 4.3% 8.7%	Kitty Hawi Southern Duck Colington Roanoke Kill Devil I Nag Head Manteo	k Shores Island Hills	93.1% 97.8% 95.0% 96.1% 80.8% 94.8% 91.6%	6.9% 2.2% 5.0% 3.9% 19.2% 5.2% 8.4%		Average of Jul 92.9% 97.7% 94.8% 95.8% 80.2% 95.2% 91.4%	-02 & Dec-03 7.1 2.3 5.2 4.2 19.8
Jul-02    Kitty Hawk   Southern Shores   3 Duck   Collington   5 Roanoke Island   5 Kill Devil Hills   7 Nags Head   8 Manteo	92.8% 97.7% 94.7% 95.8% 79.5% 95.7% 91.3% 85.6%	7.2% 2.3% 5.3% 4.4% 20.5% 4.3% 8.7% 14.4%	Kitty Haw Southern Duck Colington Roanoke Kill Devil I Nag Head Manteo	k Shores Island Hills	93.1% 97.8% 95.0% 96.1% 80.8% 94.8% 91.6%	6.9% 2.2% 5.0% 3.9% 19.2% 5.2% 8.4% 13.4%		Average of Jul 92.9% 97.7% 94.8% 95.8% 80.2% 95.2% 91.4% 88.1%	-02 & Dec-03 7. 2.3 5.2 4.2 19.8 4.8 8.6
Jul-02    Kitty Hawk   Southern Shores   Duck   Colington   Stands   Island   Kill Devil Hills   Nags Head   Manteo   Avg.   Avg	92.8% 97.7% 94.7% 95.8% 79.5% 95.7% 91.3% 85.6%	7.2% 2.3% 5.3% 4.4% 20.5% 4.3% 8.7%	Kitty Hawi Southern Duck Colington Roanoke Kill Devil I Nag Head Manteo	k Shores Island Hills	93.1% 97.8% 95.0% 96.1% 80.8% 94.8% 91.6%	6.9% 2.2% 5.0% 3.9% 19.2% 5.2% 8.4% 13.4%		Average of Jul 92.9% 97.7% 94.8% 95.8% 80.2% 95.2% 91.4% 88.1%	-02 & Dec-03 7. 2.3 5.2 4.2 19.8 4.8 8.6
Jul-02  I Kitty Hawk 2 Southern Shores 3 Duck 4 Colington 5 Roanoke Island 8 Kill Devil Hills 7 Nags Head 8 Manteo Avg. ection 4  BEST ESTIMATE FOR THIS SUMMER '04 PEAK	92.8% 97.7% 94.7% 95.6% 79.5% 95.7% 91.3% 85.6%	7.2% 2.3% 5.3% 4.4% 20.5% 4.3% 8.7% 14.4% Jul-1	Kitty Hawi Southern Duck Colington Roanoke Kill Devil I Nag Head Manteo	k Shores Island Hills	93.1% 97.8% 95.0% 96.1% 80.8% 94.8% 91.6% 88.6%	6.9% 2.2% 5.0% 3.9% 19.2% 6.4% 13.4% 8.0%	I-04 nercial Peak to	Average of Jul 92.9% 97.7% 94.8% 95.8% 80.2% 95.2% 91.4% 88.1% 91.8%	-02 & Dec-03 7.1 2.3 5.2 4.2 19.8 4.8 8.6 13.8 Total Calculated
Jul-02  Kitty Hawk Southern Shores Duck Colington Roanoke Island Kitt Devit Hills Nags Head Manteo  Avg.	Res.  92.8% 97.7% 94.7% 95.8% 79.5% 95.7% 91.3% 85.6% 91.6%	7.2% 2.3% 5.3% 4.4% 20.5% 4.3% 8.7% 14.4% S.4%  Jul-Reside Res. Avg. Use	Kitty Hawi Southern Duck Colington Roanoke Kill Devil I Nag Head Manteo	k Shores Island Hills I	93.1% 97.8% 95.0% 96.1% 80.8% 94.8% 91.6% 92.0% No. of *	6.9% 2.2% 5.0% 3.9% 19.2% 5.2% 8.4% 8.0%  Comm. Avg. Use	I-04 nercial Peak to Average	Average of Jul 92.9% 97.7% 94.8% 95.8% 80.2% 91.4% 88.1% 91.8%	-02 & Dec-03 7.1 2.3 5.2 4.2 19.8 8.6 13.1 Total Calculated Peak
Jul-02  I Kitty Hawk 2 Southern Shores 3 Duck 4 Colington 5 Roanoke Island 8 Kill Devil Hills 7 Nags Head 8 Manteo Avg. ection 4  BEST ESTIMATE FOR THIS SUMMER '04 PEAK	92.8% 97.7% 94.7% 95.6% 79.5% 95.7% 91.3% 85.6% 91.6%	7.2% 2.3% 5.3% 4.4% 20.5% 4.3% 8.7% 14.4%  8.4%  Juli- Reside Res.	Kitty Hawi Southern Duck Colington Roanoke Kill Devil I Nag Head Manteo	k Shores	93.1% 97.8% 95.0% 96.1% 80.8% 91.6% 88.6% 92.0% No. of * Comm. Accounts	6.9% 2.2% 5.0% 3.9% 19.2% 6.4% 13.4% 8.0%	I-04 nercial Peak to	Average of Jul 92.9% 97.7% 94.8% 95.8% 80.2% 95.2% 91.4% 88.1% 91.8%	-02 & Dec-03 7. 2.3 5. 4. 19. 4. 8. 13. Calculated
Jul-02  I Kitty Hawk 2 Southern Shores 3 Duck 4 Colington 5 Roanoke Island 8 Kill Devil Hills 7 Nags Head 8 Manteo Avg. ection 4  BEST ESTIMATE FOR THIS SUMMER '04 PEAK	Res.  92.8% 97.7% 94.7% 95.8% 79.5% 95.7% 91.3% 85.6% 91.6%	7.2% 2.3% 5.3% 4.4% 20.5% 4.3% 8.7% 14.4% S.4%  Jul-Reside Res. Avg. Use	Kitty Hawi Southern Duck Collington Roanoke Kill Devil I Nag Heac Manteo	k Shores Island Hills I Calculated Peak Day	93.1% 97.8% 95.0% 96.1% 80.8% 91.6% 88.6% 92.0% No. of * Comm. Accounts Jul-04	6.9% 2.2% 5.0% 3.9% 19.2% 8.4% 8.0%  Turn Comm. Avg. Use Per Day	Peak to Average Ratio	Average of Jul 92.9% 97.7% 94.8% 95.8% 80.2% 91.4% 88.1% 91.8%  Calculated Peak Day  327,437	-02 & Dec-03 7. 2.3. 5.: 4.3. 19.8 8.9 Total Calculated Peak Day 1,229,5
Jul-02    Kitty Hawk   Southern Shores   Souther	92.8% 97.7% 94.7% 95.6% 79.5% 95.7% 91.3% 85.6% 91.6%	7.2% 2.3% 5.3% 5.3% 4.4% 20.5% 4.3% 8.7% 14.4% Reside Res. Avg. Use Per Day	Kitty Hawi Southern Duck Colington Roanoke Kill Devil I Nag Head Manteo	k Shores Island Hills I  Calculated Peak Day  902,137 1,341,176	93.1% 97.8% 95.0% 96.1% 80.8% 91.6% 92.0% No. of * Comm. Accounts Jul-04	6.9% 2.2% 5.0% 3.9% 19.2% 5.2% 8.4% 13.4% 8.0%  Ju Comm Comm. Avg. Use Per Day	I-04 nercial Peak to Average Ratio 2.765 2.765	Average of Jul 92.9% 97.7% 94.8% 95.8% 80.2% 91.4% 86.1% Calculated Peak Day	-02 & Dec-03 7.1 2.3 5.2 4.2 19.8 8.6 13.9 Total Calculated Peak Day 1,229,5 1,483,6
Jul-02    Kitty Hawk   Southern Shores   Southern Shores   Southern Shores   Older Shores   Southern Shores   Southern Shores   Southern Shores   Southern Shores   Sull-02   Sull-02   Southern Shores   Sull-02   Southern Shores   Sull-02    92.8% 97.7% 94.7% 95.6% 79.5% 95.7% 91.3% 85.6% 91.6%  No. of * Res. Accounts Jul-04 2,282 2,822	7.2% 2.3% 5.3% 4.4% 20.5% 4.3% 8.7% 14.4% 8.4%  Juli- Reside Res. Avg. Use Per Day	Kitty Hawi Southern Duck Collington Roanoke Kill Devil I Nag Heac Manteo	K Shores Island Hills Calculated Peak Day 902,137 1,341,176 1,053,005	93.1% 97.8% 95.0% 96.1% 80.8% 94.8% 91.6% 92.0% No. of * Comm. Accounts Jul-04	6.9% 2.2% 5.0% 3.9% 19.2% 5.2% 8.4% 8.0%  Comm. Avg. Use Per Day 695 856 847	Peak to Average Ratio 2.765 2.765	Average of Jul 92.9% 97.7% 94.8% 95.8% 95.2% 91.4% 88.1% 91.8% Calculated Peak Day 327,437 142,707 265,776	-02 & Dec-03 7. 2. 5. 4. 19. 4. 8. 13. 8. Total Calculated Peak Day 1,229,5 1,483,8 1,318,7	
Jul-02  I Kitty Hawk 2 Southern Shores 3 Duck 4 Colington 5 Roanoke Island 8 Kill Devil Hills 7 Nags Head 8 Manteo Avg. ection 4  BEST ESTIMATE FOR THIS SUMMER '04 PEAK DAY  1 Kitty Hawk 2 Southern Shores 3 Duck 4 Colington	92.8% 97.7% 94.7% 95.6% 79.5% 95.7% 91.3% 85.6% 91.6%	7.2% 2.3% 5.3% 5.3% 4.4% 20.5% 4.3% 8.7% 14.4% Reside Res. Avg. Use Per Day	Kitty Hawi Southern Duck Collington Roanoke Kitli Devil I Nag Head Manteo	K Shores Island Hills Calculated Peak Day 902,137 1,341,176 1,053,005	93.1% 97.8% 95.0% 96.1% 80.8% 91.6% 92.0% No. of * Comm. Accounts Jul-04	6.9% 2.2% 5.0% 3.9% 19.2% 5.2% 8.4% 13.4% 8.0%  Ju Comm Comm Avg. Use Per Day  695 847 696 1,586	I-04 nercial Peak to Average Ratio 2.765 2.765 2.880 2.211	Average of Jul 92.9% 97.7% 94.8% 95.8% 80.2% 95.2% 91.4% 88.1% Calculated Peak Day 327,437 142,707 265,776 161,790 171,101	-02 & Dec-03 7.1 2.3 5.2 4.2 19.6 8.6 13.9 Total Calculated Peak Day 1,229,5 1,483,6 1,318,7 975,6 245,6
Jul-02    Kitty Hawk     Southern Shores     Duck     Colington     Roanoke Island     Kill Devil Hille     Nags Head     Manteo     Avg.     EEST ESTIMATE FOR     THIS SUMMER '04 PEAK     DAY      Kitty Hawk     Southern Shores     Duck     Colington     Roanoke Island     Summer     Roanoke Island     Summer     Roanoke Island     Summer     Colington     Roanoke Island     Southern Shores     Roanoke Island     Summer     Summer     Summer     Colington     Summer     Summer     Summer     Summer     Colington     Summer     Summe	Res.  92.8% 97.7% 94.7% 95.6% 79.5% 95.7% 91.3% 85.6% 91.6%  No. of * Res. Accounts Jul-04 2,282 2,822 2,140 1,977 205 5,349	7.2% 2.3% 5.3% 4.4% 20.5% 4.3% 8.7% 14.4% Reside Res. Avg. Use Per Day 143 165 135	Kitty Hawi Southern Duck Colington Roanoke Kill Devil I Nag Head Manteo.	Calculated Peak Day 902,137 1,341,176 1,053,005 814,056 74,862	93.1% 97.8% 95.0% 96.1% 80.8% 94.8% 91.6% 92.0% No. of * Comm. Accounts Jul-04 170 60 113 80 49 292	6.9% 2.2% 5.0% 3.9% 19.2% 5.2% 8.4% 8.0%  Comm Avg. Use Per Day 695 856 847 696 1,586 983	I-04 nercial Peak to Average Ratio 2.765 2.765 2.880 2.131 3.2139	Average of Jul 92.9% 97.7% 94.8% 95.8% 80.2% 95.2% 91.4% 88.1% 91.8%  Calculated Peak Day  327,437 142,707 265,776 161,790 171,101 613,458	-02 & Dec-03 7.7 2.3 5.2 4.2 19.8 4.8 8.6 13.1 Calculated Peak Day 1,229,5 1,483,6 1,318,7 975,6 245,6 2,158,1
Jul-02    Kitty Hawk   Southern Shores   Souther	Res.  92.8% 97.7% 94.7% 95.6% 79.5% 91.3% 85.6% 91.6%  No. of * Res. Accounts Jul-04 2,822 2,140 1,977 205 5,349 4,169	7.2% 2.3% 5.3% 4.4% 20.5% 4.3% 8.7% 14.4% 8.4%  Jul-I Reside Res. Avg. Use Per Day  143 185 178 143 165 135	Kitty Hawl Southern Duck Collington Roanoke Kitl Devil I Nag Head Manteo  O4  O4  O4  O5  O6  O7  O7  O7  O7  O7  O7  O7  O7  O7	Calculated Peak Day 902,137 1,341,176 1,053,005 814,056 74,862 1,544,674 1,321,447	93.1% 97.8% 95.0% 96.1% 80.8% 94.8% 91.6% 86.6% 92.0% No. of * Comm. Accounts Jul-04 170 60 113 80 49 292 384	6.9% 2.2% 5.0% 3.9% 19.2% 5.2% 8.4% 8.0%  Comm. Avg. Use Per Day  695 854 695 1,586 983 983	I-04   Peak to Average Ratio   2.765   2.765   2.880   3.2.139   3.2.348	Average of Jul 92.9% 97.7% 94.8% 95.8% 80.2% 95.2% 91.4% 88.196 91.8%  Calculated Peak Day  327.437 142,707 265,776 161,790 171,101 613,458 886,613	-02 & Dec-03 7. 2.3 5. 4.1 19.8 4.1 8.1 13.1 Calculated Peak Day 1,229,5 1,483,6 1,318,1 975,6 245,5 2,158,2
Jul-02    Kitty Hawk     Southern Shores     Duck     Colington     Roanoke Island     Kill Devil Hille     Nags Head     Manteo     Avg.     EEST ESTIMATE FOR     THIS SUMMER '04 PEAK     DAY      Kitty Hawk     Southern Shores     Duck     Colington     Kill Devil Hills     Nags Head     Manteo     Avg.     Avg.     EEST ESTIMATE FOR     Call This SUMMER '04 PEAK     DAY     Kitty Hawk     Southern Shores     Duck     Colington     Nags Head     Manteo     Manteo     Manteo     Avg.     Avg.	92.8% 97.7% 94.7% 95.6% 79.5% 95.7% 91.3% 85.6% 91.6%  No. of * Res. Accounts Jul-04 2,282 2,140 1,977 205 5,349 4,169 1,133	7.2% 2.3% 5.3% 4.4% 20.5% 4.3% 8.7% 14.4% Reside Res. Avg. Use Per Day 143 165 135	Kitty Hawi Southern Duck Collington Roanoke Kill Devil II Nag Head Manteo	Calculated Peak Day 902,137 1,341,176 1,053,005 814,056 74,862 1,544,674 1,321,447 338,131	93.1% 97.8% 95.0% 96.1% 80.8% 94.8% 91.6% 92.0% No. of * Comm. Accounts Jul-04 170 60 113 80 49 292	6.9% 2.2% 5.0% 3.9% 19.2% 8.4% 8.0%  Turner Comm. Avg. Use Per Day  695 847 696 1,586 983 983	I-04   Peak to Average Ratio   2.765   2.765   2.265   3.231   3.2318   3.2318   3.2318	Average of Jul 92.9% 97.7% 94.8% 95.8% 80.2% 95.2% 91.4% 88.1% 91.8%  Calculated Peak Day  327,437 142,707 265,776 161,790 171,101 613,458	-02 & Dec-03 7.1 2.3 5.2 4.2 19.8 8.6 13.6 Total Calculated Peak
Jul-02  I Kitty Hawk 2 Southern Shores 3 Duck 4 Colington 5 Roanoke Island 8 Mill Devil Hills 7 Nags Head 8 Manteo  Avg.  BEST ESTIMATE FOR THIS SUMMER '04 PEAK DAY  1 Kitty Hawk 2 Southern Shores 3 Duck 4 Colington 5 Roanoke Island 6 Kill Devil Hills 7 Nags Head 8 Manteo  Total	Res.  92.8% 97.7% 94.7% 95.6% 79.5% 91.3% 85.6% 91.6%  No. of * Res. Accounts Jul-04 2,822 2,140 1,977 205 5,349 4,169 1,133 19,876	7.2% 2.3% 5.3% 4.4% 20.5% 4.3% 8.7% 14.4% 8.4%  Jul-I Reside Res. Avg. Use Per Day  143 185 178 143 165 135 135	Kitty Hawi Southern Duck Collington Roanoke Kitli Devil I Nag Head Manteo O4 ential Peak to Average Ratio 2.765 2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765	Calculated Peak Day 902,137 1,341,176 1,053,005 814,056 74,862 1,544,674 1,321,447 338,131	93.1% 97.8% 95.0% 96.1% 80.8% 94.8% 91.6% 86.6% 92.0%  No. of * Comm. Accounts Jul-04 170 60 113 80 49 292 384 176 1,325	6.9% 2.2% 5.0% 3.9% 19.2% 5.2% 8.4% 13.4% 8.0%  Comm. Avg. Use Per Day 695 855 847 696 1,556 983 983 985	I-04   Peak to   Average   Ratio   2.765   2.765   2.765   2.880   2.211   2.348   3.2211   2.511	Average of Jul 92.9% 97.7% 94.8% 95.8% 80.2% 95.2% 91.4% 88.1% 91.8%  Calculated Peak Day  327.437 142,707 265,776 161,790 171,101 613,458 886,613 382,904 2,951,786	-02 & Dec-03 7. 2.3 5. 4. 19. 4. 8. 13. 8.  Total Calculated Peak Day 1,229, 1,483, 1,318, 975, 245, 2,158, 2,288, 721,6
Jul-02  I Kitty Hawk 2 Southern Shores 3 Duck 4 Colington 5 Roanoke Island 8 Mill Devil Hills 7 Nags Head 8 Manteo  Avg.  BEST ESTIMATE FOR THIS SUMMER '04 PEAK DAY  1 Kitty Hawk 2 Southern Shores 3 Duck 4 Colington 5 Roanoke Island 6 Kill Devil Hills 7 Nags Head 8 Manteo  Total	92.8% 97.7% 94.7% 95.6% 79.5% 95.7% 91.3% 85.6% 91.6%  No. of * Res. Accounts Jul-04 2,282 2,140 1,977 205 5,349 4,169 1,133	7.2% 2.3% 5.3% 4.4% 20.5% 4.3% 8.7% 14.4% 8.4%  Jul-I Reside Res. Avg. Use Per Day  143 185 178 143 165 135 135	Kitty Hawi Southern Duck Collington Roanoke Kitli Devil I Nag Head Manteo O4 ential Peak to Average Ratio 2.765 2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765	Calculated Peak Day 902,137 1,341,176 1,053,005 814,056 74,862 1,544,674 1,321,447 338,131	93.1% 97.8% 95.0% 96.1% 80.8% 91.6% 92.0% No. of * Comm. Accounts Jul-04 170 60 113 80 49 292 384 176	6.9% 2.2% 5.0% 3.9% 19.2% 5.2% 8.4% 13.4% 8.0%  Comm. Avg. Use Per Day 695 855 847 696 1,586 983 983 985	I-04   Peak to   Average   Ratio   2.765   2.765   2.765   2.880   2.211   2.348   3.2211   2.511	Average of Jul 92.9% 97.7% 94.8% 95.8% 80.2% 95.2% 91.4% 88.1% 91.8% Calculated Peak Day 327,437 142,707 265,776 161,790 171,101 613,458 886,613 382,904	-02 & Dec-03 7. 2.3 5. 4. 19. 4. 8. 13. 8.  Total Calculated Peak Day 1,229, 1,483, 1,318, 975, 245, 2,158, 2,288, 721,6
Jul-02  I Kitty Hawk 2 Southern Shores 3 Duck 4 Colington 5 Roanoke Island 8 Mill Devil Hills 7 Nags Head 8 Manteo  Avg.  BEST ESTIMATE FOR THIS SUMMER '04 PEAK DAY  1 Kitty Hawk 2 Southern Shores 3 Duck 4 Colington 5 Roanoke Island 6 Kill Devil Hills 7 Nags Head 8 Manteo  Total	Res.  92.8% 97.7% 94.7% 95.6% 79.5% 91.3% 85.6% 91.6%  No. of * Res. Accounts Jul-04 2,822 2,140 1,977 205 5,349 4,169 1,133 19,876	7.2% 2.3% 5.3% 4.4% 20.5% 4.3% 8.7% 14.4% 8.4%  Jul-I Reside Res. Avg. Use Per Day  143 185 178 143 165 135 135	Kitty Hawi Southern Duck Collington Roanoke Kitli Devil I Nag Head Manteo O4 ential Peak to Average Ratio 2.765 2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765 3.2.765	Calculated Peak Day 902,137 1,341,176 1,053,005 814,056 74,862 1,544,674 1,321,447 338,131	93.1% 97.8% 95.0% 96.1% 80.8% 94.8% 91.6% 86.6% 92.0%  No. of * Comm. Accounts Jul-04 170 60 113 80 49 292 384 176 1,325	6.9% 2.2% 5.0% 3.9% 19.2% 5.2% 8.4% 13.4% 8.0%  Comm. Avg. Use Per Day 695 855 847 696 1,586 983 983 985	I-04   Peak to   Average   Ratio   2.765   2.765   2.765   2.880   2.211   2.348   3.2211   2.511	Average of Jul 92.9% 97.7% 94.8% 95.8% 80.2% 95.2% 91.4% 88.1% 91.8%  Calculated Peak Day  327.437 142,707 265,776 161,790 171,101 613,458 886,613 382,904 2,951,786	-02 & Dec-03 7.1 2.3 5.2 4.2 19.8 4.8 8.6 13.1 Calculated Peak Day 1,229.5 1,433,6 1,318,7 975,6 245,9 2,158,1 2,208,6
Jul-02    Kitty Hawk     Southern Shores     Duck     Colington     Roanoke Island     Kitl Devil Hille     Nags Head     BEST ESTIMATE FOR     THIS SUMMER '04 PEAK     DAY     Kitty Hawk     Southern Shores     Duck     Colington     Kill Devil Hills     Nags Head     Manteo     Total Numb	Res.  92.8% 97.7% 94.7% 95.6% 79.5% 91.3% 85.6% 91.6%  No. of * Res. Accounts Jul-04 2,822 2,140 1,977 205 5,349 4,169 1,133 19,876	7.2% 2.3% 5.3% 4.4% 20.5% 4.3% 8.7% 14.4% 8.4%  Sul-Reside Res. Avg. Use Per Day 143 185 178 143 165 135 135 135	Kitty Hawi Southern Duck Collington Roanoke Kill Devil III Nag Head Manteo  104  Peak to Average Ratio  105  107  107  108  108  108  108  108  108	Calculated Peak Day 902,137 1,341,176 1,053,005 814,056 74,862 1,544,874 1,321,447 338,131 7,389,489	93.1% 97.8% 95.0% 96.1% 80.8% 94.8% 91.6% 86.6% 92.0%  No. of * Comm. Accounts Jul-04 170 60 113 80 49 292 384 176 1,325	6.9% 2.2% 5.0% 3.9% 19.2% 8.4% 13.4% 8.0%  Turn Comm. Avg. Use Per Day  695 855 847 696 1,586 983 983 985	I-04   Peak to Average Ratio   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765	Average of Jul 92.9% 97.7% 94.8% 95.8% 80.2% 95.2% 91.4% 88.1% 91.8%  Calculated Peak Day  327.437 142,707 265,776 161,790 171,101 613,458 886,613 382,904 2,951,786	-02 & Dec-03 7. 2.3 5. 4. 19. 4. 8. 13. 8.  Total Calculated Peak Day 1,229, 1,483, 1,318, 975, 245, 2,158, 2,288, 721,6
Jul-02  I Kitty Hawk 2 Southern Shores 3 Duck 4 Colington 5 Roanoke Island 8 Mill Devil Hills 7 Nags Head 8 Manteo Avg. ection 4  BEST ESTIMATE FOR THIS SUMMER '04 PEAK DAY  1 Kitty Hawk 2 Southern Shores 3 Duck 4 Colington 5 Roanoke Island 6 Kill Devil Hills 7 Nags Head 8 Manteo  Total Total Numblection 5	Res.  92.8% 97.7% 94.7% 95.8% 79.5% 91.3% 85.6% 91.6%  No. of * Res. Accounts Jul-04 2,282 2,140 1,977 205 5,349 4,169 1,133 19,876 per of Res. & G	7.2% 2.3% 5.3% 4.4% 20.5% 4.3% 8.7% 14.4% 8.4%  Sul-Reside Res. Avg. Use Per Day 143 185 178 143 165 135 135 135	Kitty Hawi Southern Duck Collington Roanoke Kill Devil III Nag Head Manteo  104  Peak to Average Ratio  105  107  107  108  108  108  108  108  108	Calculated Peak Day 902,137 1,341,176 1,053,005 814,056 74,862 1,544,874 1,321,447 338,131 7,389,489	93.1% 97.8% 95.0% 96.1% 80.8% 91.6% 92.0%  No. of * Comm. Accounts Jul-04  170 60 113 80 49 292 384 176 1,325 21,201	6.9% 2.2% 5.0% 3.9% 19.2% 8.4% 13.4% 8.0%  Turn Comm. Avg. Use Per Day  695 855 847 696 1,586 983 983 985	I-04   Peak to Average Ratio   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765	Average of Jul 92.9% 97.7% 94.8% 95.8% 80.2% 95.2% 91.4% 88.1% 91.8%  Calculated Peak Day  327,437 142,707 265,776 161,790 171,101 613,458 886,613 382,904 2,951,786  Est. Usage=	-02 & Dec-03 7.7 2.3 5.4 4.8 8.6 13.1 Calculated Peak Day 1,229,5 1,483,6 1,318,7 975,6 245,6 2,158,1 2,208,6 721,6
Jul-02    Kitty Hawk     Southern Shores     Duck     Colington     Roanoke Island     Kitl Devil Hille     Nags Head     BEST ESTIMATE FOR     THIS SUMMER '04 PEAK     DAY     Kitty Hawk     Southern Shores     Duck     Colington     Kill Devil Hills     Nags Head     Manteo     Total Numb	Res.  92.8% 97.7% 94.7% 95.6% 79.5% 95.7% 91.3% 85.6% 91.6%  1.3% 2.822 2.140 1.977 205 5.349 4.169 4.169 1.133 19.876  per of Res. & C	7.2% 2.3% 5.3% 5.3% 4.4% 20.5% 4.3% 8.7% 14.4% Reside Res. Avg. Use Per Day 143 185 178 143 165 135 135 135 135 135	Kitty Hawi Southern Duck Collington Roanoke Kill Devil III Nag Head Manteo  04 Initial Peak to Average Ratio  6 2.765 2.765 2.765 2.2765 2.2810 2.2139 2.2388 2.211 2.2139 2.2511 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139	Calculated Peak Day 902,137 1,341,176 1,053,005 814,056 74,862 1,544,674 1,321,447 338,131 7,369,489	93.1% 97.8% 95.0% 96.1% 80.8% 91.6% 92.0%  No. of * Comm. Accounts Jul-04  170 60 113 80 49 292 384 176 1,325 21,201	6.9% 2.2% 5.0% 3.9% 19.2% 8.4% 13.4% 8.0%  Turn Comm. Avg. Use Per Day  695 855 847 696 1,586 983 983 985	I-04   Peak to Average Ratio   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765	Average of Jul 92.9% 97.7% 94.8% 95.8% 80.2% 95.2% 91.4% 88.1% 91.8%  Calculated Peak Day  327,437 142,707 265,776 161,790 171,101 613,458 886,613 382,904 2,951,786  Est. Usage=	-02 & Dec-03 7. 2.3 5. 4. 19. 4. 8. 13. 8.  Total Calculated Peak Day 1,229, 1,483, 1,318, 975, 245, 2,158, 2,288, 721,6
Jul-02  I Kitty Hawk 2 Southern Shores 3 Duck 4 Colington 5 Roanoke Island 8 Mill Devil Hills 7 Nags Head 8 Manteo Avg. ection 4  BEST ESTIMATE FOR THIS SUMMER '04 PEAK DAY  1 Kitty Hawk 2 Southern Shores 3 Duck 4 Colington 5 Roanoke Island 6 Kill Devil Hills 7 Nags Head 8 Manteo  Total Total Numblection 5	Res.  92.8% 97.7% 94.7% 95.8% 79.5% 91.3% 85.6% 91.6%  No. of * Res. Accounts Jul-04 2,282 2,140 1,977 205 5,349 4,169 1,133 19,876 per of Res. & G	7.2% 2.3% 5.3% 5.3% 4.4% 20.5% 4.3% 8.7% 14.4% Reside Res. Avg. Use Per Day 143 185 178 143 165 135 135 135 135 135	Kitty Hawi Southern Duck Collington Roanoke Kill Devil III Nag Head Manteo  04 Initial Peak to Average Ratio  6 2.765 2.765 2.765 2.2765 2.2810 2.2139 2.2388 2.211 2.2139 2.2511 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139	Calculated Peak Day 902,137 1,341,176 1,053,005 814,056 74,862 1,544,674 1,321,447 338,131 7,369,489	93.1% 97.8% 95.0% 96.1% 80.8% 91.6% 92.0%  No. of * Comm. Accounts Jul-04  170 60 113 80 49 292 384 176 1,325 21,201	6.9% 2.2% 5.0% 3.9% 19.2% 8.4% 13.4% 8.0%  Turn Comm. Avg. Use Per Day  695 855 847 696 1,586 983 983 985	I-04   Peak to Average Ratio   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765	Average of Jul 92.9% 97.7% 94.8% 95.8% 80.2% 95.2% 91.4% 88.1% 91.8%  Calculated Peak Day  327,437 142,707 265,776 161,790 171,101 613,458 886,613 382,904 2,951,786  Est. Usage=	-02 & Dec-03 7. 2.: 5. 4.: 19.: 4. 8.: 13.: 6.  Total Calculated Peak Day 1,229,1,483,1,318,975,245,2,158,2,208,721,1
Jul-02    Kitty Hawk     Southern Shores     Southern Shores     Duck     Colington     Roanoke Island     Kill Devil Hille     Nags Head     Manteo	Res.  92.8% 97.7% 94.7% 95.6% 79.5% 95.7% 91.3% 85.6% 91.6%  1.3% 2.822 2.140 1.977 205 5.349 4.169 4.169 1.133 19.876  per of Res. & C	7.2% 2.3% 5.3% 5.3% 4.4% 20.5% 4.3% 8.7% 14.4% Reside Res. Avg. Use Per Day 143 185 178 143 165 135 135 135 135 135	Kitty Hawi Southern Duck Collington Roanoke Kill Devil III Nag Head Manteo  04 Initial Peak to Average Ratio  6 2.765 2.765 2.765 2.2765 2.2810 2.2139 2.2388 2.211 2.2139 2.2511 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139 3.2139	Calculated Peak Day 902,137 1,341,176 1,053,005 814,056 74,862 1,544,674 1,321,447 338,131 7,369,489	93.1% 97.8% 95.0% 96.1% 80.8% 91.6% 92.0%  No. of * Comm. Accounts Jul-04  170 60 113 80 49 292 384 176 1,325 21,201	6.9% 2.2% 5.0% 3.9% 19.2% 8.4% 13.4% 8.0%  Turn Comm. Avg. Use Per Day  695 855 847 696 1,586 983 983 985	I-04   Peak to Average Ratio   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765	Average of Jul 92.9% 97.7% 94.8% 95.8% 80.2% 95.2% 91.4% 88.1% 91.8%  Calculated Peak Day  327,437 142,707 265,776 161,790 171,101 613,458 886,613 382,904 2,951,786  Est. Usage=	-02 & Dec-03 7. 2.: 5. 4.: 19.: 4. 8.: 13.: 6.  Total Calculated Peak Day 1,229,1,483,1,318,975,245,2,158,2,208,721,1
Jul-02    Kitty Hawk   Southern Shores   Southern Shores   Duck   Colington   Roanoke Island   Manteo   Avg.     Kitty Hawk   EST ESTIMATE FOR THIS SUMMER '04 PEAK DAY     Kitty Hawk   Southern Shores   3 Duck   Colington   5 Roanoke Island   6 Kill Devil Hills   7 Nags Head   8 Manteo   Total Numb   To	Res.  92.8% 97.7% 94.7% 95.6% 79.5% 95.7% 91.3% 85.6% 91.6%  1.3% 2.822 2.140 1.977 205 5.349 4.169 4.169 1.133 19.876  per of Res. & C	7.2% 2.3% 5.3% 4.4% 20.5% 4.3% 8.7% 14.4% 8.4%  Juli-Reside Res. Avg. Use Per Day  143 185 138 135 135 135 135 135 135 135 135 135 135	Kitty Hawi Southern Duck Collington Roanoke Kitl Devil Nag Head Manteo  04 ontial Peak to Average Ratio 2.765 2.765 2.765 2.765 2.2765 2.2751 2.211 2.2380 2.2348 2.211 2.2511 ounts =	Calculated Peak Day 902,137 1,341,176 1,053,005 814,056 74,862 1,544,674 1,321,447 338,131 7,389,489	93.1% 97.8% 95.0% 96.1% 80.8% 94.8% 91.6% 86.6% 92.0%  No. of * Comm. Accounts Jul-04 170 60 113 80 49 292 384 176 1,325 21,201	6.9% 2.2% 5.0% 3.9% 19.2% 8.4% 13.4% 8.0%  Turn Comm. Avg. Use Per Day  695 855 847 696 1,586 983 983 985	I-04   Peak to Average Ratio   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765   2.765	Average of Jul 92.9% 97.7% 94.8% 95.8% 80.2% 95.2% 91.4% 88.1% 91.8%  Calculated Peak Day  327,437 142,707 265,776 161,790 171,101 613,458 886,613 382,904 2,951,786  Est. Usage=	-02 & Dec-03 7. 2.: 5. 4.: 19.: 4. 8.: 13.: 6.  Total Calculated Peak Day 1,229,1,483,1,318,975,245,2,158,2,208,721,1
Jul-02    Kitty Hawk   Southern Shores   Southern Shores   Duck   Colington   Roanoke Island   Manteo   Avg.     Kitty Hawk   EST ESTIMATE FOR THIS SUMMER '04 PEAK DAY     Kitty Hawk   Southern Shores   3 Duck   Colington   5 Roanoke Island   6 Kill Devil Hills   7 Nags Head   8 Manteo   Total Numb   To	Res.  92.8% 97.7% 94.7% 95.6% 79.5% 91.3% 85.6% 91.6%  No. of * Res. Accounts Jul-04 2,822 2,140 1,977 205 5,349 4,169 1,133 19,876 ber of Res. & G	Comm.  7.2% 2.3% 5.3% 4.4% 20.5% 4.3% 8.7% 14.4% 8.4%  Juli- Reside Res. Avg. Use Per Day  143 165 135 135 135 135 135 135 135 135 135 13	Kitty Hawi Southern Duck Collington Roanoke Kill Devil Nag Head Manteo  O4 Intial Peak to Average Ratio  6 2.7656 2.7656 2.2656 2.2816 2.2116 2.2119 2.2511 2.2511 3.0015 = 0.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.0015 3.001	Calculated Peak Day 902,137 1,341,176 1,053,005 814,056 74,862 1,544,674 1,321,447 338,131 7,389,489	93.1% 97.8% 95.0% 96.1% 80.8% 94.8% 91.6% 86.6% 92.0%  No. of * Comm. Accounts Jul-04  170 60 113 80 49 292 384 176 1,325 21,201	6.9% 2.2% 5.0% 3.9% 19.2% 8.4% 13.4% 8.0%  Turn Comm. Avg. Use Per Day  695 855 847 696 1,586 983 983 985	-04 nercial   Peak to Average   Ratio   2.765   2.765   2.880   2.139   3.2.211   3.2.211   Total   Cocounts =	Average of Jul 92.9% 97.7% 94.8% 95.8% 80.2% 95.2% 91.4% 88.1% 91.8%  Calculated Peak Day  327,437 142,707 265,776 161,790 171,101 613,458 886,613 382,904 2,951,786  Est. Usage=	-02 & Dec-03 7. 2: 5. 4. 19. 4. 8. 13. 8.  Total Calculated Peak Day 1,229,1,483,4 1,318,975,245,2 2,158,2,208,721,1