HARBOUR HEADLINES

Colington Harbour Jetty Plans

The Board of the Association commissioned a study to evaluate the alignment of the jetties at the entrance to the harbor to determine if future maintenance and dredging expenses could be reduced. Board member Melissa McAllister and Association member Carl Miller have worked to use local resources to collect information to be used in the study. The report finds that the jetties are not functioning efficiently and there needs to be realignment, lengthening of the jetties or both to reduce the shoaling in the channel. The hydrographic survey performed by local specialists and historic sounding drawings from past dredge projects show the shoaling in the channel occurs predominantly from the north. Realigning the north jetty to be parallel with the south jetty will improve safe passage in the channel.

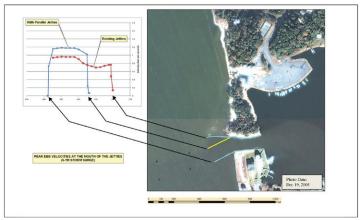


Colington Harbour Inlet Jetty

The following is an excerpt from a report prepared by William A. Dennis, PE for Colington Harbour Association, on ways to improve the entrance to the harbor.

The model results indicate that improvement in the efficiency of the jetty plan can be made with a parallel alignment. The more confined ebb jet has higher velocities that will in turn help scour away sediments at the entrance channel.

ALL ADS AND AD PAYMENTS MUST BE RECEIVED IN THE OFFICE NO LATER THAN FRIDAY, OCT. 15, 2010 TO BE INCLUDED IN THE NOV./DEC. 2010 ISSUE OF HARBOUR HEADLINES. IF THE CHA OFFICE DOES NOT RECEIVE PAYMENT FOR ADS BY THE DUE DATE, THEY WILL NOT BE PRINTED.



Peak Ebb Velocity at the Mouth of the Jetties - Parallel versus Existing Alignments

Dredging has become such a constant expense to the members of this community that is has moved from a capital item to a maintenance budget item. The Association has expended approximately \$27,000 per year to dredge and keep safe passage in the channel. Previous Board members and managers have been able to secure grant funding to cover 80% of those dredging expenses by agreeing to open our harbor to non-Association members. The grant funds are not available to private communities. Colington Harbour must submit a proposal requesting Dare County commissioners to be the actual applicant for the grant. The Association is fighting for the same funding that keeps the Oregon Inlet open. Unfortunately, the Oregon Inlet project has suffered significant budget cuts, and there is no money left for Colington Harbour dredging.

Four plans for the improvement of the jetties are presented in the report.

Plan 1 proposed rebuilding the jetties in their current location. The current width of the channel ranges from 85' at the bulkhead to 200' at the tip of the jetties. The existing flared alignment does not function well. Based on the finding of the report and input from local professionals, Plan 1 does not have the support of the Board.

Plan 2 proposes abandoning the existing north jetty and constructing a new north jetty aligned parallel to the existing south jetty. The space between the new jetty and the existing south jetty would be 120'. This alignment follows the best water depths from the channel to the sound. The new constant width channel will have an increased flow of the wind driven current, which will help scour the channel entrance from the sound.

(continued on page 2)

Colington Harbour Jetty Plans (Cont.)



Damaged Condition of the South Timber Jetty - April 23, 2010

Plan 3 has all the characteristics of Plan 2 with the addition of 200' in length to both the existing south jetty and the new north jetty. With this added jetty length and the increased flow of the wind driven current, more of the channel shoaling could be controlled.

Plan 4 has all the characteristics of Plan 3 with the addition of another 200' in length to both the existing south jetty and the new north jetty. Under this plan the maximum length of each jetty is 600'. The jetties would end at the outer channel markers "1" and "2" where the water reaches natural depths of approximately 6'. The plan could eliminate shoaling in the channel altogether. *(continued on page 3)*



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Jetty Findings/Recommendations

An engineering evaluation was accomplished to assess the jettied entrance to Colington Harbour and determine if any improvements could be made. Two primary issues were evaluated addressing the function of the jetty system and condition of the structures. The following bulleted items summarize the findings and recommendations of this report:

- Although the jettied entrance is located along the sound, the site is subject to rather large storm water levels and waves.
- An analysis of past hydrographic surveys reveals that shoaling in the channel occurs offshore a considerable distance, on the order of several existing jetty lengths. Therefore the present jetties are not functioning properly.
- The present jetty alignment, which is flared to open in a soundward direction, is inefficient. Parallel structures would improve the flow by confining and enhancing the ebb flow to promote the potential scour at the jettied entrance. This assertion is supported by model results of the inlet/sound system during wind-tide storm events.
- Realigning the north jetty to parallel the south jetty would provide the best option by taking advantage of the natural deep water towards the southwest and avoiding the major shoal region along the northern boundary of the existing navigation channel.
- Increasing the lengths of the jetties should also be considered along with the parallel alignment. Any increase beyond the present 200 feet would aid in reducing channel shoaling. A total length of 600 feet would be optimal in terms of design jetty efficiency but may be cost prohibitive.
- An alternative jetty stone design provides for a low maintenance option for the existing timber jetties. A 30yr design wave (3.3 % chance of occurrence in any year) provides for an appropriate level of design insuring low maintenance with reasonable initial cost.

 All design modifications would require a state/federal permit before implementation.

The full report is available online at CHA's new website (www. colingtonharbour.net). The Board wants to hear your comments or questions on these plan proposals. Please post your comments and questions online, or email them to Board member Melissa McAllister. In order for a project of this size to move forward, we need the support of the community. Please contact the manager or any Board member by phone, email or in person to voice you opinion on these plans.

Manager's Report



Summer is winding down on the Outer Banks, and children in the Harbour are already back in school. It seems like Fall ushers in winds of change every year, so to speak, and this Autumn is no different.

In response to a recent spike in crime over the summer, your Association is taking action. First, the Board has directed the formation of a new Community Watch Program to patrol and report any suspicious behavior within the Harbour.

Next, we're installing a bevy of video cameras at the main entrance guard gate. With both live feeds and backup recording capability, the Association's security personnel will be able to track vehicles and license plate numbers within our community, and relay this information to the authorities, as needed.

Finally, on the horizon, the Board is evaluating a new potential security system at the main entrance. This system features an automated barcode scanner that will scan and recognize vehicles as they enter the Harbour, and trigger a green light to permit entrance, or red light to signal an unauthorized vehicle.

If you're interested in serving on the new Community Watch Team, contact the CHA Property Supervisor, Deke Bolte today. If you have any other suggestions or comments about security, send us a letter to the editor from the new CHA website anytime.

R.E.M.

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Dear Editor:

I live inside of Colington Harbour, and I don't think we need a bike or walk trail. Instead, what we really need is for drivers in our subdivision to actually observe the speed limit (25 MPH).

Also, the enforcement at the guard gate is not happening. People drive in and out without stopping. They should be told to pull around to the other side of the guard house and fill out all necessary paperwork.

Last but not least, crime has been up lately. Since mid-June, we've had two incidents of items stolen from our yard, plus our car was broken into over the winter. We need our gate guards to patrol our subdivision, instead of sitting around and watching television. – Anonymous

The Colington Board and staff are in the process of installing multiple security cameras at the front gate. Additionally, the newly-organized Neighborhood Watch Program is up and running with over a dozen volunteers. If you'd like to lend a hand, contact Deke Bolte (252-441-5886) at the CHA office. – Editor

Dear Editor:

My wife recently took our 3-year-old daughter swimming at the sound front park. A sign asked parents to keep their children out of the water, due to risk of bacteria in the water. I'm glad that Colington Harbor Association is making the neighborhood aware of risk, but how long is this issue going to last? Do you have an idea of when the sound will re-open? I also see families/children swimming in the canal, is that safe or are they taking a risk? – R.J. Hutchins

Colington Harbour posts water quality warnings at the sound front park based upon North Carolina Department of Environment and Natural Resources (DENR) tests that are performed routinely throughout the Spring, Summer and Fall. A link to these test results is available online at the new CHA website (www.colingtonharbour.net).

According to the DENR, the danger level for harmful bacteria is 35 p.p.m.. When the running average ("geometric mean") of recent tests exceeds this level, the DENR posts a water quality warning,

and so does Colington Harbour. These levels often rise and fall dramatically during the summer, with the highest numbers often occurring directly after major rainfalls.

As for the canals, no tests are performed on them, so you're swimming at your own risk there. – Editor

Dear Editor:

I belong to Colington Harbour Association and live within the community. I'd like to know how much it would cost to rent the clubhouse for a wedding membership. Also, could I have an application mailed/emailed to me to fill out? – Anonymous

The clubhouse is available for event rentals to all CHA members, and discounted rates are offered to Yacht & Racquet Club members. The entire facility is available for \$500 (\$300 to Y&RC members) with a \$100 cleaning fee. Alternatively, you may opt to rent only the upstairs or downstairs for a reduced amount. Application forms with more details are available online at the new CHA website (www.colingtonharbour.net). – Editor



WANTED: Letters to the Editor

Have an issue you'd like to bring to the community's attention? Send an email to the Editor of Harbour Headlines at chamanager@embarqmail. com, and we may print your letter.

Dare County Crime

Blotter...



SUSPICIOUS CONDITION: On July 29, 2010, in Martins Point, at approximately 12:45 pm, a child was approached by an unknown male and told to "get in the car". The white male is described as older, balding, with grey and dark hair above the ears. The vehicle is described as a late model blue or silvery blue minivan, possibly a Chrysler or Dodge. If you have any information regarding this incident please contact Inv. Taylor with the Dare County Sheriffs Office at 475-9175.

BREAKING & ENTERING AUTO: During a two week period, approximately 10 vehicles in the Salvo area have been broken into. It appears that the suspect(s) were looking for cash as that was the only item taken from the unlocked vehicles.

BREAKING & ENTERING BUSINESS: The North Carolina Forestry Service reported a breaking and entering of their facility on Hwy 264 in Stumpy Point which occured sometime during the weekend of July 17-18. Taken from the bombing range workshop was a computer, monitor and printer.

BREAKING & ENTERING BOAT: Sometime during evening/early morning hours of July 13th/July 14th, several buildings, boats, and vehicles in Colington Harbour were painted with graffiti. The vandalism is reported to have occurred in the marina area, on Rhodoms Drive, and on Lee Court. Additionally, several fishing rods and reels were taken from one of the vandalized boats parked in the marina parking lot.

BREAKING & ENTERING AUTO: During the week of July 5th, 2010, several vehicles were broken into in the Salvo area. The vehicles were left unsecured at the time of the thefts. Taken from the vehicles were various items including cash, computers, wallets and credit cards.

BREAKING & ENTERING BUSINESS:

Sometime during the night of 6/6/10, unknown person(s) broke into the "Uglie Mugs" in Avon. Possibly entering through a window with an air conditioning unit, the suspect(s) stole money from several locations inside the business.

FRAUD: Over the last few weeks, several citizens in the Wanchese/Manteo area have received suspicious emails. These emails appear to be an attempt to extort or blackmail money from them. The emails instruct the recipient to wire money to locations overseas. These emails are fraudulent and should be reported to law enforcement immediately.

BREAKING & ENTERING RESIDENCE: Breaking, entering and larceny from three residence occurred in Rodanthe sometime between 05-22-10 and 05-28-10. The unknown person(s) entered the residence and removed all of the flat screen televisions. A total of 13 televisions were taken.

COLINGTON HARBOUR ASSOCIATION INC.

Website: www.colingtonharbour.net Phone: (252) 441-5886 1000 Colington Drive Email: chamanager@embarqmail.com Fax: (252) 441-7806 Kill Devil Hills, NC 27948-9578

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Plan ahead to escape home fire

What would you do if you woke up in the middle of the night and heard your smoke alarm ringing? How would you escape if there was a fire? What if that escape route was blocked? To answer each of these questions, you should have a preplanned and practiced escape plan. To help you develop an escape, the Colington Volunteer Fire Department would like to offer the following suggestions:

- Consider special needs. When developing an escape plan, remember that younger, older, or disabled people may need special assistance. Anyone with special needs should be located as close to an exit as possible. Train others in the home to give special assistance with evacuation.
- If you become trapped in smoke, crawl low, keeping your head down. Cleaner air is nearer to the ground.
- A closed door is a barrier that slows the spread of fire, smoke, and heat. Teach everyone to close doors behind them as they go outside. If you sleep with your bedroom door closed, install a smoke detector in the bedroom.





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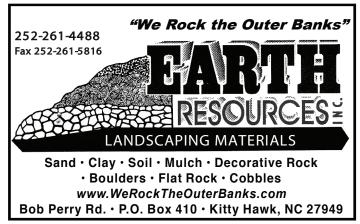
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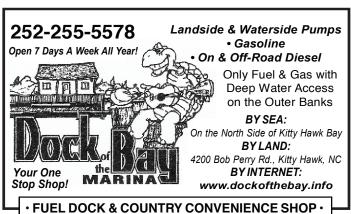
- If you cannot escape a burning building, try to stay in a room with an outside window and close the doors between you and the fire. If there is a telephone in the room, call the fire department and let them know your location. Stuff cracks around doors and vents with towels, sheets, etc. to help prevent smoke from entering the room. Hang a towel or sheet out the window to signal your location and need for assistance.
- Conduct fire drills often. Vary the drill by blocking an exit. This requires your family to use their "second way out" or by creating smoke signs requiring them to crawl low under the smoke.
- Check and maintain your smoke detectors. If they are more than 10 years old, most manufacturers suggest replacing them.

Protect Your Dreams... Volunteer.

The Colington Volunteer Fire Department has openings for Volunteer Firefighters. Call us at 441-6234, or look us up on the web at www.colingtonfd.com







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Colington Harbour Yacht & Racquet Club Seasonal Activities

CHY&RC is prepared to conduct recreational activity opportunities during Autumn, Winter, and Spring. We are hoping to have three ten (10) week sessions that will be made available to members of CHY&RC based on interest through pre-registration with minimum enrollment as specified for classes for members of CHY&RC.

If you are a member of CHY&RC and are interested in the classes listed below, send an email to: <u>activities@chyrc.org</u> or call 441-4938 and leave a message if you do not have email. Please include your name, phone number, email address, and membership number on the phone message and/or email message.

Fall Season Classes with minimum participation

Zumba Classes will be conducted by Sherrie Lemnios and will require a minimum class size of seven (7) people. ZUMBA is a Latin-inspired dance-fitness class that uses Latin and World music and dance movements, creating a fun and effective fitness system! You do not have to be a dancer to succeed at Zumba. The steps are easy to follow and are taught in a non-intimidating, party-like atmosphere. These classes are scheduled to begin on Thursday, Sept 16th. All classes will be held in the lower level of the Club House from 5:30PM until 6:30PM. The cost will be \$50 for ten classes. Please bring your check for the full session to the first class. If you are interested please send an email message to activities@chyrc.org now.

Yoga Classes will be conducted by Heather VanDermyde and will require a minimum class size of seven (7) people. These classes are scheduled to begin on Tuesday, Sept 14th from 5:30PM until 6:30PM. All classes will be held on Tuesdays for 10 weeks in the lower level of the Club House. The cost will be \$50.00

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for ten (10) classes. If you are interested please send an email message to <u>activities@chyrc.org</u> now.

Tennis Clinic/Lessons – We have been in touch with an instructor. We had 5 people sign up at the May 'Pig Pickin' with interest in tennis activities. The Instructor is willing to work with us on arranging evening and weekend activities. His suggestions now are \$15/person with 4 people to a class. After we have heard from each of you that is interested, final arrangements will be made and communicated. If you are interested, please send an email message to activities@chyrc.org now.

We have not been successful in finding a Ball Room Dance Instructor. If anyone can recommend an instructor who is willing to come and give lessons at the Club House we will be happy to begin Ball Room Dance Sessions in the Winter Season.

We are excited about being able to offer these opportunities, and the success of these activities will be based on your enthusiasm and participation. Please come and join the fun!!

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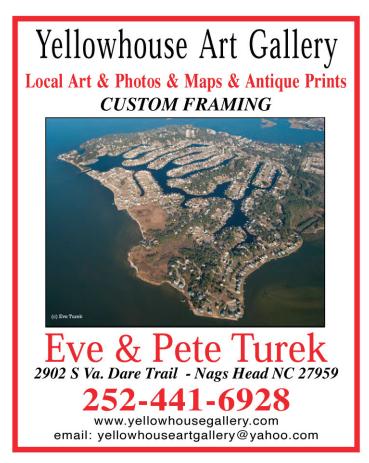
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