

**BURNT STORE ISLES
CANAL ADVISORY COMMITTEE
MEETING
MARCH 8, 2011**

- MEMBERS PRESENT: Gary Brewster, Chairman
Norman Ashworth,
Frank Wiechec
- MEMBERS ABSENT: Leslie Totten
Thomas Mays
- OTHERS PRESENT Rick Keeney, Public Works Director
Randy Brodersen, Canal Maintenance Supervisor
Mark Gering, City Engineer
Jim Thomson, CHEC

CALL TO ORDER/ANNOUNCEMENTS

- A. Roll Call
- B. Next Scheduled Meeting – Tuesday, April 12, 2011

APPROVAL OF MINUTES

- A. Regular Meeting – February 8, 2010
 - Mr. Ashworth MOVED, Mr. Wiechec SECONDED approval of the February 8, 2011 Minutes. MOTION CARRIED UNANIMOUSLY.

CANAL MAINTENANCE MONTHLY REPORTS

- A. Permits Authorized by City Staff – Installation of Docks, Lifts, Outpilings, etc.
 - Mr. Randy Brodersen, Canal Maintenance Supervisor, advised no permits had been issued in February 2011.
- B. Budget Utilization Report – February 2011
 - Mr. Brodersen displayed the February 2011 Budget Utilization Report, as delineated within the agenda material, offering to answer questions.
 - Mr. Brewster pointed out no seawall replacement work had been reported for the month of February, questioning same.
 - Mr. Brodersen explained permit issues with the Army Corp of Engineers had caused delays, assuring work would resume soon.

UNFINISHED BUSINESS

- A. Budget Preparation – FY 2011/2012
 - Mr. Rick Keeney, Public Works Director, reminded the Committee staff was working on the budget for Fiscal Year (FY) 2011/2012, offering to take suggestions for budget line items to be considered. He pointed out the Financial Planning Calendar, Fiscal Year 2012 was provided in the agenda material, explaining same. He stated the

Committee was scheduled to review the budget and make a recommendation to City Council at their May 10, 2011 meeting.

- Mr. Brodersen displayed the BSI 2010 Seawall Assessment Findings, as delineated in the agenda material, explaining the 6,504 feet of wall listed as “needs to be monitored” was seawall with cracks which staff determined not bad enough for replacement. He went on to review the 2011 Budgets BSI – considerations, as delineated in the agenda material, advising funds were flexible and could be transferred between cap and wall as needed.
- Mr. Brewster asked if there were any seawalls identified as needing to be replaced that had since fallen.
- Mr. Brodersen replied negatively.
- Mr. Keeney opined the current year’s budget appeared to be on track and able to fund repairs of identified walls and caps.

B. Water Testing Results from CHEC – Jim Thomson

- Mr. Jim Thomson introduced Mr. Jon Hubertz advising of his background with various Military and State and local agencies regarding environmental work. He also advised the water testing program was sponsored and funded by the Southwest Florida Water Management District (SWFWMD) and supported by the City and the City’s advisory committees.
- Mr. Jon Hubertz displayed a presentation of the Charlotte Harbor Environmental Center (CHEC) water sampling program, as delineated within the agenda material. He explained the testing process and commended the many dedicated volunteers. He stated nitrogen, phosphorus and chlorophyll totals were complete through 2009, results for 2010 were still pending but data appeared similar. He added the overall water quality values for Charlotte Harbor were good or fair according to the Conservancy of South West Florida.
- Mr. Brewster pointed out the high spike on the nitrogen graph at the Monaco Drive testing location, opining the spike could be due to rain runoff after heavy fertilization of the golf course. He questioned why the phosphorus levels did not reflect same.
- Mr. Hubertz replied reasons were unknown.
- Mr. Wiechec stated the Monaco Drive testing site was similar to a dead end and basically stagnant, opining the Candia Drive test results would provide a truer reading of that area. He questioned why the Monaco Drive site was chosen.
- Mr. Thomson responded there were no other locations with similar characteristics, suggesting a change of location be considered for better flow and less chance of false positive readings.

- Mr. Hubertz reviewed Common Sense Ideas for Water Quality, as delineated in the agenda material, further recommending participation in upcoming programs offered by CHEC relating to nutrient criteria and possible changes in same.
- Mr. Brewster asked what effect prop scars, as noted in the presentation, had on water quality.
- Mr. Hubertz replied prop scars were caused by boats cutting through and killing sea grass in shallow areas of the harbor, advising sea grass was the primary production area for marine life. He confirmed scarring of sea grass did not occur much in the canal system of BSI, also opining septic tank issues, as referenced in the presentation, were probably not specific to BSI.
- Mr. Brewster replied there was a substantial tidal flow in and out of Alligator Creek where several septic tanks existed, questioning the possible effects.
- Mr. Hubertz answered Fecal Coliform Bacteria measurements from septic tanks were not being monitored as same was not considered a problem in the area.
- Mr. Brewster questioned the probability of a ban being placed on fertilizer use stemming from data such as the high nitrogen levels reported at the Monaco Drive monitoring location.
- Mr. Hubertz opined monitoring and enforcement of such a ban would be difficult, particularly regarding individual usage, stating companies applying fertilizer generally followed their own better management practices.

STAFF COMMENTS

- Mr. Brodersen handed out the Compressive Strength of 4"x 8" Concrete Test Specimens, as delineated in the agenda material, offering an explanation of same.

COMMITTEE/BOARD COMMENTS

- Mr. Brewster questioned the significance of water clarity as measured in the Secchi values noted on the Data Interpretation Methods sheet within the agenda material.
- Mr. Hubertz replied it was when clarity was affected by algae blooms, as opposed to expected changes which occurred due to seasonal water levels.

ADJORNMENT

- Meeting Adjourned: 2:11 p.m.

Gary Brewster, Chairman

Perri Turner, Recording Secretary