

Section 2 – Financial Information

Item 2.02 Results of Operations and Financial Condition.

On October 24, 2007, Bay National Corporation issued a press release announcing its earnings for the quarter ended September 30, 2007.

Among other figures, the press release reports that core deposits rose to \$187.9 million at September 30, 2007. Core deposits, which management categorizes as all deposits other than national market certificates of deposit, deposits purchased through the certificate of deposit account registry service (CDARS) program and all but \$3.0 million in deposits from two accounts with highly variable balances, are closely monitored by management because they consider them not only a relatively stable source of funding but also reflective of the growth of commercial and consumer depository relationships.

The press release is furnished as Exhibit 99.1 hereto.

Section 9 – Financial Statements and Exhibits

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

99.1 Press Release dated October 24, 2007.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

BAY NATIONAL CORPORATION

Date: October 24, 2007

By: /s/ Hugh W. Mohler
Hugh W. Mohler, President
