

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

FORM 8-K

CURRENT REPORT

PURSUANT TO SECTION 13 OR 15(d) OF
THE SECURITIES EXCHANGE ACT OF 1934

Date of Report (Date of earliest event reported): October 17, 2005

SUFFOLK BANCORP

(Exact name of registrant as specified in its charter)

New York	0-13580	11-2708279
(State or other jurisdiction of incorporation or organization)	(Commission File Number)	(IRS Employer Identification No.)

4 West Second Street, Riverhead, New York	11901
(Address of principal executive offices)	(Zip Code)

Registrant's telephone number, including area code: (631) 727-5667

N/A

(Former name or former address, if changed since last report)

Item 2.02 Results of Operations and Financial Condition.

Attached as an exhibit is the Company's press release titled "Suffolk Bancorp Announces 16.7 Percent Increase in Third Quarter Earnings per Share," dated October 17, 2005.

SIGNATURE

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

SUFFOLK BANCORP

Dated October 17, 2005

By: /s/ Douglas Ian Shaw
Vice President & Corporate Secretary

EXHIBIT INDEX

99.1 Earnings release for the three months ended September 30, 2005, dated October 17, 2005.