## **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) August 29, 2005

**GREATER BAY BANCORP** 

(Exact name of registrant as specified in its charter)

California (State or other jurisdiction

0-25034 (Commission File Number) 77-0387041 (IRS Employer

of incorporation)

Identification No.)

1900 University Avenue, East Palo Alto, California (Address of principal executive offices)

94303 (Zip Code)

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

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- " Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- " Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- " Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

#### Item 1.01 Entry into a Material Definitive Agreement

On August 29, 2005, Greater Bay Bancorp (the Registrant ) entered into Amendment No. 1 to Credit Agreement (the Amendment ) with Wells Fargo Bank, National Association, as Agent, and the other lenders thereto. The Amendment clarifies that the Registrant may make investments that are permissible for national banks and includes a \$50 million limit on other types of investments, subject to certain conditions. A copy of the Amendment is included as Exhibit 10.1 hereto.

#### **Item 9.01 Financial Statements and Exhibits**

- (c) Exhibits
- Amendment No. 1 to Credit Agreement, dated as of August 29, 2005, by and among Greater Bay Bancorp, Wells Fargo Bank, National Association, as Agent, and the other lenders thereto.

#### **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.

GREATER BAY BANCORP

Date: September 1, 2005 By: /s/ Linda M. Iannone

Linda M. Iannone Senior Vice President, General Counsel and Secretary

### **Exhibit Index**

Exhibit No.	Description of Exhibit
10.1	Amendment No. 1 to Credit Agreement, dated as of August 29, 2005, by and among Greater Bay Bancorp, Wells Fargo Bank, National Association, as Agent, and the other lenders thereto