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 24, 2023 (October 24, 2023)

ENTERPRISE BANCORP, INC.

(exact name of registrant as specified in charter)

Massachusetts001-3391204-3308902(State or Other Jurisdiction of Incorporation)(Commission File Number)(IRS Employer Identification No.)

222 Merrimack Street Lowell, Massachusetts (address of principal executive offices)

01852

(Zip Code)

(978) 459-9000

(Registrant's telephone number, including area code)

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:

- 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))

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company o

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. o

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading symbol(s)	Name of each exchange on which registered
Common Stock, \$0.01 par value per share	<u>EBTC</u>	NASDAQ Stock Market



Item 2.02 Results of Operations and Financial Condition

On October 24, 2023, Enterprise Bancorp, Inc. issued a press release concerning its results of operations and financial condition at or for the three and nine months ended on September 30, 2023. A copy of this press release is included as Exhibit 99.1 to this report.

In accordance with General Instruction B.2 of Form 8-K, the information in Item 2.02 of this Current Report on Form 8-K, including Exhibit 99.1, shall not be deemed "filed" for the purposes of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to the liabilities of that section. The information in Item 2.02 of this Current Report on Form 8-K shall not be incorporated by reference into any filing or other document pursuant to the Securities Act of 1933, as amended, except as shall be expressly set forth by specific reference in such filing or document.

Item 9.01 Financial Statements and Exhibits

- (a) Not applicable
- (b) Not applicable
- (c) Not applicable
- (d) The following exhibit is included with this report:

Exhibit 99.1: Earnings press release dated October 24, 2023

Exhibit 104 Cover Page Interactive Data File (embedded within the Inline XBRL document)

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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.

ENTERPRISE BANCORP, INC.

October 24, 2023

By: /s/ Joseph R. Lussier
Joseph R. Lussier
Executive Vice President, Treasurer
and Chief Financial Officer