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): September 25, 2024

HANOVER BANCORP, INC.

(Exact name of registrant as specified in its charter)

New York (State or other jurisdiction of incorporation)

following provisions:

001-41384 (Commission File Number) 81-3324480 (IRS Employer Identification No.)

80 East Jericho Turnpike, Mineola, New York (Address of principal executive offices)

11501 (Zip Code)

Registrant's telephone number, including area code: (516) 548-8500

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

\square Written communications pursuant to Rule 425 under the Sec	curities 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))				
Securities registered pursuant to Section 12(b) of the Act:				
Title of each class	Trading symbol	Name of each exchange on which registered		
Common stock	HNVR	NASDAQ		

Indicate by check mark whether the registrant is an emergin			(0000 105 0.11
Indicate by about mark whather the registrant is an emergin	ag grounth componing of detined	in Dula 405 of the Committee Act of 1022	187711 1115 of this

chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter). Emerging growth company ⊠

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. \Box

Item 5.02 Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

(d)

- (1) On September 25, 2024, the Board of Directors (the "Board") of Hanover Bancorp, Inc. (the "Company") appointed Michael Thaden as a director of the Company, effective immediately. Mr. Thaden will serve with a term expiring at the Company's 2025 Annual Meeting of Shareholders. Also on September 25, 2024, Mr. Thaden was appointed to the Board of Directors (the "Bank Board") of Hanover Community Bank, the Company's wholly owned subsidiary bank (the "Bank").
- (2) Mr. Thaden was appointed to serve as the director representative for Castle Creek Capital Partners VIII, LP ("Castle Creek"), pursuant to that certain Exchange Agreement, dated as of April 24, 2024, by and between the Registrant and Castle Creek (the "Exchange Agreement"). Pursuant to the Exchange Agreement, Castle Creek is entitled to designate an appointee to the Board and Bank Board commencing upon its aggregate holdings of the Company's common stock and Series A Preferred Stock exceeding 865,000 shares, and terminating when Castle Creek, together with its respective affiliates, no longer owns, in the aggregate, 4.9% or more of all of the outstanding shares of the Company's common stock. Castle Creek has exceeded such ownership threshold.
- (3) Mr. Thaden has not yet been appointed to any committees of the Board of Directors of the Registrant.
- (4) There are no "related party transactions" between Mr. Thaden and the Registrant or the Bank which require disclosure.
- (5) There are no material plans, contracts or other arrangements (or amendments thereto) to which Mr. Thaden is a party, or in which he participates, that was entered into or amended, in connection with Mr. Thaden being appointed as a director of the Registrant and the Bank.

SIGNATURE

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.

HANOVER BANCORP, INC.

Date: September 25, 2024 By: /s/ Lance P. Burke

Lance P. Burke

Executive Vice President & Chief Financial Officer

(Principal Financial Officer)