

**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**

**November 8, 2017**  
(Date of Report (Date of Earliest Event Reported))

**EXTRA SPACE STORAGE INC.**  
(Exact Name of Registrant as Specified in Its Charter)

**Maryland**  
(State or Other Jurisdiction  
of Incorporation)

**001-32269**  
(Commission File Number)

**20-1076777**  
(IRS Employer  
Identification Number)

**2795 East Cottonwood Parkway, Suite 400**  
**Salt Lake City, Utah 84121**  
(Address of Principal Executive Offices)

**(801) 365-4600**  
(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 (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))

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

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.

**Item 8.01 Other Events.**

On November 8, 2017, the Board of Directors of Extra Space Storage Inc. (the “Company”) approved a share repurchase program authorizing, but not obligating, the repurchase of up to \$400 million of the Company’s common stock from time to time over the next three years. The Company expects to acquire shares through open market or privately negotiated transactions. The timing and amount of repurchase transactions will be determined by the Company’s management based on its evaluation of market conditions, share price, legal requirements and other factors. Repurchases are expected to be made from available cash on hand.

**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.

EXTRA SPACE STORAGE INC.

Date: November 13, 2017

By /s/ Gwyn G. McNeal

Name: Gwyn G. McNeal

Title: Executive Vice President and Chief Legal Officer