FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

| OMB APPROVAL | | | | | | | |
|--------------------------|-----------|--|--|--|--|--|--|
| OMB Number: | 3235-0287 | | | | | | |
| Estimated average burden | | | | | | | |
| hours per response: | 0.5 | | | | | | |

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| Name and Address of Reporting Person* Van Mourick Mark | | | | | 2. Issuer Name and Ticker or Trading Symbol National Storage Affiliates Trust [NSA] | | | | | | | (Check | Relationship of Reporting Person(s) (Check all applicable) X Director | | | | ner | |
|---|--|---|----------|-------------------------------|---|--|---|------------------|--|--------------------|---|-----------------|--|---|--------------------------------------|--|---------------------------------------|--|
| (Last) | , | rst) | (Middle) | | 3. Date of Earliest Transaction (Month/Day/Year) 02/27/2023 | | | | | | | | | Officer (give title below) | | | 10% Owner Other (specify below) | |
| C/O NATIONAL STORAGE AFFILIATES TRUST 8400 EAST PRENTICE AVENUE, 9TH FLOOR | | | | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | 6. Indivi | ividual or Joint/Group Filing (Check Applicable Line) Form filed by One Reporting Person | | | | |
| (Street) GREENW VILLAGE | () | 0 | 80111 | | | | | | | | | | | Form filed | by More t | han Or | ne Reporting | g Person |
| (City) | (Si | ate) | (Zip) | | | | | | | | | | | | | | | |
| | Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned | | | | | | | | | | | | | | | | | |
| Date | | | | 2. Transa Date (Month/D | th/Day/Year) Execution if any | | 2A. Deemed Execution Date, if any (Month/Day/Year) | | | | ities Acquired (A) or d Of (D) (Instr. 3, 4 and | | | 5. Amount of Securities Beneficially Following R Transaction | y Owned Form or Inc | | Direct (D) rect (I) 4) | 7. Nature of Indirect Beneficial Ownership |
| | | | | | | | | Code V Amou | | Amount | (A) or (D) | | rice | (Instr. 3 and | | | | (Instr. 4) |
| | Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) | | | | | | | | | | | | | | | | | |
| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | xercise (Month/Day/Year) if any Code (Instr. Securities Acquires of vative (Month/Day/Year) 8) (A) or Disposed (D) (Instr. 3, 4 a | | | | e s Acquired sposed of | | | | | | ying Derivative | | Securities Beneficially Owned Following | | of 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | Beneficial Ownership (Instr. 4) | |
| | | | | Code | v | (A) | (D) | Date Exercisa | | Expiration Date | Title | | ount or ober of res | | Reported Transactio (Instr. 4) | | | |
| Class B OP Units, Series OV ⁽¹⁾ | (1)(2) | 02/27/2023 | | М | | | 32,796 ⁽²⁾ | (1)(2)(3) | | (4) | Class A OP Units | 32,7 | 796(5)(6) | \$0 | 0(5)(6) | | I | See Footnote ⁽³⁾ |
| Class A OP Units ⁽¹⁾ | (2) | 02/27/2023 | | М | | 95,036 ⁽²⁾ | | (3) | | (4) | Common shares of beneficial interest, \$0.01 par value | 95,0 | 036(5)(6) | \$0 | 254,185 ⁽ | 5)(6) | I | See Footnote ⁽³⁾ |

Explanation of Responses:

- 1. Pursuant to the agreement of limited partnership of NSA OP, LP (the "Partnership"), following a two-year lock-out period, a holder of Class B common units of limited partner interest, Series OV ("Class B OP Units") may elect a voluntary conversion ("Voluntary Conversion") upon the achievement of certain performance thresholds relating to the properties to which such Class B OP Units relate one time each year prior to December 1st to convert a predetermined portion of Class B OP Units into Class A common units of limited partner interest ("Class A OP Units") in the Partnership.
- 2. Such Voluntary Conversion is effective January 1st of the following year with each Class B OP Unit being converted into the number of Class A OP Units determined by dividing the average cash available for distribution per unit on the series of specific Class B OP Units over the one-year period prior to the conversion effective date by 110% of the cash available for distribution per unit on the Class A OP Units determined over the same period.
- 3. The Reporting Person made an election prior to December 1, 2022 with respect to a Voluntary Conversion of 32,796 Class B OP Units held by Van Mourick Diversified LP for the which the Reporting Person has or shares voting and investment power. Following the completion of the audit of National Storage Affiliates Trust (the "Issuer"), the Issuer notified the Reporting Person on February 27, 2023 that such Class B OP Units converted into 95,036 Class A OP Units effective January 1, 2023. The Reporting Person has the right to cause the Partnership to redeem all or a portion of the Reporting Person's Design Person's Design of the Common shares of beneficial interest ("Shares") of Issuer, or at the Issuer's option, Shares on a one-for-one basis, subject to certain adjustments.
- 4. N/A
- 5. The Reporting Person owns no Class B OP Units following the reported transaction above. The Reporting Person's total direct and indirect beneficial ownership of Class A OP Units following the reported transactions above is 254,185, which includes those Class A OP Units previously reported and the Class A OP Units reported therein).
- 6. This filing shall not be deemed to be an admission that the Reporting Person is the beneficial owner of any of the securities reported herein, and the Reporting Person disclaims beneficial ownership of such securities except to the extent of the Reporting Person's pecuniary interest therein.

Remarks:

Mark Van Mourick, by Jason Parsont, his Attorney-in-fact

03/01/2023

** Signature of Reporting Person

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

- * If the form is filed by more than one reporting person, see Instruction 4 (b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.