TORTOISE MLP FUND, INC. Form SC 13G/A February 13, 2018

> UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

> > SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No.4) *

TORTOISE MLP FUND, INC.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

89148B101

(CUSIP Number)

December 29, 2017

(Date Of Event which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- [x] Rule 13d-1(b)
- [] Rule 13d-1(c)
- [] Rule 13d-1(d)

* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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 control number.

SEC 1745 (3-06)

| CUSIP | No.89148B10 | 1 | | 13G | Page 2 | 2 of 8 Pages | | |
|----------|---|-------|-------------------------|-----------------------|------------------|--------------|--|--|
| 1. | NAME OF REPORTING PERSON: I.R.S. IDENTIFICATION NO. OF ABOVE PERSON: | | | | | | | |
| | Morgan Sta I.R.S. # 3 | | 5972 | | | | | |
| 2. | CHECK THE | APPRC | PRIATE BOX | IF A MEMBER OF A GRO | DUP: | | | |
| | (a) [] | | | | | | | |
| | (b) [] | | | | | | | |
| 3. | SEC USE ON | LY: | | | | | | |
| 4. | CITIZENSHI | P OR | PLACE OF OF | RGANIZATION: | | | | |
| NIIM | | | SOLE VOTIN | JC POWER. | | | | |
| S | NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH: | | 0 | | | | | |
| OW | | | SHARED VOI 3,340,656 | FING POWER: | | | | |
| P | | | SOLE DISPO 0 | DSITIVE POWER: | | | | |
| | | 8. | SHARED DIS 2,036,820 | SPOSITIVE POWER: | | | | |
| 9. | AGGREGATE 3,429,413 | AMOUN | T BENEFICIA | ALLY OWNED BY EACH RI | EPORTING PERSON: | | | |
| 10. | CHECK BOX [] | IF TH | E AGGREGATE | E AMOUNT IN ROW (9) H | EXCLUDES CERTAIN | SHARES: | | |
| 11. | PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9): 7.2% | | | | | | | |
| | TYPE OF RE HC, CO | PORTI | NG PERSON: | | | | | |
| | | | | | | | | |
| CUSIP | No.89148B10 | 1 | | 13G | Page 3 | 3 of 8 Pages | | |
| 1. | NAME OF RE I.R.S. IDE | | | OF ABOVE PERSON: | | | | |
| | Morgan Sta I.R.S. # 2 | | Smith Barne 0844 | ey LLC | | | | |
| 2. | CHECK THE | APPRC | PRIATE BOX | IF A MEMBER OF A GRO | | | | |

| | (a) | [] | | | | | | |
|------------------------------|--------------|--------|---------------------------------|--|----------------------------------|---------------|-----------|--------------|
| | (b) | [] | | | | | | |
| 3. | SEC | USE | ONLY: | | | | | |
| 4. | CITI | ZENS | HIP OR P | LACE OF ORG | ANIZATION: | | | |
| | Dela | ware | | | | | | |
| | | | | 0 | POWER: | | | |
| | | | 6. | <pre>6. SHARED VOTING POWER: 3,337,456</pre> | | | | |
| REPORTING PERSON WITH: | | | 7. SOLE DISPOSITIVE POWER: 0 | | | | | |
| | | | | SHARED DISP(2,033,620 | OSITIVE POWER: | | | |
| 9. | | REGAT: | | BENEFICIAL | LY OWNED BY EAC | CH REPORTING | PERSON: | |
| | CHEC [] | ск во | X IF THE | AGGREGATE 2 | AMOUNT IN ROW (| 9) EXCLUDES | CERTAIN | SHARES: |
| | PERC 7.2% | | OF CLASS | REPRESENTE | D BY AMOUNT IN | ROW (9): | | |
| 12. | TYPE BD | OF | REPORTIN | G PERSON: | | | | |
| | | | | | | | | |
| CUSIP 1 | No.89 | 148B | 101 | | 13G | | Page | 4 of 8 Pages |
| Item 1 | • | (a) | Name | of Issuer: | | | | |
| | | | TORTO | ISE MLP FUNI | D, INC. | | | |
| | | (b) | Addre | ss of Issue | r's Principal E | xecutive Of: | fices: | |
| | | | LEAWO | ASH STREET, OD KS 66211 D STATES | | | | |
| Item 2 | | (a) | Name | of Person F | | | | |
| | | | | organ Stanle organ Stanle | ey ey Smith Barney | LLC | | |
| | | (b) | Addre | ss of Princ | ipal Business C | office, or is | f None, i | Residence: |
| | | | | | y New York, NY y New York, NY | 10036 | | |
| | | (c) | Citiz | enship: | | | | |

| | | <pre>(1) Delaware. (2) Delaware.</pre> | | | | | | |
|-----------|--|--|---|--------------------------|--|--|--|--|
| | (d) | Title | itle of Class of Securities: | | | | | |
| | | Commo | non Stock | | | | | |
| | (e) | CUSIP | Number: | | | | | |
| | | 89148B101 | | | | | | |
| Item 3. | | | tement is filed pursuant to Section) or (c), check whether the person | | | | | |
| | (a) [: | | oker or dealer registered under Se 5 U.S.C. 78o). | ection 15 of the Act | | | | |
| | (b) [| | nk as defined in Section 3(a)(6) o 5 U.S.C. 78c). | of the Act | | | | |
| | (c) [| | surance company as defined in Sect 5 U.S.C. 78c). | tion 3(a)(19) of the Act | | | | |
| | (d) [| - | vestment company registered under vestment Company Act of 1940 (15 G | | | | | |
| | (e) [| - | <pre>investment adviser in accordance 0.13d-1(b)(1)(ii)(E);</pre> | with Sections | | | | |
| | (f) [| | employee benefit plan or endowmer th Section 240.13d-1(b)(1)(ii)(F); | | | | | |
| | (g) [: | | parent holding company or control th Section 240.13d-1(b)(1)(ii)(G); | | | | | |
| | (h) [| | savings association as defined in deral Deposit Insurance Act (12 U. | | | | | |
| | (i) [| in | church plan that is excluded from vestment company under Section 3(c vestment Company Act of 1940 (15 t | c)(14) of the | | | | |
| | (j) [|] Gr | oup, in accordance with Section 24 | 40.13d-1(b)(1)(ii)(J). | | | | |
| CUSIP No. | | | 13G | Page 5 of 8 Pages | | | | |
| Item 4. | Owners | hip as | of December 29, 2017.* | | | | | |
| | (a) Amount beneficially owned: See the response(s) to Item 9 on the attached cover page(s). | | | | | | | |
| | (b) Percent of Class: See the response(s) to Item 11 on the attached cover page(s). | | | | | | | |
| | (c) Number of shares as to which such person has: | | | | | | | |
| | (i) | Sol | e power to vote or to direct the v | vote: | | | | |

See the response(s) to Item 5 on the attached cover page(s).

- (ii) Shared power to vote or to direct the vote:See the response(s) to Item 6 on the attached cover page(s).
- (iii) Sole power to dispose or to direct the disposition of: See the response(s) to Item 7 on the attached cover page(s).
- (iv) Shared power to dispose or to direct the disposition of:See the response(s) to Item 8 on the attached cover page(s).
- Item 5. Ownership of Five Percent or Less of a Class.

Not Applicable

Item 6. Ownership of More Than Five Percent on Behalf of Another Person.

Not Applicable

Item 7. Identification and Classification of the Subsidiary which Acquired the Security Being Reported on By the Parent Holding Company.

See Exhibit 99.2

Item 8. Identification and Classification of Members of the Group.

Not Applicable

Item 9. Notice of Dissolution of Group.

Not Applicable

Item 10. Certification.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

* In Accordance with the Securities and Exchange Commission Release No. 34-39538 (January 12, 1998) (the "Release"), this filing reflects the securities beneficially owned, or that may be deemed to be beneficially owned, by certain operating units (collectively, the "MS Reporting Units") of Morgan Stanley and its subsidiaries and affiliates (collectively, "MS"). This filing does not reflect securities, if any, beneficially owned by any operating units of MS whose ownership of securities is disaggregated from that of the MS Reporting Units in accordance with the Release.

 CUSIP No.89148B101
 13G
 Page 6 of 8 Pages

Signature

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

| Date: | February 12, 2018 | | | | |
|-------------|--|------|--|--|--|
| Signature: | /s/ Claire Thomson | | | | |
| Name/Title: | Claire Thomson/Authorized Signatory, Morgan Stanley MORGAN STANLEY | | | | |
| Date: | February 12, 2018 | | | | |
| Signature: | /s/ David Galasso | | | | |
| Name/Title: | : David Galasso/Authorized Signatory, Morgan Stanley Smith Barney LLC | | | | |
| | Morgan Stanley Smith Barney LLC | | | | |
| EXHIBIT NO. | EXHIBITS | PAGE | | | |
| 99.1 | Joint Filing Agreement | 7 | | | |
| 99.2 | Item 7 Information | 8 | | | |

* Attention. Intentional misstatements or omissions of fact constitute federal criminal violations (see 18 U.S.C. 1001).

 CUSIP No.89148B101
 13G
 Page 7 of 8 Pages

EXHIBIT NO. 99.1 TO SCHEDULE 13G JOINT FILING AGREEMENT

February 12, 2018

MORGAN STANLEY and Morgan Stanley Smith Barney LLC

hereby agree that, unless differentiated, this

Schedule 13G is filed on behalf of each of the parties.

MORGAN STANLEY

BY: /s/ Claire Thomson Claire Thomson/Authorized Signatory, Morgan Stanley Morgan Stanley Smith Barney LLC BY: /s/ David Galasso

David Galasso/Authorized Signatory,

Morgan Stanley Smith Barney LLC

* Attention. Intentional misstatements or omissions of fact constitute federal criminal violations (see 18 U.S.C. 1001).

CUSIP No.89148B101 13G Page 8 of 8 Pages

EXHIBIT NO. 99.2

ITEM 7 INFORMATION

The securities being reported on by Morgan Stanley as a parent holding company are owned, or may be deemed to be beneficially owned, by Morgan Stanley Smith Barney LLC, a wholly-owned subsidiary of Morgan Stanley.