### BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND Form SC 13G/A February 17, 2015

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No.2) \*

BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND

\_\_\_\_\_

(Name of Issuer)

Common Stock

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(Title of Class of Securities)

09254P108

\_\_\_\_\_

(CUSIP Number)

December 31, 2014

\_\_\_\_\_

(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)

| USIP | No.09254P1  | 08        | 13G                            |                   | Page 2 of 8 Pages |  |  |
|------|---|-----------|--------------------------------|-------------------|-------------------|--|--|
| 1.   | NAME OF REPORTING PERSON:<br>I.R.S. IDENTIFICATION NO. OF ABOVE PERSON: |           |                                |                   |                   |  |  |
|      | Morgan St<br>I.R.S. #3  |           |                                |                   |                   |  |  |
| 2.   | CHECK THE   | APPROPR   | ATE BOX IF A MEMBER            | OF A GROUP:       |                   |  |  |
|      | (a) []  |           |                                |                   |                   |  |  |
|      | (b) [ ]   |           |                                |                   |                   |  |  |
| 3.   | SEC USE C   | NLY:      |                                |                   |                   |  |  |
| 4.   |   |           | CE OF ORGANIZATION:            |                   |                   |  |  |
|      | BER OF  |           | DLE VOTING POWER:              |                   |                   |  |  |
| S    | HARES<br>FICIALLY   | 2         | 440,352                        |                   |                   |  |  |
| OW   | NED BY<br>EACH<br>ORTING  |           | ARED VOTING POWER:<br>3,790    |                   |                   |  |  |
| P    | ERSON<br>WITH:  | 7. S<br>0 | LE DISPOSITIVE POWE            | ER:               |                   |  |  |
|      |   |           | ARED DISPOSITIVE PC<br>518,017 |                   |                   |  |  |
| 9.   | AGGREGATE<br>3,301,807  |           | ENEFICIALLY OWNED H            | 3Y EACH REPORTING | G PERSON:         |  |  |
| 10.  | СНЕСК ВОХ   | IF THE    | .GGREGATE AMOUNT IN            | ROW (9) EXCLUDES  | S CERTAIN SHARES: |  |  |
|      | []  |           |                                |                   |                   |  |  |
| 11.  | PERCENT C<br>8.7%   | F CLASS   | EPRESENTED BY AMOUN            | JT IN ROW (9):    |                   |  |  |
| 12.  | TYPE OF R<br>HC, CO   |           | PERSON:                        |                   |                   |  |  |
|      |   |           |                                |                   |                   |  |  |
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| 1.   | NAME OF REPORTING PERSON:<br>I.R.S. IDENTIFICATION NO. OF ABOVE PERSON: |           |                                |                   |                   |  |  |
|      | Morgan St<br>I.R.S. #   |           | th Barney LLC<br>4             |                   |                   |  |  |

| 2.     | CHECI   | K THE          | APPRO  | PRIATE BOX IF A MEMBER OF A GROUP:                |       |        |           |  |
|--------|---|----------------|--|---|-------|--------|-----------|--|
|        | (a)   | []             |  |   |       |        |           |  |
|        | (b)   | []             |  |   |       |        |           |  |
| 3.     | SEC (   | USE OI         |  |   |       |        |           |  |
| 4.     |   |                |  | PLACE OF ORGANIZATION:                            |       |        |           |  |
|        | The s   | state          | of or  | ganization is Delaware.                           |       |        |           |  |
| S      | NUMBER OF<br>SHARES<br>BENEFICIALLY<br>OWNED BY<br>EACH<br>REPORTING<br>PERSON<br>WITH: |                | 5.   | SOLE VOTING POWER:<br>2,440,352                   |       |        |           |  |
| OW     |   |                |  | SHARED VOTING POWER:<br>783,790                   |       |        |           |  |
| P      |   |                |  | SOLE DISPOSITIVE POWER:<br>0                      |       |        |           |  |
|        |   |                | 8.   | SHARED DISPOSITIVE POWER: 2,518,017               |       |        |           |  |
| 9.     |   | EGATE<br>1,807 | ATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON:<br>807 |   |       |        |           |  |
| 10.    | CHECI   | <br>K BOX      | IF TH  | IE AGGREGATE AMOUNT IN ROW (9) EXCLUDES           | CERTA | IN SHA | <br>Ares: |  |
|        | [ ]   |                |  |   |       |        |           |  |
| 11.    | PERCI<br>8.7%   | ENT OF         | CLAS   | S REPRESENTED BY AMOUNT IN ROW (9):               |       |        |           |  |
| 12.    | TYPE<br>BD  | OF RI          | EPORTI   | ING PERSON:                                       |       |        |           |  |
|        |   |                |  |   |       |        |           |  |
|        |   |                |  |   |       |        |           |  |
| CUSIP  | No.092  | 254P1(         | )8   | 13G   | Page  | 4 of   | 8 Pages   |  |
| Item 1 | •   | (a)            | Name   | e of Issuer:                                      |       |        |           |  |
|        |   |                | BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND                 |   |       |        |           |  |
|        | (b)   |                | Address of Issuer's Principal Executive Offices:               |   |       |        |           |  |
|        |   |                |  | BELLEVUE PARKWAY<br>MINGTON DE 19809              |       |        |           |  |
| Item 2 | 2. (a)  |                | Name   | e of Person Filing:                               |       |        |           |  |
|        |   |                |  | Morgan Stanley<br>Morgan Stanley Smith Barney LLC |       |        |           |  |
|        |   | (b)            | Addr   | ress of Principal Business Office, or if          | None  | , Resi | idence:   |  |

|           |   |     | ) 1585 Broadway<br>New York, NY 10036<br>) 1585 Broadway<br>New York, NY 10036                       |                    |  |  |  |
|-----------|---|-----|--|--------------------|--|--|--|
|           | (c)   | Cit | Citizenship:   |                    |  |  |  |
|           |   |     | ) The state of organization is Delaware.<br>) The state of organization is Delaware.                 |                    |  |  |  |
|           | (d)   | Ti  | tle of Class of Securities:  |                    |  |  |  |
|           |   | Сог | Common Stock   |                    |  |  |  |
|           | (e)   | CU  | CUSIP Number:  |                    |  |  |  |
|           |   | 092 | 09254P108  |                    |  |  |  |
| Item 3.   |   |     | statement is filed pursuant to Sections 24<br>2(b) or (c), check whether the person fili             |                    |  |  |  |
|           | (a)   | [x] | Broker or dealer registered under Section<br>(15 U.S.C. 780).<br>Morgan Stanley & Co. Incorporated   | 15 of the Act      |  |  |  |
|           | (b)   | []  | Bank as defined in Section 3(a)(6) of the (15 U.S.C. 78c).   | Act                |  |  |  |
|           | (c)   | []  | <pre>Insurance company as defined in Section 3 (15 U.S.C. 78c).</pre>                                | (a)(19) of the Act |  |  |  |
|           | (d)   | []  | Investment company registered under Secti<br>Investment Company Act of 1940 (15 U.S.C.               |                    |  |  |  |
|           | (e)   | []  | An investment adviser in accordance with 240.13d-1(b)(1)(ii)(E);                                     | Section            |  |  |  |
|           | (f)   | []  | An employee benefit plan or endowment fun-<br>with Section 240.13d-1(b)(1)(ii)(F);                   | d in accordance    |  |  |  |
|           | (g)   | [x] | A parent holding company or control person<br>with Section 240.13d-1(b)(1)(ii)(G);<br>Morgan Stanley | n in accordance    |  |  |  |
|           | (h)   | []  | A savings association as defined in Secti<br>Federal Deposit Insurance Act (12 U.S.C.                |                    |  |  |  |
|           | <ul><li>(i) [ ] A church plan that is excluded from the definition<br/>investment company under Section 3(c)(14) of the<br/>Investment Company Act of 1940 (15 U.S.C. 80a-3);</li></ul> |     |  |                    |  |  |  |
|           | (j)   | []  | Group, in accordance with Section 240.13d  | -1(b)(1)(ii)(J).   |  |  |  |
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Item 4. Ownership as of December 31, 2014.\*

(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:
  - Sole power to vote or to direct the vote: (i) 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).
- Ttem 5. Ownership of Five Percent or Less of a Class.

Not Applicable

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

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

Certification. Item 10.

> By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and 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.

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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 17, 2015
- Signature: /s/ Cesar Coy
- Date: February 17, 2015
- Signature: /s/ Tim Cole

| 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).

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EXHIBIT NO. 99.1 TO SCHEDULE 13G JOINT FILING AGREEMENT

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### February 17, 2015

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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/ Cesar Coy Cesar Coy/Authorized Signatory, MORGAN STANLEY MORGAN STANLEY SMITH BARNEY LLC BY: /s/ Tim Cole Tim Cole/Authorized Signatory, MORGAN STANLEY SMITH BARNEY LLC

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

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 broker dealer registered under Section 15 of the Securities Exchange Act of 1934, as amended.