PIONEER MUNICIPAL HIGH INCOME TRUST Form SC 13G February 14, 2018

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549 SCHEDULE 13 G Under the Securities Exchange Act of 1934 Pioneer Municipal High Income Trust (MHI)

(Name of Issuer) Preferred

(Title of Class of Securities) 723763207 723763306

(CUSIP Number) December 31, 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:

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 Rule 13d-1(b)</th></tr><tr><td> Rule 13d-1(c)</td></tr><tr><td> Rule 13d-1(d)</td></tr><tr><td>CUSIP No.: 723763207 723763306</td></tr><tr><td>1. Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only). Karpus Management, Inc., d/b/a Karpus Investment Management I.D. #16-1290558</td></tr><tr><td>2. Check the Appropriate Box if a Member of a Group (See Instructions) (a) (b) X</td></tr><tr><td>3. SEC Use Only</td></tr><tr><td>4. Citizenship or Place of Organization New York</td></tr><tr><td>Number of Shares Beneficially Owned by Each reporting Person With:</td></tr><tr><td>5. Sole Voting Power 373 6. Shared Voting Power N/A 7. Sole Dispositive Power 373 8. Shared Dispositive Power N/A</td></tr><tr><td>9. Aggregate Amount Beneficially Owned by Each Reporting Person 373</td></tr><tr><td>10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) N/A</td></tr><tr><td>11. Percent of Class Represented by Amount in Row (9) 9.23%</td></tr><tr><td>12. Type of Reporting Person (See Instructions) IA</td></tr></tbody></table>

Item 1.

- (a) <u>The Name of the Issuer is \$458</u> Pioneer Investment Management (b) <u>The Address of the Issuer \$4145s Principal Executive Office is \$458</u> 60 State Street, Boston, MA 02109 Item 2.
- (a) The name of the Person Filing is \$#58 Karpus Management, Inc., d/b/a Karpus Investment Management \$#40\$#147KIM\$#148\$#41,.
- (b) The address of KIM’s principal place of business and principal office is: 183 Sully’s Trail, Pittsford, New York 14534.
- (c) <u>Citizenship:</u> Each of the Principals is a United States citizen. KIM is a New York corporation. (d) <u>Title of Class of Securities:</u> Preferred (e) <u>CUSIP Number:</u> 723763207 723763306 Item 3. If this statement is filed pursuant to § § 240.13d – 1 (b) or 240.13d – 2 (b) or (c), check whether the person filing is a:

(a)  Broker or dealer registered under section 15 of the Act (15 U.S.C. 780). (b)  Bank as defined in section 3 (a) (6) of the Act (15 U.S.C. 78c). (c)  Insurance company as defined in section 3 (a) (6) of the Act (15 U.S.C. 78c). (d)  Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80 – a). (e)  An investment adviser in accordance with § 240.13d– 1 (b) (1) (E). (f)  An employee benefit plan or endowment fund in accordance with #167 240.13d– 1 (b) (I) (II) (II (F). (F). (F)) (F)))))

(i) Sole power to vote or to direct the vote: 373 shares (ii) Shared power to vote or to direct the vote: N/A (ii) Sole power to dispose or to direct the disposition of: 373 shares (iv) Shared power to dispose or to direct the disposition of: Item 5. Ownership of Five Percent of Less of a Class. If this statement is being filed to report the fact that as of the date herof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following:

. Item 6. Ownership of More than Five Percent on Behalf of Another Person. Accounts managed by KIM (the "Accounts") have the right to receive all dividends from, and any proceeds from the sale of the shares. None of the Accounts has an interest in shares constituting more than 5% of the shares outstanding. Item 7. Identification and Classification of the Subsidiary Which Acquired the Security being Reported on by the Parent Holding Company. Not applicable. 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 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.

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.

Karpus Management, Inc.

By: /s/

Name: Daniel Lippincott

Title: Senior Tax-Sensitive Manager

Date: February 14, 2018