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PIONEER MUNICIPAL HIGH INCOME TRUST

Form NSAR-B

June 26, 2015

PAGE 1
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000 F000000 Y
000 G000000 N
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001 C000000 6177427825
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002 C000000 MA
002 D010000 02109
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010 C010002 BOSTON
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011 A000001 PIONEER FUNDS DISTRIBUTOR, INC.
011 B000001 8-41256
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011 C030001 02109
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011 A000002 UBS INVESTMENT BANK
011 B000002 8-022651
011 C010002 STAMFORD
011 C020002 CT

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011 C030002 06901
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011 B000003 8-045411
011 C010003 MINNEAPOLIS
011 C020003 MN
011 C030003 55402
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011 A000004 ADVEST, INC.
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011 A000005 JANNEY MONTGOMERY SCOTT, LLC
011 B000005 8-462
011 C010005 PHILADELPHIA
011 C020005 PA
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011 A000006 MCDONALD INVESTMENTS, INC.
011 B000006 8-30177
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011 C020006 OH
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011 A000007 STIFEL, NICOLAUS & CO., INC.
011 B000007 8-001447
011 C010007 ST. LOUIS
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012 A000001 PIONEER INVEST. MGT. SHAREHOLDER SVCS., INC.
012 B000001 85-01359
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012 A000002 AMERICAN STOCK TRANSFER & TRUST CO. (COMMON)
012 B000002 85-00000
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012 A000003 DEUTSCHE BANK TRUST COMPANY AMERICAS (PREF)
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013 A000001 DELOITTE & TOUCHE LLP
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015 D010002 ARGENTINA
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015 A000003 HSBC BANK AUSTRALIA LIMITED
015 B000003 S

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015 C010003 SYDNEY
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015 C010006 PANTIN
015 D010006 BELGIUM
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015 A000007 NORDEA BANK FINLAND PLC
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015 C010007 HELSINKI
015 D010007 ESTONIA
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015 A000015 CITIBANK EUROPE PLC, ORGANIZACNI SLOZKA
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015 A000022 HSBC BANK PLC, ATHENS BRANCH
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015 D010022 GREECE
015 E040022 X
015 A000023 STANDARD CHARTERED BANK (HONG KONG) LIMITED
015 B000023 S
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015 A000024 CITIBANK EUROPE PLC, HUNGARIAN BRANCH OFFICE
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015 A000026 CITIBANK, N.A., JAKARTA BRANCH
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015 D010026 INDONESIA
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015 A000027 CITIBANK, N.A., LONDON BRANCH
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015 D010027 IRELAND

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015 A000035 HSBC BANK MALAYSIA BERHAD
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015 C010035 KUALA LUMPUR
015 D010035 MALAYSIA
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015 A000037 CITIBANK MAGHREB
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015 C010037 CASABLANCA
015 D010037 MOROCCO
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015 A000041 NORDEA BANK NORGE ASA
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015 D010041 NORWAY
015 E040041 X
015 A000042 CITIBANK DEL PERU S.A.
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015 C010044 WARSAW
015 D010044 POLAND
015 E040044 X
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015 C010055 COLOMBO
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015 A000056 SKANDINAVISKA ENSKILDA BANKEN AB (PUB)
015 B000056 S
015 C010056 STOCKHOLM
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015 A000057 CREDIT SUISSE AG
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015 C010057 ZURICH
015 D010057 SWITZERLAND
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015 A000058 BANK OF TAIWAN
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015 C010058 TAIPEI
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015 A000059 HSBC LIMITED, THAILAND BRANCH
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015 A000060 CITIBANK ANONIM SIRKETI
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022 A000001 J.P. MORGAN SECURITIES INC.
022 B000001 13-3379014
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SIGNATURE MARK BRADLEY
TITLE TREASURER