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PIONEER MUNICIPAL HIGH INCOME TRUST

Form NSAR-A

December 29, 2016

PAGE 1
000 A000000 10/31/2016
000 C000000 0001223026
000 D000000 N
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002 B000000 BOSTON
002 C000000 MA
002 D010000 02109
003 000000 N
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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
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011 C010002 STAMFORD
011 C020002 CT

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011 C030002 06901
011 A000003 RBC CAPITAL MARKETS CORP.
011 B000003 8-045411
011 C010003 MINNEAPOLIS
011 C020003 MN
011 C030003 55402
011 C040003 4422
011 A000004 ADVEST, INC.
011 B000004 8-21409
011 C010004 HARTFORD
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011 C030004 06103
011 A000005 JANNEY MONTGOMERY SCOTT, LLC
011 B000005 8-462
011 C010005 PHILADELPHIA
011 C020005 PA
011 C030005 19103
011 C040005 1675
011 A000006 MCDONALD INVESTMENTS, INC.
011 B000006 8-30177
011 C010006 CLEVELAND
011 C020006 OH
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011 C040006 2603
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012 A000001 PIONEER INVEST. MGT. SHAREHOLDER SVCS., INC.
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012 A000002 AMERICAN STOCK TRANSFER & TRUST CO. (COMMON)
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012 C030002 11219
012 A000003 DEUTSCHE BANK TRUST COMPANY AMERICAS (PREF)
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013 A000001 DELOITTE & TOUCHE LLP
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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 D010006 BELGIUM
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015 D010015 CZECH REPUBLIC
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015 A000021 STANDARD CHARTERED BANK GHANA LTD.
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015 C010021 ACCRA
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015 A000022 HSBC BANK PLC, ATHENS BRANCH
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015 E040022 X
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015 E040023 X
015 A000024 CITIBANK EUROPE PLC, HUNGARIAN BRANCH OFFICE
015 B000024 S
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015 A000025 CITIBANK, N.A.-MUMBAI BRANCH
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015 A000026 CITIBANK, N.A., JAKARTA BRANCH
015 B000026 S
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015 D010026 INDONESIA
015 E040026 X
015 A000027 CITIBANK, N.A., LONDON BRANCH
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015 D010027 IRELAND

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015 E040027 X
015 A000028 BANK HAPOALIM BM
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015 A000030 SUMITOMO MITSU BANKING CORPORATION
015 B000030 S
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015 D010030 JAPAN
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015 A000031 BNP PARIBAS SECURITIES SERVICES
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015 A000033 HSBC BANK MIDDLE EAST LIMITED, KUWAIT BRANCH
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015 A000035 HSBC BANK MALAYSIA BERHAD
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015 A000036 BANCO NACIONAL DE MEXICO, S.A. (BANAMEX)
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015 A000037 CITIBANK MAGHREB
015 B000037 S
015 C010037 CASABLANCA
015 D010037 MOROCCO
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015 A000040 STANBIC IBTC BANK PLC
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015 D010040 NIGERIA

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015 E040040 X
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015 E040043 X
015 A000044 BANK HANDLOWY W WARSZAWIE SA
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015 C010044 WARSAW
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015 A000052 STANDARD CHARTERED BANK, JOHANNESBURG BRANCH
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015 B000053 S
015 C010053 SEOUL
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015 B000054 S
PAGE 8
015 C010054 MADRID
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015 B000055 S
015 C010055 COLOMBO
015 D010055 SRI LANKA
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015 A000056 SKANDINAVISKA ENSKILDA BANKEN AB(PUB)
015 B000056 S
015 C010056 STOCKHOLM
015 D010056 SWEDEN
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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 C010059 BANGKOK
015 D010059 THAILAND
015 E040059 X
015 A000060 CITIBANK ANONIM SIRKETI
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015 D010060 TURKEY
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015 A000061 HSBC BANK MIDDLE EAST LIMITED
015 B000061 S
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015 A000062 HSBC BANK PLC
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015 C010063 CARACAS
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015 C010064 HO CHI MINH CITY
PAGE 9
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PAGE 13

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PAGE 14

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SIGNATURE	MARK BRADLEY	
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