

BLACKROCK APEX MUNICIPAL FUND INC

Form NSAR-A

December 29, 2010

PAGE 1
000 A000000 10/31/2010
000 C000000 0000817998
000 D000000 N
000 E000000 NF
000 F000000 Y
000 G000000 N
000 H000000 N
000 I000000 6.1
000 J000000 A
001 A000000 BLACKROCK APEX MUNICIPAL FUND, INC.
001 B000000 811-05227
001 C000000 8004417762
002 A000000 100 BELLEVUE PARKWAY
002 B000000 WILMINGTON
002 C000000 DE
002 D010000 19809
003 000000 N
004 000000 N
005 000000 N
006 000000 N
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007 C010800 8
007 C010900 9
007 C011000 10
008 A000001 BLACKROCK ADVISORS, LLC
008 B000001 A
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008 D010001 WILMINGTON
008 D020001 DE
008 D030001 19809
008 A000002 BLACKROCK INVESTMENT MANAGEMENT, LLC
008 B000002 S
008 C000002 801-56972
008 D010002 PLAINSBORO
008 D020002 NJ
008 D030002 08536
012 A000001 BNY MELLON SHAREOWNER SERVICES
012 B000001 85-05006
012 C010001 JERSEY CITY
012 C020001 NJ
012 C030001 07310
013 A000001 DELOITTE & TOUCHE LLP
013 B010001 PRINCETON
PAGE 2
013 B020001 NJ
013 B030001 08540
014 A000001 BLACKROCK CAPITAL MARKETS, LLC
014 B000001 8-67827
014 A000002 BLACKROCK EXECUTION SERVICES
014 B000002 8-48719

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014 A000003 BLACKROCK FUND DISTRIBUTION COMPANY
 014 B000003 8-67795
 014 A000004 BLACKROCK INVESTMENTS, LLC
 014 B000004 8-48436
 014 A000005 HARRIS WILLIAMS LLC
 014 B000005 8-53380
 014 A000006 PNC CAPITAL MARKETS, INC.
 014 B000006 8-32493
 014 A000007 PNC INVESTMENTS LLC
 014 B000007 8-66195
 015 A000001 THE BANK OF NEW YORK MELLON
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 015 A000002 J.P. MORGAN CHASE BANK
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 022 B000001 22-2509978
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 022 A000002 MERRILL LYNCH, PIERCE, FENNER & SMITH, INC.
 022 B000002 13-5674085
 022 C000002 4650
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 022 D000002 637
 022 A000003 CITIGROUP GLOBAL MARKETS, INC.
 022 B000003 11-2418191
 022 C000003 793
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 022 A000004 MORGAN STANLEY & CO. INCORPORATED
 022 B000004 13-2655998
 022 C000004 1612
 022 D000004 2314
 022 A000005 PRAGER, SEALY & CO., LLC
 022 B000005 94-3057440
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 022 A000006 STIFEL, NICOLAUS & COMPANY, INCORPORATED
 022 B000006 43-0538770
 022 C000006 1696

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087 A010000 COMMON STOCK
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088 B000000 N

088 C000000 N

088 D000000 N

SIGNATURE NEAL J. ANDREWS

TITLE CFO