

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.
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008 A000001 BLACKROCK ADVISORS, LLC
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008 A000002 BLACKROCK INVESTMENT MANAGEMENT, LLC
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008 D010002 PLAINSBORO
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012 A000001 BNY MELLON SHAREOWNER SERVICES
012 B000001 85-05006
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012 C020001 NJ
012 C030001 07310
013 A000001 DELOITTE & TOUCHE LLP
013 B010001 PRINCETON
PAGE 2
013 B020001 NJ
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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
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014 A000005 HARRIS WILLIAMS LLC
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014 A000006 PNC CAPITAL MARKETS, INC.
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014 A000007 PNC INVESTMENTS LLC
014 B000007 8-66195
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015 C020001 NY
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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
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PAGE 3
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
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022 A000005 PRAGER, SEALY & CO., LLC
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022 A000006 STIFEL, NICOLAUS & COMPANY, INCORPORATED
022 B000006 43-0538770
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022 D000006 1229
 022 A000007 GOLDMAN, SACHS & CO.
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 022 A000008 J.P. MORGAN SECURITIES INC.
 022 B000008 13-3299429
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 022 A000009 KEYBANC CAPITAL MARKETS INC.
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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