

BLACKROCK APEX MUNICIPAL FUND INC  
Form NSAR-B  
August 29, 2008

PAGE 1  
000 B000000 06/30/2008  
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  
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007 C010500 5  
007 C010600 6  
007 C010700 7  
007 C010800 8  
007 C010900 9  
007 C011000 10  
008 A000001 BLACKROCK ADVISORS, LLC  
008 B000001 A  
008 C000001 801-47710  
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 NEW YORK  
012 C020001 NY  
012 C030001 10286  
013 A000001 DELOITTE & TOUCHE LLP  
013 B010001 PRINCETON  
PAGE 2  
013 B020001 NJ  
013 B030001 08540  
014 A000001 MLPF&S AND OTHER ML BROKER/DEALER AFFILIATES  
014 B000001 8-7221  
014 A000002 BLACKROCK INVESTMENTS, INC.  
014 B000002 8-048436

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014 A000003 NORTHERN FUNDS DISTRIBUTORS, LLC  
014 B000003 8-051242  
014 A000004 PNC CAPITAL MARKETS, INC.  
014 B000004 8-32493  
014 A000005 PFPC DISTRIBUTORS, INC.  
014 B000005 8-045467  
014 A000006 MGI FUNDS DISTRIBUTOR, INC.  
014 B000006 8-046960  
014 A000007 BB & T AM DISTRIBUTORS, INC.  
014 B000007 8-52396  
014 A000008 BLACKROCK DISTRIBUTORS, INC.  
014 B000008 8-048775  
014 A000009 PNC INVESTMENTS LLC  
014 B000009 8-066195  
014 A000010 HARRIS WILLIAMS LLC  
014 B000010 8-53380  
014 A000011 DSP MERRILL LYNCH LIMITED  
014 B000011 8-00000  
014 A000012 FAM DISTRIBUTORS, INC.  
014 B000012 8-14663  
014 A000013 FIRST REPUBLIC SECURITIES COMPANY, LLC  
014 B000013 8-52973  
014 A000014 GPC SECURITIES, INC.  
014 B000014 8-30108  
014 A000015 BERNDALDE SECURITIES LIMITED  
014 B000015 8-00000  
014 A000016 PIPER JAFFRAY & CO.  
014 B000016 8-15204  
015 A000001 THE BANK OF NEW YORK MELLON  
015 B000001 C  
015 C010001 NEW YORK  
015 C020001 NY  
015 C030001 10286  
015 E010001 X  
015 A000002 J.P. MORGAN CHASE BANK  
015 B000002 S  
015 C010002 NEW YORK  
015 C020002 NY  
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022 A000001 ML INSTITUTIONAL TAX-EXEMPT FUND  
022 B000001 22-2509978  
022 C000001 37500  
022 D000001 33000  
022 A000002 CITIGROUP GLOBAL MARKETS, INC.

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022 B000002 11-2418191  
022 C000002 16778  
022 D000002 9141  
022 A000003 BANC OF AMERICA SECURITIES LLC  
022 B000003 56-2058405  
022 C000003 8961  
022 D000003 10349  
022 A000004 MORGAN STANLEY & CO. INCORPORATED  
022 B000004 13-2655998  
022 C000004 5795  
022 D000004 6983  
022 A000005 GOLDMAN, SACHS & CO.  
022 B000005 13-5108880  
022 C000005 3472  
022 D000005 3168  
022 A000006 BEAR, STEARNS & CO. INC.  
022 B000006 13-3299429  
022 C000006 4284  
022 D000006 2059  
022 A000007 B.C. ZIEGLER AND COMPANY  
022 B000007 39-0727640  
022 C000007 1405  
022 D000007 3811  
022 A000008 J.P. MORGAN SECURITIES INC.  
022 B000008 13-3224016  
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022 A000009 LEHMAN BROTHERS INC.  
022 B000009 13-2518466  
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022 A000010 DEPFA FIRST ALBANY SECURITIES, LLC  
022 B000010 43-2117279  
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022 D000010 2712

PAGE 4

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064 A000000 Y  
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PAGE 6

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 072 F000000 1230  
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 072 L000000 41  
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072 N000000 9  
 072 O000000 0  
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PAGE 7

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 072 V000000 0  
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 074 W000000 0.0000  
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 074 Y000000 0  
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PAGE 8

076 000000 9.28  
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 077 B000000 Y  
 077 O000000 Y

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078 000000 N  
080 A000000 VIGILANT INSURANCE COMPANY  
080 C000000 600  
081 A000000 Y  
081 B000000 113  
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082 B000000 0  
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087 A010000 COMMON STOCK  
087 A020000 09254H106  
087 A030000 APX  
088 A000000 N  
088 B000000 N  
088 C000000 N  
088 D000000 N  
SIGNATURE DONALD C. BURKE  
TITLE PRESIDENT