

BLACKROCK APEX MUNICIPAL FUND INC  
Form NSAR-A  
February 26, 2009

PAGE 1  
000 A000000 12/31/2008  
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  
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007 C010500 5  
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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 CAPITAL MARKETS, LLC  
014 B000002 8-67827

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014 A000003 BLACKROCK DISTRIBUTORS, INC.  
014 B000003 8-048775  
014 A000004 BLACKROCK INVESTMENTS, INC.  
014 B000004 8-048436  
014 A000005 HARRIS WILLIAMS LLC  
014 B000005 8-53380  
014 A000006 MGI FUNDS DISTRIBUTOR, INC.  
014 B000006 8-046960  
014 A000007 BB & T AM DISTRIBUTORS, INC.  
014 B000007 8-52396  
014 A000008 NORTHERN FUNDS DISTRIBUTORS, LLC  
014 B000008 8-051242  
014 A000009 PNC CAPITAL MARKETS, INC.  
014 B000009 8-32493  
014 A000010 PNC INVESTMENTS LLC  
014 B000010 8-066195  
014 A000011 PFPC DISTRIBUTORS, INC.  
014 B000011 8-045467  
014 A000012 DSP MERRILL LYNCH LIMITED  
014 B000012 8-00000  
014 A000013 FAM DISTRIBUTORS, INC.  
014 B000013 8-14663  
014 A000014 FIRST REPUBLIC SECURITIES COMPANY, LLC  
014 B000014 8-52973  
014 A000015 GPC SECURITIES, INC.  
014 B000015 8-30108  
014 A000016 BERNDALD SECURITIES LIMITED  
014 B000016 8-00000  
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 MERRILL LYNCH INSTITUTIONAL TAX-EXEMPT FUND  
022 B000001 22-2509978  
022 C000001 20300  
022 D000001 24100  
022 A000002 MORGAN STANLEY & CO. INCORPORATED  
022 B000002 13-2655998

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022 C000002 7494  
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 022 A000003 CITIGROUP GLOBAL MARKETS, INC.  
 022 B000003 11-2418191  
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 022 A000004 WACHOVIA SECURITIES, LLC  
 022 B000004 54-0796506  
 022 C000004 0  
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 022 A000005 RBC CAPITAL MARKETS CORPORATION  
 022 B000005 13-5033225  
 022 C000005 2778  
 022 D000005 1268  
 022 A000006 BB&T CAP MARKETS  
 022 C000006 3219  
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 022 A000007 J.P. MORGAN SECURITIES INC.  
 022 B000007 13-3224016  
 022 C000007 2471  
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 022 A000008 LEHMAN BROTHERS INC.  
 022 B000008 13-2518466  
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 022 A000009 BARCLAYS CAPITAL  
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088	C000000	N
088	D000000	N
SIGNATURE	DONALD C. BURKE	
TITLE	PRESIDENT	