

BLACKROCK APEX MUNICIPAL FUND INC  
Form NSAR-A  
December 28, 2009

PAGE 1  
000 A000000 10/31/2009  
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  
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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 (COMMON)  
012 B000001 85-05006  
012 C010001 JERSEY CITY  
012 C020001 NJ  
012 C030001 07310  
012 A000002 BNY MELLON SHAREOWNER SERVICES (PREFERRED)  
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PAGE 2  
012 C010002 JERSEY CITY  
012 C020002 NJ  
012 C030002 07310  
013 A000001 DELOITTE & TOUCHE LLP  
013 B010001 PRINCETON  
013 B020001 NJ

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013 B030001 08540  
014 A000001 BB & T AM DISTRIBUTORS, INC.  
014 B000001 8-52396  
014 A000002 BLACKROCK CAPITAL MARKETS, LLC  
014 B000002 8-67827  
014 A000003 BLACKROCK DISTRIBUTORS, INC.  
014 B000003 8-048775  
014 A000004 BLACKROCK INVESTMENTS, LLC  
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 NATCITY INVESTMENTS, INC.  
014 B000007 8-35288  
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 RED CAPITAL MARKETS, INC.  
014 B000012 8-31175  
014 A000013 BLACKROCK EXECUTION SERVICES  
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014 A000014 BLACKROCK FUND DISTRIBUTION COMPANY  
014 B000014 8-00000  
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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 CITIGROUP GLOBAL MARKETS, INC.  
022 B000002 11-2418191  
022 C000002 7859  
022 D000002 4304  
022 A000003 FIRST MIAMI SECURITIES, INC.  
022 C000003 3278  
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022 A000004 MERRILL LYNCH, PIERCE, FENNER & SMITH, INC.  
022 B000004 13-5674085  
022 C000004 5776  
022 D000004 0  
022 A000005 B.C. ZIEGLER AND COMPANY  
022 B000005 39-0727640  
022 C000005 4568  
022 D000005 1134  
022 A000006 JEFFERIES & COMPANY, INC.  
022 B000006 95-2622900  
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022 A000007 PIPER JAFFRAY & CO.  
022 B000007 41-0953246  
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022 A000008 GOLDMAN, SACHS & CO.  
022 B000008 13-5108880  
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022 A000009 PRAGER, SEALY & CO., LLC  
022 B000009 94-3057440  
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022 A000010 MORGAN STANLEY & CO. INCORPORATED  
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PAGE 6

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PAGE 8		
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SIGNATURE	NEAL J. ANDREWS	
TITLE	CFO	