

BLACKROCK MUNI ENHANCED FUND INC  
Form NSAR-B  
March 30, 2007

PAGE 1  
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000 C000000 0000844172  
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 MUNIENHANCED FUND, INC.  
001 B000000 811-5739  
001 C000000 6092822800  
002 A000000 P.O. BOX 9011  
002 B000000 PRINCETON  
002 C000000 NJ  
002 D010000 08543  
002 D020000 9011  
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007 C011800 18  
007 C011900 19  
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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  
PAGE 2  
008 C000002 801-56972  
008 D010002 PLAINSBORO  
008 D020002 NJ  
008 D030002 08536  
011 A000001 MERRILL LYNCH, PIERCE, FENNER & SMITH INC.  
011 B000001 8-7221

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011 C010001 NEW YORK  
011 C020001 NY  
011 C030001 10281  
011 C040001 1201  
012 A000001 COMPUTERSHARE TRUST COMPANY, N.A. (COMMON)  
012 B000001 85-11340  
012 C010001 PROVIDENCE  
012 C020001 RI  
012 C030001 02940  
012 C040001 3010  
012 A000002 THE BANK OF NEW YORK (PREFERRED STOCK)  
012 B000002 85-05006  
012 C010002 NEW YORK  
012 C020002 NY  
012 C030002 10286  
013 A000001 DELOITTE & TOUCHE LLP  
013 B010001 PRINCETON  
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  
014 A000003 NORTHERN FUNDS DISTRIBUTORS, LLC  
014 B000003 8-051242  
014 A000004 PNC CAPITAL MARKETS, LLC  
014 B000004 8-032493  
014 A000005 J.J.B. HILLIARD W.L. LYONS, INC.  
014 B000005 8-033133  
014 A000006 PFPC DISTRIBUTORS, INC.  
014 B000006 8-045467  
014 A000007 MGI FUNDS DISTRIBUTORS, INC.  
014 B000007 8-046960  
014 A000008 ABN AMRO DISTRIBUTION SERVICES, INC.  
014 B000008 8-052396  
014 A000009 BLACKROCK DISTRIBUTORS, INC.  
014 B000009 8-048775  
014 A000010 PERSIMMON SECURITIES, INC.  
014 B000010 8-053071  
014 A000011 PNC INVESTMENTS LLC  
014 B000011 8-066195  
014 A000012 STATE STREET RESEARCH INVEST SERV, INC.  
014 B000012 8-035442  
015 A000001 STATE STREET BANK AND TRUST COMPANY  
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015 C010001 BOSTON  
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015 A000003 BANKERS TRUST COMPANY  
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015 A000004 J.P. MORGAN CHASE BANK  
015 B000004 S  
015 C010004 NEW YORK  
015 C020004 NY  
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015 A000005 CUSTODIAL TRUST CO.  
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015 A000006 MORGAN GUARANTY TRUST CO. OF NEW YORK  
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022 A000002 J.P. MORGAN SECURITIES INC.  
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022 A000003 UBS FINANCIAL SERVICES INC.  
022 B000003 13-2638166  
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022 A000004 WACHOVIA SECURITIES, LLC  
022 B000004 54-0796506  
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022 A000005 CITIGROUP GLOBAL MARKETS, INC.  
022 B000005 11-2418191  
022 C000005 16930  
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022 A000006 MURIEL SIEBERT & CO., INC.  
022 C000006 12035  
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022 A000007 BEAR, STEARNS & CO. INC.  
022 B000007 13-3299429  
022 C000007 6652  
022 D000007 13491  
022 A000008 BANC OF AMERICA SECURITIES LLC

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022 B000008 56-2058405  
022 C000008 13001  
022 D000008 6370  
022 A000009 MORGAN STANLEY  
022 B000009 13-2655998  
022 C000009 4282  
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022 A000010 GOLDMAN, SACHS & CO.  
022 B000010 13-5108880  
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086 F010000 0  
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087 A010000 COMMON STOCK  
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087 A030000 MEN  
087 B010000 PREFERRED STOCK  
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088 B000000 N  
088 C000000 N  
088 D000000 Y  
SIGNATURE DONALD C. BURKE  
TITLE TREASURER