

BLACKROCK MUNI ENHANCED FUND INC  
Form NSAR-B  
June 29, 2011

PAGE 1  
000 B000000 04/30/2011  
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 811-05739  
001 C000000 8004417762  
002 A000000 100 BELLEVUE PARKWAY  
002 B000000 WILMINGTON  
002 C000000 DE  
002 D010000 19809  
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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  
PAGE 2  
008 D010002 PLAINSBORO  
008 D020002 NJ  
008 D030002 08536  
012 A000001 COMPUTERSHARE TRUST COMPANY, N.A. (COMMON)  
012 B000001 85-11340  
012 C010001 PROVIDENCE

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012 C020001 RI  
012 C030001 02940  
012 A000002 THE BANK OF NEW YORK MELLON (PREFERRED)  
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  
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014 A000001 BLACKROCK CAPITAL MARKETS, LLC  
014 B000001 8-67827  
014 A000002 BLACKROCK EXECUTION SERVICES  
014 B000002 8-48719  
014 A000003 BLACKROCK FUND DISTRIBUTION COMPANY  
014 B000003 8-67795  
014 A000004 BLACKROCK INVESTMENTS, LLC  
014 B000004 8-48436  
014 A000005 HARRIS WILLIAMS LLC  
014 B000005 8-53380  
014 A000006 PNC CAPITAL MARKETS, INC.  
014 B000006 8-32493  
014 A000007 PNC INVESTMENTS LLC  
014 B000007 8-66195  
015 A000001 STATE STREET BANK AND TRUST COMPANY  
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015 C010001 BOSTON  
015 C020001 MA  
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015 A000002 J.P. MORGAN CHASE BANK  
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015 C010002 NEW YORK  
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015 C030002 10017  
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019 B000000 294  
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020 A000001 UBS SECURITIES LLC  
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020 A000002 RBS SECURITIES INC.  
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020 A000003 TD SECURITIES (USA) LLC  
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022 A000001 FFI INSTITUTIONAL TAX-EXEMPT FUND  
022 B000001 22-2509978  
022 C000001 38269  
022 D000001 40474  
022 A000002 CITIGROUP GLOBAL MARKETS, INC.  
022 B000002 11-2418191  
022 C000002 6141  
022 D000002 6931  
022 A000003 MORGAN STANLEY & CO. INCORPORATED  
022 B000003 13-2655998  
022 C000003 10549  
022 D000003 1629  
022 A000004 PERSHING LLC  
022 B000004 13-2741729  
022 C000004 6005  
022 D000004 1886  
022 A000005 J.P. MORGAN SECURITIES INC.  
022 B000005 13-3299429  
022 C000005 4230  
022 D000005 2262  
022 A000006 MERRILL LYNCH, PIERCE, FENNER & SMITH INC.  
022 B000006 13-5674085  
022 C000006 4034  
022 D000006 1208  
022 A000007 JANNEY MONTGOMERY SCOTT LLC  
022 B000007 23-0731260  
022 C000007 1582  
022 D000007 3625  
022 A000008 BARCLAYS CAPITAL INC.  
022 C000008 3384  
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022 A000009 WELLS FARGO ADVISORS LLC  
022 B000009 54-0796506  
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022 C000009 4502  
022 D000009 264  
022 A000010 CREWS & ASSOCIATES, INC.  
022 B000010 71-0522369  
022 C000010 0  
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072 G000000 97  
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074 V010000 10.30  
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075 B000000 456592  
076 000000 9.99  
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080 A000000 FEDERAL INSURANCE COMPANY  
080 B000000 NATIONAL UNION FIRE INS. CO. OF PITTSBURGH,PA  
080 C000000 71150  
081 A000000 Y  
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SIGNATURE NEAL J. ANDREWS  
TITLE CFO