

BLACKROCK MUNI ENHANCED FUND INC  
Form NSAR-B  
June 29, 2009

PAGE 1  
000 B000000 04/30/2009  
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  
003 000000 N  
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007 C011500 15  
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007 C011700 17  
007 C011800 18  
007 C011900 19  
007 C012000 20  
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 COMPANIES, N.A. (COMMON)  
012 B000001 85-11340  
012 C010001 PROVIDENCE

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012 C020001 RI  
012 C030001 02940  
012 C040001 3010  
012 A000002 BNY MELLON SHAREOWNER SERVICES (PREFERRED)  
012 B000002 85-05006  
012 C010002 JERSEY CITY  
012 C020002 NJ  
012 C030002 07310  
013 A000001 DELOITTE & TOUCHE LLP  
013 B010001 PRINCETON  
013 B020001 NJ  
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, 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 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  
015 A000001 STATE STREET BANK AND TRUST COMPANY  
015 B000001 C  
015 C010001 BOSTON  
015 C020001 MA  
015 C030001 02101  
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015 A000002 J.P. MORGAN CHASE BANK  
015 B000002 S  
015 C010002 NEW YORK  
PAGE 3  
015 C020002 NY  
015 C030002 10017  
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022	B000001	22-2509978
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022	A000002	J.P. MORGAN SECURITIES INC.
022	B000002	13-3224016
022	C000002	7224
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022	A000003	MERRILL LYNCH, PIERCE, FENNER & SMITH, INC.
022	B000003	13-5674085
022	C000003	10969
022	D000003	979
022	A000004	CITIGROUP GLOBAL MARKETS, INC.
022	B000004	11-2418191
022	C000004	8311
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022	A000005	MORGAN STANLEY & CO. INCORPORATED
022	B000005	13-2655998
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022	A000006	RBC CAPITAL MARKETS CORPORATION
022	B000006	13-5033225
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022	A000007	BB & T INVESTMENT SERVICES, INC.
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022	A000008	SECUREVEST FINANCIAL GROUP
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022	A000009	STONE & YOUNGBERG LLC
022	B000009	94-1052545
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022	A000010	GOLDMAN, SACHS & CO.
022	B000010	13-5108880
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047 000000 Y  
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072 D000000	0
072 E000000	196
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072 G000000	32
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074 R010000	0
074 R020000	0
074 R030000	0
074 R040000	47398
074 S000000	158875

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074 T000000	287078
074 U010000	29370
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080	A000000	VIGILANT INSURANCE COMPANY
080	B000000	NATIONAL UNION FIRE INSURANCE COMPANY
080	C000000	85000
081	A000000	Y
081	B000000	110
082	A000000	N
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086	F010000	0
086	F020000	0
087	A010000	COMMON STOCK
087	A020000	09253Y100
087	A030000	MEN
087	B010000	PREFERRED STOCK
088	A000000	N
088	B000000	N
088	C000000	N
088	D000000	Y
SIGNATURE	DONALD C. BURKE	
TITLE	PRESIDENT	