

PUTNAM INVESTMENT GRADE MUNICIPAL TRUST

Form NSAR-B

January 26, 2007

PAGE 1  
000 B000000 11/30/2006  
000 C000000 0000855048  
000 D000000 N  
000 E000000 NF  
000 F000000 Y  
000 G000000 N  
000 H000000 N  
000 I000000 6.1  
000 J000000 A  
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001 B000000 811-5901  
001 C000000 6172921000  
002 A000000 ONE POST OFFICE SQUARE  
002 B000000 BOSTON  
002 C000000 MA  
002 D010000 02109  
003 000000 N  
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007 C010600 6  
007 C010700 7  
007 C010800 8  
007 C010900 9  
007 C011000 10  
008 A000001 PUTNAM INVESTMENT MANAGEMENT, LLC  
008 B000001 A  
008 C000001 801-7974  
008 D010001 BOSTON  
008 D020001 MA  
008 D030001 02109  
011 A000001 DELETE  
012 A000001 PUTNAM INVESTOR SERVICES  
012 B000001 84-401299  
012 C010001 BOSTON  
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013 A000001 KPMG LLP  
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015 A000001 PUTNAM FIDUCIARY TRUST COMPANY  
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015 C020001 MA  
015 C030001 02109  
015 E010001 X  
015 A000002 DEUTSCHE BANK TRUST COMPANY AMERICAS  
015 B000002 S  
015 C010002 JERSEY CITY

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015 C020002 NJ  
015 C030002 07311  
015 E010002 X  
015 A000003 BOSTON SAFE DEPOSIT AND TRUST COMPANY  
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015 C010003 PITTSBURGH  
015 C020003 PA  
015 C030003 15258  
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015 A000004 BROWN BROTHERS HARRIMAN & CO.  
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015 A000005 JPMORGAN CHASE BANK  
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015 C010005 NEW YORK  
015 C020005 NY  
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015 A000006 CITIGROUP N.A.  
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015 A000007 UMB BANK N.A.  
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022 A000001 UBS WARBURG INVESTMENTS, LTD.  
022 B000001 13-3873456  
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022 A000002 CITIGROUP GLOBAL MARKETS HOLDINGS, INC.  
022 B000002 11-2418191  
022 C000002 6409  
022 D000002 8287  
022 A000003 FIRST ALBANY CORP.  
022 B000003 14-1391446  
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070 B010000 Y  
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PAGE 7  
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080	B000000	FEDERAL INSURANCE COMPANY
080	C000000	80000
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087	B010000	REMARKETED PREFERRED STOCK, SERIES A	
087	B020000	746805-201	
088	A000000	N	
088	B000000	N	
088	C000000	N	
088	D000000	Y	
SIGNATURE	JANET C. SMITH		
TITLE	PRINC. ACCT. OFFICER		