

BLACKROCK MUNICIPAL INCOME INVESTMENT TRUST

Form NSAR-B

September 29, 2010

PAGE 1
000 B000000 07/31/2010
000 C000000 0001137392
000 D000000 N
000 E000000 NF
000 F000000 Y
000 G000000 N
000 H000000 N
000 I000000 6.1
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001 A000000 BLACKROCK MUNICIPAL INCOME INVESTMENT TRUST
001 B000000 811-10333
001 C000000 8004417762
002 A000000 100 BELLEVUE PARKWAY
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008 A000001 BLACKROCK ADVISORS, LLC
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008 A000002 BLACKROCK FINANCIAL MANAGEMENT, INC.
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008 D010002 NEW YORK
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008 D030002 10055
012 A000001 COMPUTERSHARE TRUST COMPANY, N.A. (COMMON)
012 B000001 85-11340
012 C010001 PROVIDENCE
012 C020001 RI
012 C030001 02940
012 A000002 BNY MELLON SHAREOWNER SERVICES (PREFERRED)
012 B000002 85-05006
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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 BLACKROCK CAPITAL MARKETS, LLC
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 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.
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 014 A000007 PNC INVESTMENTS LLC
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 014 A000008 RED CAPITAL MARKETS, INC.
 014 B000008 8-31175
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 020 A000001 RBS SECURITIES INC.
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 022 A000002 J.P. MORGAN SECURITIES INC.
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022 A000003 MORGAN STANLEY & CO. INCORPORATED
 022 B000003 13-2655998
 022 C000003 16600
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 022 A000004 M.R. BEAL & COMPANY
 022 B000004 13-3452090
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 022 A000005 CITIGROUP GLOBAL MARKETS, INC.
 022 B000005 11-2418191
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 022 A000006 MERRILL LYNCH, PIERCE, FENNER & SMITH INC.
 022 B000006 13-5674085
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 022 A000007 SIEBERT, BRANDFORD, SHANK & CO., L.L.C.
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 022 A000009 RICE SECURITIES, LLC
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077 O000000 Y

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080 A000000 VIGILANT INSURANCE COMPANY

080 B000000 NATIONAL UNION FIRE INSURANCE COMPANY

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088	B000000	N
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SIGNATURE	NEAL J. ANDREWS	
TITLE	CFO	