

NUVEEN MUNICIPAL HIGH INCOME OPPORTUNITY FUND

Form NSAR-A

June 28, 2007

PAGE 1
000 A000000 04/30/2007
000 C000000 0001266585
000 D000000 N
000 E000000 NF
000 F000000 Y
000 G000000 N
000 H000000 N
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012 A000001 EQUISERVE INC.
012 B000001 84-05925
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013 A000001 ERNST & YOUNG LLP
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014 A000001 NUVEEN INVESTMENTS, LLC
014 B000001 8-13464
PAGE 2
015 A000001 STATE STREET BANK AND TRUST COMPANY
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PAGE 3
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087	A020000	670682103
087	A030000	NMZ
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SIGNATURE	STEPHEN D. FOY	
TITLE	V.P. & CONTROLLER	