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NUVEEN MUNICIPAL HIGH INCOME OPPORTUNITY FUND

Form NSAR-A

June 28, 2007

PAGE 1  
000 A000000 04/30/2007  
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000 D000000 N  
000 E000000 NF  
000 F000000 Y  
000 G000000 N  
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012 A000001 EQUISERVE INC.  
012 B000001 84-05925  
012 C010001 PROVIDENCE  
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013 A000001 ERNST & YOUNG LLP  
013 B010001 CHICAGO  
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014 A000001 NUVEEN INVESTMENTS, LLC  
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PAGE 2  
015 A000001 STATE STREET BANK AND TRUST COMPANY  
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015 C010001 BOSTON  
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PAGE 6

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PAGE 7

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PAGE 8

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087	A020000	670682103
087	A030000	NMZ
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088	D000000	Y
SIGNATURE	STEPHEN D. FOY	
TITLE	V.P. & CONTROLLER	