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Kayne Anderson MLP Investment CO  
Form NSAR-A  
July 28, 2017

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001 B000000 811-21593  
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010 A000001 ULTIMUS FUND SOLUTIONS, LLC  
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011 A000001 CITIGROUP GLOBAL MARKETS INC.  
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011 A000002 UBS SECURITIES, LLC  
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011 C020002 NY  
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011 A000003 MERRILL LYNCH, PIERCE, FENNER & SMITH INC.  
011 B000003 8-7221  
011 C010003 NEW YORK  
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011 C030003 10080  
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011 A000007 RBC CAPITAL MARKETS LLC  
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TITLE	CFO		