

NUVEEN MUNICIPAL HIGH INCOME OPPORTUNITY FUND

Form AW WD

September 13, 2016

Nuveen Municipal High Income Opportunity Fund

333 West Wacker Drive

Chicago, Illinois 60606

September 13, 2016

VIA EDGAR

U.S. Securities and Exchange Commission

100 F Street, N.E.

Washington, DC 20549

Attn: Elisabeth Bentzinger

Re: Nuveen Municipal High Income Opportunity Fund (File Nos. 333-211793 and 811-21449):
Request for Withdrawal of Form AW

Dear Ms. Bentzinger:

On behalf of Nuveen Municipal High Income Opportunity Fund (the Fund), we request, pursuant to Rule 477 under the Securities Act of 1933 (the 1933 Act), the withdrawal of the Form AW that was filed with the U.S. Securities and Exchange Commission (the SEC) on September 12, 2016 (via EDGAR Accession no. 0001193125-16-707449). The Form AW requested the withdrawal of the Fund s N-2/A filing which was filed with the SEC on July 21, 2016 (via EDGAR Accession No. 0001193125-16-652588) (the

N-2/A Filing). The Form AW was inadvertently filed under the 1933 Act File Number 333-211793 instead of 333-187032. On September 13, 2016, the Fund re-filed the Form AW under the 1933 Act File Number 333-187032.

The N-2/A Filing has not been declared effective by the SEC, and no securities were sold in connection with the offering described in the N-2/A Filing. It is therefore in the best interest of the Fund and the public that the Form AW be withdrawn. It is our understanding that this application for withdrawal of the Form AW be deemed granted as of the date it is filed with the SEC unless the Fund receives notice from the SEC that this application will not be granted.

If you have any questions regarding this filing, please contact Kathleen Macpeak at 202-373-6149.

Nuveen Municipal High Income Opportunity Fund

By: /s/ Kevin J. McCarthy

Name: Kevin J. McCarthy

Title: Vice President