

130 East Randolph Street Suite 2900 Chicago, IL 60601 tel 312-233-7000 reference no.: 1494707

August 22, 2017

Illinois Finance Authority 180 North Stetson, Suite 2555 Chicago, IL 60601 Attention: Mr. Christopher Meister, Executive Director

Re: US\$558,835,000 Illinois Finance Authority, State of Illinois Clean Water Initiative Revolving Fund Revenue Bonds, Series 2017, dated: Date of delivery, due: January 01, 2037

Dear Mr. Meister:

Pursuant to your request for an S&P Global Ratings rating on the above-referenced obligations, S&P Global Ratings has assigned a rating of "AAA" . S&P Global Ratings views the outlook for this rating as stable. A copy of the rationale supporting the rating is enclosed.

This letter constitutes S&P Global Ratings' permission for you to disseminate the aboveassigned ratings to interested parties in accordance with applicable laws and regulations. However, permission for such dissemination (other than to professional advisors bound by appropriate confidentiality arrangements) will become effective only after we have released the rating on standardandpoors.com. Any dissemination on any Website by you or your agents shall include the full analysis for the rating, including any updates, where applicable.

To maintain the rating, S&P Global Ratings must receive all relevant financial and other information, including notice of material changes to financial and other information provided to us and in relevant documents, as soon as such information is available. Relevant financial and other information includes, but is not limited to, information about direct bank loans and debt and debt-like instruments issued to, or entered into with, financial institutions, insurance companies and/or other entities, whether or not disclosure of such information would be required under S.E.C. Rule 15c2-12. You understand that S&P Global Ratings relies on you and your agents and advisors for the accuracy, timeliness and completeness of the information submitted in connection with the rating and the continued flow of material information as part of the surveillance process. Please send all information via electronic delivery to: <u>pubfin_statelocalgovt@spglobal.com</u>. If SEC rule 17g-5 is applicable, you may post such information on the appropriate website. For any information not available in electronic format or posted on the applicable website,

Please send hard copies to:

S&P Global Ratings Public Finance Department 55 Water Street New York, NY 10041-0003

The rating is subject to the Terms and Conditions, if any, attached to the Engagement Letter applicable to the rating. In the absence of such Engagement Letter and Terms and Conditions, the rating is subject to the attached Terms and Conditions. The applicable Terms and Conditions are incorporated herein by reference.

S&P Global Ratings is pleased to have the opportunity to provide its rating opinion. For more information please visit our website at <u>www.standardandpoors.com</u>. If you have any questions, please contact us. Thank you for choosing S&P Global Ratings.

Sincerely yours,

S&P Global Ratings a division of Standard & Poor's Financial Services LLC

mm enclosures

cc: Mr. Matthew Hone Mr. Richard Frampton

S&P Global Ratings Terms and Conditions Applicable To Public Finance Credit Ratings

<u>General.</u> The credit ratings and other views of S&P Global Ratings are statements of opinion and not statements of fact. Credit ratings and other views of S&P Global Ratings are not recommendations to purchase, hold, or sell any securities and do not comment on market price, marketability, investor preference or suitability of any security. While S&P Global Ratings bases its credit ratings and other views on information provided by issuers and their agents and advisors, and other information from sources it believes to be reliable, S&P Global Ratings does not perform an audit, and undertakes no duty of due diligence or independent verification, of any information it receives. Such information and S&P Global Ratings does not act as a "fiduciary" or an investment advisor. S&P Global Ratings neither recommends nor will recommend how an issuer can or should achieve a particular credit rating outcome nor provides or will provide consulting, advisory, financial or structuring advice. Unless otherwise indicated, the term "issuer" means both the issuer and the obligor if the obligor is not the issuer.

<u>All Credit Rating Actions in S&P Global Ratings' Sole Discretion.</u> S&P Global Ratings may assign, raise, lower, suspend, place on CreditWatch, or withdraw a credit rating, and assign or revise an Outlook, at any time, in S&P Global Ratings' sole discretion. S&P Global Ratings may take any of the foregoing actions notwithstanding any request for a confidential or private credit rating or a withdrawal of a credit rating, or termination of a credit rating engagement. S&P Global Ratings will not convert a public credit rating to a confidential or private credit rating, or a private credit rating to a confidential credit rating.

Publication. S&P Global Ratings reserves the right to use, publish, disseminate, or license others to use, publish or disseminate a credit rating and any related analytical reports, including the rationale for the credit rating, unless the issuer specifically requests in connection with the initial credit rating that the credit rating be assigned and maintained on a confidential or private basis. If, however, a confidential or private credit rating or the existence of a confidential or private credit rating subsequently becomes public through disclosure other than by an act of S&P Global Ratings or its affiliates, S&P Global Ratings reserves the right to treat the credit rating as a public credit rating, including, without limitation, publishing the credit rating and any related analytical reports. Any analytical reports published by S&P Global Ratings are not issued by or on behalf of the issuer or at the issuer's request. S&P Global Ratings reserves the right to use, publish, disseminate or license others to use, publish or disseminate analytical reports with respect to public credit ratings that have been withdrawn, regardless of the reason for such withdrawal. S&P Global Ratings may publish explanations of S&P Global Ratings' credit ratings criteria from time to time and S&P Global Ratings may modify or refine its credit ratings criteria at any time as S&P Global Ratings deems appropriate.

<u>Reliance on Information.</u> S&P Global Ratings relies on issuers and their agents and advisors for the accuracy and completeness of the information submitted in connection with credit ratings and the surveillance of credit ratings including, without limitation, information on material changes to information previously provided by issuers, their agents or advisors. Credit ratings, and the maintenance of credit ratings, may be affected by S&P Global Ratings' opinion of the information received from issuers, their agents or advisors.

<u>Confidential Information.</u> S&P Global Ratings has established policies and procedures to maintain the confidentiality of certain non-public information received from issuers, their agents or advisors. For these purposes, "Confidential Information" shall mean verbal or written information that the issuer or its agents or advisors have provided to S&P Global Ratings and, in a specific and particularized manner, have marked or otherwise indicated in writing (either prior to or promptly following such disclosure) that such information is "Confidential."

<u>S&P Global Ratings Not an Expert, Underwriter or Seller under Securities Laws.</u> S&P Global Ratings has not consented to and will not consent to being named an "expert" or any similar designation under any applicable securities laws or other regulatory guidance, rules or recommendations, including without limitation, Section 7 of the U.S. Securities Act of 1933. S&P Global Ratings has not performed and will not perform the role or tasks associated with an "underwriter" or "seller" under the United States federal securities laws or other regulatory guidance, rules or recommendations in connection with a credit rating engagement.

Disclaimer of Liability. S&P Global Ratings does not and cannot guarantee the accuracy, completeness, or timeliness of the information relied on in connection with a credit rating or the results obtained from the use of such information. S&P GLOBAL RATINGS GIVES NO EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE. S&P Global Ratings, its affiliates or third party providers, or any of their officers, directors, shareholders, employees or agents shall not be liable to any person for any inaccuracies, errors, or omissions, in each case regardless of cause, actions, damages (consequential, special, indirect, incidental, punitive, compensatory, exemplary or otherwise), claims, liabilities, costs, expenses, legal fees or losses (including, without limitation, lost income or lost profits and opportunity costs) in any way arising out of or relating to a credit rating or the related analytic services even if advised of the possibility of such damages or other amounts.

<u>No Third Party Beneficiaries.</u> Nothing in any credit rating engagement, or a credit rating when issued, is intended or should be construed as creating any rights on behalf of any third parties, including, without limitation, any recipient of a credit rating. No person is intended as a third party beneficiary of any credit rating engagement or of a credit rating when issued.



RatingsDirect[®]

Summary:

Illinois Finance Authority; State Revolving Funds/Pools

Primary Credit Analyst: Scott D Garrigan, New York (1) 312-233-7014; scott.garrigan@spglobal.com

Secondary Contact: Erin Boeke Burke, New York 212-438-1515; Erin.Boeke-Burke@spglobal.com

.....

Table Of Contents

Rationale

Outlook

Summary: Illinois Finance Authority; State Revolving Funds/Pools

rev bnds ser 2017 due 01/01/2037		
AAA/Stable	New	
AAA/Stable	Affirmed	
		AAA/Stable New

Rationale

S&P Global Ratings has assigned its 'AAA' rating to the Illinois Finance Authority's (IFA) series 2017 state of Illinois clean water initiative revolving fund revenue bonds. We have also affirmed our 'AAA' rating on the authority's outstanding revolving fund revenue bonds. The outlook is stable.

The rating reflects our assessment of the following credit characteristics:

- An extremely strong enterprise risk profile, given that the program has ongoing support from multiple levels of government, and a governmental entity manages the program; and
- An extremely strong financial risk profile, reflecting its loss coverage score (LCS), operating performance, and financial policies.

Because we view securitizations backed by pools of public-sector assets as highly sensitive to country risk, the rating on the securitization is capped at two notches above the sovereign. However, no specific sovereign default stress is applied, given the U.S. sovereign rating is 'AA+'.

IFA is issuing the revolving fund bonds pursuant to a master trust agreement related to the state's clean and drinking water state revolving fund programs (SRFs). Security for the series bonds is a pledge of revenues collected pursuant to the master trust, which includes pledged loan repayments and investment income earned from the various pledged funds and accounts. The bonds consist of four portions, as allowed for under the master trust agreement: a state match clean water SRF portion, a state match drinking water SRF portion, a leveraged clean water SRF portion, and a leveraged drinking water SRF portion. The clean water and drinking water funds are fully cross-collateralized through the use of a pledged equity fund in which all excess revenues are deposited. The only qualification for cross-collateralization is that only interest earnings from loan repayments can be used to repay state match portions of the bonds. There currently is no reserve fund pledged to the bonds.

We view the enterprise risk profile of the program as extremely strong. This is due to a combination of the low industry risk profile for municipal pools and the program's market position, which we consider extremely strong. IFA is a body politic (civil division) and corporate (legal entity) of the state of Illinois. The legislature created the clean and drinking water programs by statute for administering the SRF programs. The SRF programs receive federal equity

support through capitalization grants and IFA is using bond proceeds to fund its state match.

We view the financial risk profile of the program as extremely strong, reflecting the combination of its LCS, historical operating performance, and management policies. Excess loan repayments and interest earnings above annual debt service results in over-collaterization. When looking at the clean and drinking water program cash flows separately, coverage of debt service from loan repayments at each semiannual bond payment date is structured to be at least 1.2x (drinking water) and 2.1x (clean water) on the state match portion of the bonds and no less than 1.1x (drinking water) and 1.9x (clean water) on the leveraged portion of the bonds. When combining the cash flows for both programs, loan repayments cover state match and leveraged semiannual debt service by at least 1.8x and 1.6x, respectively. Providing additional support for the cash flows are \$84 million of accrued cash balances in the combined clean and drinking water funds, which does not include any unspent bond proceeds. These cash flow characteristics lead to an extremely strong LCS under our default tolerance tests, which includes the effects of the largest obligor test, which the program passes.

It is our understanding that drinking water program coverage could improve over time since management has the ability to pledge additional drinking water loans to repayment of the SRF bonds.

Averaging all of the financial policies and practices, we view the corpus of these as generally good. Management performs credit reviews for all new loans but does not require borrowers to submit annual financial statements. However, selective review on certain borrowers is done annually. Loan repayments are made throughout the year, while debt service is due semiannually; this minimizes the possibility of cash-flow deficiencies that could occur just prior to debt service payment dates. The Illinois Environmental Protection Agency (IEPA) develops the intended use plan and project priority list, and updates both annually. Management invests its cash in compliance with the master trust agreement, and receives monthly investment reports.

Management has indicated that there have been no delinquent or defaulting pledged loans throughout the history of the SRF program. After the 2017 bonds are issued, there will be \$2.5 billion of pledged loans and \$1.1 billion of bonds outstanding. The aggregate clean and drinking water portfolio has about 430 borrowers, with the outstanding total loan balance for the top five borrowers representing 44% of all pledged loans; the largest participant is Metropolitan Water Reclamation District of Greater Chicago (\$657 million of loans).

Based on these enterprise and financial risk profiles, we rate the bonds 'AAA'.

Outlook

The stable outlook is based on our expectation that the enterprise and financial risk profiles will remain the same over the two-year outlook horizon.

Downside scenario

If the authority leverages the program further and does not provide sufficient over-collateralization that we view as consistent with an extremely strong LCS, it could pressure the rating.

Certain terms used in this report, particularly certain adjectives used to express our view on rating relevant factors, have specific meanings ascribed to them in our criteria, and should therefore be read in conjunction with such criteria. Please see Ratings Criteria at www.standardandpoors.com for further information. Complete ratings information is available to subscribers of RatingsDirect at www.globalcreditportal.com. All ratings affected by this rating action can be found on the S&P Global Ratings' public website at www.standardandpoors.com. Use the Ratings search box located in the left column.

Copyright © 2017 by Standard & Poor's Financial Services LLC. All rights reserved.

No content (including ratings, credit-related analyses and data, valuations, model, software or other application or output therefrom) or any part thereof (Content) may be modified, reverse engineered, reproduced or distributed in any form by any means, or stored in a database or retrieval system, without the prior written permission of Standard & Poor's Financial Services LLC or its affiliates (collectively, S&P). The Content shall not be used for any unlawful or unauthorized purposes. S&P and any third-party providers, as well as their directors, officers, shareholders, employees or agents (collectively S&P Parties) do not guarantee the accuracy, completeness, timeliness or availability of the Content. S&P Parties are not responsible for any errors or omissions (negligent or otherwise), regardless of the cause, for the results obtained from the use of the Content, or for the security or maintenance of any data input by the user. The Content is provided on an "as is" basis. S&P PARTIES DISCLAIM ANY AND ALL EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE, FREEDOM FROM BUGS, SOFTWARE ERRORS OR DEFECTS, THAT THE CONTENT'S FUNCTIONING WILL BE UNINTERRUPTED OR THAT THE CONTENT WILL OPERATE WITH ANY SOFTWARE CONFIGURATION. In no event shall S&P Parties be liable to any party for any direct, incidental, exemplary, compensatory, punitive, special or consequential damages, costs, expenses, legal fees, or losses (including, without limitation, lost income or lost profits and opportunity costs or losses caused by negligence) in connection with any use of the Content even if advised of the possibility of such damages.

Credit-related and other analyses, including ratings, and statements in the Content are statements of opinion as of the date they are expressed and not statements of fact. S&P's opinions, analyses and rating acknowledgment decisions (described below) are not recommendations to purchase, hold, or sell any securities or to make any investment decisions, and do not address the suitability of any security. S&P assumes no obligation to update the Content following publication in any form or format. The Content should not be relied on and is not a substitute for the skill, judgment and experience of the user, its management, employees, advisors and/or clients when making investment and other business decisions. S&P does not act as a fiduciary or an investment advisor except where registered as such. While S&P has obtained information from sources it believes to be reliable, S&P does not perform an audit and undertakes no duty of due diligence or independent verification of any information it receives.

To the extent that regulatory authorities allow a rating agency to acknowledge in one jurisdiction a rating issued in another jurisdiction for certain regulatory purposes, S&P reserves the right to assign, withdraw or suspend such acknowledgment at any time and in its sole discretion. S&P Parties disclaim any duty whatsoever arising out of the assignment, withdrawal or suspension of an acknowledgment as well as any liability for any damage alleged to have been suffered on account thereof.

S&P keeps certain activities of its business units separate from each other in order to preserve the independence and objectivity of their respective activities. As a result, certain business units of S&P may have information that is not available to other S&P business units. S&P has established policies and procedures to maintain the confidentiality of certain non-public information received in connection with each analytical process.

S&P may receive compensation for its ratings and certain analyses, normally from issuers or underwriters of securities or from obligors. S&P reserves the right to disseminate its opinions and analyses. S&P's public ratings and analyses are made available on its Web sites, www.standardandpoors.com (free of charge), and www.ratingsdirect.com and www.globalcreditportal.com (subscription), and may be distributed through other means, including via S&P publications and third-party redistributors. Additional information about our ratings fees is available at www.standardandpoors.com/usratingsfees.

STANDARD & POOR'S, S&P and RATINGSDIRECT are registered trademarks of Standard & Poor's Financial Services LLC.