

Sacramento, CA, City of

Municipal Market Disclosure Information Cover Sheet

Type of Filing: RATING CHANGE

Moody's Downgrades IFS Rating with Negative Outlook October 3, 2024

Moody's revised the rating for FGIC now NPFG, MBIA now National, and National Public Finance Guaranty (NPFG).

Date of Filing: 10/08/2024

Certification Authorized by	Disclosure Dissemination Agent Contact
8	DAC 315 East Robinson Street, Suite 300, Orlando, FL 32801-1674
Title: Debt Manager	407 515 - 1100
Entity: Sacramento, CA, City of	emmaagent@dacbond.com

This information is also available on DAC's website: www.dacbond.com

Signature of Issuer: Brian Wong /s/

The information set forth herein has been obtained from the obligated entity and other sources believed to be reliable, but such information is not guaranteed as accuracy or completeness and is not to be construed as a promise or guarantee. This Rating Change may contain, in part, estimates and matters of opinion which are not intended as statements of fact, and no representation is made as to the correctness of such estimates and opinions, or that they may be realized. The information and expressions of opinion contained herein are subject to change without notice, and the delivery of this Rating Change will not, under any circumstances, create any implication that there have been no changes in the affairs of the entity, or other matters described.

This Filing Applies to:

1. Sacramento City Financing Authority, Tax Allocation Revenue Bonds, 2005 Series A (Merged Downtown and Oak Park Projects), \$92,372,235.75 and Taxable Tax Allocation Revenue Bonds, 2005 Series B (Merged Downtown and Oak Park Projects), \$46,750,000, Dated: December 7, 2005

CUSIPS: 785849QG8, 785849QH6, 785849QJ2, 785849QK9, 785849QL7, 785849QM5, 785849QN3, 785849QP8, 785849QQ6, 785849QS2

 Sacramento County Public Financing Authority, Tax Allocation Revenue Bonds (Sacramento County and City Redevelopment Project), 2003 Series A, \$33,695,587.95, Dated: December 23, 2003

CUSIPS: 786129BY1, 786129BZ8, 786129CA2, 786129CB0, 786129CC8, 786129AV8, 786129CD6, 786129CE4, 786129AW6

10/9/24, 7:58 AM Filing Certificate

Digital Assurance Certification

Filing Certificate

DAC transmitted the Rating Change to EMMA/SID (if applicable) on behalf of Sacramento, CA, City of under their SEC Rule 15c2-12 Continuing Disclosure Agreement.

Transmission Details: P21401104

Date & Time Stamp: 10/08/2024

Document: Rating Change: Moody's Downgrades IFS

Rating with Negative Outlook October 3, 2024

DAC Bond Coversheet: Yes

Transmitted to: MSRB-EMMA

Total CUSIPs associated with this Filing: 19

Filing made on Series: 2005A,B, 2003A

Codes: P (Prerefunded), R (Refunded), U (Unrefunded), E (Escrowed), A (Advance Refunding), D (Defeased), T (Tendered), V (Derivatives), UD (Undetermined), NLO (No Longer Outstanding)

Red: Original CUSIPs - filing missed · Blue: Non-Original CUSIPs - filing missed · Green: Outstanding CUSIPs - filing made · Black: Inactive CUSIPs

1. Issue: Sacramento City Financing Authority, Tax Allocation Revenue Bonds, 2005 Series A

(Merged Downtown and Oak Park Projects), \$92,372,235.75 and Taxable Tax Allocation Revenue Bonds, 2005 Series B (Merged Downtown and Oak Park

Projects), \$46,750,000, Dated: December 7, 2005

CUSIP: 785849QG8, 785849QH6, 785849QJ2, 785849QK9, 785849QL7, 785849QM5,

785849QN3, 785849QP8, 785849QQ6, 785849QS2

No missing CUSIPs for this bond issue

2. Issue: Sacramento County Public Financing Authority, Tax Allocation Revenue Bonds

(Sacramento County and City Redevelopment Project), 2003 Series A,

\$33,695,587.95, Dated: December 23, 2003

CUSIP: 786129BY1, 786129BZ8, 786129CA2, 786129CB0, 786129AV8, 786129CC8,

786129CD6, 786129CE4, 786129AW6

No missing CUSIPs for this bond issue



915 I Street, HCH 3rd Floor Sacramento CA 95814

John Colville ~ City Treasurer

Phone 916-808-5168 Fax 916-808-5171

Via Email

EVENT NOTICE PURSUANT TO S.E.C. RULE 15c2-12 RATING CHANGE

Dated: October 8, 2024

NOTICE IS HEREBY GIVEN that on October 3, 2024, Moody's Investors Service ("**Moody's**") downgraded the insurance financial strength rating of National Public Finance Guarantee Corporation ("**National**"). National serves as the successor bond insurer of Financial Guaranty Insurance Company – the bond insurer at the time of issuance for the two series of bonds listed below. As a result, there has been a change to the insured rating on the following bond issues from "Baa2" to "Baa3":

- 2003 Tax Allocation Revenue Bonds, Series A issued by the Sacramento County Public Financing Authority*
- 2005 Tax Allocation Revenue Bonds, Series A issued by the Sacramento City Financing Authority*

*The City of Sacramento is the Successor Agency to the Redevelopment Agency of the City of Sacramento

Additionally, Moody's also changed the outlook of National from stable to negative.

City of Sacramento

Brian Digitally signed by Brian Wong Date:

Wong 2024.10.08 10:45:42 -07'00'

Brian Wong Debt Manager

Attachment: Moody's Rating Action Report dated October 3, 2024



Rating Action: Moody's Ratings downgrades IFS ratings of MBIA's insurance subsidiaries

3 October 2024

New York, October 3, 2024 - Moody's Ratings (Moody's) has downgraded the insurance financial strength (IFS) rating of National Public Finance Guarantee Corporation (National) to Baa3 from Baa2 and the IFS rating of MBIA Insurance Corporation (MBIA Corp.) to Caa2 from Caa1. In the same rating action, we affirmed the senior unsecured debt rating of MBIA Inc. (MBIA) at Ba3 and affirmed MBIA Corp.'s preferred stock, preferred stock non-cumulative and surplus notes ratings at C (hyb). The outlooks for the ratings of MBIA and National were changed to stable from negative. The outlook for MBIA Corp. remains negative.

These rating actions also have implications for the various transactions wrapped by National and MBIA Corp. as discussed later in this press release.

RATINGS RATIONALE

The downgrade of National's IFS rating to Baa3 reflects the company's reduced risk-adjusted capital adequacy following adverse credit developments in its insured portfolio, as well as the extraction of \$647 million of capital from National through dividends during 2023, which increased the sensitivity of its credit profile to large single risks. In our opinion, the significant extraction of capital from National highlights the weak alignment of interests between shareholders and policyholders at the company. MBIA expects to make additional extraordinary dividend requests in the future, which could further weaken National's risk-adjusted capital adequacy over time.

The downgrade of MBIA Corp.'s IFS rating to Caa2 reflects the company's stressed liquidity position, the continued reduction in its total cash and invested assets and the significant write-down of its salvage recoverable asset this year. MBIA Corp. reported that it held cash and investments of \$164 million at Q2 2024 on a statutory basis, of which \$28 million was liquid and immediately available to the company. As the firm's claims-paying resources have fallen, the company's operating leverage has increased, making the company vulnerable to any further deterioration in its insured portfolio. We note that MBIA Corp.'s policyholders' surplus is just \$15 million above the minimum regulatory threshold required and the company's longer-term solvency remains dependent on the outcome of the firm's asset recovery efforts.

The affirmation of MBIA's senior debt rating at Ba3 reflects our view that the rating is appropriately positioned at the current level, which is three notches below the Baa3 IFS rating of National, which is consistent with our typical notching practices for U.S. insurance holding company structures. Prior to today's rating actions, the notching differential had been four notches.

National Public Finance Guarantee Corporation

National's Baa3 IFS rating reflects the insurer's capital resources relative to its remaining exposures, the meaningful delinking from its weaker affiliates and the continued amortization of its insured portfolio. Offsetting these strengths is National's run-off status, which results in a weak alignment of interests between shareholders and policyholders, as well as its exposure to below investment grade

credits and large single risks. Approximately 10.4% of its insured book (including accreted interest on capital appreciation bonds (CABs) was rated below investment grade at Q2 2024, representing approximately 293% of its qualified statutory capital plus gross loss reserves.

Although National's insured portfolio has amortized down to less than \$37 billion of gross par outstanding (including accreted interest on CABs), there are a number of large single risks that are becoming a more concentrated portion of the remaining portfolio. Likewise, the proportion of National's below investment grade exposure has increased as the portfolio has shrunk. Although we estimate National's capital adequacy score remains in the single-A rating category, we believe the reduced amount of capital resources available to mitigate the increasing single risk and below investment grade concentrations following last year's large capital extraction make the company more vulnerable to adverse credit developments in its insured portfolio. The reduction in capital also reduces the firm's core earnings power due to lower prospective investment income going forward.

MBIA Inc.

The Ba3 senior unsecured debt rating of MBIA is three notches below the Baa3 IFS rating of National. MBIA has an adequate liquidity profile stemming from the firm's liquid cash and invested assets held at the holding company level (\$315 million at Q2 2024). We expect ordinary dividend payments from National to continue over the next several years, generally in-line with the firm's net investment income. MBIA's debt burden is slowly improving and the firm's debt service obligations are manageable over the next several years. The notching between MBIA Inc.'s senior debt rating and the IFS rating of its lead insurance subsidiary, National, is three notches, which is consistent with most other US insurance holding company structures.

MBIA Insurance Corporation

MBIA Corp.'s Caa2 IFS rating and negative outlook reflects the firm's lower capital adequacy position as the firm's claims-paying resources have deteriorated due to claims payments and write-downs of its salvage recoverable asset. There remains significant uncertainty associated with the outcomes of ongoing asset recovery efforts and the company's stressed liquidity position. MBIA Corp.'s longer-term viability rests on its ability to recover the substantial majority of the firm's \$170 million of expected salvage recoverables, primarily relating to sales of collateral from the defaulted Zohar I and Zohar II collateralized loan obligation transactions, excess spread recoveries on RMBS securities and by purchasing MBIA Corp. wrapped securities as part of its loss mitigation strategies. Additionally, the firm's thin surplus cushion to the minimum regulatory level required leaves little room for adverse developments in its insured portfolio or further write-downs of its estimated salvage recoverable. Additionally, the company's weak ability to organically generate capital heightens the firm's vulnerability to breaching regulatory capital thresholds as discounted loss reserves accrete higher over time. The inability of MBIA Corp. to realize substantial salvage recoveries over the near term could precipitate a regulatory intervention, which could result in a claims payment freeze, partial claims payments, or rehabilitation proceedings.

The C (hyb) ratings on MBIA Corp.'s surplus notes and preferred stock reflect our expectation that recovery rates on these securities are likely to be very low given their deeply subordinated status and the limited amount of capital resources available at the company.

FACTORS THAT COULD LEAD TO AN UPGRADE OR DOWNGRADE OF THE RATINGS

National Public Finance Guarantee Corporation

Given National's business and financial profile as a run-off financial guarantor, its rating is unlikely to be upgraded. However, the following factors could positively influence the firm's credit profile: 1)

Favorable resolution of certain defaulted transactions, including the firm's remaining Puerto Rico exposures; and 2) improved risk-adjusted capital adequacy.

Conversely, the following factors could result in a downgrade of National's rating: 1) significant deterioration in the credit quality of its insured portfolio; 2) capital extraction in excess of the firm's ordinary dividend capacity without a commensurate reduction of insured risk; 3) significant additional purchases of MBIA common stock; and 4) provision of material capital support to MBIA Corp.

MBIA Insurance Corporation

The following factors could result in an upgrade of MBIA Corp.'s IFS rating: 1) improved capital adequacy and liquidity profile; 2) a reduction in exposure to large single risks; and 3) substantial recoveries from Zohar collateral sales. Conversely, the following factors could result in a downgrade: 1) failure to secure substantial recoveries on Zohar collateral; 2) portfolio losses in excess of current expectations; and 3) further deterioration in the company's liquidity profile.

MBIA Inc.

MBIA's Ba3 senior debt rating is currently three notches below the Baa3 IFS rating of National, which is consistent with our typical notching practices for U.S. insurance holding company structures. The notching could be expanded to four or more notches below the IFS rating of National if there were constrained liquidity at the holding company with visible projected cash inflows and existing liquid assets covering less than two years of debt service.

TREATMENT OF WRAPPED TRANSACTIONS

Our ratings on securities that are guaranteed or "wrapped" by a financial guarantor are generally maintained at a level equal to the higher of the following: a) the rating of the guarantor (if rated at the investment grade level); or b) the published underlying rating (and for structured securities, the published or unpublished underlying rating). Our approach to rating wrapped transactions is outlined in our methodology "Guarantees, Letters of Credit and Other Forms of Credit Substitution Methodology" (July 2022).

The principal methodology used in these ratings was Financial Guarantors published in March 2024 and available at https://ratings.moodys.com/rmc-documents/416491. Alternatively, please see the Rating Methodologies page on https://ratings.moodys.com for a copy of this methodology.

MBIA Insurance Corporation and National Public Finance Guarantee Corporation are financial guaranty insurance companies domiciled in New York State and are wholly owned subsidiaries of MBIA Inc. As of June 30, 2024, MBIA Inc. had consolidated gross par outstanding of approximately \$39 billion (including accreted interest on CABs) and total claims paying resources at its operating subsidiaries of approximately \$2.0 billion.

REGULATORY DISCLOSURES

For further specification of Moody's key rating assumptions and sensitivity analysis, see the sections Methodology Assumptions and Sensitivity to Assumptions in the disclosure form. Moody's Rating Symbols and Definitions can be found on https://ratings.moodys.com/rating-definitions.

For any affected securities or rated entities receiving direct credit support/credit substitution from another entity or entities subject to a credit rating action (the supporting entity), and whose ratings may change as a result of a credit rating action as to the supporting entity, the associated regulatory disclosures will relate to the supporting entity. Exceptions to this approach may be applicable in certain jurisdictions.

For ratings issued on a program, series, category/class of debt or security, certain regulatory disclosures applicable to each rating of a subsequently issued bond or note of the same series, category/class of debt, or security, or pursuant to a program for which the ratings are derived exclusively from existing ratings, in accordance with Moody's rating practices, can be found in the most recent Credit Rating Announcement related to the same class of Credit Rating.

For provisional ratings, the Credit Rating Announcement provides certain regulatory disclosures in relation to the provisional rating assigned, and in relation to a definitive rating that may be assigned subsequent to the final issuance of the debt, in each case where the transaction structure and terms have not changed prior to the assignment of the definitive rating in a manner that would have affected the rating.

Moody's does not always publish a separate Credit Rating Announcement for each Credit Rating assigned in the Anticipated Ratings Process or Subsequent Ratings Process.

These ratings are solicited. Please refer to Moody's Policy for Designating and Assigning Unsolicited Credit Ratings available on its website https://ratings.moodys.com.

Regulatory disclosures contained in this press release apply to the credit rating and, if applicable, the related rating outlook or rating review.

The Global Scale Credit Rating(s) discussed in this Credit Rating Announcement was(were) issued by one of Moody's affiliates outside the EU and UK and is(are) endorsed for use in the EU and UK in accordance with the EU and UK CRA Regulation.

Please see https://ratings.moodys.com for any updates on changes to the lead rating analyst and to the Moody's legal entity that has issued the rating.

Please see the issuer/deal page on https://ratings.moodys.com for additional regulatory disclosures for each credit rating.

James Eck
VP-Sr Credit Officer
Financial Institutions Group
Moody's Investors Service, Inc.
250 Greenwich Street
New York, NY 10007
U.S.A.

JOURNALISTS: 1 212 553 0376 Client Service: 1 212 553 1653

Scott Robinson, CFA
Associate Managing Director
Financial Institutions Group
JOURNALISTS: 1 212 553 0376
Client Service: 1 212 553 1653

Releasing Office:
Moody's Investors Service, Inc.
250 Greenwich Street
New York, NY 10007
U.S.A.
JOURNALISTS: 1 212 553 0376

Client Service: 1 212 553 1653

© 2024 Moody's Corporation, Moody's Investors Service, Inc., Moody's Analytics, Inc. and/or their licensors and affiliates (collectively, "MOODY'S"). All rights reserved.

CREDIT RATINGS ISSUED BY MOODY'S CREDIT RATINGS AFFILIATES ARE THEIR CURRENT OPINIONS OF THE RELATIVE FUTURE CREDIT RISK OF ENTITIES, CREDIT COMMITMENTS, OR DEBT OR DEBT-LIKE SECURITIES, AND MATERIALS, PRODUCTS, SERVICES AND INFORMATION PUBLISHED OR OTHERWISE MADE AVAILABLE BY MOODY'S (COLLECTIVELY, "MATERIALS") MAY INCLUDE SUCH CURRENT OPINIONS. MOODY'S DEFINES CREDIT RISK AS THE RISK THAT AN ENTITY MAY NOT MEET ITS CONTRACTUAL FINANCIAL OBLIGATIONS AS THEY COME DUE AND ANY ESTIMATED FINANCIAL LOSS IN THE EVENT OF DEFAULT OR IMPAIRMENT. SEE APPLICABLE MOODY'S RATING SYMBOLS AND DEFINITIONS PUBLICATION FOR INFORMATION ON THE TYPES OF CONTRACTUAL FINANCIAL OBLIGATIONS ADDRESSED BY MOODY'S CREDIT RATINGS. CREDIT RATINGS DO NOT ADDRESS ANY OTHER RISK. INCLUDING BUT NOT LIMITED TO: LIQUIDITY RISK, MARKET VALUE RISK, OR PRICE VOLATILITY. CREDIT RATINGS, NON-CREDIT ASSESSMENTS ("ASSESSMENTS"), AND OTHER OPINIONS INCLUDED IN MOODY'S MATERIALS ARE NOT STATEMENTS OF CURRENT OR HISTORICAL FACT. MOODY'S MATERIALS MAY ALSO INCLUDE QUANTITATIVE MODEL-BASED ESTIMATES OF CREDIT RISK AND RELATED OPINIONS OR COMMENTARY PUBLISHED BY MOODY'S ANALYTICS, INC. AND/OR ITS AFFILIATES. MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND MATERIALS DO NOT CONSTITUTE OR PROVIDE INVESTMENT OR FINANCIAL ADVICE, AND MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND MATERIALS ARE NOT AND DO NOT PROVIDE RECOMMENDATIONS TO PURCHASE, SELL, OR HOLD PARTICULAR SECURITIES. MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND MATERIALS DO NOT COMMENT ON THE SUITABILITY OF AN INVESTMENT FOR ANY PARTICULAR INVESTOR, MOODY'S ISSUES ITS CREDIT RATINGS, ASSESSMENTS AND OTHER OPINIONS AND PUBLISHES OR OTHERWISE MAKES AVAILABLE ITS MATERIALS WITH THE EXPECTATION AND UNDERSTANDING THAT EACH INVESTOR WILL, WITH DUE CARE, MAKE ITS OWN STUDY AND EVALUATION OF EACH SECURITY THAT IS UNDER CONSIDERATION FOR PURCHASE, HOLDING, OR SALE. MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS, AND MATERIALS ARE NOT INTENDED FOR USE BY RETAIL INVESTORS AND IT WOULD BE RECKLESS AND INAPPROPRIATE FOR RETAIL INVESTORS TO USE MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS OR MATERIALS WHEN MAKING AN INVESTMENT DECISION. IF IN DOUBT YOU SHOULD CONTACT YOUR FINANCIAL OR OTHER PROFESSIONAL ADVISER.

ALL INFORMATION CONTAINED HEREIN IS PROTECTED BY LAW, INCLUDING BUT NOT LIMITED TO, COPYRIGHT LAW, AND NONE OF SUCH INFORMATION MAY BE COPIED OR OTHERWISE REPRODUCED, REPACKAGED, FURTHER TRANSMITTED, TRANSFERRED, DISSEMINATED, REDISTRIBUTED OR RESOLD, OR STORED FOR SUBSEQUENT USE FOR ANY SUCH PURPOSE, IN WHOLE OR IN PART, IN ANY FORM OR MANNER OR BY ANY MEANS WHATSOEVER, BY ANY PERSON WITHOUT MOODY'S PRIOR WRITTEN CONSENT. FOR CLARITY, NO INFORMATION CONTAINED HEREIN MAY BE USED TO DEVELOP, IMPROVE, TRAIN OR RETRAIN ANY SOFTWARE PROGRAM OR DATABASE, INCLUDING, BUT NOT LIMITED TO, FOR ANY ARTIFICIAL INTELLIGENCE, MACHINE LEARNING OR NATURAL LANGUAGE PROCESSING SOFTWARE, ALGORITHM, METHODOLOGY AND/OR MODEL.

MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND MATERIALS ARE NOT INTENDED FOR USE BY ANY PERSON AS A BENCHMARK AS THAT TERM IS DEFINED FOR REGULATORY PURPOSES AND MUST NOT BE USED IN ANY WAY THAT COULD RESULT IN THEM BEING CONSIDERED A BENCHMARK.

All information contained herein is obtained by MOODY'S from sources believed by it to be accurate and reliable. Because of the possibility of human or mechanical error as well as other factors, however, all information contained herein is provided "AS IS" without warranty of any kind. MOODY'S adopts all necessary measures so that the information it uses in assigning a credit rating is of sufficient quality and from sources MOODY'S considers to be reliable including, when appropriate, independent third-party sources. However, MOODY'S is not an auditor and cannot in every instance independently verify or validate information received in the credit rating process or in preparing its Materials.

To the extent permitted by law, MOODY'S and its directors, officers, employees, agents, representatives, licensors and suppliers disclaim liability to any person or entity for any indirect, special, consequential, or incidental losses or damages whatsoever arising from or in connection with the information contained herein or the use of or inability to use any such information, even if MOODY'S or any of its directors, officers, employees, agents, representatives, licensors or suppliers is advised in advance of the possibility of such losses or damages, including but not limited to: (a) any loss of present or prospective profits or (b) any loss or damage arising where the relevant financial instrument is not the subject of a particular credit rating assigned by MOODY'S. To the extent permitted by law, MOODY'S and its directors, officers, employees, agents, representatives, licensors and suppliers disclaim liability for any direct or compensatory losses or damages caused to any person or entity, including but not limited to by any negligence (but excluding fraud, willful misconduct or any other type of liability that, for the avoidance of doubt, by law cannot be excluded) on the part of, or any contingency within or beyond the control of, MOODY'S or any of its directors, officers, employees, agents, representatives, licensors or suppliers, arising from or in connection with the information contained herein or the use of or inability to use any such information.

NO WARRANTY, EXPRESS OR IMPLIED, AS TO THE ACCURACY, TIMELINESS, COMPLETENESS, MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OF ANY CREDIT RATING, ASSESSMENT, OTHER OPINION OR INFORMATION IS GIVEN OR MADE BY MOODY'S IN ANY FORM OR MANNER WHATSOEVER.

Moody's Investors Service, Inc., a wholly-owned credit rating agency subsidiary of Moody's Corporation ("MCO"), hereby discloses that most issuers of debt securities (including corporate and municipal bonds, debentures, notes and commercial paper) and preferred stock rated by Moody's Investors Service, Inc. have, prior to assignment of any credit rating, agreed to pay to Moody's Investors Service, Inc. for credit ratings opinions and services rendered by it. MCO and Moody's Investors Service also maintain policies and procedures to address the independence of Moody's Investors Service credit ratings and credit rating processes. Information regarding certain affiliations that may exist between directors of MCO and rated entities, and between entities who hold credit ratings from Moody's Investors Service, Inc. and have also publicly reported to the SEC an ownership interest in MCO of more than 5%, is posted annually at www.moodys.com under the heading "Investor Relations — Corporate Governance — Charter Documents - Director and Shareholder Affiliation Policy."

Moody's SF Japan K.K., Moody's Local AR Agente de Calificación de Riesgo S.A., Moody's Local BR Agência de Classificação de Risco LTDA, Moody's Local MX S.A. de C.V, I.C.V., Moody's Local PE Clasificadora de Riesgo S.A., and Moody's Local PA Calificadora de Riesgo S.A. (collectively, the "Moody's Non-NRSRO CRAs") are all indirectly wholly-owned credit rating agency subsidiaries

of MCO. None of the Moody's Non-NRSRO CRAs is a Nationally Recognized Statistical Rating Organization.

Additional terms for Australia only: Any publication into Australia of this document is pursuant to the Australian Financial Services License of MOODY'S affiliate, Moody's Investors Service Pty Limited ABN 61 003 399 657AFSL 336969 and/or Moody's Analytics Australia Pty Ltd ABN 94 105 136 972 AFSL 383569 (as applicable). This document is intended to be provided only to "wholesale clients" within the meaning of section 761G of the Corporations Act 2001. By continuing to access this document from within Australia, you represent to MOODY'S that you are, or are accessing the document as a representative of, a "wholesale client" and that neither you nor the entity you represent will directly or indirectly disseminate this document or its contents to "retail clients" within the meaning of section 761G of the Corporations Act 2001. MOODY'S credit rating is an opinion as to the creditworthiness of a debt obligation of the issuer, not on the equity securities of the issuer or any form of security that is available to retail investors.

Additional terms for India only: Moody's credit ratings, Assessments, other opinions and Materials are not intended to be and shall not be relied upon or used by any users located in India in relation to securities listed or proposed to be listed on Indian stock exchanges.

Additional terms with respect to Second Party Opinions (as defined in Moody's Investors Service Rating Symbols and Definitions): Please note that a Second Party Opinion ("SPO") is not a "credit rating". The issuance of SPOs is not a regulated activity in many jurisdictions, including Singapore. JAPAN: In Japan, development and provision of SPOs fall under the category of "Ancillary Businesses", not "Credit Rating Business", and are not subject to the regulations applicable to "Credit Rating Business" under the Financial Instruments and Exchange Act of Japan and its relevant regulation. PRC: Any SPO: (1) does not constitute a PRC Green Bond Assessment as defined under any relevant PRC laws or regulations; (2) cannot be included in any registration statement, offering circular, prospectus or any other documents submitted to the PRC regulatory authorities or otherwise used to satisfy any PRC regulatory disclosure requirement; and (3) cannot be used within the PRC for any regulatory purpose or for any other purpose which is not permitted under relevant PRC laws or regulations. For the purposes of this disclaimer, "PRC" refers to the mainland of the People's Republic of China, excluding Hong Kong, Macau and Taiwan.