Maryland State Retirement and Pension System Implementation of the 2008 Divestiture from Iran and Sudan Act (Annotated Code of Maryland, State Personnel and Pensions Article, § 21-123.1) As of September 30, 2018

The 2008 Divestiture from Iran and Sudan Act (the "Act") requires the Board of Trustees of the Maryland State Retirement and Pension System (the "Retirement System") to submit semi-annual reports to the Senate Budget and Taxation and House Appropriations Committees as well as the Joint Committee on Pensions regarding the Retirement System's implementation of the Act, which is codified at SPP § 21-123.1 of the Annotated Code of Maryland.

The Act requires that the Board of Trustees of the Retirement System (the "Board of Trustees") review its investments to determine "the extent to which funds in eligible accounts are invested in companies doing business in Iran or Sudan." An "eligible account" is an actively managed separate account. The Act states that the Board of Trustees shall divest itself of any company doing business in Iran or Sudan, or in any security issued by Iran or Sudan, and may not make any new investments in any company that is doing business in Iran or Sudan; provided, however, that the Act does not require the Board of Trustees to take action unless the Board of Trustees determines, in good faith, that the action is consistent with the fiduciary responsibilities of the Board of Trustees as described in the State pension article.

This is the required semi-annual report for the period commencing April 1, 2018 and ending September 30, 2018 (the "Reporting Period"), and includes the following:

- 1) A summary of correspondence with companies engaged by the Board of Trustees during the Reporting Period;
- 2) All divestment actions taken by the Board of Trustees in accordance with the Act during the Reporting Period;
- 3) A list of companies doing business in Iran or Sudan which the Board of Trustees has determined during the Reporting Period to be ineligible for investments of net new funds under the terms of the Act; and
- 4) Other developments relevant to investment in companies doing business in Iran or Sudan.

1. A summary of correspondence with companies engaged by the Board of Trustees during the Reporting Period.

The Retirement System has engaged MSCI ESG Research Inc. ("MSCI ESG") to periodically provide a list of companies doing business in Iran and/or Sudan ("Focus List"), and to manage the engagement process for the Retirement System. MSCI ESG provided a Focus List dated as of July 1, 2018.

As of the end of the Reporting Period, the Retirement System engaged with three companies that are noted by MSCI ESG as doing business in Iran or Sudan. The engagement was with the following companies:

ONGC Videsh Vankorneft Siemens Financieringsmaatschappij Siemens Aktiengesellschaft

2. All divestment actions taken by the Board of Trustees during the Reporting Period.

The Board of Trustees added the following companies to the list of restricted companies.

Anton Oilfield Services

Oil India International PTE. LTD.

ONGC Videsh Vankorneft PTE. LD.

Siemens Aktiengesellschaft

Siemens Financieringsmaatschappij N.V.

Shanghai Electric Group Company Limited

Shanghai Electric Newage Company Limited

Sinopec Group Overseas Development (2012) Limited

Sinopec Group Overseas Development (2013) Limited

Sinopec Group Overseas Development (2014) Limited

Sinopec Group Overseas Development (2016) Limited

3. Companies doing business in Iran or Sudan which the Board of Trustees has determined during the Reporting Period to be ineligible for investments of net new funds under the terms of the Act.

At its meeting on September 18, 2018, the Board of Trustees determined that the following 31 companies are not eligible for investment and directed that managers of eligible accounts be notified of the restriction on investment.

OPERATING IN SUDAN OR IRAN	COMPANY_NAME	BUSINESS ACTIVITY as defined in SPP 21- 123.1	HOME COUNTRY
Sudan	Anton Oilfield Services	Oil related	China
Sudan	AviChina Industry & Technology Company Limited	Production of military equipment	China
Sudan	Bharat Heavy Electricals Limited	Oil related	India
Iran and Sudan	China National Petroleum Corporation	Investment greater than \$20 million; petroleum/gas related (Iran); Oil related (Sudan)	China
Iran	CNOOC Curtis Funding No. 1 PTY LTD	Oil related	Australia
Iran	Daelim Industrial Company Limited	Investment greater than \$20 million; petroleum/gas related	Korea

OPERATING IN SUDAN OR IRAN	COMPANY_NAME	BUSINESS ACTIVITY as defined in SPP 21-123.1	HOME COUNTRY
Sudan	El Sewedy Electric Company	Oil related	Egypt
Sudan	Energy House Holding Company	Oil related	Kuwait
Sudan	Harbin Power Equipment Company Limited	Oil related	China
Sudan	Jiangxi Hongdu Aviation Industry Company Limited	Production of military equipment	China
Sudan	Kuwait Finance House	Oil related	Kuwait
Sudan	LS Industrial Systems Company Limited	Power production activities	Korea
Sudan	Managem S.A.	Mineral extraction activities	Morocco
Sudan	Oil and Natural Gas Corporation Limited	Oil related	India
Sudan	Oil India International PTE. LTD	Oil related	Singapore
Sudan	Oil India Limited	Oil related	India
Sudan	ONGC Videsh Limited	Oil related	India
Sudan	Oil Videsh Vankorneft PTE. LTD.	Oil related	Singapore
Sudan	Orca Gold Incorporated	Mineral extraction activities	Canada
Sudan	Petroliam Nasional Berhad	Oil related	Malaysia
Sudan	Petronas Capital Limited	Oil related	Malaysia
Sudan	Petronas Global Sukuk Limited	Oil related	Malaysia
Sudan	Schneider Electric S.A.	Power production activities	France
Sudan	Shanghai Electric Group Company Limited	Power production	China
Sudan	Shanghai Electric Newage Company Limited	Power production	Hong Kong
Sudan	Siemens Aktiengesellschaft	Power production	Germany
Sudan	Siemens Financieringsmaatschappi j N.V.	Power production	Netherlands
Iran and Sudan	Sinopec Group Overseas Development (2012) Limited	Oil related	British Virgin Islands
Iran and Sudan	Sinopec Group Overseas Development (2013) Limited	Oil related	British Virgin Islands

OPERATING IN SUDAN OR IRAN	COMPANY_NAME	BUSINESS ACTIVITY as defined in SPP 21- 123.1	HOME COUNTRY
Iran and Sudan	Sinopec Group Overseas Development (2014) Limited	Oil related	British Virgin Islands
Iran and Sudan	Sinopec Group Overseas Development (2016) Limited	Oil related	British Virgin Islands

4. Other developments relevant to investments in companies doing business in Iran or Sudan.

A. In discharging their responsibilities under the Act, the Board of Trustees and its Corporate Governance Committee receive and review information gathered through the engagement process, as well as input from (i) the System's external investment managers, (ii) Meketa Investment Group, Inc., the System's general investment consultant, (iii) legal counsel and (iv) staff of the Investment Division.

The information presented to the Board of Trustees and its Corporate Governance Committee considers a wide array of factors, including:

- 1. Explicit/initial and implicit/ongoing divestment costs on both an individual and aggregate level;
- 2. Company impact on aggregate, fund-level returns and managers; and
- 3. Representation of companies in the relevant investment benchmarks, including:
 - i. Representation of companies in sectors and industries; and
 - ii. Representation of companies in various investment benchmarks.
- B. The Board of Trustees recognizes that it has a continuing monitoring and reporting obligation. MSCI ESG is providing ongoing monitoring services, and the general investment consultant, State Retirement Agency staff, and legal counsel will continue to assist the Corporate Governance Committee in reviewing matters regarding the Act.