Voluntary Disclosure
City of Los Angeles
Fiscal Year 2018-19

$227,540,000
Wastewater System Subordinate Revenue Bonds, Series 2017-A (Green Bonds)
CUSIP 53945C

The City has designated the capital improvements to be financed with the proceeds of the above series of bonds as "Green Projects" based on the environmental benefits of these capital facilities. These projects include processes at water reclamation facilities that remove pollutants, wastewater collection and pumping facilities that reduce sewage spills, water recycling projects, renewable energy projects and air quality projects that support the construction and operation of wastewater facilities. The proceeds of the Wastewater System Subordinate Revenue Bonds, Series 2017-A (Green Bonds) (the "Series 2017-A Bonds") will be used to: (i) finance the construction and improvement of the City's wastewater system and (ii) pay certain costs of issuing the Series 2017-A Bonds. The proceeds of the Series 2017-A Bonds were deposited into segregated accounts.

Sources and Uses of Funds

Sources of Funds	
Principal Amount	$ 227,540,000.00
Premium	35,405,601.75
Total	**$ 262,945,601.75**
Estimated Uses of Funds	
Deposit into Construction Fund	$ 262,000,000.00
Costs of Issuance	945,601.75
Total	**$ 262,945,601.75**

In the Official Statement for the Series 2017-A Bonds, the City stated its intention of filing annual updates regarding the use of proceeds on the EMMA website by December 31 after each fiscal year until all proceeds of the Series 2017-A Bonds are expended. A cumulative total of $207,594,989 (rounded to the nearest dollar) has been expended on Green Projects through the Fiscal Year ending June 30, 2019. Please see the attached tables for a listing of projects financed by the Series 2017-A Bonds by Fiscal Year. Please note that no proceeds were expended in Fiscal Year 2016-17.

Attachment 1

Voluntary Disclosure
City of Los Angeles Green Bonds Annual Report
$227,540,000 Wastewater System Subordinate Revenue Bonds, Series 2017-A (Green Bonds)
(CUSIP 53945C)
Fiscal Year 2017-18

Category	Project Description	Amount Expended as of June 30, 2018*
Collection System and Pumping Facilities	$47,882,000 was spent on 30 collection system rehabilitation projects. The rehabilitation of these aging sewers reduces the likelihood of sewage spills. $26,141,000 was spent on four projects at the collection system pumping plants to enhance system reliability by replacing obsolete and aging equipment and a new force main at the Venice Pumping Plant to carry peak wet weather flows.	$ 74,023,000
Water Reclamation Facilities - Remove polluntants to support the overall treatment objective of meeting the discharge standards in the National Pollutant Discharge Elimination System permits.	$25,382,000 was spent on 13 projects at the Hyperion Water Reclamation Plant that: o Improve biological and physical treatment of the wastewater o Provide recycled water for use within the facility o Provide upgrades to an outfall sewer o Replace the pumps that lift the wastewater so it can flow by gravity through the second part of the plant o Control odors at the plant. o Provide process control for all treatment systems at the plant • $1,854,000 was spent on the two projects at the Los Angeles-Glendale Water Reclamation Plant that: o Replace process control systems at the plant o Replace cover plates and gratings • $12,674,000 was spent on seven projects at the Donald C. Tillman Water Reclamation Plant that: o Provide upgrades to the electrical power system o Replace process control systems at the plant o Treat contaminated air to prevent corrosion of the aeration blowers • $3,478,000 was spent on five projects at the Terminal Island Water Reclamation Plant that: o Replace process control at the plant o Replace aging equipment in the aeration system to improve operation efficiency o Rehabilitate deteriorated components of the secondary treatment process o Rehabilitate deteriorated components of the solids handling process	43,388,000
Renewable Energy Projects	$26,667,000 was spent on two projects related to the Hyperion Digester Gas Utilization Project (DGUP), which uses digester gas to produce green renewable energy. These include the following: DGUP itself, and upgrades to the system necessary to flare the gas in case of outages at the power facility.	26,667,000
Water Recycling Project	$2,471,000 was spent on an expansion of the Advanced Water Purification Facility (AWPF) at the Terminal Island Water Reclamation Plant, and the AWPF Microfiltration System Replacement. The AWPF provides additional treatment of the plant effluent water to make it suitable for reuse by customers in the vicinity of the plant. The project will more than double the amount of water available for reuse.	2,471,000
		$ 146,549,000

* Expenditures rounded to the nearest thousand.

Attachment 1

Voluntary Disclosure
City of Los Angeles Green Bonds Annual Report
$227,540,000 Wastewater System Subordinate Revenue Bonds, Series 2017-A (Green Bonds)
(CUSIP 53945C)
Fiscal Year 2018-19

Category	Project Description	Amount Expended as of June 30, 2019*
Collection System and Pumping Facilities	$23,906,000 was spent on thirty-three collection system rehabilitation projects. The rehabilitation of these aging sewers reduces the likelihood of sewage spills. $3,714,000 was spent on the Venice Pumping Plant Dual Force Main project to enhance the collection system reliability by replacing obsolete and aging equipment and a new force main from the Venice Pumping Plant to the North Outfall Sewer to provide redundancy in handling peak wet weather wastewater flow.	$ 27,620,000
Water Reclamation Facilities - Remove polluntants to support the overall treatment objective of meeting the discharge standards in the National Pollutant Discharge Elimination System permits.	$6,216,000 was spent on six projects at the Hyperion Water Reclamation Plant that: o Improve biological and physical treatment of the wastewater o Provide upgrades to the solids handling facilities o Control odors at the headworks facility o Provide process control for all treatment systems at the plant $1,315,000 was spent on four projects at the Los Angeles-Glendale Water Reclamation Plant that: o Replace process control systems at the plant o Provide safety improvements to the maintenance and operational staff $5,677,000 was spent on nine projects at the Donald C. Tillman Water Reclamation Plant that: o Provide upgrades to the electrical power system o Provide process control systems at the plant o Provide upgrades to the chemical lines o Improve the grit chamber flushing system o Improve odors control at the plant o Replace the pumps that lift the wastewater so it can flow by gravity through the second part of the plant $2,169,000 was spent on four projects at the Terminal Island Water Reclamation Plant that: o Provide process control at the plant o Replace aging equipment in the aeration system to improve operation efficiency o Control odors at the plant	15,377,000
Renewable Energy Projects	$18,049,000 was spent on the Hyperion Digester Gas Utilization Project (DGUP), which uses digester gas to produce green renewable energy.	18,049,000
		$ 61,046,000

* Expenditures rounded to the nearest thousand.