

**Voluntary Disclosure
City of Los Angeles
Fiscal Year 2021-22**

\$219,790,000

**Wastewater System Subordinate Revenue Bonds, Series 2018-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 2018-A (Green Bonds) (the “Series 2018-A Bonds”) will be used to: (i) finance the construction and improvement of the City’s wastewater system; (ii) pay all Outstanding Wastewater Commercial Paper (CP) Notes in the aggregate principal amount of \$50,000,000 at their respective maturity dates; and (iii) pay certain costs of issuing the Series 2018-A Bonds. The proceeds of the Series 2018-A Bonds were deposited into segregated accounts.

Sources and Uses of Funds

Sources of Funds

Principal Amount	\$ 219,790,000.00
Premium	31,209,485.65
Total	<u>\$ 250,999,485.65</u>

Estimated Uses of Funds

Deposit into Construction Fund	\$ 200,000,000.00
Deposit into Wastewater System CP Program Account	50,000,000.00
Costs of Issuance*	999,485.65
Total	<u>\$ 250,999,485.65</u>

**Actual Costs of Issuance were \$983,117.56. The remaining balance of \$16,368.09 was transferred to the Construction Fund to be used towards eligible Projects.*

In the Official Statement for the Series 2018-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 2018-A Bonds are expended. Expenditures are detailed below.

Refunded Commercial Paper Notes (\$50,000,000)

As of June 30, 2021, the City has expended a total of \$50,949,000 of the refunded commercial paper proceeds. Please see the attached table for a listing of projects financed with the Series 2018-A Bonds. No further reporting will be provided as all commercial paper proceeds have been spent.

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Construction Fund (\$200,000,000)

A cumulative total of \$204,968,000 (rounded to the nearest thousand) has been expended on Green Projects through the Fiscal Year ending June 30, 2022. Please see the attached tables for a listing of projects financed by the Series 2018-A Bonds by Fiscal Year. Please note that no proceeds were expended in Fiscal Year 2018-19.

Voluntary Disclosure
City of Los Angeles Green Bonds Annual Report
\$219,790,000 Wastewater System Subordinate Bonds, Series 2018-A (Green Bonds)
(CUSIP 53945C)
Fiscal Year 2018-19

Refunded Commercial Paper Notes (\$50,000,000)

Category	Project Description	Amount Expended as of June 30, 2019
Collection System and Pumping Facilities	<p>\$6,794,000 was spent on 11 collection system rehabilitation projects. The rehabilitation of these aging sewers reduces the likelihood of sewage spills.</p> <p>An additional \$10,669,000 was spent on three pumping facilities, including the Venice Pumping Plant Dual Force Main project to enhance the collection system reliability by replacing obsolete and aging equipment and constructing a new force main from the Venice Pumping Plant to the North Outfall Sewer to meet peak wet weather flow demand, and replace a pumping plant generator plant.</p>	\$ 17,463,000
Water Reclamation Facilities	<p>\$9,076,000 was spent on ten projects at the Hyperion Water Reclamation Plant that:</p> <ul style="list-style-type: none"> 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 <p>\$1,828,000 was spent on three projects at the Donald C. Tillman Water Reclamation Plant that:</p> <ul style="list-style-type: none"> o Provide upgrades to the chemical lines o Improve odor control at the plant <p>\$1,464,000 was spent on three projects at the Terminal Island Water Reclamation Plant that:</p> <ul style="list-style-type: none"> o Provide upgrades to the solids handling facilities o Improve emergency generator controls efficiency o Control odors at the plant 	12,368,000
		\$ 29,831,000

Note: Expenditures rounded to the nearest thousand.

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\$219,790,000 Wastewater System Subordinate Bonds, Series 2018-A (Green Bonds)
(CUSIP 53945C)
Fiscal Year 2019-20

Refunded Commercial Paper Notes (\$50,000,000)

Category	Project Description	Amount Expended as of June 30, 2020
Collection System and Pumping Facilities	\$2,392,000 was spent on six collection system rehabilitation projects and \$321,000 was spent on one relief project. The rehabilitation of aging sewers and installation of a relief sewer in an area without enough capacity reduces the likelihood of sewage spills. \$7,701,000 was spent on two pumping plant projects to install a force main and replace a generator to ensure system resiliency, reducing the likelihood of sewer spills.	\$ 10,414,000
Water Reclamation Facilities	\$9,892,000 was spent on seven projects at the Hyperion Water Reclamation Plant that provide secondary wastewater treatment, solids treatment, and manage the biogas that is a byproduct of the treatment process and a renewable energy source. : \$425,000 was spent on two projects at the Donald C. Tillman Water Reclamation Plant that treat foul air from the treatment process and provide tertiary water treatment. \$348,000 was spent on two projects at the Terminal Island Water Reclamation Plant that provide biological treatment of wastewater and emergency backup power.	10,664,000
General	\$40,000 was spent to reimburse the General Fund for various project costs.	40,000
		\$ 21,118,000

Note: Expenditures rounded to the nearest thousand.

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Fiscal Year 2019-20

Construction Fund (\$200,000,000)

Category	Project Description	Amount Expended as of June 30, 2020*
Collection System and Pumping Facilities	<p>\$54,112,000 was spent on thirty-five collection system rehabilitation projects. The rehabilitation of these aging sewers reduces the likelihood of sewage spills.</p> <p>\$10,398,000 was spent on twelve pumping plant projects, including \$3,053,000 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.</p>	\$ 64,510,000
Water Reclamation Facilities - Remove pollutants to support the overall treatment objective of meeting the discharge standards in the National Pollutant Discharge Elimination System permits.	<p>\$40,647,000 was spent on twenty-five projects at the Hyperion Water Reclamation Plant that:</p> <ul style="list-style-type: none"> o Improve process equipment and physical treatment of the wastewater o Provide upgrades to the solids handling facilities o Control odors at the headworks facility and at the Intermediate Pumping Station o Provide recycled water for non-portable use o Provide process control for all treatment systems at the plant <p>\$1,505,000 was spent on five projects at the Los Angeles-Glendale Water Reclamation Plant that:</p> <ul style="list-style-type: none"> o Replace process control systems at the plant o Provide upgrades to the system and chemical lines o Provide safety improvements to the maintenance and operational staff <p>\$6,387,000 was spent on nine projects at the Donald C. Tillman Water Reclamation Plant that:</p> <ul style="list-style-type: none"> o Provide upgrades to the electrical power system o Provide process control systems at the plant o Provide upgrades to chemical lines o Improve odors control at the plant <p>\$2,543,000 was spent on thirteen projects at the Terminal Island Water Reclamation Plant that:</p> <ul style="list-style-type: none"> o Replace aging equipment in the aeration system to improve operation efficiency o Provide recycled water for non-portable use o Replace process control systems at the plant o Provide upgrades to the digester gas pipe lines 	51,082,000

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Fiscal Year 2019-20

Construction Fund (\$200,000,000)

Category	Project Description	Amount Expended as of June 30, 2020*
Program Management	\$4,860,000 was spent on sixty projects for Consultant support during design and construction management.	4,860,000
Renewable Energy Projects	\$1,964,000 was spent on the Hyperion Digester Gas Utilization Project (DGUP), which uses digester gas to produce green renewable energy.	1,964,000
		\$ 122,416,000

* Expenditures rounded to the nearest thousand.

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Fiscal Year 2020-21

Construction Fund (\$200,000,000)

Category	Project Description	Amount Expended as of June 30, 2021*
Collection System and Pumping Facilities	\$35,700,000 was spent on twenty-seven collection system rehabilitation projects. The rehabilitation of these aging sewers reduces the likelihood of sewage spills. \$15,580,000 was spent on three pumping plant projects with \$15,377,000 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.	\$ 51,280,000
Water Reclamation Facilities - Remove pollutants to support the overall treatment objective of meeting the discharge standards in the National Pollutant Discharge Elimination System permits.	\$19,438,000 was spent on twenty-four projects at the Hyperion Water Reclamation Plant that: <ul style="list-style-type: none"> o Improve process equipment and physical treatment of the wastewater o Provide recycled water for non-potable use o Provide upgrades to the solids handling facilities o Control odors at the intermediate pumping station and solids handling facilities o Provide process control for all treatment systems at the plant \$2,682,000 was spent on five projects at the Los Angeles-Glendale Water Reclamation Plant that: <ul style="list-style-type: none"> o Improve process equipment and physical treatment of the wastewater o Replace process control systems at the plant o Provide safety improvements \$3,589,000 was spent on eight projects at the Donald C. Tillman Water Reclamation Plant that: <ul style="list-style-type: none"> 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 odors control at the plant \$2,074,000 was spent on eight projects at the Terminal Island Water Reclamation Plant that: <ul style="list-style-type: none"> o Improve process equipment and physical treatment of the wastewater o Provide recycled water for non-portable use o Provide upgrades to the solids handling facilities o Provide process control for all treatment systems at the plant 	\$ 27,783,000
Systemwide	\$3,156,000 was spent on: <ul style="list-style-type: none"> o Consultant support during design and construction management o Small size capital projects less than \$500,000 o Video conferencing equipment improvements o Vehicles and equipment 	\$ 3,156,000
		\$ 82,219,000

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Fiscal Year 2021-22

Construction Fund (\$200,000,000)

Category	Project Description	Amount Expended as of June 30, 2022*
Collection System and Pumping Facilities	\$40,000 was spent on one collection system rehabilitation project. The rehabilitation of these aging sewers reduces the likelihood of sewage spills.	\$ 40,000
Systemwide	\$293,000 was spent on consultant support during construction management.	\$ 293,000
		\$ 333,000

* Expenditures rounded to the nearest thousand.