

City of Los Angeles
Sewer System Management Plan (SSMP)

Attachment A1

Documentation of Board of Public Works (Governing Board) Approval

DEPARTMENT OF PUBLIC WORKS
BUREAU OF SANITATION
BOARD REPORT NO. 1
MARCH 6, 2019

ADOPTED BY THE BOARD
PUBLIC WORKS OF THE CITY
of Los Angeles California

MAR 06 2019

CD: ALL


Executive Officer
Board of Public Works

FIVE-YEAR UPDATE OF THE CITY'S SEWER SYSTEM MANAGEMENT PLAN (SSMP)
PURSUANT TO THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD'S
(SWRCB) GENERAL WASTE DISCHARGE REQUIREMENTS (WDRS)

RECOMMENDATIONS

1. Approve the Five-Year Update of the City's Sewer System Management Plan (SSMP) transmitted herewith.
2. Upon approval authorize the Director of LA Sanitation and Environment (LASAN) or his designee to certify and transmit the SSMP to the SWRCB.

TRANSMITTALS

1. City of Los Angeles Sewer System Management Plan (SSMP) dated January 25, 2019.
2. City of Los Angeles SSMP Program Audit Report dated January 25, 2019.
3. City of Los Angeles SSMP, February 2014.
4. City of Los Angeles Original SSMP, February 2009.

DISCUSSION

Background

The Statewide General Waste Discharge Requirements (WDRs) for sanitary sewer systems provide consistent and comprehensive regulation of publicly owned sanitary sewer systems. As a part of the WDRs, public agencies are required to develop and implement a written Sewer System Management Plan (SSMP) to prevent sewer overflows and take mitigating measures when overflows do occur. SSMP updates are required every five years and must be approved by the public agencies' governing board, certified with the SWRCB and made publicly available.

Pursuant to the WDRs, the Board of Public Works approved the City's original SSMP in February 2009 and a five-year update in February 2014. The SSMP transmitted herewith represents the required 2019 update.

The WDRs, including the requirement for a written SSMP, apply to each sanitary sewer system owned or operated by public entities that is greater than one mile in length and collects and/or conveys untreated or partially treated wastewater to a publicly owned treatment facility.

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Accordingly, the City's sewer system is divided into the following three sanitary sewer systems which are regulated under separate permit coverages.

1. Hyperion System
2. Terminal Island System
3. Regional System (Harbor Gateway)

The maps included with the SSMP transmitted herewith show the service areas for these systems. Wastewater generated in the City's Regional System is treated at the Los Angeles County Sanitation Districts' (LACSD) Joint Water Pollution Control Plant located in the City of Carson under contractual agreement.

The City's SSMP integrates the various elements of its comprehensive asset management program into one plan, including the following principal elements:

- Source Control including the Fats, Oils, and Grease (FOG) Control Program and the Industrial Waste Pretreatment Program;
- Capital Improvement Program including sewer condition assessment, planning, design, repair, rehabilitation, replacement and upgrades;
- Operation & Maintenance including sewer inspection, cleaning, root control, odor and corrosion control; and
- Overflow Emergency Response Plan including containment, recovery, water quality impact monitoring and mitigation.

The following is a summary of the changes to the SSMP included with this five-year update:

- Organizational, staff, and contact information changes. A notable change is the branching of LASAN's former Wastewater Collection Systems Division (WCSD) into two new divisions during Fiscal Year 2018-19, to provide for a more manageable coverage and sufficient focus on critical work elements. The new divisions are the Clean Water North Collection Division (CWNCD) and the Clean Water South Collection Division (CWSCD).
- With the above organizational change, LASAN also added two Legally Responsible Officials (LROs) as backup to the primary LRO. This will provide added assurance for uninterrupted coverage as all State-required reports, notifications, and other information must be signed and certified by an LRO, usually on specified timelines. LRO is defined as a principal executive officer or ranking elected official of the public agency, or a duly authorized representative of that person. The City's three designated LROs are Sanitation Wastewater Managers in the newly formed Collection Divisions who have responsibility for the overall operation of the sewer system.

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- To reduce paperwork and provide for a more efficient records management, the previous three SSMPs for the Hyperion, Terminal Island, and Regional (Harbor Gateway) Systems have been combined into one SSMP document.
- Other updates include miscellaneous program modifications in response to changing work program requirements or to optimize business processes that have occurred since the last SSMP update.

LASAN led the efforts for the SSMP review and update in collaboration with the Bureaus of Engineering and Contract Administration. These efforts also included a self-audit of the City's SSMP that was completed in January 2019 and is transmitted herewith. Self-audits are also a requirement of the WDRs which must be conducted at least once every two years to review the SSMP for compliance with the WDRs and for effectiveness in controlling and responding to sewer overflows.

For this cycle, LASAN retained the services of consulting firm HDR, Inc., for both SSMP audit and update under the Task Order Solicitation (TOS) SN-86. HDR's Audit Report confirms that in general, the City's SSMP is in full compliance with the WDRs and very effective in controlling the number of sewer overflows. The Audit Report also contains recommendations for improvements which are provided on Pages 37 through 46 of the Report and will be evaluated, developed and implemented as appropriate.

The SSMP will be presented to the Board of Public Works for approval again if significant changes are made as a result of implementing any adopted recommendations of the Audit Report

STATEMENT AS TO FUNDS

The City's Sewer System Management Plan is funded by the Sewer Construction and Maintenance Fund. Statement of any fiscal impact will be provided in future Board Reports for the implementation of various elements of the SSMP that require the Board's action as appropriate.

CONCLUSION

LASAN, therefore, submits the City's SWRCB's SSMP dated January, 25 2019 for the Board's approval. Upon your adoption of this Board Report and LASAN's certification of the updated SSMP in the California online database, an electronic copy of the SSMP and related documents will be made available to the public online at www.lacitysan.org/ssmp. Paper copies will be available upon request.

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(AP, EG, BGB, LBM, SK)

Respectfully submitted,

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