



THE METROPOLITAN WATER DISTRICT
OF SOUTHERN CALIFORNIA

Board Report

Safety, Regulatory, and Training Section

- **Report of Environmental, Health, and Safety for the Fourth Quarter of 2023**

Summary

The Safety, Regulatory, and Training Section in the Office of Safety, Security and Protection is responsible for overseeing Metropolitan's compliance with environmental, health and safety (EHS) regulations and procedures. This report provides an update on Metropolitan's EHS program activities and key initiatives for the period October through December 2023; the next quarterly EHS report will be issued in April 2024.

Purpose

Informational

Detailed Report

Implementing National Safety Council Recommendations

Metropolitan continues to partner with the National Safety Council (NSC) to address high priority safety issues. One of these priorities is to improve safety training completion rates. NSC is collaborating with Metropolitan's training staff to review and adopt best industry practices and key performance metrics to increase efficiency and effectiveness of employee safety training. In addition, NSC met with the Office of Diversity, Equity, and Inclusion (DEI) to ensure the DEI Strategic Plan and NSC efforts and messaging goals for improving Metropolitan's safety culture and employees' psychological safety align with each other.

Advanced Clean Fleet Initiative

The Zero Emission Vehicle (ZEV) field trial efforts are ongoing. During the November 2023 Santa Monica Feeder shutdown, staff field tested a recently purchased Ford Lightning truck; and the vendor provided ZEV as follows: 24-foot electric stake bed truck, a Class 4 electric box truck, two trailer-mounted mobile power charging units, and a portable DC fast charger. The field testing provided beneficial operational feedback for use of this equipment in the future. This effort supports Metropolitan's Climate Action Plan goals and compliance with California's Advanced Clean Fleet regulation.



24-Foot Electric Stake Bed Truck



Class 4 Electric Box Truck

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Process Safety Management (PSM)/ Risk Management Plan (RMP), California Accidental Release Program (CalARP) Audits

Three-year internal PSM/RMP/CalARP compliance audits were completed at all five water treatment plants and Chemical Unloading Facility. These triennial internal audits are required under regulation and determine the level of compliance of Metropolitan's chlorine system operations with regulatory requirements. They are intended to verify that the programs, procedures, and practices for the chlorine systems operations comply with the regulations. Based on the review of PSM/RMP/CalARP related documentation and interviews with facility personnel, Metropolitan's level of compliance with the regulations was rated as high. Opportunities for improvement with regards to training were identified, and staff will continue to work on the implementation of these recommendations.

Key EHS Performance Measures

Metropolitan has been tracking the success of the EHS program since 2010 using key performance indicators (KPIs) applied by many leading organizations. These KPIs fall into two categories: Leading Indicators, which are proactive efforts to improve EHS performance, and Lagging Indicators, which measure the effectiveness of preventive measures. The July through September 2023 KPIs for Metropolitan's EHS program are shown below. Note, October through December KPI results are not yet available and will be included in the next quarter EHS report issued in April 2024.

EHS KPIs (July through September 2023)			
KPI	Type	Goal	Result ¹
Safety Inspection Completion Rate	Leading	90%	99%
Mandatory Safety Training Completion Rate	Leading	90%	91%
Toolbox Completion Rate (every 10 days)	Leading	90%	95%
Safety Committee Meeting Rate (once per quarter)	Leading	90%	100%
Recordable Injuries	Lagging	0	6
Regulatory Violations	Lagging	0	2
Reportable Chemical Spills	Lagging	0	4

¹ Green shading denotes goal met and yellow shading denotes goal was not met.

For this quarter, all goals for leading KPIs were achieved with $\geq 90\%$ completion rate. Metropolitan facilities recorded a total of 4 reportable spills. Two were minor chlorine gas releases related to system maintenance and testing. The other two were spills resulting from (1) a damaged fluorosilicic acid tank, and (2) a broken water line that resulted in a discharge of service water into Bull Creek at the Jensen Treatment Plant facility.

Regulatory Agency Inspections

During the July through September 2023 period, Metropolitan facilities underwent a total of 10 regulatory agency inspections, conducted by local air quality, sanitation, health, and fire departments. Metropolitan received two violations. One was related to air-quality violations associated with asbestos remediation by a contractor in a Metropolitan Capital Investment Project. The other was related to monthly tank inspections as required under a facility Spill Prevention, Control, and Countermeasure (SPCC) plan. The final status of both issues is pending resolution. Note, October through December regulatory inspections will be included in the next EHS report issued in April 2024.

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Cal/OSHA Inspections

During the July through September 2023, there were not any Cal/OSHA inspections. Note, October through December Cal/OSHA inspections will be included in the next EHS report issued in April 2024.