



# CITY OF SAN MATEO

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## Agenda Report

Agenda Number: 14

Section Name: {{section.name}}

Account Number: 10-4677

File ID: {{item.tracking\_number}}

**TO:** City Council

**FROM:** Alex Khojikian, City Manager

**PREPARED BY:** Public Works Department

**MEETING DATE:** September 03, 2024

**SUBJECT:**

Marina Lagoon Vegetation and Water Quality Management – Amendment No. 8

**RECOMMENDATION:**

Approve Amendment No. 8 to the professional services agreement with Waterworks Industries, Inc. for Aquatic Vegetation Management at the Marina Lagoon in the amount of \$238,000, for a new agreement total of \$2,094,960; and authorize the Public Works Director to execute Amendment No. 8 in substantially the form presented and issue amendments within the agreement amount.

**BACKGROUND:**

On February 3, 2020, City Council awarded Waterworks Industries, Inc. (Waterworks) a three-year professional services agreement in the amount of \$539,730 (Agreement). Waterworks' scope of work includes weekly inspections, water quality monitoring and reporting, regulatory support, algaecide and herbicide applications, vegetation harvesting, and debris removal and disposal. The current agreement expires February 3, 2025.

The Marina Lagoon is a dynamic environment, which makes it difficult to predict the most effective and efficient management strategies for any given year. Nuisance aquatic vegetation species are widgeongrass (*Ruppia maritima*) and filamentous algae (*Cladophora*). Left unchecked, these species proliferate to the point of interfering with motor boating and swimming; and pose odor and visual impacts to recreational users and adjacent residents. Due to warming water, shallowing of the water due to sedimentation, chemical restrictions, and other factors, the lagoon is producing an abundance of nuisance vegetation, which has required additional chemical treatments and mechanical harvesting to manage effectively.

Seven previous amendments have added additional scope, funds, and extended the Agreement to five years, bringing the current Agreement amount to \$1,856,960. The previous amendments were as follows:

- Amendment No. 1 in June 2020, added \$93,000 in approved contingency necessary to effectively manage the lagoon.
- Amendment No. 2 in August 2020, City Council approved adding additional work including developing a Management Plan.
- Amendment No. 3 in May 2021, added \$181,480 to fund an increase in the frequency and tasks as provided in the scope of work.
- Amendment No. 4 in September 2022, added an additional \$50,000 of the contingency to fund an increase in the frequency and tasks as provided in the scope of work
- Amendment No. 5 in November 2022, City Council approved adding \$830,000 and extended the term of the Agreement to March 2024.
- Amendment No. 6 in March 2024, extended the term of the Agreement through February 3, 2025 (final year).

- Amendment No. 7 in August 2024, added the remainder of contingency funds in the amount of \$117,980 to the Agreement.

Waterworks harvested approximately 80 tons of vegetation in 2021, which increased to 400 tons in 2022. In 2023, using a more effective but more costly herbicide, Imazamox, the amount harvested in 2023 decreased to approximately 100 tons. In 2024, Waterworks has applied Imazamox twice as well as aquatic dyes and so far, has not needed to operate the harvesters. Additional funding is needed to fund services provided that were necessary to maintain water quality, regulatory compliance, recreational capabilities, and aesthetics.

The proposed amendment requests \$238,000 from the Marina Lagoon operating budget. The increased costs are due to a combination of circumstances including 1) environmental factors and increased growth; 2) regulatory compliance; 3) product label changes and restrictions; 4) additional scope of work for inspections, water quality monitoring, consulting hours, and alternative treatment options; and 5) increased costs for products, equipment, fuel, disposal, and labor.

Based on the above, staff recommends for City Council to approve Amendment No. 8 in the amount of \$238,000, for a new total Agreement amount of \$2,094,960.

**BUDGET IMPACT:**

Sufficient funding is budgeted in the FY 2024-25 Marina Lagoon program operating budget.

**ENVIRONMENTAL DETERMINATION:**

This project is categorically exempt from CEQA as an “existing facility,” because it consists of the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of existing or former use. (CEQA Guidelines Section 15301.)

**NOTICE PROVIDED**

All meeting noticing requirements were met.

**ATTACHMENTS**

Att 1 – Amendment No. 8

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