



# STAFF REPORT

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**Meeting Type:** Board of Directors  
**Title:** Approve Contract MA-6356 with O'Connor Environmental Inc.  
**From:** Shaun Horne, Director of Watershed Resources  
**Through:** Ben Horenstein, General Manager  
**Meeting Date:** October 1, 2024

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**TYPE OF ACTION:**      X      Action                              Information                              Review and Refer

**RECOMMENDATION:** Approve MA-6356 with O'Connor Environmental Inc. for Lagunitas Creek sediment and streambed monitoring to support WR95-17 compliance and guide ongoing restoration planning in the amount of \$154,443

**SUMMARY:** The District conducted a request for proposals (RFP) in 2020 for sediment and streambed monitoring in accordance with the Lagunitas Creek Stewardship Plan under State Water Board Order WR95-17. The District received four proposals and selected O'Connor Environmental Inc. (OEI) based on cost, qualifications, and previous work history in the watershed. OEI was contracted under agreement MA-5858, which expired in December 2021 and was extended through June 2023. Staff is recommending that OEI's services be retained through a new professional services agreement for work identified in the attached scope and budget to continue sediment and streambed monitoring for compliance with Order WR95-17 and to guide ongoing restoration planning and assess effectiveness. This item was presented and reviewed at the September 19, 2024 meeting of the Board of Directors Watershed Committee and referred to a regular Board meeting for approval.

**DISCUSSION:** O'Connor Environmental Inc. (OEI) has been conducting sediment and streambed monitoring in the Lagunitas Creek watershed since 2012. OEI was selected by the District during a request for proposal (RFP) process in 2020 to provide monitoring services in accordance with the Lagunitas Creek Stewardship Plan under State Water Board Order WR95-17. OEI's contract MA-5858 expired in December 2021 and was extended through June 2023. At the request of District Fisheries staff, OEI developed a scope of work and budget to continue Lagunitas Creek streambed and sediment monitoring in Lagunitas Creek through 2026. OEI's sediment and streambed surveys in Lagunitas Creek will be focused in Samuel P. Taylor State Park, where the District is currently implementing restoration. The primary focus of this two-year monitoring contract is to develop data sets describing streambed conditions related to the District's instream habitat enhancement work in 2024 and 2025. The habitat structures being installed, comprised of large logs and boulders, are expected to significantly affect streambed morphology and sediment dynamics. OEI's monitoring approach is intended to measure

and quantify these effects following implementation and provide a baseline dataset for long term comparison.

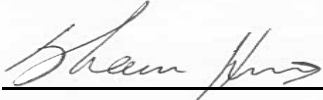

Streambed and sediment monitoring data will include pre- and post-construction streambed conditions as characterized by sediment facies, spawning gravel size distributions, and volume of large wood material. In addition, streambed scour will be monitored to evaluate the effect of the instream habitat structures on spawning habitat. Large woody material data will be compared to assess attainment of targets set forth in the Lagunitas Creek Sediment TMDL.

**ENVIRONMENTAL REVIEW:** Not applicable.

**FISCAL IMPACT:** The total cost of OEI’s streambed and sediment monitoring is \$154,443, to be spread across FY25 and FY26. Funding for this contract is allocated in the FY25 Fisheries operations budget and will be included in the FY26 Fisheries operations budget request.

**ATTACHMENT(S):**

1. O’Connor Environmental Inc. Contract MA-6356

DEPARTMENT OR DIVISION	DIVISION MANAGER	APPROVED
Watershed		
	<b>Shaun Horne</b> Watershed Resources Director	<b>Ben Horenstein</b> General Manager