



Memorandum

Date:	April 30, 2013
To:	Jeff Wingfield Environmental Manager Port of Stockton
From:	Michael Wingfield Project Manager ICF International
Subject:	Addendum to 2012 Port of Stockton Dock 20 Aerator Operations, Maintenance and Cost Summary

On February 28, 2013, a summary of 2012 Port of Stockton Dock 20 Aerator operations, maintenance, and costs was prepared. At the time the memo was drafted much of the financial data for 2012 had not yet been released; therefore, the summary included an estimate of the expected costs for all parties signatory to the *Agreement for Funding & Operation of Dissolved Oxygen Aeration Facility*. The financial data has since been released, and this addendum provides an accounting of the total costs associated with 2012 operations (Table 1) and a breakdown of the cost allocation (Table 2).

The data presented in this addendum align closely with that provided in the estimate. However, unlike the estimate, these data include costs incurred during periods of non-operation in November and December 2012, including costs for electricity¹ and technical support (reporting and dissolved oxygen monitoring).

¹ Certain electronic components of the facility are never completely powered down.

Table 1. Costs for Operation and Maintenance of the Dock 20 Aerator—2012

Time/Materials	September	October	November	December
Technical services, including daily DO monitoring, onsite maintenance and operation, and reporting	\$7,139 ²	\$2,970	\$1,436	\$1,838
Bulk liquid oxygen	\$34,481	\$0 ³	\$0	\$0
Electric utility	\$13,129	\$1,678	\$48	\$48 ⁴
Monthly Subtotal	\$54,750	\$4,648	\$1,483	\$1,886
Grand Total				\$62,766

Table 2. Operations Funding Allocations—2012

Stakeholder	Contribution
Port of Stockton—33.33%	\$ 20,920
San Joaquin River Group—25.00%	\$ 15,691
San Luis & Delta-Mendota Water Authority and San Joaquin Valley Drainage Authority—25.00%	\$ 15,691
State Water Contractors—16.67%	\$ 10,463
Total	\$ 62,766

² All amounts rounded to the nearest whole dollar; therefore, totals are +/- \$1.

³ Oxygen was purchased in October but was included in September invoicing.

⁴ Amount estimated as data not available.