



Legislation Text

File #: 20-157, **Version:** 1

Report Prepared by: Jeremy Geiger, Water Quality Control Division Supervisor

SUBJECT: Approval of First Amendment to the Agreement with McCampbell Analytical, Inc., in the Additional Amount of \$20,500, for a Total Not-to-Exceed Amount of \$68,428, for Additional Accelerated Monitoring Testing

REPORT IN BRIEF

Considers approving a First Amendment with McCampbell Analytical, Inc., for an additional amount of \$20,500 for additional accelerated monitoring testing.

RECOMMENDATION

City Council - Adopt a motion:

- A. Approving the First Amendment to Agreement for Professional Services with McCampbell Analytical, Inc., for an additional amount not to exceed \$20,500 for additional accelerated monitoring testing; and,
- B. Authorizing the City Manager or the Assistant City Manager to execute the necessary documents.

ALTERNATIVES

- 1. Approve, as recommend by Staff; or,
- 2. Approve, subject to other than recommended by Staff; or,
- 3. Deny; or,
- 4. Refer to Staff for reconsideration of specific items; or,
- 5. Continue to a future meeting.

AUTHORITY

Merced Municipal Code Title 3, Chapter 3.04, Article III - Purchases Over Twenty-Five Thousand Dollars.

CITY COUNCIL PRIORITIES

As provided for in the 2019-20 Adopted Budget.

DISCUSSION

The Wastewater Treatment Facility (WWTF) operates under a National Pollutant Discharge Elimination System (NPDES) Permit. The NPDES requires the WWTF to conduct chronic whole effluent toxicity testing to comply with the Basin Plan's narrative toxicity objective. In addition, the WWTF is required to investigate the cause of any toxicity and identify corrective actions to reduce or

eliminate effluent toxicity.

The NPDES permit further states that should the numeric toxicity monitoring trigger be exceeded, the WWTF would be required to initiate accelerated monitoring within 14 days. If the numeric toxicity monitoring trigger is exceeded during accelerated monitoring, the WWTF will then be required to initiate a Toxicity Reduction Evaluation (TRE) work plan.

The chronic toxicity monitoring results in October 2019 were reported as having a contributing toxicity effect on the receiving water with a "fail" result for Ceriodaphnia dubia reproduction. This triggered the WWTF to initiate accelerated monitoring. The cost for accelerated monitoring was not included in the original contract.

A chronic toxicity test for Ceriodaphnia dubia, including reference toxicity and courier services cost a total of \$2,050. Accelerated monitoring requires four consecutive tests with a "pass" result. If one of the accelerated monitoring tests results in a "fail", an additional four consecutive tests would need to be performed with a "pass" result for each test. Potentially up to ten (10) sample events could occur at \$2,050 per test equaling \$20,500.

History and Past Actions

On June 17, 2019, City Council approved an agreement with McCampbell Analytical, Inc., to conduct bioassay laboratory services for a two-year period ending on June 30, 2021, for an annual cost of \$23,964.

IMPACT ON CITY RESOURCES

There are sufficient funds available in 553-1108-532-17.00 Professional Services account line.

ATTACHMENTS

1. First Amendment to the Professional Services Agreement