

TO: Thomas Frutchey, City Manager
Dick McKinley, Public Works Director

FROM: Matt Thompson, Wastewater Resources Manager

SUBJECT: Laboratory Services for Development of Local Limits for Discharges to the Wastewater System

DATE: September 20, 2016

Needs: For City Council to consider authorizing the City Manager to enter into an agreement with Fruit Growers Laboratory Inc. (FGL) for laboratory services required to develop updated local limits for the City wastewater system.

- Facts:
1. Local limits are numeric limits identified in Chapter 14 of the Municipal Code that restrict how much of certain pollutants may be discharged into the City's wastewater system by industries. Local limits protect the sewage collection system, City staff, and the wastewater treatment plant (WWTP).
 2. The upgraded WWTP removes pollutants more effectively than the old plant, so the existing local limits must be updated. Having clearly established local limits can be helpful in economic development efforts to recruit industries because they can accurately predict the levels of industrial pretreatment that will be required. With the better performance of the new WWTP, some industries may have to do less pretreatment than they would have had to do with the old treatment plant.
 3. The Regional Water Quality Control Board requires the local limits be developed in strict accordance with Title 40, Part 403 of the Code of Federal Regulations as part of the development of a mandated Pretreatment Program.
 4. In January 2016, the City hired Larry Walker Associates (LWA) to develop updated local limits. LWA prepared a local limits sampling work plan based on U.S. Environmental Protection Agency guidelines. The sampling plan includes sampling for multiple pollutants at six locations over seven consecutive days. Sampling is required to characterize wastewater coming from residential, commercial, and industrial sources, and to accurately assess the performance of the upgraded WWTP.
 5. FGL currently provides professional laboratory services to the City, for laboratory work that the City is not equipped to do at the WWTP. FGL is certified to analyze samples for the many pollutants required to fulfill the local limits sampling plan.
 6. FGL proposes to pick up samples and conduct all the laboratory work needed to fulfill the local limits sampling plan for a fee of \$25,187.

Analysis

& Conclusion: The proposed services require certification by the State's Environmental Laboratory Accreditation Program (ELAP), thus qualifies as a "professional service" under the City's Purchasing and Payment Procedures Manual. FGL is ELAP-certified. FGL

uses state-of-the-art analytical methods and is able to achieve the low detection limits required to develop technically-based local limits. FGL has effective quality control procedures, which lends credibility to the analytical results and ultimately the local limits. FGL operates from San Luis Obispo and Santa Paula (in Ventura County) and provides courier service on weekends, thus is able to pick up and analyze the samples within the required time period.

It would be in the best interest of the City to enter an agreement with FGL for laboratory services required to develop updated local limits. After FGL completes the laboratory work, LWA will use the analytical results to update the City's local limits and publish a study. After LWA completes its study, staff will prepare and present an update to the Municipal Code.

Policy

Reference: Code of Federal Regulations, Title 40, Part 403.5(c)

Fiscal

Impact: The adopted budget for the current fiscal year includes \$41,000 for laboratory services for development of local limits (Budget No. 6013560-52273). The proposed expenditure of \$25,187 is within this budget.

Options:

- A. Approve Resolution No 16-XXX, authorizing the City Manager to enter into an agreement with Fruit Growers Laboratory Inc. for laboratory services required to develop updated local limits, for an amount not to exceed \$25,187; or
- B. Amend, modify, or reject the above option.

Attachment:

- 1. Resolution No. 16-XXX

RESOLUTION NO. 16-XXX

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL PASO DE ROBLES
AUTHORIZING THE CITY MANAGER TO ENTER INTO AN AGREEMENT WITH
FRUIT GROWER LABORATORY INC. FOR LABORATORY SERVICES REQUIRED TO
DEVELOP UPDATED LOCAL LIMITS

WHEREAS, local limits are numeric limits in the sewer use part of the Municipal Code that restrict how much of certain pollutants may be discharged in the City's sewer system by industries; and

WHEREAS, the City's upgraded wastewater treatment plant removes pollutants more effectively than the old plant, so the existing local limits must be updated; and

WHEREAS, the Regional Water Quality Control Board requires the local limits be developed in strict accordance with Title 40, Part 403 of the Code of Federal Regulations; and

WHEREAS, in January 2016, the City hired Larry Walker Associates (LWA) to develop updated local limits. LWA prepared a local limits sampling work plan based on U.S. Environmental Protection Agency guidelines. The sampling plan includes sampling for multiple pollutants at six locations over seven consecutive days; and

WHEREAS, Fruit Growers Laboratory Inc. (FGL) currently provides professional laboratory services to the City. FGL is certified to analyze samples for the many pollutants required to fulfill the local limits sampling plan; and

WHEREAS, FGL proposed to pick up samples and conduct all the laboratory work needed to fulfill the local limits sampling plan for a fee of \$25,187; and

WHEREAS, it would be in the best interest of the City to enter an agreement with FGL for laboratory services required to develop updated local limits. FGL is able to pick up and analyze the samples within the required time period. FGL uses state-of-the-art analytical methods and is able to achieve the low detection limits required to develop technically-based local limits. FGL has effective quality control procedures; and

WHEREAS, the adopted budget for the current fiscal year includes \$41,000 for laboratory services for development of local limits (Budget No. 6013560-52273). The proposed expenditure is within this budget.

NOW, THEREFORE, BE IT RESOLVED AS FOLLOWS:

Section 1. The City Manager is hereby authorized to enter into an agreement with Fruit Growers Laboratory Inc. for laboratory services required to develop updated local limits, for an amount not to exceed \$25,187.

Section 2. The City Manager is authorized to make minor changes in the agreement, if necessary, to best meet City needs.

PASSED AND APPROVED by the City Council of the City of El Paso de Robles this 20th day of September 2016, by the following vote:

AYES:
NOES:
ABSENT:
ABSTAIN:

ATTEST:

Steven W. Martin, Mayor

Kristen L. Buxkemper, Deputy City Clerk