

RESOLUTION NO. 91-62

A RESOLUTION OF THE CITY COUNCIL
OF THE CITY OF PASO ROBLES
AUTHORIZING A CONSULTANT SERVICES CONTRACT WITH STAAL, GARDNER
AND DUNNE, INC. FOR PREPARATION OF QUARTERLY AND ANNUAL
MONITORING REPORTS FOR THE PASO ROBLES LANDFILL

WHEREAS, Staal, Gardner and Dunne, Inc. has been working with the Public Works Department providing monitoring wells and extensive water quality testing for the past few years; and

WHEREAS, Staal, Gardner and Dunne, Inc. were asked to submit a proposal for preparation of quarterly and annual water monitoring reports for 1991-92 fiscal year to meet the Monitoring and Report Program established by the Regional Water Quality Control Board; and

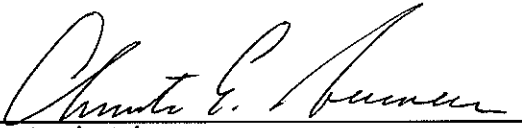
WHEREAS, Staal, Gardner and Dunne, Inc. would prepare a specially mandated report due September 22, 1991 for submittal to the Water Quality Control Board identifying constituents of concern for a monitoring program and propose numerical limits to be established for water quality standards.

NOW, THEREFORE, BE IT RESOLVED AS FOLLOWS:


Section 1. That the City Council authorize execution of the contract with Staal, Gardner and Dunne, Inc. for preparation of quarterly and annual water monitoring reports for the 1991-92 fiscal year for a fee of \$19,000, and authorize preparation of the mandated report due to Water Quality Control Board by September 22, 1991.

PASSED AND ADOPTED by the City Council of the City of Paso Robles, this 7th day of May, 1991, on the following vote:

AYES: Russell, Reneau, Martin, Picanco and Iversen
NOES: None
ABSENT: None


Christian E. Iversen, Mayor

ATTEST:


Jerry Bankston, City Clerk

RECEIVED
APR 19 1991
DEPT. OF PUBLIC WORKS

Staal, Gardner & Dunne, Inc.

SGD

Consulting Engineers and Geologists

City of El Paso de Robles
Department of Public Works
Post Office Box 307
Paso Robles, California 93447

April 16, 1991

Reference PS2339

Attention: Mr. John McCarthy
Public Works Director

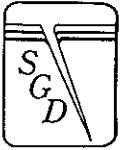
Subject: Proposal for Preparation of Quarterly and Annual Water Quality
Monitoring Reports for the Paso Robles City Landfill.

Dear Mr. McCarthy:

Staal, Gardner & Dunne, Inc. (SGD) is pleased to submit this proposal for preparation of the required quarterly and annual monitoring reports for the Paso Robles City Landfill. The landfill is owned by the City of El Paso de Robles (City) and operated by a contract operator. The City has retained the responsibility for regulatory compliance. The recently revised Monitoring and Reporting Program (MRP) issued as part of Waste Discharge Requirements (WDRs) order No. 88-33 by the California Regional Water Quality Control Board-Central Coast Region (RWQCB), requires that monitoring reports be submitted quarterly, and summarized in an annual report. Specific requirements for these reports and a schedule for their submittal is included in the MRP.

In addition to the quarterly and annual reporting requirements that will be required on an on-going basis, an additional report is required during 1991. This report is to submit to the RWQCB a proposal that identifies the constituents of concern for the monitoring program and proposes numerical limits to be established for water quality protection standards (WQPS) for these constituents. The regulatory strategy used by the RWQCB is to compare the concentrations of the constituents of concern found at compliance point wells to the WQPS. Compliance point well concentrations in excess of the WQPS will be viewed as an indication of possible leakage of contaminants from the landfill. The WQPS numerical limits are to be established based on the statistical analysis of the background well concentration data. The report, which presents the proposed WQPS limits, is required to be submitted to the RWQCB by September 22, 1991.

SGD understands that the City intends to continue with collection and analysis of the water quality samples using City staff. However, the City would like to have some assistance with the preparation of reports. We believe that this can be most effectively performed by establishment of an annual services contract. Within the scope of this contract will be preparation of four



quarterly reports, one annual report, and for the 1991 contract, preparation of the WQPS proposal report. Although it is not presently anticipated that there will be additional work beyond these three identified specific tasks, the structure of the contract as an annual services contract will allow flexibility to perform any additional services required on a time and materials basis. For purposes of this proposal, the identified scope of services is summarized as the following three tasks:

TASK 1 - QUARTERLY REPORTING (FOUR QUARTERS)

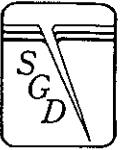
On a quarterly basis, SGD will compile the water quality data and complete the requirements for quarterly reporting. City staff will submit to SGD copies of the sampling documentation and chain-of-custody information, and will direct the City-contracted analytical laboratory to send a copy of the analytical results directly to SGD. With these data, SGD will perform the calculations to determine ground water flow direction and velocity, and will prepare the required map. The data will be summarized in tables and all monitoring data available to date will be included in a spreadsheet and printed as an Appendix. A report similar to that previously prepared under the SWAT program by SGD for the monitoring data will be submitted directly to the RWQCB. Monitoring reports will be sent by certified mail. If requested, the water quality data can be submitted to the City or the RWQCB as a spreadsheet file on a computer disk.

TASK 2 - ANNUAL REPORT

The next required annual monitoring report is to be submitted by March 1, 1992. The annual report is to summarize the water quality data from the previous year. Typically, the data are statistically analyzed and plotted for graphical presentation. Analyses of the data are performed to identify any apparent water quality trends.

TASK 3 - WQPS PROPOSAL

Preparation of this report will require careful review of background water quality data. The statistical distribution of the background data is the basis for establishment of the numerical limits of the WQPS. Typically, the WQPS will be established at a value close to the maximum value that would be expected to occur at the background well, using a tolerance limit or prediction interval approach. Also included in the scope of this report is identification of an appropriate list of constituents of concern for the site.



SGD proposes to perform these three tasks on a time and materials basis in accordance with our current Fee Schedule (enclosed). We anticipate that the costs associated with performing these identified tasks will be approximately as indicated below.

TASK 1	-	QUARTERLY REPORTING (FOUR QUARTERS)	\$ 4,000
TASK 2	-	ANNUAL REPORT	5,000
TASK 3	-	WQPS PROPOSAL	<u>10,000</u>
TOTAL ESTIMATED COST:			\$ 19,000

For purposes of a contract, we suggest it would be appropriate to establish a budget of not-to-exceed \$20,000. The cost of services will be invoiced monthly on a time and materials basis. If additional work is required, a written cost estimate for performance of any additional services will be submitted to the City, and an amendment to increase the budget of this contract can be completed.

Attached for your review are two copies of SGD's General Terms and Conditions. If acceptable, return of a fully executed copy of these General Terms and Conditions will be considered by SGD to be notice to proceed with this project. Alternatively, we will be happy to review a City contract. We appreciate your request for this proposal and look forward to continuing to work with the City at this site.

Sincerely,

STAAL, GARDNER & DUNNE, INC.

A handwritten signature in cursive script, appearing to read 'David A. Gardner', is written over the typed name and title.

David A. Gardner
President

DG:ET:tg/P2

Enclosures: Fee Schedule
General Terms and Conditions