

TO: James L. App, City Manager
FROM: Brad Hagemann, Water Resources Manager
SUBJECT: City Landfill: Liner Repair Monitoring
DATE: February 15, 2005

NEEDS: For the City Council to consider procuring services to design and install one monitoring well and two vapor probes at the landfill in response to a liner tear and subsequent repair.

FACTS:

1. The City's landfill Operator/Engineer, Pacific Waste Services, tore and subsequently repaired the landfill liner in March 2000. The liner incident was not reported to the City until mid-2003 and, subsequently, to regulatory agencies in July 2003.
2. Todd Engineers prepared a Work Plan for monitoring potential impacts from the liner tear.
3. The Work Plan recommended installation of one ground water monitoring well and two vapor probes. It was submitted to the Regional Water Quality Control Board (RWQCB) in December 2004 and subsequently approved in January, 2005, requiring a completion date of July 2005.

**ANALYSIS
AND**

CONCLUSION: In order to implement and complete the approved Work Plan by July 2005 an engineering firm must immediately prepare well drilling specifications and, once under construction, coordinate and supervise the well drilling and vapor probe installation; and coordinate the ground water and vapor sampling, as well as prepare a report for the regulatory agencies documenting completion of the work. Todd Engineers can complete the needed design and coordination work at a fee of \$34,079.

The vapor probe and well installation is estimated to cost \$100,000. In order to meet the RWQCB's deadline, advance authorization to award the drilling contract to the lowest responsible bidder at an amount not to exceed \$100,000 is requested.

POLICY

REFERENCE: Regional Water Quality Control Board order to install ground water and vapor sampling system by July 2005.

FISCAL

IMPACT: Allocation of additional funding to cover this work will impact General Fund reserves in an amount not to exceed \$134,100. Reimbursement from the Landfill Operator/Engineer is expected.

- OPTIONS:**
- a.** Adopt Resolution No. 05-xx appropriating \$134,100 from General Fund reserves; authorizing the City Manager to execute a contract with Todd Engineers for engineering work associated with the Work Plan implementation; awarding a contract for the vapor probe and well installation to the lowest responsible bidder; and authorizing the City Manager to execute documents necessary to obtain reimbursement for all such costs from Pacific Waste Services.
 - b.** Amend, modify, or reject the above option.

Attachments:

1. Resolution authorizing contract awards for design and installation of two vapor wells and one monitoring well.
2. Regional Water Quality Control Board Letter, dated January 10, 2005.

RESOLUTION NO. 05-

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PASO ROBLES AUTHORIZING
CONTRACT AWARDS FOR DESIGN AND INSTALLATION OF TWO VAPOR PROBES AND ONE
MONITORING WELL AT THE PASO ROBLES CITY LANDFILL

WHEREAS, the City of Paso Robles has been ordered by the Regional Water Quality Control Board (the "Regional Board") to implement a monitoring plan designed to mitigate any potential impacts from a tear and subsequent repair of the liner system at the City's landfill by July 1, 2005; and

WHEREAS, Todd Engineering has proposed providing engineering and coordination services to include preparation of well drilling specifications, and once under construction, coordination and supervision of well drilling and vapor probe installation; coordination of groundwater and vapor sampling and preparation of a report for the Regional Board and other regulatory agencies documenting completion of the work, for a fee of \$34,079; and

WHEREAS, in order to meet the time schedule established in approved Work Plan the Council will need to provide advance authorization to the City Manager to award the drilling contract to the lowest responsible bidder at an amount not to exceed \$100,000; and

WHEREAS, Pacific Waste Services ("PWS"), the operator of the Paso Robles City Landfill, has acknowledged responsibility for paying the costs of all work associated with the mitigation and remediation of any impacts resulting from the liner tear at the Landfill; and

WHEREAS, a total of \$134,100 is required to fund the engineering services, vapor probes and well installation.

NOW, THEREFORE, BE IT RESOLVED THAT:

SECTION 1. The City Council of the City of El Paso de Robles does hereby appropriate \$134,100 from General Fund reserves to Budget No. 100-310-5235-167 to fund design and installation of two vapor probes and one ground water monitoring well at the Paso Robles Landfill and authorizes the City Manager to award a contract for well drilling to the lowest responsible bidder in an amount not to exceed \$100,000.

SECTION 2. The City Council authorizes the City Manager to execute all documents necessary to have the City reimbursed by PWS for all costs incurred by City including, but not limited to, the engineering services, vapor probe installation and well drilling at the Landfill necessitated by the liner tear.

PASSED AND ADOPTED by the City Council of the City of Paso Robles this 15th day of February 2005 by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

Frank R. Mecham, Mayor

ATTEST:

Sharilyn M. Ryan, Deputy City Clerk



California Regional Water Quality Control Board

Central Coast Region



Terry Tamminen
Secretary for
Environmental
Protection

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Phone (805) 549-3147 • FAX (805) 543-0397

Arnold Schwarzenegger
Governor

January 10, 2005

Ms. Meg Williamson
City of Paso Robles
1000 Spring Street
Paso Robles, CA 93446

Dear Ms. Williamson:

DRAFT - PASO ROBLES CLASS III LANDFILL; LINER TEAR INVESTIGATION

Thank you for submitting your December 2, 2004 letter "Liner Tear Remediation Workplan" and attached July 2004 "Workplan for Well and Vapor Probe Installation to Monitor the Liner Repair Area," (July 2004 Workplan) prepared by Todd Engineers. We concur with the July 2004 Workplan.

By **July 1, 2005**, please submit to this office a report documenting implementation of the July 2004 Workplan and the initial analytical results from the new monitoring points.

The requested report is necessary to assess the effectiveness of the claimed repair to Module 2B's liner, which was torn in March 2000. Our request is made pursuant to Section 13267 of the California Water Code. Pursuant to Section 13268 of the Water Code, a violation of a request made pursuant to Water Code Section 13267 may subject the City of Paso Robles to civil liability of up to \$1,000 per day.

Any person affected by this action of the Regional Board may petition the State Water Resources Control Board (State Board) to review the action in accordance with section 13320 of the California Water Code and Title 23, California Code of Regulations, Section 2050. The petition must be received within 30 days of the date of this order. Copies of the law and regulations applicable to filing petitions will be provided upon request.

If you have questions, please call **Frank DeMarco at (805) 542-4638** or John Robertson at (805) 542-4630.

Sincerely,

Roger W. Briggs
Executive Officer