



MARK COLEMAN
Executive Director

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY

FRANK KEATING
Governor

February 4, 1999

CERTIFIED MAIL

Ms. Suzanne Silvester
F & K Plating
4420 N. Sewell
Oklahoma City, Oklahoma 73118

Re: Approval of Risk-Based Closure of the Interim Status Surface Impoundment
F & K Plating
EPA ID# OKD980425045

Dear Ms. Silvester:

On January 28, 1999, the Oklahoma Department of Environmental Quality (Department) received a petition from F & K Plating requesting final risk-based closure of the surface impoundment located at their facility. The surface impoundment was closed in accordance with the Closure Plan submitted to the Department on February 5, 1985 and later modified on August 8, 1996 and December 4, 1998.

A risk assessment for F&K Plating was completed in 1996. Findings of the assessment indicated that the facility had and is likely to continue to have a limited adverse impact on the groundwater beneath the facility as a result of disposal of characteristic hazardous waste in a small surface impoundment at the site. The uppermost aquifers in the Hennessey Shale have been contaminated by low concentrations of the heavy metals cadmium, chromium and lead. No evidence was found to indicate the deeper Garber/Wellington Sandstone aquifers had been or would be affected.

F & K Plating entered a groundwater monitoring program for these selected parameters as a means of monitoring the progress of metals contamination and to insure that the contamination is not likely to impact the Garber/Wellington in accordance with the guidelines established and approved by the Department. The facility completed the required three years of monitoring with the December 8, 1998 sampling event.

Following a review of the analytical results, the Department concluded in a letter dated January 20, 1999 that, in general, the concentrations of the metals being monitored have continually decreased and F & K Plating could petition for risk-based closure of the unit. Having received your request, the Department approves the closure of the surface impoundment located at the facility. Future monitoring of the site as required under the guidelines for closure of this impoundment will no longer be required.

The Department would like to thank you for your assistance in resolving this matter. If there are any questions or additional information you might need, please contact Kathleen Buckley of my staff at (405) 702-5101.

Sincerely,

Donald D. Barrett
Chief Environmental Engineer
Waste Management Division

Cc: Martha Mitchell, F&K Plating
Walter Roslik, Consulting Engineer