



Remedial Action Completion Certification

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION (LOP)
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December 4, 1996

Mr. Jeff Shapiro
American Xtal Technology
4311 Solar Way,
Fremont, CA 94538

Ref: Closure of site located at 6785D Sierra Court, Dublin, CA

Dear Mr. Shapiro:

I am in receipt of your documents, "Closure of Facility", dated July 17, 1996, and "Final Site Closure", dated September 30, 1996 for the above referenced property. These documents have been reviewed by this Department and the site has been evaluated for closure.

Due to the historical use of gallium arsenide crystals in the manufacturing process, in June 1996, initial sampling of the floor, metal ducting, and sheet rock were conducted to check for any arsenic contamination. The results of leachate analysis conducted on samples collected from the ducting and floor tiles and sheet rock indicated the presence of arsenic in concentrations of 20 ppb, 1500 ppb and 11,000 ppb respectively. The concentrations were below the California Title 22 STLC value of 5000 ppb for arsenic, except in the sample collected from the sheet rock which exceeded the STLC values.

The floors were initially decontaminated using an aqueous solution of ammonium hydroxide and hydrogen peroxide. However, since this solution also etched the surface of the slab, the surface of the floors were sandblasted using a system called "Blast Track". Following this treatment, six confirmation wipe samples were collected from the floor slabs and insignificant to non-detectable amount of arsenic was found in the samples.

Based on the concentrations detected in the samples, the debris from the processing area (sheet rock, ducting material, dust from sandblasting etc), was divided into non-RCRA hazardous waste, and non-hazardous waste for disposal purposes. The debris was finally disposed at the Altamont Landfill and the Chemical Waste Management Facility.

Based on the information provided to this Department, the site closure and demolition has been completed satisfactorily and the site does not pose a threat to public health. If you have any questions, you may reach me at (510) 567-6764.

Sincerely,

Madhulla Logan

Madhulla Logan
Hazardous Material Specialist