

PROJECT NAME: Clean Water Act Consulting Services

PROJECT DESCRIPTION:

The client is a manufacturer of multilayer, printed circuit boards. During the manufacture of circuit boards, waste water is generated which contains low levels of copper and other heavy metals. The client participates in the National Pollution Discharge Elimination Systems pretreatment program, with discharge limits are listed in the Notice of Discharge Requirements (NODR), of which the latest review is dated June 10, 1993. The NODR lists state discharge requirements for discharging waste water into the treatment plant for the Inverness Water and Sanitation District (IWSD).

The client retained EIS as a consultant to assist them with Clean Water Act pre-treatment compliance requirements. EIS immediately contacted Ms. Lillian Gonzalez of the Colorado Department of Health Water Quality Control Division (CDH/WQCD) by phone and followed up the conversation with a letter requesting an extension of the deadline for the client's submission of required plans. Ms. Gonzalez formally accepted the time extension predicated on the completion by March 15, 1994 of a report addressing the requirements listed on page 5 and 6 of the Industrial Uses Compliance Inspection (IUCI) for the client dated January 5, 1994, submission of biweekly updates and having the results of the February self-monitoring available for inspection prior to March 15.

Mr. Lieberman, of EIS, met with Pat Mulhern, of Inverness Business Park, and Terry Cunningham, of Inverness Water and Sanitation District (IWSD) on February 3, 1994 to discuss their systems requirements and the need for the district to control copper influent to its waste water treatment plant.

On February 3, 1994, EIS wrote a letter to the client delineating a specific plan for self-monitoring sampling for the month of February which included compositing of samples taken from the plating and etch shop. On March 1 a final report was produced which contained the following: a requirements implementation schedule, log for batch discharges, a detailed floor plan, notification of self monitoring, creation of a representative sample point, measurement of total water consumption, protection of drains, written sampling protocol, and toxic organic management plan.