

Intel Corporation  
5200 N.E. Elam Young Parkw:  
Hillsboro, OR 97124-6497

(503) 681-8080



*George*

September 10, 1992

Mr. George Davis  
Dept. of Environmental Quality  
Crown Plaza Bldg.  
1500 SW 1st, Suite 750  
Portland, OR 97201-5884

DEPT OF ENVIRONMENTAL QUALITY  
RECEIVED  
SEP 11 1992  
NORTHWEST REGION

*NDP #  
92-459  
sent 10/29/92  
GFD*

Dear Mr. Davis:

On August 27th, Intel received city water with exceptionally high total dissolved solids (TDS) concentration (197 mg/L). When we discovered the problem we diverted as much water as possible to the sanitary sewer, but still discharged 247 lb. of TDS from outfall 001, which exceeded our NPDES Permit limit of 200 lb./day.

Normally we receive Bull Run water from Tualatin Valley Water District (TVWD). While TVWD was diverting valves on August 27th to help the City of Hillsboro meet high water demands, Intel inadvertently received water from Hillsboro. The Hillsboro water has 14 times higher TDS than Bull Run water and 3 times higher TDS than the City of Portland well water for which we had been planning. The TDS concentration received at Intel was so high that discharging this city water at our normal flow rate and no concentration in our reverse osmosis equipment would have violated our permit.

The situation has been corrected by working with TVWD to get Intel back onto City of Portland water.

On August 13th and 20th incomplete samples were collected for chlorine, fluoride, and pH. This was caused by a misunderstanding between technicians who were taking additional samples for TDS in preparation for the City of Portland operating on well water at high TDS. Based on equipment operating data, I believe the plant was within permit limits for these parameters through-out the month.

The D1A discharge through outfall 002 came on line during the last week of August, so only one sample was taken.

If you have any questions, please call me at 642-6479.

Sincerely

John Harland  
Senior Environmental Engineer