



PHILIPS

Philips Semiconductors

June 11, 2001

Ms. Kirby Olson
Hazardous and Radioactive Materials Bureau
New Mexico Environment Department
2905 Rodeo Park Road
Building E
Santa Fe, NM 87502

Certified Mail: 7000 0520 0025 3143 7742

SUBJECT: Quarterly Progress Report

Dear Ms. Olson:

In compliance with Philips Semiconductors' HSWA permit (NMD000709782-1), modified March 18, 1996, this letter serves as the quarterly progress report as required. The following progress has been made between March 5, 2001, and June 11, 2001.

- *D.1(a) - A description of the work completed and an estimate of the percentage of work completed:* Quarterly groundwater monitoring was completed the week of April 16, 2001 for this quarter. Eleven (11) monitoring wells were sampled this quarter which included City of Albuquerque wells NCLF-2 through NCLF-9 and Philips wells MW-1, MW-2, and MW-4.
Also, the drilling of additional groundwater monitoring wells has begun this quarter. Starting in the last week of May, the contracted drilling company started installing MW-5. This well is located adjacent to MW-1, but will be set at a greater depth to monitor the vertical extent of contamination. Drilling of MW-6 will commence the week of June 11, 2001. This well will be located adjacent to the dry well MW-3. This well will provide data for the Northeast portion of the Philips property. A determination is currently being made if a third well can be placed North of our property on a City of Albuquerque easement. This well would be identified as MW-7.
- *D.1(b) - Summaries of all findings, including summaries of laboratory data:* A quarterly groundwater monitoring report (DBS & A; June 7, 2001) is included with this report for your files. This groundwater report includes analytical results for Appendix IX constituents.

Constituents detected in the groundwater this quarter were: Tetrachloroethene (PCE), Dichlorodifluoromethane (Freon-12), Barium, Zinc, Selenium and Arsenic. Barium, Zinc, Selenium and Arsenic, were below the lowest applicable federal or state drinking water standards. Tetrachloroethene (PCE) was detected at concentrations ranging from <1.0 to 7.6 µg/L, with 7 of the wells below and 4 above the EPA maximum contaminant level (MCL) of 5 µg/L. Freon-12 was detected in 3 wells and is well below the MCL of 1000 µg/L.

- *D.1(c) - Summaries of all problems or potential problems encountered during the reporting period and actions taken to rectify problems:* No problems identified.
- *D.1(d) - Projected work for the next reporting period:* Quarterly groundwater monitoring will continue and groundwater samples will be obtained from City wells NCLF-7, NCLF-8, and NCLF-9. In addition, any of the new wells mentioned above, which are developed and ready to sample, will be added to the quarterly sampling.

- *D.1(e) - Summaries of contacts pertaining to corrective action or environmental matters with representatives of the local community, public interest groups or State government during the reporting period:* Notification letters were sent to the State regarding the installation of the new monitoring wells. Also, a letter was sent indicating the closure of MW-3, the well which is no longer sampled due to low water levels. This well will be filled to prevent a conduit for potential contamination.
- *D.1(f) - Changes in key project personnel during the reporting period:* No changes made.
- *D.1(g) - Summaries of all changes made in implementation during the reporting period:* The monitoring wells are being installed as indicated in the RFI workplan.

If you have any questions regarding this submission, please call our technical contacts David Paulson at (505) 822-7342 or Joe Mauser at (505) 822-7634.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,



David Neill
General Manager – Albuquerque Operations

(ENV126)

Enclosure

cc:

w/ enclosure:

Nancy Morlock, USEPA Region VI, 7000 0520 0025 3143 7759
Tom Wyatt, Philips Legal Counsel
Doug Earp, City of Albuquerque
Baird Swanson, NMED/GWP
Philips Semiconductors Environmental File

w/o enclosures:

James P. Bearzi, NMED
RFI Compliance Binder