



PHILIPS

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Philips Semiconductors

March 17, 1999

Mr. Benito Garcia
New Mexico Environment Department
2044A Galisteo Street
Santa Fe, NM 87505

Certified Mail: Z 330 324 484



SUBJECT: Quarterly Progress Report

Dear Mr. Garcia:

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 December 4, 1998, and March 17, 1999.

- *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 January 18, 1999 for this quarter. The City of Albuquerque collected split samples from well NCLF-5 at this time. Due to a holiday during this sampling period and sampling equipment problems, the City was not able to split samples on the other NCLF wells.
- *D.1(b) - Summaries of all findings, including summaries of laboratory data:* A quarterly groundwater monitoring report (DBS & A; March 1, 1999) is included with this report for your files. This groundwater report includes analytical results for Appendix IX constituents for Philips' monitoring wells MW-1, MW-2, and MW-4 as well as for the City of Albuquerque's monitoring wells NCLF-2, NCLF-3, NCLF-4, NCLF-5, and NCLF-6. Philips' well MW-3 is no longer being sampled due to low water levels in that well. An additional duplicate sample and an equipment blank sample were inadvertently omitted from this quarter's sampling.

Constituents detected in the groundwater are: barium, selenium, arsenic, dichlorodifluoromethane, and tetrachloroethene (PCE). Barium, selenium, arsenic, and dichlorodifluoromethane were below the lowest applicable federal or state drinking water standards. Silver, detected in a few samples during the previous two quarters, was not observed. Tetrachloroethene (PCE) was consistently detected at concentrations that were near to slightly above the EPA maximum contaminant level (MCL) of 5 micrograms per liter except for the City of Albuquerque well NCLF-5, which showed no detection.

The depth to groundwater in the City of Albuquerque's wells ranged from 0.07 to 0.18 foot lower as compared to last period's measurements. Depths to groundwater in Philips wells ranged from 0.10 to 0.11 foot lower as compared to last period's measurements. Depth to groundwater in the City of Albuquerque well NCLF-4 was nearly 20 feet lower than the October 1998 measurement. This most recent level is consistent with previously recorded observations.

- *D.1(c) - Summaries of all problems or potential problems encountered during the reporting period and actions taken to rectify problems:* None observed.
- *D.1(d) - Projected work for the next reporting period:* Quarterly groundwater monitoring will continue and groundwater samples will be obtained from wells MW-1, MW-2, MW-4, NCLF-2, NCLF-3, NCLF-4, NCLF-5, and NCLF-6 in quarter 2 of 1999. EPA Region-VI has given NMED comments back on the Philips draft RFI

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Work Plan. NMED will review EPA comments and provide Philips with questions and comments regarding the Work Plan. NMED will continue to be the regulatory contact for Philips regarding the RFI. Philips will address all EPA Region-VI and NMED comments on the draft RFI Workplan when comments are received.

- *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:*
State of New Mexico Environment Department (NMED): Philips was contacted by NMED regarding comments provided by the US Environmental Protection Agency (EPA), detailing their concerns after reviewing Philips Semiconductors RCRA Facility Investigation (RFI) work plan. A document review fee was presented to NMED as required, to review the EPA's document for technical adequacy and provide comments.
- *D.1(f) - Changes in key project personnel during the reporting period:* No changes to personnel have occurred. Daniel B. Stephens & Associates, Inc. have once again been awarded the sampling contract for the 1999 sampling year.
- *D.1(g) - Summaries of all changes made in implementation during the reporting period:* No changes made.

If you have any questions regarding this submission, please call our technical contact Jim Cochran at (505) 822-7678 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,


Heinz Reibmann
Vice President – Albuquerque Operations

(ENV911)

Enclosure

cc:

w/ enclosure:

Nancy Morlock, USEPA Region VI, Z 330 324 486
Benito Garcia, NMED, Z 330 324 484
Baird Swanson, NMED/GWP
Doug Earp, City of Albuquerque
James Casey, Philips Legal Counsel
Philips Semiconductors Environmental File

w/o enclosures:

Jim Cochran, Philips EHS Manager
Kirby Olson, NMED/HRMB
RFI Compliance Binder