

PSC 99



PHILIPS

Philips Semiconductors

September 14, 1999

Mr. James P. Bearzi
Hazardous and Radioactive Materials Bureau
New Mexico Environment Department
2044A Galisteo St.
Santa Fe, NM 87505

Kirby



Certified Mail: Z 330 324 430

SUBJECT: Quarterly Progress Report

Dear Mr. Bearzi:

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 June 9, 1999, and September 14, 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 July 19, 1999 for this quarter. The City of Albuquerque installed a new monitoring well adjacent to Philips Semiconductors property to the South. This well was installed next to NCLF-3 at a deeper elevation for determining vertical extent of concentrations. This well will be included in the Philips Sampling plan in the first quarter of 2000.
- *D.1(b) - Summaries of all findings, including summaries of laboratory data:* A quarterly groundwater monitoring report (DBS & A; August 27, 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. The dedicated pump for this well can not be lowered due to its close proximity to the bottom of the well.

Constituents detected in the groundwater are: barium, selenium, dichlorodifluoromethane, and tetrachloroethene (PCE). Barium, selenium, and dichlorodifluoromethane were below the lowest applicable federal or state drinking water standards. 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 four of the five City of Albuquerque wells ranged from 0.13 to 0.27 foot lower as compared to last period's measurements. Depths to groundwater in Philips wells ranged from 0.19 to 0.23 foot lower as compared to last period's measurements.

- *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 4 of 1999. The revised RFI workplan will be submitted to the New Mexico Environment Department (NMED) next quarter. The workplan will address comments provided to Philips by NMED.

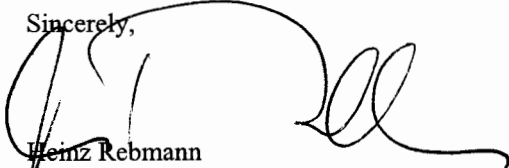
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- *D.1(e) - Summaries of contacts pertaining to corrective action or environmental matters with representatives of the local community, public interest groups or State government during the reporting period:*
State of New Mexico Environment Department (NMED): Philips received comments back from NMED on the Philips RFI Workplan. Due to the age of the workplan, a contractor has been hired to make modifications to the workplan and revise outdated information. A modification fee was paid to the state for processing changes made to the Philips permit. Requested modifications include reduced sampling frequency and analysis of those wells sampled for eight or more quarters. Kirby Olson of the NMED observed groundwater sampling at Philips Semiconductors this quarter.
- *D.1(f) - Changes in key project personnel during the reporting period:* Jim Cochran, Environmental, Health, and Safety (EH&S) manager for Philips Semiconductors-Albuquerque has resigned. A new manager will be assigned to this position. Current acting manager is Steve Szmyd, a member of the Philips EH&S group. Steve is familiar with the RCRA Facility Investigation.
- *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 Joe Mauser at (505) 822-7634 or Steve Szmyd at (505) 822-7644.

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 Rebmann
Vice President – Albuquerque Operations

(ENV933)

Enclosure

cc:

w/ enclosure:

- James P. Bearzi, NMED, Z 330 324 430
- James Casey, Philips Legal Counsel
- Doug Earp, City of Albuquerque
- Nancy Morlock, USEPA Region VI, Z 558 378 044
- Baird Swanson, NMED/GWP
- Philips Semiconductors Environmental File

w/o enclosures:

- Steve Szmyd, Acting Philips EHS Manager
- Kirby Olson, NMED/HRMB
- RFI Compliance Binder