

ENTERED

PHILIPS SEMI-CONDUCTOR  
CITY OF ALBUQUERQUE  
NMED, HRMB & GWPR *Env. Services Division*  
MEETING

APRIL 4, 1996

AGENDA

I. INTRODUCTIONS

II. WATER QUALITY ISSUES

- A) Compounds Detected in Groundwater.
- B) Groundwater Flow Direction?
- C) Pumping Wells in Surrounding Area.
- D) Well Screen Lengths (>20 ft.)

*Melamine  
1,1,2,2, still analyzing  
for*

III. EXTENT OF NORTHERN CORONADO LANDFILL

- A) City of Albuquerque Drilling Results
- B) Philips investigation results?

*Sampling 15, 16 or 17 APR 96*

IV. PROPOSED FIELD WORK AND FIELD WORK SCHEDULE

- A) City of Albuquerque Monitor Wells
- B) Philips Control on Existing Four Wells
- C) Miscellaneous Additional Investigation Proposals

Doug Garp's  
City ABQ

**Possible discussion topics for 4/4/96 meeting with Phillips & NMED**

Coronado Landfill used 1963-65  
Nazareth Landfill used 1971-72

Aerial photos for 1969, 1974 & 1982

Regional water table maps -- regional hydraulic gradient toward SSE

Well NCLF-1 construction July 1995  
4" PVC casing and screen  
TD of borehole approx. 187 feet  
screen interval approx. 140-180 feet  
TD of well approx. 185 feet  
depth to water approx. 140 feet below top of casing (approx.  
138 feet below grade)

Soil gas analyses:

NCLF-1 -- lab analyses of air sample collected when borehole was approx. 25 feet deep indicated non-detect for all VOC's except 0.14 mg/m<sup>3</sup> toluene and 0.06 mg/m<sup>3</sup> xylenes

NCLF-2 -- lab analyses of air sample collected when borehole was approx. 18 feet deep indicated non-detect for all VOC's except 0.19 mg/m<sup>3</sup> toluene and 0.13 mg/m<sup>3</sup> xylenes. This well was subsequently plugged and abandoned due to problems with drilling through landfill materials that were encountered from 5 to 18 feet.

Shallow borehole at future site of NCLF-3 -- field instruments indicate no methane or explosive vapors (0.0% LEL); VOC's range from 0.20 to 0.66 ppm (with PID) during period 12/95 - 2/96

Shallow borehole at future site of NCLF-4 -- field instruments indicate no methane or explosive vapors (0.0% LEL); VOC's range from 0.10 to 0.33 ppm (with PID) during period 12/95 - 2/96

Ground-water analyses:

NCLF-1 -- lab analyses of water sample collected 3/96 was non-detect for all VOC's; inorganic results are still pending

Sites for future wells NCLF-2, NCLF-3 and NCLF-4 are still somewhat flexible. Drilling should resume in July 1996.

Should we survey reference elevations for NCLF-1 and Phillips wells prior to finalizing well site selection?

