



**NMED HAZARDOUS & RADIOACTIVE MATERIALS BUREAU
MEMORANDUM TO FILE**

TO: Philips Semi-Conductor/City of Albuquerque Coronado Landfill
Project File

CC: Stephanie Cruz

FROM: Dale Conover *OEC*

DATE: February 26, 1996

CALLER:

DALE E. CONOVER, NMED, H&RMB Environmental Specialist III

TELEPHONE CONVERSATIONS WITH:

Melanie McKinley, Environmental Officer :
Philips Semi-Conductor, Albuquerque, NM
(505) 822-7634 Pager 857-9024
FAX 822-7425

On Friday, 23 February 1996, I contacted Melanie by telephone @ 09:21 am. I requested that she supply me information on the water level elevations of the four monitoring wells at Philips' Albuquerque, NM facility. I also requested any as-built diagrams that she might have for these four wells, their elevations and any figures showing locations of the former City of Albuquerque Coronado Landfill and how it may have been impacted by the construction of their buildings.

On Monday, 26 February 1996, I called Melanie @ 10:15 am, again requesting the above information. Melanie had not pulled the information from the files as she was busy getting out their annual sampling report. I did get permission from her to obtain this information from Doug Earp at the City of Albuquerque (see below).

Doug Earp, City of Albuquerque Environmental Health Department:
(505)768-2633

Tried twice on Friday, 23 February 1996 to contact Mr. Earp, leaving phone mail messages both times (@ 08:30 am and @ 11:30 am).

Monday, 26 February 1996, Doug returned my Friday phone calls @ 08:30 am. We discussed the Philips/Coronado Landfill site and what the city's future investigation plans were. In summary:

- a) The City of Albuquerque drilled two of four planned monitoring wells, NCLF-1 and NCLF-2, at the site (copy of FAX figure attached). While drilling NCLF-2 landfill waste was encountered and the driller stopped drilling

the well and abandoned the site.

- b) The city plans to redrill NCLF-2 near the original selected location (see attached figure) on the north side of the Philips property, between San Diego St. on the north and a drainage canal to the south. Two additional wells are to be drilled southwest and southeast of the Philips property and are labeled NCLF-3 and NCLF-4 in the attached figure. All wells are to be screened with 40 ft. long screens across the water table, standard monitor well design for the city. Doug could not give me an exact date for the drilling of these monitoring wells as: 1) the Los Angeles Landfill (he thought the LA Landfill was located south of the Philips site approximately 1 mile) was a higher priority with the city, 2) the advertisement for bid had not been issued yet, and 3) the driller who had abandoned the second well last year was probably going to contest the bid for the remaining wells.
- c) Philips' four monitor wells have reported water level elevations which indicate a NNE groundwater flow direction (Doug FAX'd this data to me as well and a copy is attached to this memo). This is contradicted by the regional groundwater gradient to the SSW as shown on USGS published maps (copy being sent to me by mail) and the gradient at the Los Angeles Landfill, where 12 city monitoring wells have been installed.
- d) Discussed type of contaminants seen in the data: namely PCE and 1,1,2,2-Tetrachloroethane, some organic carbon and nitrate and high total solids. Doug mentioned that the Coronado Landfill was a unmanned landfill when it was operating and any and all types of waste could have been dumped there.

Maura Hanning, Groundwater Quality Bureau, Superfund Program:

(505)827-2922

Called Maura @ Ron Kern's suggestion on Monday, 26 February 1996 at 10:30 am. She suggested I contact Robin Brown of the same organization and transferred me to extension-2434. Maura did not recognize the site until I said the old name for Philips Semi-Conductor, Signetics.

Robin Brown told me their investigation file only contained one page (attached), a superfund site strategy recommendation that deferred action on this site to RCRA. She also suggested I talk to Doug Earp (going in circles here!).

Dennis McQuillan, Groundwater Quality Bureau:

(505)827-2831:

Called Dennis @ Ron Kern's suggestion on Monday, 26 February 1996 at 10:35 am. Dennis is investigating the Los Angeles Landfill with the City of Albuquerque (Doug Earp again?) and said he had heard of the Coronado Landfill, but was not sure where it was located relative to the LA Landfill. The LA Landfill is located at the Balloon Festival Park. He

noted that I mentioned the same contaminants of concern as were being found at the LA Landfill. Dennis said the PCE plume at the LA Landfill was "pretty large".

CALLER:

RON KERN, NMED, H&RMB Program Manager

TELEPHONE CONVERSATION WITH:

Steve Cary, Former Bureau Chief at the Groundwater Protection and Remediation Bureau (Currently with Office of Natural Resource Trustee):

(505)827-1035:

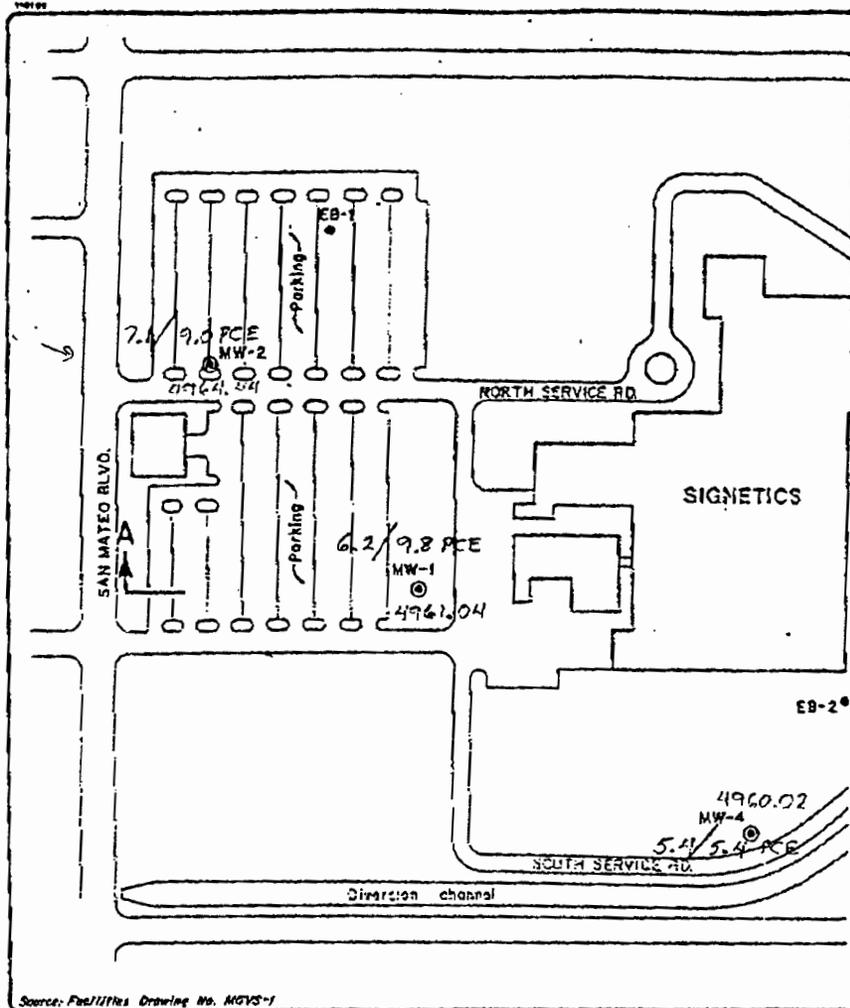
Ron called Steve @ 10:35 am on Monday, 26 February 1996. Steve remembered essentially nothing about either the Coronado Landfill, or Signetics, or Philips Semi-Conductor from when he was involved with the Groundwater Bureau. When informed of levels of PCE detected currently in the groundwater at the facility, he thought that further investigation was appropriate.

Monitoring Well Water Depth (ft)

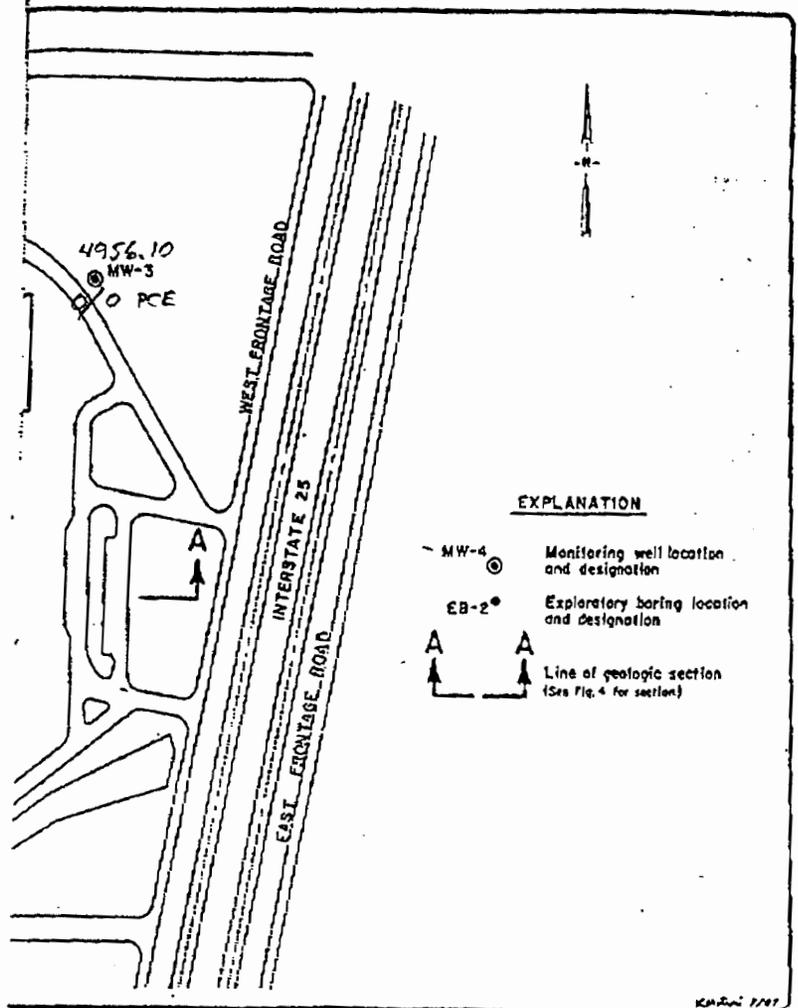
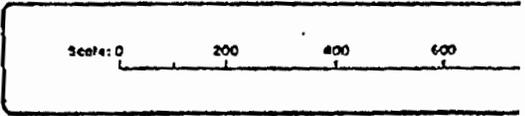
DATE	WELL 1	WELL 2	WELL 3	WELL 4
Q3-1988	202.8	190.6	224.5	218.2
Q2-1989	203.1	191.2	224.8	218.5
Q3-1989	203	192	225	219
Q4-1989	202	192	225	219
Q3-1990	203	192	226	220
Q4-1990	203	192	226	220
Q2-1991	204.5	192.6	227	220
Q3-1991	209	193	220	220
Q4-1991	204	193	227	221
Q1-1992	206	193	228	221
Q2-1992	205	193	228	221
Q3-1992	206	194	228	221
Q4-1992	205	194	228	221
Q1-1993	205	194	229	222
Q2-1993	207	194	229	222
Q3-1993	207	194	229	222
Q4-1993	207	194	230	222
Q1-1994	207	194	230	222
Q2-1994	207.66	194.92	230.33	222.92

WELL ELEVATION DATA

Well	Ground-Surface Elevation	Top of Casing Elevation	Ground-Water Elevation 7-20-94
1	5168.17	5168.70	4961.04
2	5158.15	5159.36	4964.44
3	5185.48	5186.43	4956.10
4	5182.46	5182.94	4960.02



Source: Facilities Drawing No. M2VS-1



EXPLANATION

- MW-4 Monitoring well location and designation
- EB-2 Exploratory boring location and designation
- A-A Line of geologic section (See Fig. 4 for section)

SIGNETICS CORPORATION
 NEW MEXICO FACILITY
 ALBUQUERQUE, NEW MEXICO

MONITORING WELL AND BORING LOCATION MAP

FIGURE
2
 PROJECT NO.
 377 - 18.01

1973/1974 PCE VALUES
 7/20/94 WATER LEVELS



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY SUPERFUND SITE STRATEGY RECOMMENDATION - REGION 06



Site Name: Coronado Landfill CERCLIS ID#: NMD980622708

Alias Site Names: Signetics, Inc. (NMD000709782)

Address: 9201 Pan American Freeway NE (northwest of Alameda Avenue)

City/County or Parish/State/Zip Code: Albuquerque/Bernalillo/New Mexico/unknown

Report Type, Date, and Author: Site Inspection/April 26, 1993/Fluor Daniel, Inc.

RECOMMENDATION

1. Site Evaluation Accomplished (SEA) 2. Further Investigation Needed Under Superfund

PA HRS Priority: High
 SI RA Low
 ESI RI/FS
 Other: Evaluation of Prescore
 To be performed by: EPA

3. Action Deferred to:

RCRA NRC

NOTIFY AUTHORITY:

<input type="checkbox"/> Removal	<input type="checkbox"/> RCRA	<input type="checkbox"/> TSCA	<input type="checkbox"/> CAA	<input type="checkbox"/> SMCRA
<input type="checkbox"/> Remedial	<input type="checkbox"/> State	<input type="checkbox"/> NPDES	<input type="checkbox"/> NRC	<input type="checkbox"/> Resource Trustee
<input type="checkbox"/> CERCLA Enforcement	<input type="checkbox"/> Federal Facility	<input type="checkbox"/> UIC	<input type="checkbox"/> SPCC	<input type="checkbox"/> Other:
SEND REPORT COPIES TO: <input checked="" type="checkbox"/> 6E-E <input checked="" type="checkbox"/> 6W-SP <input checked="" type="checkbox"/> ATSDR <input checked="" type="checkbox"/> State Agency <input type="checkbox"/> Other				

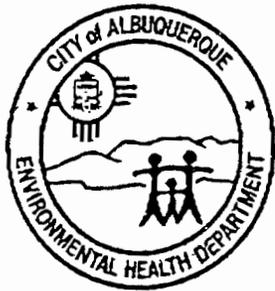
DISCUSSION: The Coronado Landfill (the "site") encompasses approximately 60 acres and includes an inactive landfill and active microchip manufacturing facility known as Signetics Inc. (NMD000709782). Both the landfill and active facility are currently regulated under the Resource Conservation and Recovery Act and are not CERCLA eligible at this time.

APPROVALS:

Report Reviewed by: <u>Kim T. Hill</u>	Signature: <u>Kim T. Hill</u>	Date: <u>Jun/21/93</u>
Disposition Recommended by: <u>Eddie A. Sierra</u> (Section Chief)	Signature: <u>Eddie A. Sierra</u>	Date: <u>6/21/93</u>
Disposition Approved by: <u>Betty Williamson</u> (Branch Chief)	Signature: <u>Betty Williamson</u>	Date: <u>6/23/93</u>

Post-It™ brand fax transmittal memo 7671 # of pages 1

To: <u>Dale Conover</u>	From: <u>Robin Brown</u>
Co: <u>NMED</u>	Co: <u>NMED</u>
Dept:	Phone #: <u>7-2434</u>
Fax #: <u>7-1544</u>	Fax #: <u>7-2965</u>



ENVIRONMENTAL HEALTH DEPARTMENT
P.O. Box 1293
Albuquerque, New Mexico 87103
(505) 768-2600

2/26/96

Doug Earp

ENVIRONMENTAL SERVICES DIVISION

Dale,

The attached map shows approximate locations of one existing well (NCLF-1) and three proposed wells (NCLF-2, 3 & 4) near the former Nazareth and Coronado landfills. Locations of Phillips wells MW-1, 2, 3 & 4 are also shown.

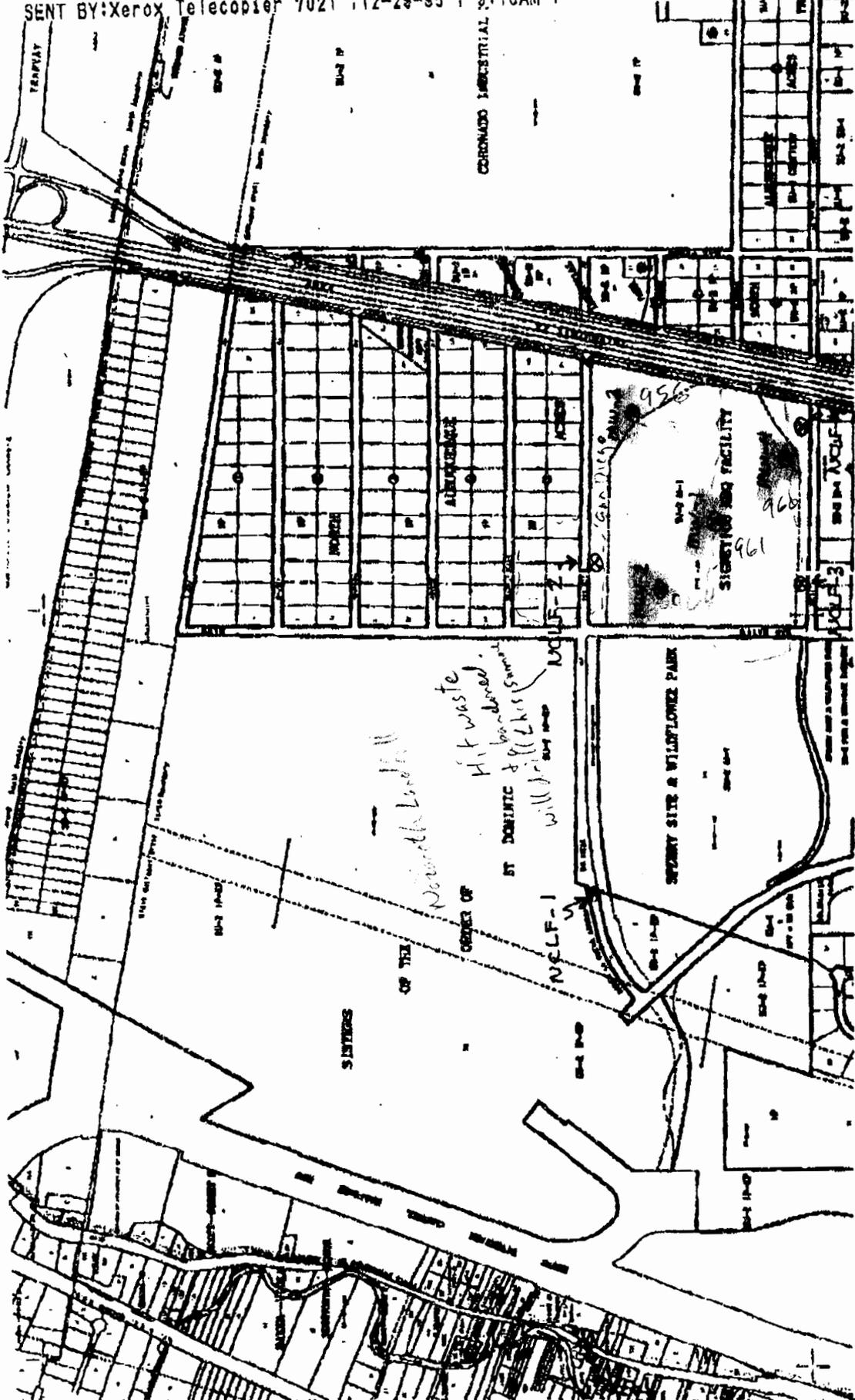
Doug Earp



Recycled Paper

SENT BY: Xerox Telecopier 7021 ; 12-29-95 ; 9:19AM ;

1234-Alb. Env. Health Dep: # 2



North

Scale 1" = 100'

Am-Gis Inc.

1234 Alb. Env. Health Dep: # 2



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Scale 1" = 100'

Am-Gis Inc.

1234 Alb. Env. Health Dep: # 2

