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GOVERNOR

State of New Mexico
ENVIRONMENT DEPARTMENT

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RON CURRY
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DEPUTY SECRETARY

Phillips Semiconductors
04

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

October 20, 2004

Robert T. Sanders, Manager, Security Department
Phillips Semiconductors
9201 Pan American Freeway NE, M/S 19
Albuquerque, NM 87107

SUBJECT: HAZARDOUS WASTE BUREAU GPS/GIS SURVEY

Dear Mr. Sanders:

The New Mexico Environment Department's Hazardous Waste Bureau (HWB) is conducting a survey of the Global Positioning System (GPS) and Geographic Information System (GIS) technologies currently being used by New Mexico's hazardous waste treatment, storage, and disposal facilities. The HWB anticipates constructing a database and GIS of New Mexico's hazardous waste treatment, storage, and disposal facilities. Please complete the enclosed survey and return it to Ms. Cheryl Frischkorn at the address listed above. Completion and submission of the enclosed survey by December 24, 2004 would be greatly appreciated. This survey will also be posted on the HWB Internet site located at <http://www.nmenv.state.nm.us/hwb/>. HWB will be compiling this information by January 14, 2005. If you have any questions regarding this survey, please contact Cheryl Frischkorn of my staff at cheryl_frischkorn@nmenv.state.nm.us or (505) 428-2550.

Robert T. Sanders
October 20, 2004
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Sincerely,

A handwritten signature in black ink, appearing to read 'James P. Bearzi', with a stylized flourish at the end.

James P. Bearzi
Chief
Hazardous Waste Bureau

JPB:caf

cc: J. Kieling, NMED HWB
C. Frischkorn, NMED HWB
W. McDonald, NMED HWB

File: Phillips Semiconductors Reading

HAZARDOUS WASTE BUREAU GPS/GIS SURVEY

Facility Name _____

Facility EPA ID _____

GPS/GIS Contact _____

1) How are your regulated sites currently being surveyed? (CIRCLE ALL THAT APPLY)

- a) traditional survey equipment (transit)
- b) GPS (Global Positioning System)--- recreational grade
- c) GPS---mapping grade
- d) GPS---survey grade
- e) other (please indicate) _____

2) What other surveying technologies have been used to locate regulated sites in the past? (CIRCLE ALL THAT APPLY)

- a) traditional survey equipment (transit)
- b) GPS---recreational grade
- c) GPS---mapping grade
- d) GPS---survey grade
- e) other (please indicate) _____

3) If the facility is currently using GPS technology, indicate the equipment manufacturer and model of the receiver(s) being used.

4) What coordinate system is currently being used by the facility? (CIRCLE ONE)

- a) state plane coordinate system
- b) latitude/longitude
- c) Universal Transverse Mercator (UTM)
- d) other (please indicate) _____

5) What horizontal datum is currently being used? (CIRCLE ONE)

- a) NAD27
- b) NAD83
- c) WGS84
- d) other (please indicate) _____

6) What is the estimated horizontal position accuracy for features currently being surveyed? (CIRCLE ONE)

- a) > 10 meters
- b) 5 to 10 meters
- c) 1 to 5 meters
- d) < 1 meter
- e) other (please indicate) _____

