



**BILL RICHARDSON**  
GOVERNOR

*State of New Mexico*  
**ENVIRONMENT DEPARTMENT**

*Hazardous Waste Bureau*

*2905 Rodeo Park Drive East, Building 1*

*Santa Fe, New Mexico 87505-6303*

*Telephone (505) 428-2500*

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WIFP  
ENTERED



**RON CURRY**  
SECRETARY

**DERRITH WATCHMAN-MOORE**  
DEPUTY SECRETARY

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

October 20, 2004

Jody Plum  
RCRA Compliance Manager  
Carlsbad Field Office  
Department of Energy  
P.O. Box 3090  
Carlsbad, NM 88221-3090

**SUBJECT: HAZARDOUS WASTE BUREAU GPS/GIS SURVEY**

Dear Mr. Plum:

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](mailto:cheryl_frischkorn@nmenv.state.nm.us) or (505) 428-2550.

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Jody Plum  
October 20, 2004  
Page 2

Sincerely,

A handwritten signature in black ink, appearing to read 'J. 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  
S. Zappe, NMED HWB

File: WIPP 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) \_\_\_\_\_

