



**BILL RICHARDSON**  
GOVERNOR

*State of New Mexico*  
**ENVIRONMENT DEPARTMENT**  
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*ARROYO GRCCUY*

**RON CURRY**  
SECRETARY

**DERRITH WATCHMAN-MOORE**  
DEPUTY SECRETARY

**CERTIFIED MAIL  
RETURN RECEIPT REQUESTED**

October 22, 2004

Leonard Francisco Jr., President  
Iyanbito Chapter  
Navajo Nation  
P. O. Box 489  
Fort Wingate, NM 87316

**SUBJECT: WATER SUPPLY WELLS 16T-666 AND 16T-668  
IYANBITO CHAPTER  
NAVAJO NATION**

Dear Mr. Francisco:

The New Mexico Environment Department (NMED) attended a meeting concerning the drinking water supply at the Iyanbito Chapter on June 24, 2004. At the meeting, NMED and the New Mexico Energy Minerals and Natural Resources Department Oil Conservation Division (OCD) volunteered to acquire water supply well and water quality data from the Giant Refining Company (Giant) Ciniza Refinery, located approximately three miles east of the Iyanbito Chapter, and forward the data to the Iyanbito Chapter. In addition, NMED and OCD received permission to collect water samples for chemical analysis from Iyanbito Chapter Water Supply Wells 16T-666 and 16T-668 after the meeting. Please find enclosed the results of chemical analysis of water samples collected from the Iyanbito Chapter water supply wells on June 24, 2004 and from previous sampling of the Ciniza Refinery water supply wells. Also enclosed are drilling and well construction data for wells 16T-666 and 16T-668 provided by Navajo Tribal Utility Authority (NTUA) which may be useful in determining the source of some of the water quality problems identified at the June 24 meeting.

Trace concentrations of toluene were detected in water samples obtained from well 16T-666 in September 2001 by the NTUA and also in the water sample collected by OCD and NMED in June 2004. The toluene levels detected in Well 16T-666 are significantly less than the New Mexico Water Quality Control Commission (WQCC) standard and the EPA Safe Drinking Water Act Maximum Contaminant Level (MCL) for toluene. Petroleum-related contamination, including

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toluene, has not been detected in water samples obtained from the Giant Ciniza Refinery water supply wells. Based on the results of water quality sampling, it does not appear that Giant's Ciniza Refinery is a source of contamination for the Iyanbito Chapter water supply at this time.

Please call me at 505-428-2553 if you have questions regarding the information provided.

Sincerely,



Dave Cobrain  
Staff Manager  
Hazardous Waste Bureau

DC:hcm

Enclosures (4)

cc with enclosures:

Dorothy Rogers, Secretary, Iyanbito Chapter, Navajo Nation

cc: without enclosures:

Derrith Watchman-Moore, NMED

James Bearzi, NMED HWB

Hope Monzeglio, NMED HWB

John Kieling, NMED HWB

Wayne Price, NMEMNRD OCD

Jerry Silago, Navajo Tribal Utility Authority

Senator Lidio G. Rainaldi, New Mexico State Senate

Leroy Gabaldon, New Mexico Commission on Indian Affairs

Thomas Bitsio, Navajo Nation Environmental Protection Agency

Reading File and GRCC 2004 File