



BILL RICHARDSON
GOVERNOR

State of New Mexico
ENVIRONMENT DEPARTMENT

Ground Water Quality Bureau
Harold Runnels Building
1190 St. Francis Drive, P.O. Box 26110
Santa Fe, New Mexico 87502-6110
Telephone (505) 827-2918
Fax (505) 827-2965



RON CURRY
SECRETARY

DERRITH WATCHMAN-MOORE
DEPUTY SECRETARY

September 1, 2004

Mr. Rob Werner
Manager Environmental Remediation
Burlington Northern Santa Fe Railway
4200 Deen Road
Fort Worth, Texas 76106

RE: Stage 1 Abatement Plan (AP) Modification, Burlington Northern Santa Fe Railway Company (BNSF), Albuquerque Fueling Area, Albuquerque, New Mexico

Dear Mr. Werner:

The New Mexico Environment Department (NMED) Ground Water Quality Bureau received an incident report on May 21, 2004 indicating subsurface petroleum hydrocarbon contamination for the proposed arena site in downtown Albuquerque. The proposed arena site is located within the city block defined by Central Avenue to the south, Second Street to the west, Copper Avenue to the north, and BNSF easement to the east. The BNSF east bound fueling area is directly east of the proposed arena site. NMED received a Phase II Environmental Site Assessment (ESA) for this site on August 23, 2004.

The ESA consisted of the installation of 21 soil borings; the collection of subsurface soil samples; construction of three on-site monitoring wells; and the collection and analysis of ground water samples. The ESA concludes that:

- A wedge-shape zone of diesel contamination is encountered at depths between 4 and 15 feet along the eastern edge of the arena area and drops off to depths below 30 feet between 80 and 150 feet west of the eastern edge of the property.
- Ground water beneath the site flows to the east and is contaminated with polycyclic aromatic hydrocarbons (PAHs) above the New Mexico Water Quality Control Commission (WQCC) standards.

The information in the ESA has led NMED to conclude that a regulated discharge of diesel fuel has occurred at the site, originating from BNSF's east bound fueling area. Pursuant to WQCC Regulation 20.6.2.4111.B NMAC, BNSF is required to submit to NMED within sixty (60) days of receipt of this letter a Stage 1 abatement plan modification proposal to satisfy WQCC Regulation 20.6.2.4106.C NMAC requirements for this newly discovered contaminated area.

BNSF's cooperation in this matter is greatly appreciated. You are encouraged to confer with Bart Faris at (505) 841-9466 during preparation of the Stage 1 Abatement Plan modification proposal.

Sincerely,



George Schuman, Acting Chief
Ground Water Quality Bureau

Cc: Gary Henderson, ERM, 2201 Buena Vista, SE, Suite 305, Albq., NM 87106
Peter Guerra, AMEC, 8519 Jefferson St., NE, Albq., NM 87113
Bart Faris, ROS, GWQB, NMED Dist. 1
ROS Reading File

HWB EMERGENCY / INCIDENT / COMPLAINT REPORT

Date and Time of Call 5/21/04 HWB Emergency # _____

Call Recipient Frank Rodarte IDEA Entry Date _____ IDEA Incident # _____

Caller's Name Pete Guerra Affiliation AMEC Earth Environmental

Address _____ Phone (505) 821-1801

Caller Confidentiality Requested _____ Caller Update Requested _____ Updated: yes no

INCIDENT DATE & TIME: 8/21/04 LOCATION Albq. Arena near Central and 1st street

County/ Nearest Municipality _____

INCIDENT DESCRIPTION (nature of incident; quantity/type of hazardous material involved; nature of injuries, damage, threats to people, property, environment; current status and weather; responsible parties and contact information; incident responders)

Mr. Guerra, performed core samples and encountered petroleum contaminated core samples at the Albuquerque arena area. Mr. Guerra requested TPH guidelines. On 5/25/04, Mr. Atencio contacted his office and left a message concerning ceiling concentration for residential exposure for diesel exposure limit. On 6/18/04, Mr. Atencio referred this incident to Mr. Bart Farris (NMED, Ground Water Bureau) and Mr. Guerra concerns finding petroleum-contaminated soil in his core samples that may impact the ground water issues.

Circle All Media Impacted/Threatened: Ground Water Surface Water Drinking Water Soil Air None (contained)

NOTIFICATIONS: 4th Floor Other NMED Office specify _____

Outside NMED specify _____

RESOLUTION (mitigation measures taken or expected; timeframe for completion; followup tasks/assignments)

Followup Priority: emergency high medium low Assignment/Referral Date _____

Lead Bureau/Office and staffer _____

(OVER)

Additional Notes: (Also use Questions to Ask Caller form if needed)

