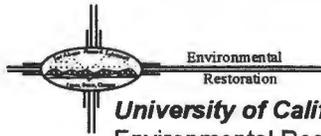


Los Alamos National Laboratory

ENVIRONMENTAL RESTORATION

*Revised
Barbara
Revised*



University of California
Environmental Restoration, MS M992
Los Alamos, New Mexico 87545
505-667-0808/FAX 505-665-4747

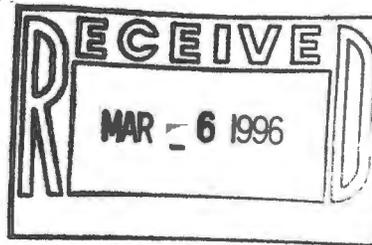


U. S. Department of Energy
Los Alamos Area Office, MS A316
Los Alamos, New Mexico 87544
505-665-7203
FAX 505-665-4504

Date: February 27, 1996
Refer to: EM/ER:96-084

TA 32

Mr. Glen Saums
Surface Water Quality Bureau
New Mexico Environment Department
1190 St. Francis Dr.
Santa Fe, NM 87502



SUBJECT: STORMWATER ISSUE AT TECHNICAL AREA (TA) 32

Dear Mr. Saums:

Prior to the Phase II investigation at TA-32, a site survey was conducted in early February 1996 to document potential stormwater run-on impact from the Los Alamos County Maintenance Complex and nearby businesses. The outfall area associated with potential release site (PRS) 32-004 was identified as an area that has the potential to be impacted by run-on.

The area north of PRS 32-004 was observed to have water channels in the soil up to 1-ft deep from run-off associated with an asphalt-lined stormwater channel located south of Knecht Automotive at 201 Knecht Street, Los Alamos, New Mexico. The asphalt channel was observed to contain oil staining over most of the length of the channel. The surrounding area is littered with oil filters, empty 5-gallon cans of Dupont Acrylic Lacquer Thinner, miscellaneous car parts, old car batteries, etc. The channel drains onto Department of Energy property, over the outfall from PRS 32-004 and into Los Alamos Canyon.

The outfall and associated drainage channels for PRS 32-004 are proposed to be sampled under site characterization activities scheduled to take place in late February and March 1996. The analytical suite proposed in the sampling and analysis plan includes semi-volatile organic compounds (SVOCs) and target analyte list (TAL) metals. The impact from run-on sources associated with businesses along Knecht St. (two auto repair shops, a car wash, a paint and body shop, a gas station, and run-off from Trinity Drive) are anticipated to have an impact on SVOC and TAL metal concentrations in the PRS 32-004 drainage. The sampling plan for PRS 32-004 will, therefore, be modified to include characterization of a small portion of the area upgradient of the outfall pipe in to assess the impact from the potential sources of

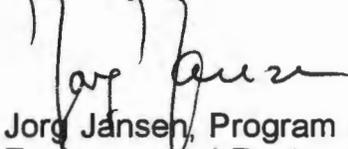


contamination. If these potential impacts are confirmed through this sampling event, a follow-up letter will be sent to your office in order to readily inform you prior to the delivery of the RFI report for this unit.

The site was photographed for documentation purposes on February 12, 1996. The photographs are enclosed.

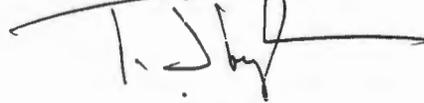
If you have any questions or concerns with regard to this letter, please contact Bonnie Koch at (505) 665-7202 or Garry Allen at (505) 667-3394.

Sincerely,



Jorg Jansen, Program Manager
Environmental Restoration

Sincerely,



Theodore J. Taylor, Program Manager
Los Alamos Area Office

JJ/TT/bp

Enclosure: Photographs

Cy (w/enc.):

G. Allen, CST-18, MS E525
B. Driscoll, EPA
B. Garcia, NMED-HRMB
D. Griswold, ERD, AL, MS A906
~~B. Heditechek, NMED-HRMB~~
R. Kern, NMED-HRMB
B. Koch, LAAO, MS A316
N. Naraine, EM-453, DOE-HQ
S. Rae, ESH-18, MS K497
T. Taylor, LAAO, MS A316
N. Weber, Bureau Chief, NMED-AIP
J. White, ESH-19, MS K490
S. Yanicak, NMED-AIP
EM/ER File, MS M992
RPF, MS M707

Cy (w/o enc.):

T. Baca, EM, MS J591
T. Glatzmaier, DDEES/ER, MS M992
D. McInroy, EM/ER, MS M992
G. Rael, ERD, AL, MS A906
W. Spurgeon, EM-453, DOE-HQ
J. Vozella, LAAO, MS A316



1

Used oil drums stored in Knecht Auto Repair yard.



2

Used oil drums in Knecht Auto Repair yard.



3

Used oil drums stored in Knecht Auto Repair yard.



4

Looking East at the paint and body shop. Drums visible to right of photo.



5

Looking North up Knecht Street. Note oil in the drainage channel.



6

**Looking NW. Oil staining down center of channel.
Note 55 gallon oil drums to left rear.**



7

Looking NW. Note oil staining in channel and miscellaneous debris on slope. Knecht Auto Repair in background and the body/paint shop to the right.



8

Looking east at edge of asphalt drainage channel. Soil is oil stained and a empty 5 gallon bucket of Dupont Acrylic Lacquer Thinner is in the channel.



9

Looking South towards PRS 32-004. Note 5 gallon buckets in drainage.

