

Los Alamos

Los Alamos National Laboratory
Los Alamos, New Mexico 87545

(P)

memorandum

120 5-12-93

TO Chris Loggains, ENG-1, MS M721 DATE January 25, 1993

THRU Ron Conrad, EM-8, MS K490 *RC* MAIL STOP/TELEPHONE K490/7-0815

FROM Phil Fresquez, EM-8 *pf* SYMBOL EM-8:93-181

SUBJECT RESULTS OF AN INTERIM ACTION ASSOCIATED WITH THE INDUSTRIAL PARTNERSHIP CENTER AT TA-3

On September 24, 1992, the Environmental Protection Group (EM-8) collected five soil surface samples where Solid Waste Management Units (SWMU's) impact work associated with the proposed site of the Industrial Partnership Center (IPC) at TA-3 (Phil Fresquez, "An Interim Action Associated With the Industrial Partnership Center at TA-3", Los Alamos National Laboratory memorandum EM-8:92-2882, to Radon Tolman (September 17, 1992)).

Two soil surface samples associated with SWMU 3-055(c) were collected along the length of the outfall drainage channel over which the proposed IPC will be constructed. Samples were screened for gross alpha, beta and gamma radioactivity before they are submitted with full chain-of-custody documentation to the Environmental Chemistry Group (EM-9) for the analysis of VOC, SVOC, PCB's and heavy metals (Ag, As, Ba, Be, Cd, Cr, Hg, Ni, Pb, Sb and Se). Three more soil surface samples (five subsamples per composite) were collected over the proposed parking lot that is affected by SWMU 3-009(a). Samples were collected, processed and screened in the same manner as described above, but were only submitted for heavy metal analysis.

Incorrect. It is 3-009(b) - 3-009(a) is near TA3-70, the JCI asphalt batch plant.
Ed Swigo 1/26/93

No VOC's or PCB's were detected in soil samples collected along the outfall drainage channel associated with SWMU 3-055(c). Similarly, all heavy metals were below EPA action levels. Bis-2-ethylhexylphthalate (<540 ppb), a SVOC, was detected in both samples; these values were below EPA action levels, however.

All heavy metals in soil samples collected over the proposed parking lot that were associated with SWMU 3-009(a) were all below EPA action levels.

In summary, there were no RCRA hazardous waste constituents in levels high enough to be considered a health and safety

Received by ER-RPF
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[Signature]



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EM-8:93-181

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problem and/or have any disposal restrictions associated with
spoil materials.

PF:RC/gr

Cy: E. Griggs, CLS-DO, MS E525
R. Gonzales, EM-13, MS M992
T. Norris, EM-13, MS M992
T. Vergamini, HS-1, MS K487
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