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ENVIRONMENTAL RESTORATION

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Mr. William Honker
RCRA Permits Branch
Hazardous Waste Management Division
US Environmental Protection Agency
1445 Ross Avenue, Suite 1200
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Date: August 8, 1995
Refer to: EM/ER:95-387

SUBJECT: CORRECTION PAGE TO RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION REPORT FOR POTENTIAL RELEASE SITE 36-002, DATED JULY 14, 1995

Dear Mr. Honker:

A mistake was discovered on p. 3-2 of the above-referenced report. The $\mu\text{g}/\text{kg}$ was incorrectly written as mg/kg . The error has been corrected and the corrected page is enclosed. Please note that the date on the corrected page reflects July 19, 1995 to distinguish it from the original report.

Please refer any questions regarding this matter to our staff: T. E. Gene Gould, Field Project Leader at (505) 667-0402, or Everett Trollinger at (505) 667-5801.

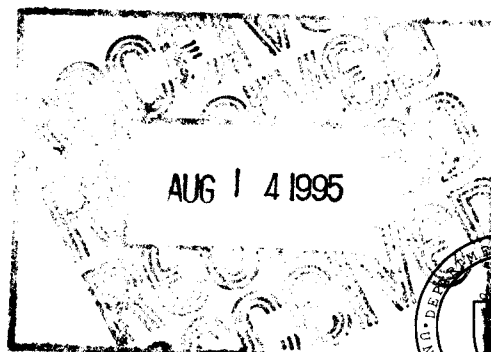
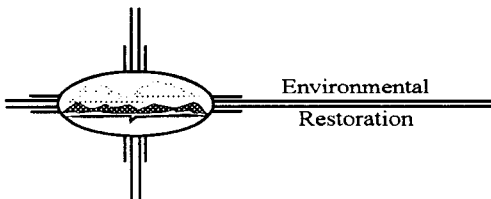
Sincerely,


Jorg Jansen, Project Manager
Environmental Restoration

Sincerely,


Theodore J. Taylor, Program Manager
Los Alamos Area Office

JJ/TT/bp



Mr. Honker
EM/ER:95-387

-2-

Enclosure: a/s

Cy (w/enc.):

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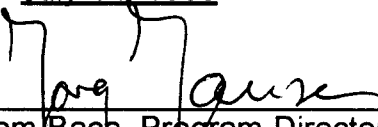
CERTIFICATION

I certify under penalty of law that these documents and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violation.

Document Title:

Correction Page To RFI Report For Potential Release Site 36-002 Dated July 14, 1995

Name:


Tom Baca, Program Director
Environmental Management
Los Alamos National Laboratory

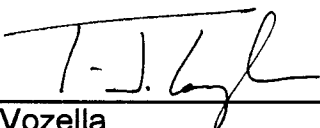
Date:

8-3-95

or

Jorg Jansen, Project Manager
Environmental Restoration Project
Los Alamos National Laboratory

Name:


Joseph Vozella,
Acting Assistant Area Manager of
Environment Projects
Environment, Safety, and Health Branch
DOE-Los Alamos Area Office

Date:

8/8/95

or

Theodore J. Taylor
Program Manager
Environment Restoration Program
DOE-Los Alamos Area Office

TABLE 3-1

SUMMARY OF QUALITY CONTROL ISSUES FOR PRS 36-002

SAMPLE TYPE	ASSOCIATED SAMPLES	ANALYSIS	QUALITY CONTROL COMMENTS
Laboratory control sample	AAB1801, AAB1802 AAB1803, AAB1804 AAB1805, AAB1806	Metals	Se and Tl were below their control limits metals by factors of 2.5 and 4.0. Comparison of Se with background and Tl with SAL indicates that these metals are below these limits. Sample results for these metals qualified as UJ; data usability is unaffected.
Blind QC Sample	AAB1801, AAB1802 AAB1803, AAB1804 AAB1805, AAB1806	Metals	Co was biased low in the QC sample. The % recovery below EPA-determined lower limit of 75% and was low by a factor of 1.1. Comparison of this value with background for Co indicates that Co is below limit. The data qualified as UJ and considered valid. Al and Be biased low in QC samples. Recoveries were 73.3% and 50.4%, respectively, low by factors of 1.02 and 1.5. Comparison with background indicates they were below limits. The data qualified as UJ and considered valid.
Blind QC Sample	AAB1801, AAB1802 AAB1803, AAB1804 AAB1805, AAB1806	SVOC	1,2-dichlorobenzene, 1,4-dichlorobenzene, 2-methylphenol, and 4-methylphenol biased low by factors of 3.5, 5, 2.5, and 2.5, respectively. Comparison of these values with SALs indicates compounds below limits. Results qualified as UJ and considered valid.

Aluminum (Al) and beryllium (Be) were also found to be biased low. Recoveries were 73.3% and 50.4% respectively, which were low by factors of 1.02 and 1.5, respectively. Multiplication of the recovery levels by the respective factors indicated that both metals were below the background concentrations.

The results analyses for the Co, Al, and Be were qualified as UJ and are considered valid.

3.1.2 Organic Analyses

The LODs in the blind laboratory QC samples for 1,2-dichlorobenzene, 1,4-dichlorobenzene, 2-methylphenol, and 4-methylphenol was set at 350 µg/kg, and these compounds were low by factors of 3.5, 5, 2.5, and 2.5, respectively. Using the rationale as described for Se and Tl, the maximums would be 1225 µg/kg for 1,2-dichlorobenzene; 1750 µg/kg for 1,4-dichlorobenzene; 875 µg/kg for 2-methylphenol; and 875 µg/kg for 4-methylphenol. Because there were no background values available for these organic compounds, these results were compared with the SALs. Comparison of these values with the SALs indicates that these compounds are less than one-tenth of the SALs. The results for these compounds are qualified as UJ and are considered valid.

3.1.3 Radiochemistry Analyses

Overall, laboratory QC parameters for radionuclides sampled were within expected limits of sampling and analytical error. Therefore, the data for uranium are considered valid.