

The Los Alamos National Laboratory proposes to use the Environmental Protection Agency Region 6 Human Health Medium-Specific Screening Levels (MSSLs) for comparison to as-found concentrations to determine whether any of the organic constituents detected in excavated environmental media from the TA-16-394 Burn Tray warrant management as F-listed hazardous waste. The proposed MSSLs are based on the industrial receptor using direct exposure routes (inhalation, ingestion, and dermal contact) and are derived using conservative exposure parameters for reasonable maximum exposure. These MSSLs, based on an industrial receptor, are appropriate because the environmental media excavated as part of partial closure activities will be properly disposed in a Subtitle D engineered facility.

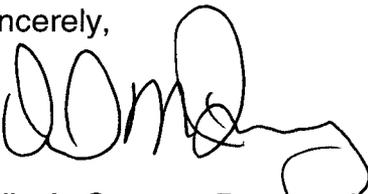
The organic constituents, maximum concentrations, and the proposed MSSLs are shown in the table below:

Organic Constituent	Maximum Concentration (mg/kg)	MSSL (mg/kg)
1,1,2,2-tetrachlorethane	0.022	0.84
tetrachloroethylene	0.071	13
2-butanone	0.031	26000
toluene	0.006	520
acetone	0.16	5800

All of the as-found concentrations of the organic constituents in the excavated environmental media are below the MSSLs. If and when NMED determines that the environmental media generated during partial closure activities at the TA-16-394 Burn Tray do not warrant management as F-listed hazardous waste, the material will be managed and disposed appropriately as solid waste.

The LANL believes that a "no longer contained in" determination for the organic constituents listed above would expedite completion of the partial closure of the TA-16-394 Burn Tray and reduce overall project costs. If you have any questions, please contact Dave McInroy at (505) 667-0819 or Gene Turner at (505) 667-.5794.

Sincerely,



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Sincerely,



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