



KELLY AFB
TEXAS

ADMINISTRATIVE RECORD
COVER SHEET

AR File Number 3287.2

11 Jul 00 RAB TRS Action Item/Response

Description: Request for information as to whether Leon Creek surface water and fish have been sampled for radioactive isotopes.

Requestor: Mr. Quintanilla

OPR: Jack Shipman, Radioactive Site Program Manager

Action: Investigate sampling/analysis history associated with IRP Sites RD-1 and RD-2

Response: The SA-ALC/EM project manager for RD-1 and RD-2 has confirmed that Leon Creek surface water and sediments were sampled this year for Radium and its associated decay products, Radium-226, Thorium-232, Potassium-40, and also for Cesium-137. This was accomplished during the investigation and remediation of these two sites, which will soon be transferred to Lackland AFB management.

The samples taken downstream from RD-1 and RD-2 did not indicate elevated radionuclide concentrations in either the surface water or sediment of concern to human health or the environment. There were no detectable levels of Cesium-137 in any of the samples. Water samples were well below EPA's drinking water standards. Results were compared to radionuclide concentrations obtained upstream from site RD-1, as well as average natural concentrations from Texas soils and US surface waters. There is no indicated risk above background resulting from radium contaminated soil found and removed from site RD-1. Due to this analysis, it was determined that fish were not exposed to radionuclides from RD-1 and wildlife sampling was not deemed necessary. (Further questions may be addressed to Lt. Ryan Brady, SA-ALC/EM, 925-3100,x230)

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