

Paul Carpenter, Senior Engineering Geologist
Department of Toxic Substances Control (DTSC) 8800 Cal Center Drive, Sacramento, CA 95826

ACME (Aerospace Contamination Museum of Education) Comments - Draft NASA Field Sampling Plan Subgroup 1



Dear Mr. Carpenter,

From the information provided on the site walk, regarding the above referenced area that includes the Santa Susana Field Laboratory's (SSFL) Alfa-Bravo Fuel Farm (ABFF), the MX Missile Stage IV Loading Facility (PLF) and the COCA/DELTA Fuel Farm (CDFF) there are a few details to take into consideration for revision of the Draft Field Sampling Plan (FSP) for the National Aeronautics and Space Administration (NASA) controlled portion of the SSFL. The above photo shows the PLF just after the 2005 Topanga Fire prior to demolition in 2006. The majority of this sits on compacted fill and should be extracted and delivered to a proper landfill as dioxins from the fire and other Volatile Organic Compounds (VOC's) associated with this facility can cease to impact the Los Angeles River (LAR) Watershed as this area drains into Bell Creek, it's headwaters.

The FSP needs to include the entire suite of radionuclides as in prior years radioactive detections of Cesium 137 have been found the NASA portion of the SSFL. It has been revealed that the AREA IV operations have been impacting other areas of the SSFL and various water reclamation systems have contributed to this outcome. The pipelines that run from the Sodium Reactor Experiment, a reactor that suffered 13 of 43 fuel rods reaching melting point had a run-off pond that was channeled to the Silvernale Pond into the R2 pond in the NASA AREA II before reaching the LAR headwaters. We must remember that the water in the R2 pond was pumped up to the NASA operated COCA test stand providing cooling water for the Space Shuttle Main Engine tests. Cross contamination from AREA IV (Department of Energy/Atomic Energy Commission) should no longer be ignored.



The above photo has gone into an unknown in this FSP as it does not warrant sampling and the origin of the pipe is unknown. This pipe is just below structure 507 off Alfa Road and was/is not staked or labeled. Investigate further - Do not let this one fall through the cracks of this investigation to ensure a proper cleanup.

Thank you in advance for the consideration of my comments.

William Preston Bowling - Founder/Director

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