

BFI landfill
4001 N. Vasco Rd
Livermore

memo to file:

3/27/92

I spoke with Krzysztof (Krys) Jesionek of Kleinfelder today regarding the UST closures at this site during 1988.

We have been trying to evaluate why stockpiled soil samples had such high (up to 14,000 ppm TOG) conc. of oil & grease, when a sample collected below the waste oil tank were N.D. for all target compounds. Mr. Jesionek said that, to his best recollection, the subject tank was placed directly upon native material (clay), and the previously excavated soil placed around the tank as backfill. Hence, no imported backfill (pea gravel, sand) was used.

Upon removal of the tank, Mr. Jesionek said 6-8" of undisturbed native material was excavated prior to the collection of a single sample. He said that the ~~remaining~~ "backfill" remaining in the pit and some undisturbed native soil was visually contaminated, and was removed. This material likely contributed to the high stockpile soil results. This very limited excavation was overseen by Dennis Byrne of this office, and the sample location approved.

The tank was in such good shape that it has since been installed above-ground for the same purpose.

Mr. Jesionek and I reasoned that overspillage accounts for the high oil and grease concentrations, and that it is apparent that the oil was significantly contained by adsorption to the clayey-matrix of the tank pit back fill.

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