



Summary of TA-36 Site Visit (Kappa Site)
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TAs 68 and 71, which adjoin TA-36, are essentially buffer zones for White Rock and TA-39 for protection from airborne shrapnel.

TA-36 has utilized roughly 2 tons of depleted uranium.

Definition of depleted uranium: 98.8% of a typical uranium sample is U-238 and the rest is U-235, which is the hot gamma-active isotope. DU has a half-life of 9-10 years. It is separated out for use in experiments. It is also commonly used for materials in which very high densities are beneficial, e.g. weapons projectiles. It emits only alpha radiation, and is only considered hazardous as a toxic heavy metal.

There is a 500 gallon septic system at the guard house. It will be proposed to be removed without testing. The guard house will then be placed on the sewer system.

Materials disposal site closed in 1988 under solid waste regs. Subsequent sampling showed some hazardous contamination, therefore, the closure is still potentially a RCRA issue.

TA-36 detonates approx. 1500 shots/year, each shot ranging from a few grams to 5000 lbs/shot.

Shots are composed of depleted uranium because DU has higher sound speed, is denser, and ignites fires upon penetration.

Boneyard - was originally used to store old target materials, but not any more. Now it is used to store non-contaminated scrap materials, largely metal pieces, that may be used again for any purpose. The old target materials that were once stored here contained DU and other metals. Sampling in the past found DU and Lead in soil samples.

Satellite storage (haz storage) - There were drums beside the building that were covered with a canvas tarp. Drums inside the building contained acetone, mineral oil, and ethanol (all product). Photo 1 is of this building.

Photos 2,3, and 4 are of the boneyard.

Photo 4 shows empty drums.

Photo 5 is a photo showing the approximate location where the drums had been stored. (see Teri on this one)

Lower Slobbovia

- "Tank Farm" pit containing mV oil (essentially refined diesel oil)



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- Location of old Trench 1,2,3. Closed as a part of Materials Disposal AA. Closed under Solid Waste Regs. There is some kind of significant 1988 deadline under Solid Waste that drove this closure. Photo 6 shows the location of the trenches in the foreground and the burn pad in the background. The open burn pad has an air quality permit.
- Adjacent to the burn pad is an above ground storage bin containing low level rad waste which consists of gloves, rags, etc. May be included in photo 6. The burn pad was sampled and no contamination was found.