

Drogos, Donna, Env. Health

From: Weston, Robert, Env. Health
Sent: Wednesday, August 01, 2012 2:07 PM
To: Roe, Dilan, Env. Health; Drogos, Donna, Env. Health; Hugo, Susan, Env. Health
Subject: FW: Concrete Vaults at ECHOJ
Attachments: Boiler room vaults.jpg; Fuel oil piping into berm.jpg; Vault liquids.pdf

Categories: Mail_Cases_Plopping

Dilan,

It appears you are somehow involved with this location. Can you take a quick look at the results of the water sample taken from one of the concrete vaults found at the ECHOJ site at the former Camp Parks. There is some question regarding whether these vaults are USTs. Alameda County GSA rep Rod Freitag is providing this information to us. Two elements show up at elevated levels- Barium and Sulfur. There is also a hydrocarbon hit.

Thanks

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From: Freitag, Rod, GSA-Technical Services Department
Sent: Wednesday, August 01, 2012 12:17 PM
To: Weston, Robert, Env. Health
Subject: Concrete Vaults at ECHOJ

Hi Rob,

Following up on our conversation this morning, I've attached a couple more pictures showing the vaults and the piping running under the soil berm. According to PSI, our consultant, each tank has a 3' x 3' opening in the middle and a 3" pipe opening at each end. A couple of the pipes running under the berm contain oil and the others just water. The vaults contain oily water which PARC, the contractor, tells me Evergreen is going to haul off as non-hazardous oily water. Analytical from a sample PSI collected is attached; Evergreen supposedly collected its own sample.

My experience at the Santa Rita Property is that the heating oil (Bunker C) tanks used by the military were steel mounted on concrete hold down pads. I've never encountered concrete heating oil tanks out there before. This, combined with the fact that the oil piping didn't appear to be connected to the vaults leads me to believe that the piping was connected to equipment mounted on the vaults and that, if a storage tank is present, it's located at the other end of the oil piping under the berm.

The game plan is to pump out the vaults and break them up in-place. Whether the concrete is recycled or taken to Altamont or Vasco depends on what we find. After the vaults are gone, we'll remove any oil impacted soil and collected samples from the excavation. If the sample results look good, we'll backfill the excavation with soil from the berm. After that, the plan is to chase the oil piping into the berm to see what's at the other end.

Let me know if we really need to permit removal of the vaults. If we don't let me know how you want to be involved. As I mentioned before, some oil impacted soil was encountered when we unearthed these things and I expect you'll at least want to be there for sampling of the excavation.

Thanks.

Rod Freitag, Environmental Program Manager

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