

Detterman, Mark, Env. Health

From: Detterman, Mark, Env. Health
Sent: Wednesday, May 16, 2012 11:37 AM
To: 'Markus Niebanck'; 'Markus Niebanck'
Subject: FW: Well Destruction @ Ambassador Laundry

Importance: High

Hi Marcus,

I had forgotten the City is an RP, so I thought I'd better send this on...

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PDF copies of case files can be downloaded at:

<http://www.acgov.org/aceh/lop/ust.htm>

From: Detterman, Mark, Env. Health
Sent: Wednesday, May 16, 2012 11:21 AM
To: 'Nick Patz'; 'Jessica Sheldon'
Cc: Yoo, James
Subject: Well Destruction @ Ambassador Laundry
Importance: High

Nick and Jessica,

I wanted to formalize ACEH's verbal request that the thickness of free-phase be measured with an oil interface probe BEFORE pumping it off by the driller tomorrow, and that a sample be collected for fingerprint analysis, and for standard (and required) analysis of an unknown oil (TPHg, TPHd, O&G, BTEX, chlorinated volatile organic compounds (EPA 8260), all fuel oxygenates (MTBE, TAME, ETBE, DIPE, TBA) and lead scavengers (EDB & EBC), LUFT metals (Cd, Cr, Pb, Ni, Zn), PCBs, PNA, PCP, and Creosote. This is requested / required because we do not know if this was motor oil dumped down the well or if it was related to well lubrication. The FP measurement will help your driller determine the volume of drums or tanks that would be needed to contain the FP and groundwater.

When pumping of the well begins, it should specifically concentrate on the FP to recover as much as possible prior to mixing it with groundwater, which is far less efficient at FP recovery. ACEH is also requesting that the recovery rate of FP be measured to determine the potential additional volume of FP that may be in the well. This will require an undisturbed well for an extended period of time, and may help prevent a need to investigate the extent of contamination at 150 feet at some significant cost to RCD. Should you have questions, please let me know.

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