From: Laura Rainey
To: Hambrick, Dixie; Malinowski, Mark
CC: Collins, David; Dassler, David W; Jennings, Stephanie; Jones, John; ...
Date: 10/21/2011 4:31 PM
Subject: Re: DOE Interim Screening Levels

Dixie, Stephie and John,
After speaking with Mark Malinowski yesterday, we agreed to issue an email note of concurrence to your approach for DOE Interim Screening Levels (ISL). Draft proposed ISL tables were submitted to DTSC for review and were subsequently revised to adequately address DTSC comments. Use of ISLs will allow review and screening of data, identifying data gaps, and planning for Phase 2/3 investigation sampling until the Lookup Table values are approved. DTSC thus concurs with DOE's proposed ISL tables for soil matrix and soil vapor, dated October 17, 2011. Please note that the draft DOE ISL tables are now posted on the DTSC-SSFL web site at:

http://www.dtsc-ssfl.com/files/lib_doe_area_iv/ChemCoLoSamp/65172_Draft_DOE_ISL_Table_1_and_2_101611.pdf

Thank you,
Laura Rainey

Laura Rainey, P.G.
Senior Engineering Geologist
California Department of Toxic Substances Control
Brownfields and Environmental Restoration Program
Cleanup Program, Office of Geology
5796 Corporate Avenue
Cypress, CA 90630
(714) 484-5434 (phone)
(714) 484-5411 (fax)
lrainey@dtsc.ca.gov (email)

>>> Dixie Hambrick <Dixie.A.Hambrick@us.mwhglobal.com> 10/7/2011 9:06 AM >>>
Laura and Mark - attached is the revised ISL screening table and text we discussed yesterday. The ISL is based on using the highest of the routinely achieved lowest RLs from 3 recent DOE sampling programs (Group 6, Co-Located Study, and MDL Study). For Group 6 and the co-located study, the RLs are based on a population of data not just the 'lowest'. As discussed, we are proposing to show lower RL achievements in the recent events by color coding the resulting 'dot maps' using a tiered approach - both 'green' and 'blue' below the ISL, with 'green' below the lower recently achieved RL. Differentiating these two will aid in our data gap analysis by showing concentration gradients, and show the full range of the data. We have called this extra comparison step the 'Lower Data Display Criterion.'

For this initial approach review, the table shows both the previous approach and the revised approach for easy comparison. A final package for DTSC's review and concurrence would leave a blank RBSL column and only show the proposed ISL basis, along with how the data are being displayed in the TM.

Laura, I should be able to get you examples of how we determined the 'most frequently achieved' low RL and the statistical calculations shortly, and as discussed yesterday, we'll be checking a few of the oddball RLs for the VOCs (the 53 ppb ones). If you have any other questions, please let me know.

Dixie

(626) 568-6348 (office)
(818) 612-7443 (cell)
(818) 842-0373 (Burbank)