

Conor Pacific

Alameda County
MAR 30 2004
Environmental Health

March 24, 2004
Project No. BNC 104

To Whom It May Concern:

Enclosed on this CD is a an electronic report documenting recent and historical site characterization and remediation efforts for the B&C Market/Desert Petroleum fuel release site in Livermore, California. The report enclosed herein builds on an electronic reporting format developed by Donna Drogos, Alameda County Environmental Health (ACEH), and Murray Einarson, Consulting Hydrogeologist. The electronic report represents a new way of compiling, communicating, and archiving site conceptual models (SCMs) at active fuel release sites.

The new approach consists of building a "living electronic document" or "electronic SCM" for compiling and conveying SCMs to project participants. The electronic SCM was prepared as a table in MS Word and has numerous hyperlinks to supporting data tables, figures, web sites and supporting documents (all of which are included in the supplemental folders on the CD). The intent of the format is to maximize the use of tables and graphics to quickly convey the essential elements of the SCM.

The electronic SCM is intended to be a complete embodiment of the current SCM, and is intended to be used by the regulator(s) overseeing the project to provide direct electronic feedback. There are columns where data gaps have been identified, along with recommended tasks required to fill those data gaps and further advance the SCM. Those columns can be filled in by the consultant, the regulator, or preferably, by both parties. Ultimately, ACEH intends to replace the CD version of the electronic SCM with an internet-based version that will be accessible to all project participants via a secure (i.e., project participants only) intranet portal. Being able to access the SCM in real time will allow the project participants to partake in the testing, refinement, and validation of the SCM.

The electronic SCM is dynamic in nature, but will be archived at key junctures simply by saving the SCM and all supporting graphics, sketches, hypotheses, and supporting documents, on a series of CDs. Specifically, the enclosed CD is saved as a "read-only" document to preserve it as an archive document. Going forward, the document can be modified by "saving as" a new revision to the document. That way, the evolution of the SCM for the investigation will be documented and archived. In addition, many of the graphics files are saved as ".pdf" files which cannot be modified except by the creator. However, certain files (e.g., MS Excel and MS Word) can be opened and modified, as necessary.

The format of ACEH's original electronic SCM has been modified slightly to show the progression from the regulator's previous review to the work performed for this investigation. In addition, new content elements have also been added to the SCM matrix. We believe that the new SCM provides a wealth of information regarding our recent investigation, however,

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we welcome comments as to how the format or content could be further improved. As recognized by ACEH, the electronic SCM is a work in progress and further "fine-tuning" is expected as this project, and potentially others, move forward.

Please feel free to contact either of us should you have any questions regarding the enclosed SCM.

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**CD INCLUDED WITH
THIS DOCUMENT**