

## Underground Storage Tank Program Working Group

### Twentieth Regular Meeting

**Date: May 17, 2004**

**Time: 10:00 am - 2:45 pm**

**Place: Los Angeles Regional Board  
Pacific Ocean Room, 2<sup>nd</sup> Floor  
320 W. 4<sup>th</sup> Street, Los Angeles, CA 90013**

### AGENDA

#### 1. Mass Flux Workshop

10:00	Introductions	Yue Rong, RWQCB
10:15	Mass Flux Concepts	Chuck Newell, GSI
10:45	Mass Flux Estimates – Case Studies	Tim Buscheck, Chevron
11:45	Lunch	
12:45	API Groundwater Remediation Strategies Tool	Chuck
1:30	Answers to Frequently Asked Questions About Ethanol Impacts to Groundwater	Tim
2:15	Questions / Discussion	All

Chuck Newell, Ph. D., Groundwater Services, Inc.

Tim Buscheck, ChevronTexaco

API Publication Number 4730, Groundwater Remediation Strategies Tool, provides strategies for focusing remediation efforts on 1) the change in contaminant mass flux (mass discharge) in different subsurface transport compartments and 2) the change in remediation timeframe. This method allows the user to estimate the baseline mass flux and remediation timeframe for various transport compartments and then evaluate how different remedies reduce the mass flux and the remediation timeframe in each transport compartment. Mass flux estimates are useful to: (1) assist remediation decisions, demonstrate natural attenuation, and (3) evaluate potential impacts to receptor wells. A number of case studies will be presented to illustrate these applications.

This Workshop will also present the API Research Bulletin No. 20, "Answers to Frequently Asked Questions About Ethanol Impacts to Groundwater."

#### 2. Topics and Time for Next Meeting

#### 3. Adjournment