

3/29/88

Meeting w/ RWACIB  
EMERYVILLE VILLAGE -

Ravi = Risk Communications  $\Rightarrow$  Public meeting  
Community Outreach =  
NRC = public

RMPs - Notifications

Deed notifications - how will be implemented  
- no private yards =

Fire Station - MTBE  $\checkmark$

Mineral Spirits =

TCE/PCE's dHC =

1) Draft - to finalize

2) RMP - deed notification

Risk Assessment Report  $\rightarrow$

R: Shallow groundwater should not be used in the  
Area:

Future construction

All Slab on grade  $\rightarrow$

pile driving  $\rightarrow$

- maybe hot spot removal on areas that will be  
excavated  $\downarrow$  COC = 1,000 ppm TPH

COC's distribution on site

$\rightarrow$  site map

Deed Restriction

**PROPOSED EMERYVILLE VILLAGE CENTER  
HUMAN HEALTH RISK ASSESSMENT**

**1. Overview of Technical Approach and Conclusions**

- Current Development Plans
- Purpose of Evaluation
- Conclusions of Risk Assessment

**2. Technical Approach to Health Risk Assessment**

- Site Description and Background
- Chemical Selection
- Populations and Pathways
- Fate and Transport Modeling
- Toxicity Criteria
- Site-Specific Target Levels (SSTLs)
- Comparison of Maximum Detected Concentrations to SSTLs

**3. Additional Characterization Completed in February, 1999**

- Emeryville Fire Station
  - Soil and groundwater testing- TPH, BTEXs and MTBE
  - Analytical Results
  - Implications
- Standard Brands- TPH as mineral spirits
  - Need for additional characterization
  - Soil Vapor Sampling
  - Analytic Results
  - Fate and Transport Modeling
  - Comparison of Soil Gas SSTLs to Maximum Concentrations

**4. Recommendations**

- **Emeryville Fire Station**
  - ➔ No Further Action Required
- **TPH as Mineral Spirits**
  - ➔ No Additional Soil Gas Sampling Due to Conservative Fate and Transport Modeling Approach, and the Conclusion that the Levels are *De Minimis*
- **Recommendation for Site Closure**
  - ➔ Exposures to Maximum Detected Concentrations *De Minimis*:
    - Cumulative Risks Under  $1 \times 10^{-5}$
    - Cumulative Hazard Indices Under 1

3/29/98

Emeryville Village Center  
Meeting at RWQCB

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