

**Summary of Meeting**  
**Del Monte Plant 35, Emeryville, California**  
**Prepared by: Madeline Wall/CH2M HILL**  
**Date Issued: June 27, 1995**

**Meeting Date:** June 23, 1995

**Location:** Regional Water Quality Control Board, Oakland, CA

**Attendees:** Sum Arigala/RWQCB  
Bern Baumgartner/CH2M HILL  
Madeline Wall/ CH2M HILL

**Meeting Objective**

CH2M HILL, on behalf of Del Monte, requested the meeting for the purpose of:

- Reviewing proposed plans for the East Parcel groundwater remediation, the West Parcel GET system phased shut down, and the overall site groundwater management
- Obtaining agency input to the proposed plans before they are formalized and submitted

**Topics Discussed**

The following topics were discussed with general concurrence being reached regarding the plans for remediation, duration of groundwater extraction and treatment, and monitoring after systems are shut off.

**East Parcel groundwater extraction**

The approach described by CH2M HILL involves installing one extraction pit initially at the location where soil containing chlorinated VOCs has been excavated. A second pit may be installed near the location of the underground tank that is being excavated this week. The decision of installing the second pit will be based on the field conditions encountered during removal of the underground tank and on groundwater quality measured in a monitoring well that will be installed downgradient of the former tank location. Groundwater will be extracted from the pit(s) and treated before being discharged to the sanitary sewer under an East Bay MUD permit.

When the second phase of site demolition is completed involving the removal of the main processing building, additional groundwater monitoring wells will be installed downgradient of the extraction system to evaluate groundwater quality and the extraction

system's zone of influence. (The timing of the second phase of demolition is dependent on the property transaction between Del Monte and Kaiser closing. The closing may occur later this summer or may not occur until the end of the year.) Based on the results of the groundwater evaluation, a decision will be made regarding the benefit of adding to the extraction system by installing an extraction trench downgradient of the initial extraction pit(s).

#### **Length of operation of East Parcel GET system**

CH2M HILL proposed operating the East Parcel GET system until Kaiser begins construction of the hospital (currently planned for summer 1996). At that time the system would be shut off while construction occurs. If groundwater quality as measured in the East Parcel monitoring wells is below criteria established for the West Parcel as acceptable at the downgradient property edge, the East Parcel system would not be restarted after construction unless triggered by subsequent monitoring results. If groundwater quality on the East Parcel exceeds the criteria, the East Parcel GET would be re-started as soon as construction activities allowed. The system would then be operated until groundwater quality meets the criteria or asymptotic levels were achieved, whichever occurs first.

#### **West Parcel GET system phased shut off**

The approach discussed for closing down the West Parcel GET involves:

- Shut off the system if results of samples collected June 21st indicate that levels are similar to or lower than results seen over the past 9 months (results due about July 7)
- Collect samples from MW-10 and MW-12 after one month of being shut off
- Turn on the system and operate for one month, collecting samples from MW-10 and MW-12 at the end of the month of operation
- Turn off the system for one month and collect samples from MW-10, MW-12, MW-9, and MW-7 at the end of the month, which is also the end of the quarter
- If no significant rebound has occurred, the system would remain shut off unless subsequent monitoring indicates a need to turn it back on
- If a significant rebound does occur, the system would be turned back on

#### **West Parcel groundwater monitoring wells**

Monitoring wells for monitoring after the system is shut off will include:

- MW-12 (existing)

- MW-10 (existing, but will need to be replaced to accommodate construction)
- MW-7 (existing, but will need to be replaced to accommodate construction)
- A new monitoring well on Park Avenue between Hollis and Holden
- If access is granted, the City's well on their property at the southeast corner of Hollis and Park

### **Groundwater Evaluation Criteria**

The concentration in monitoring wells that will indicate the need for additional remediation (presumably turning the GET system back on) will be in the range of 250 to 500 ppb total VOCs. For a single compound (such as vinyl chloride), however, the level may be lower due to greater health risks. The levels will be a fraction of the calculated concentrations that pose a  $10^{-6}$  excess cancer risk. The concentration selected will be substantiated by: 1) health risk calculations, 2) confirmation of the absence of a direct connection to the Bay, and 3) modeling of contaminant transport from the downgradient property edge.

### **Site wide monitoring**

After construction of the hospital complex, the wells that would remain for monitoring would be:

- one well near the East parcel PCE source area
- one well at the western edge of the hospital building
- MW-7
- MW-10
- MW-12
- one well on Park between Hollis and Holden
- City's well near southeast corner of Hollis and Park, if access allowed

After the GET systems are shut off, the wells will continue to be monitored quarterly until concentrations in monitoring wells are below the established evaluation criteria for four consecutive quarters. At that time, monitoring frequency will be changed to semi-annually. When concentrations in monitoring wells are below the evaluation criteria for four consecutive monitoring events (2 years), monitoring will be discontinued.

If increasing concentration trends are noted, however, the monitoring duration may be re-evaluated.

## **Reporting**

Del Monte will submit a document describing the remediation plans for the East Parcel soil and groundwater. A separate "site wide risk management plan" will be prepared and submitted to the agencies that describes the groundwater management and monitoring plan and includes the justification for groundwater evaluation criteria, the GET systems operation plan, and the groundwater monitoring plan.