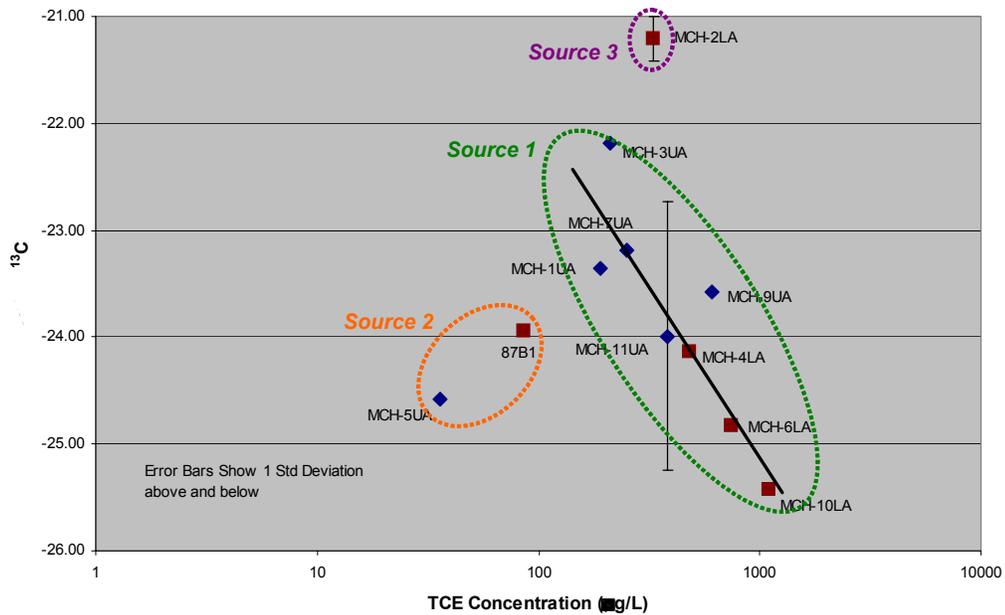
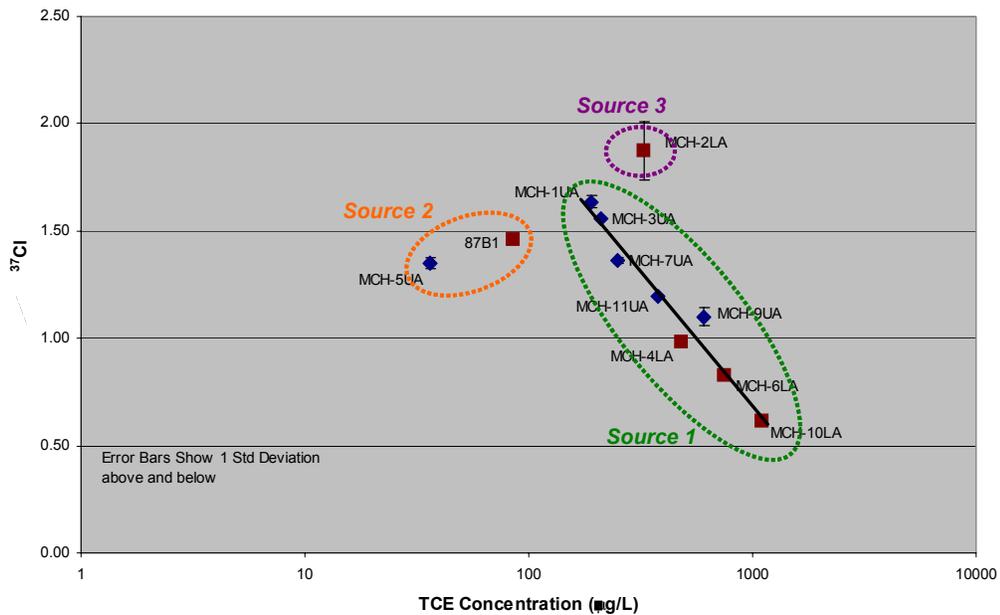


# $\delta^{13}\text{C}$ vs TCE



# $\delta^{37}\text{Cl}$ vs TCE



## LEGEND

◆ Upper A Aquifer Well

■ Lower A Aquifer Well

$$\delta^{37}\text{Cl} = (R_{\text{Cl-sample}}/R_{\text{Cl-standard}} - 1) \times 1,000$$

$$R_{\text{Cl}} = {}^{37}\text{Cl}/{}^{35}\text{Cl}$$

$$\delta^{13}\text{C} = (R_{\text{C-sample}}/R_{\text{C-standard}} - 1) \times 1,000$$

$$R_{\text{C}} = {}^{13}\text{C}/{}^{12}\text{C}$$

Cl-standard = Standard Mean Ocean Chloride

C-standard = Vienna Pee-Dee Belemnite

μg/L-micrograms per liter

C - carbon

Cl - chlorine

TCE - trichloroethene

Std- Standard

BASE REALIGNMENT AND CLOSURE  
PROGRAM MANAGEMENT OFFICE WEST  
SAN DIEGO, CALIFORNIA

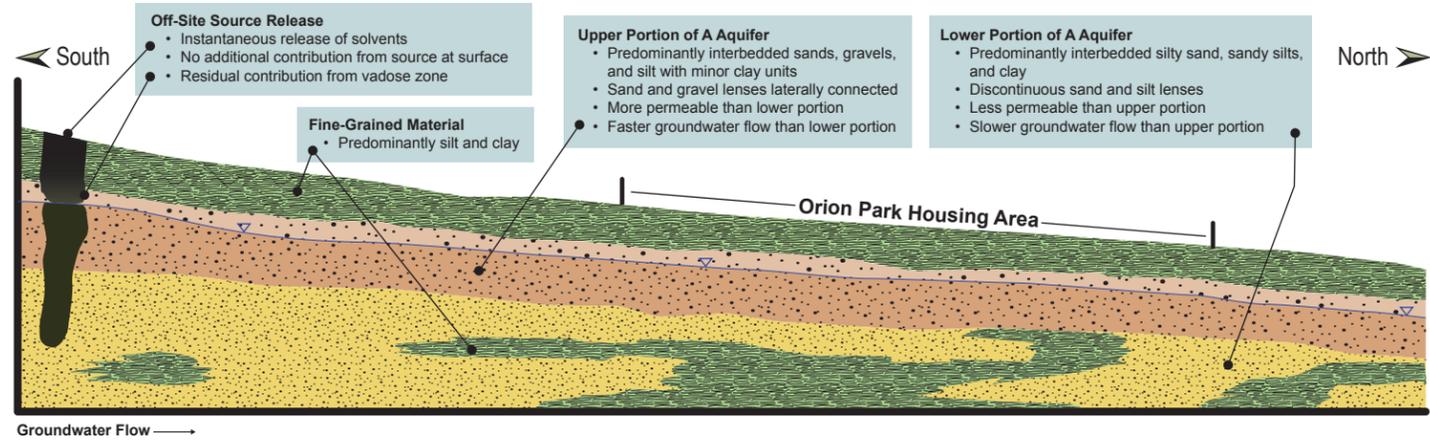
GROUNDWATER MONITORING WELL INSTALLATION AND  
SAMPLING REPORT FOR ORION PARK HOUSING AREA  
FIGURE 6-15

GROUNDWATER ISOTOPE RELATIONSHIP, DECEMBER 2005  
MOFFETT COMMUNITY HOUSING  
MOFFETT FIELD, CALIFORNIA

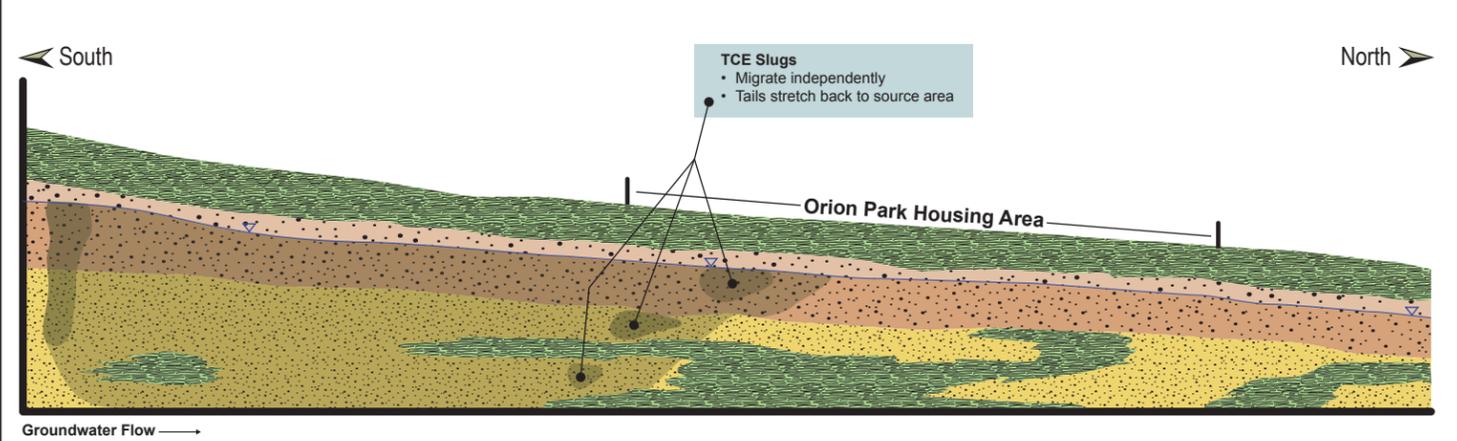
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AUTHOR: KLD  
FILE : 061004615.DWG



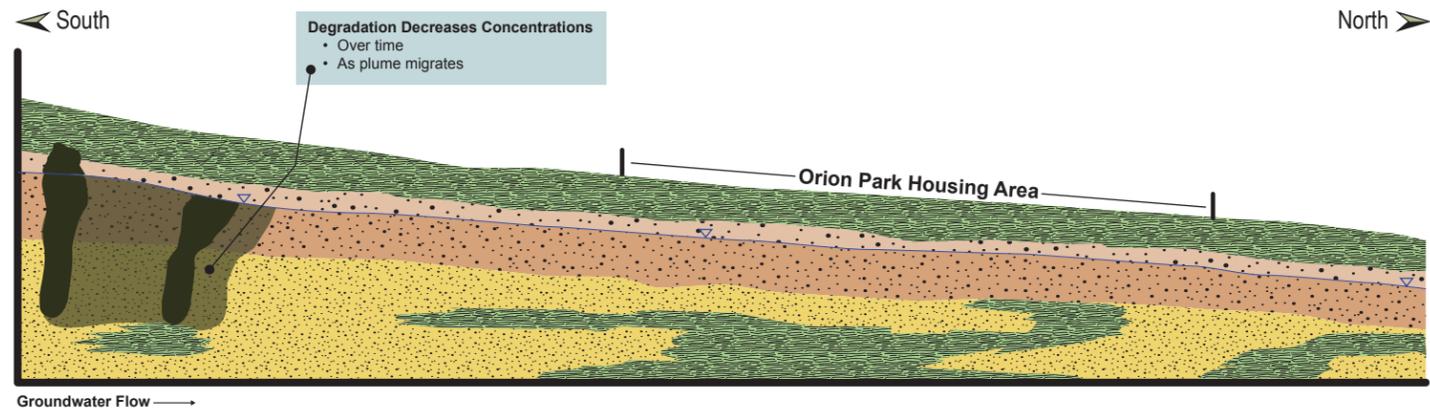
**Time 1 | Initial Release**



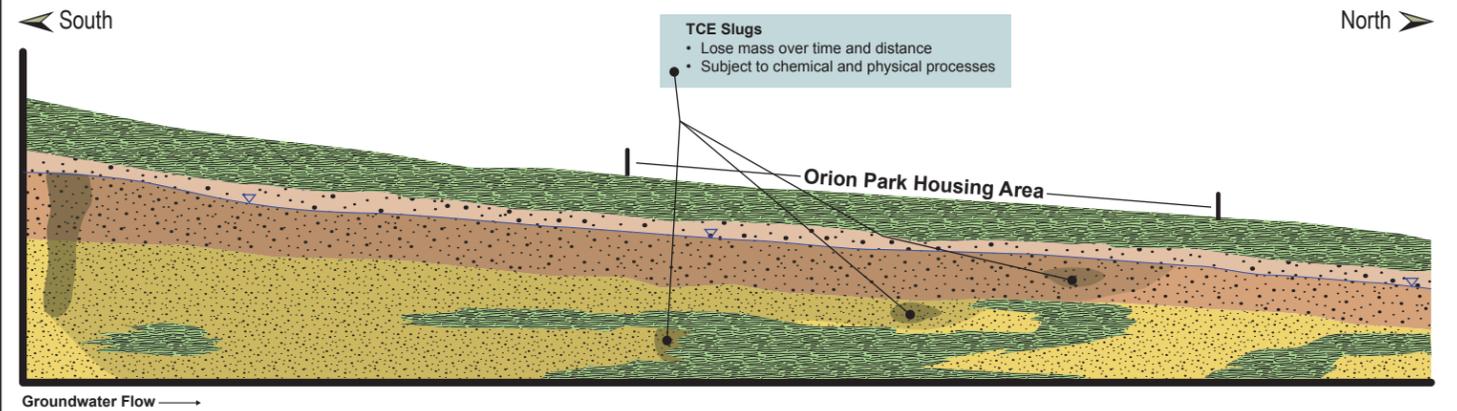
**Time 4**



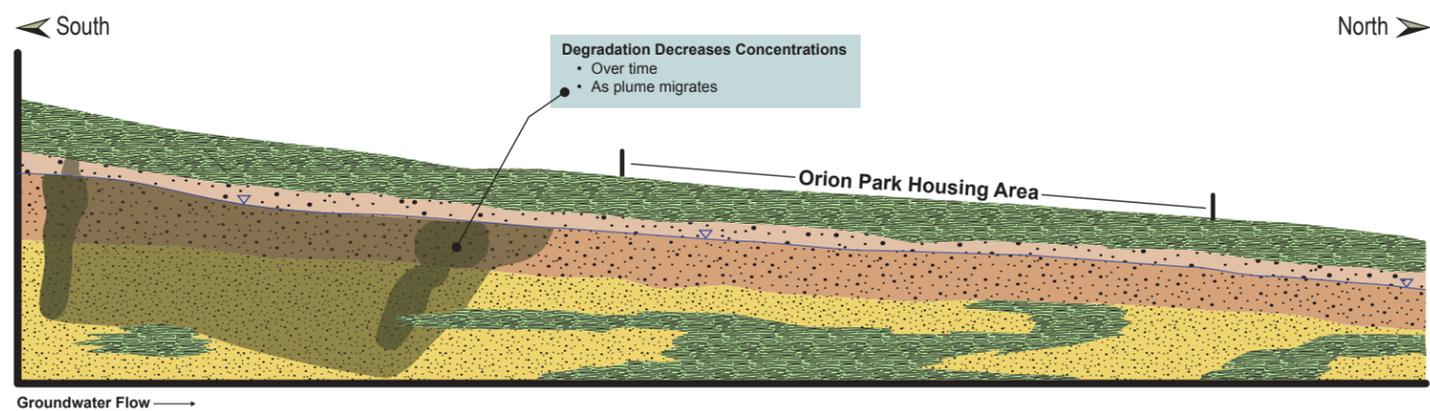
**Time 2**



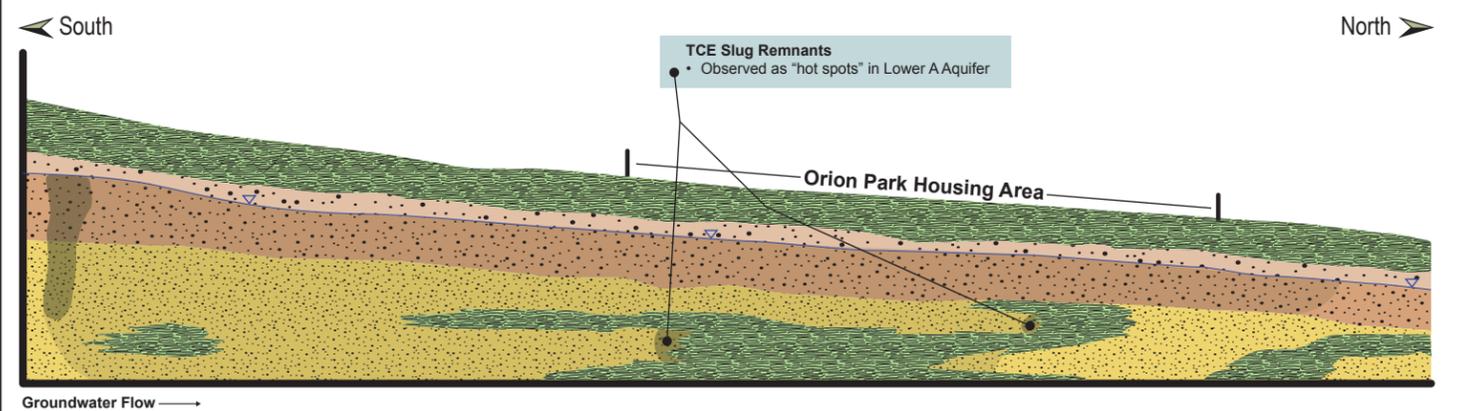
**Time 5**



**Time 3**



**Time 6 | Current Site Conditions**



**Legend**

- Fine-Grained Surface Material
- Source Release
- Upper Portion of A Aquifer
  - Unsaturated
  - Saturated
- Lower Portion of A Aquifer
  - Saturated
- Highest Concentration in Plume
- Measurable Concentrations in Plume
- Water Table

BASE REALIGNMENT AND CLOSURE PROGRAM MANAGEMENT OFFICE WEST SAN DIEGO, CALIFORNIA

GROUNDWATER MONITORING WELL INSTALLATION AND SAMPLING REPORT FOR ORION PARK HOUSING AREA

FIGURE 6-16

CONCEPTUAL SITE MODEL

MOFFETT COMMUNITY HOUSING

MOFFETT FIELD, CALIFORNIA

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