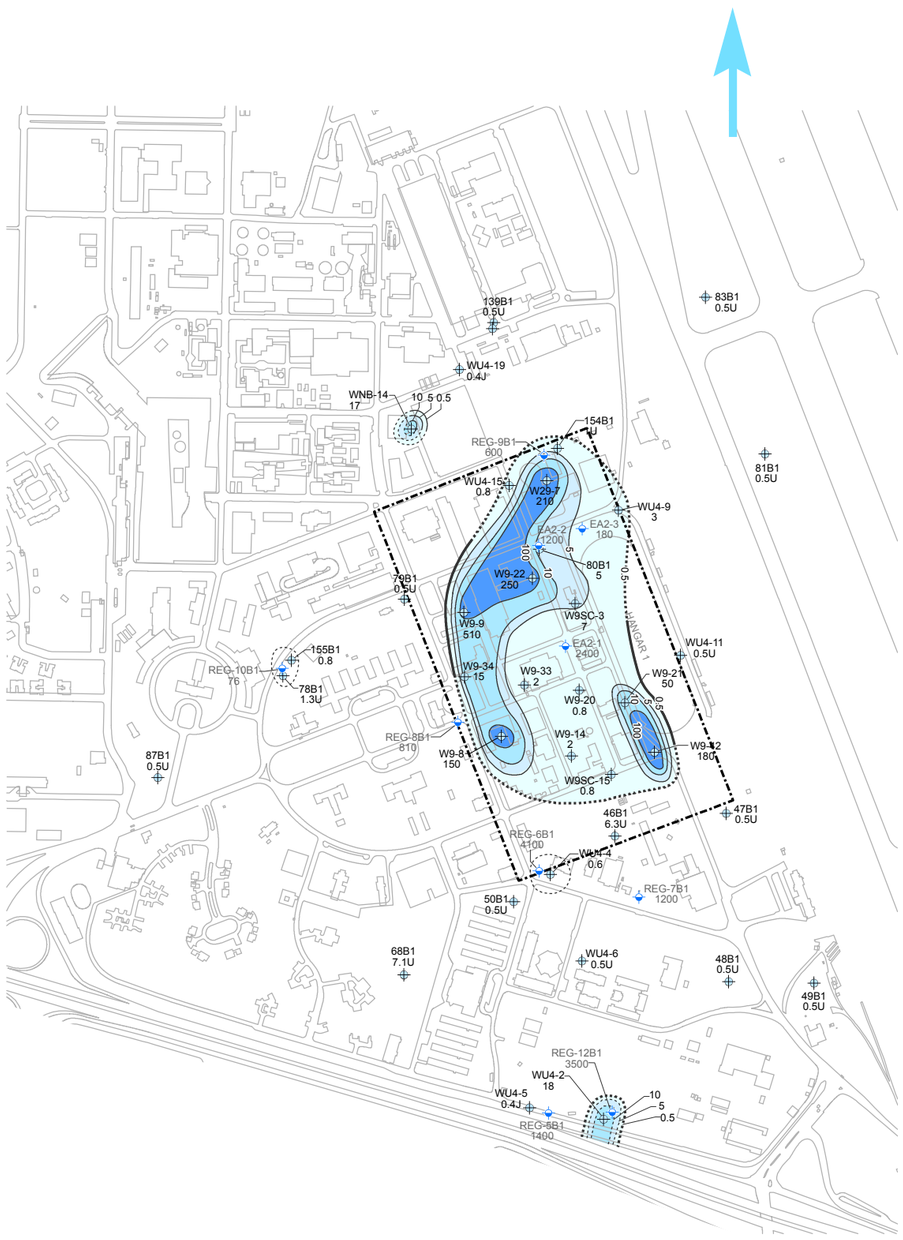
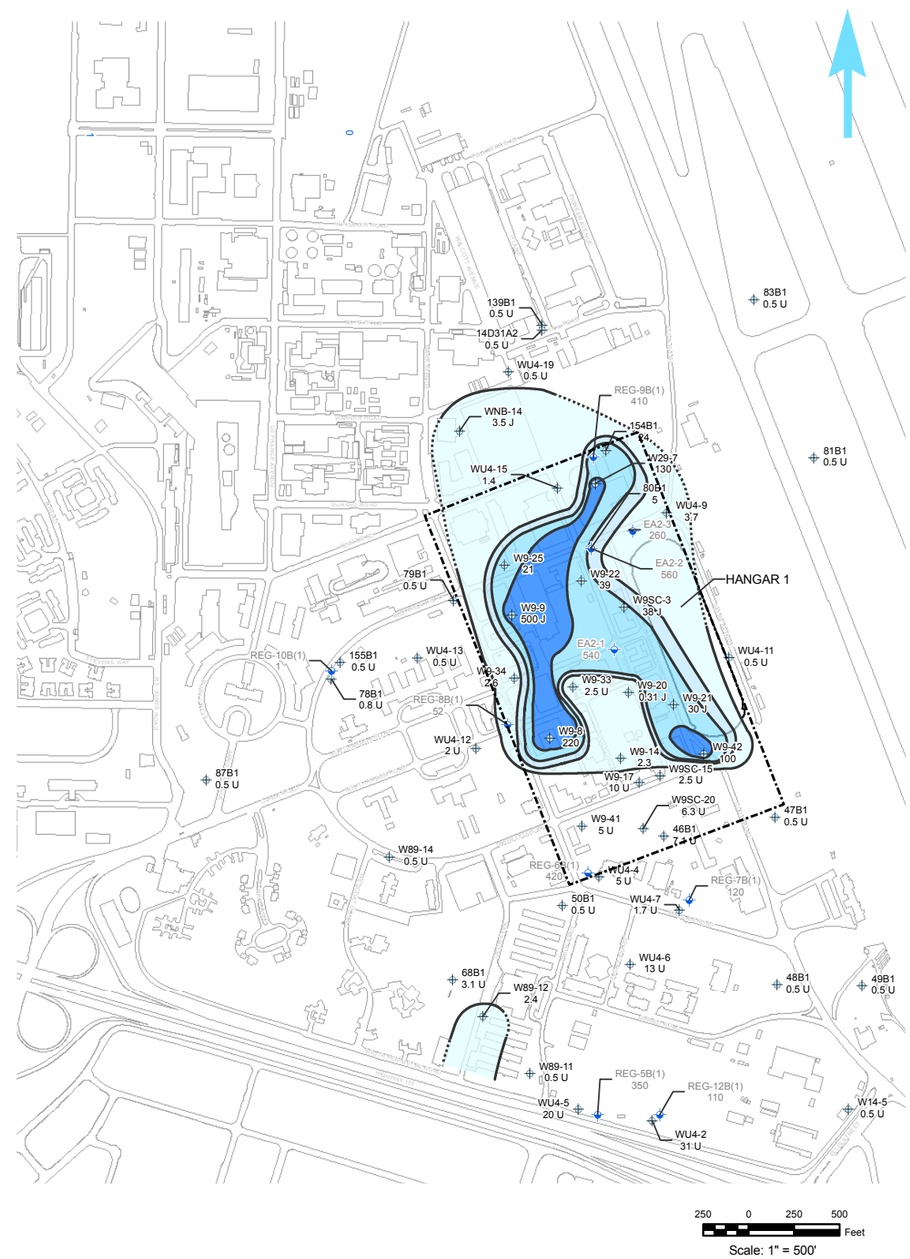


December 2005

Source: TETRA TECH EC 2006



November-December 2008

Source: SES TECH, 2009

LEGEND

WU4-2
31 U — Monitoring Well Location Concentration (µg/L)

REG-12B(1)
110 — Extraction Well Location Concentration (µg/L)

0.5-10 µg/L — VC Concentration, Dashed Where Inferred

5 - 10 µg/L — VC Concentration, Dashed Where Inferred

10 - 100 µg/L — VC Concentration, Dashed Where Inferred

≥ 100 µg/L — VC Concentration, Dashed Where Inferred

General Regional Groundwater Flow Direction

Site 28

NOTES:

µg/L - Micrograms per Liter
J - Estimated Value
NAS - Naval Air Station
VC – Vinyl Chloride
U - Not Detected at Laboratory Reporting Level
WATS - West-Side Aquifers Treatment System
Groundwater Clean Up Standard is 0.5 µg/L (EPA 1989) For VC

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Figure 25
VC Distribution West of the Runways, Lower Portion of the A Aquifer, Dec. 2005 and Nov.-Dec. 2008

Five-Year Review: IR Sites 1, 22, 26, and 28
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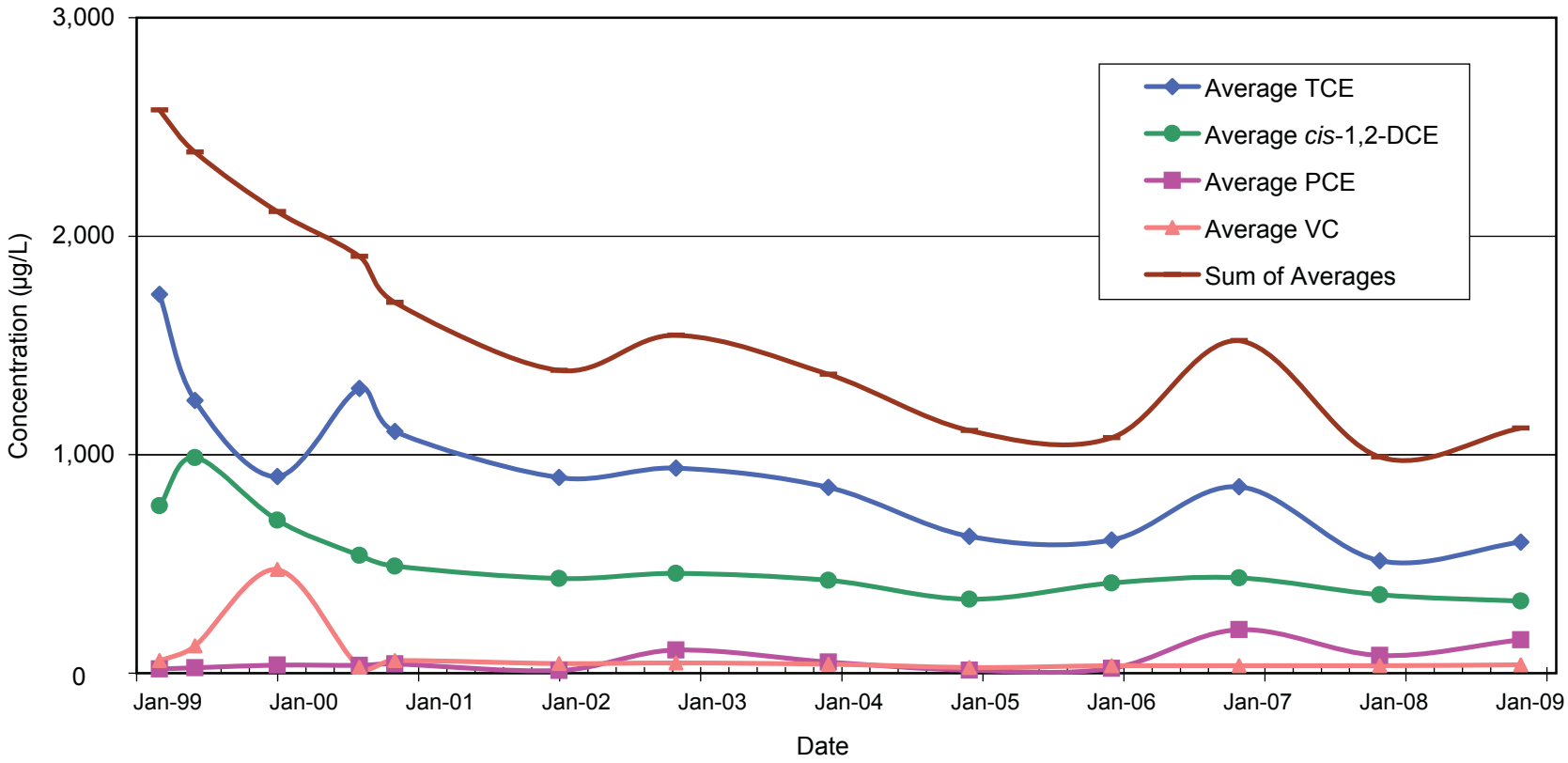

Notes:
Averages based on extraction well analytical samples
µg/L - micrograms per liter
TCE - trichloroethene, *cis*-1,2-DCE - *cis*-1,2-dichloroethene, PCE - tetrachloroethene, VC - vinyl chloride, VOC - volatile organic compound
Averages were prepared for extraction wells. The average for each target VOC is calculated by adding the reported concentrations and dividing the resulting sum by the population of reported concentrations. In the case of non-detect results, one half of the laboratory reporting limit was used to produce the sum. The sum of averages for the target VOCs is calculated by adding the averages for TCE, *cis*-1,2-DCE, PCE, and VC.

Source: SES-TECH 2009

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Figure 26
WATS Average and Sum of Average TCE, PCE, *cis*-1,2-DCE, and VC Influent Concentrations for Extraction Wells

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