



UNITED STATES MARINE CORPS

HEADQUARTERS MARINE CORPS AIR STATION EL TORO
PO BOX 95000
SANTA ANA CA 92709-5000

M60050.000141
MCAS EL TORO
SSIC # 5090.3

IN REPLY REFER TO:
6280
1AU/50.1

JUN 17 1993

Mr. Bob McVicker
Irvine Ranch Water District
P. O. Box 6025
Irvine, CA 92716-6025

Dear Mr. McVicker,

Several irrigation wells operated by your company are within the known TCE plume emitting from Marine Corps Air Station El Toro--Well ET-1 and future Well No. 78(see encl.). To prevent accidental ingestion of the contaminant, we request that you post these wells as non-potable and not safe for drinking in both English and Spanish.

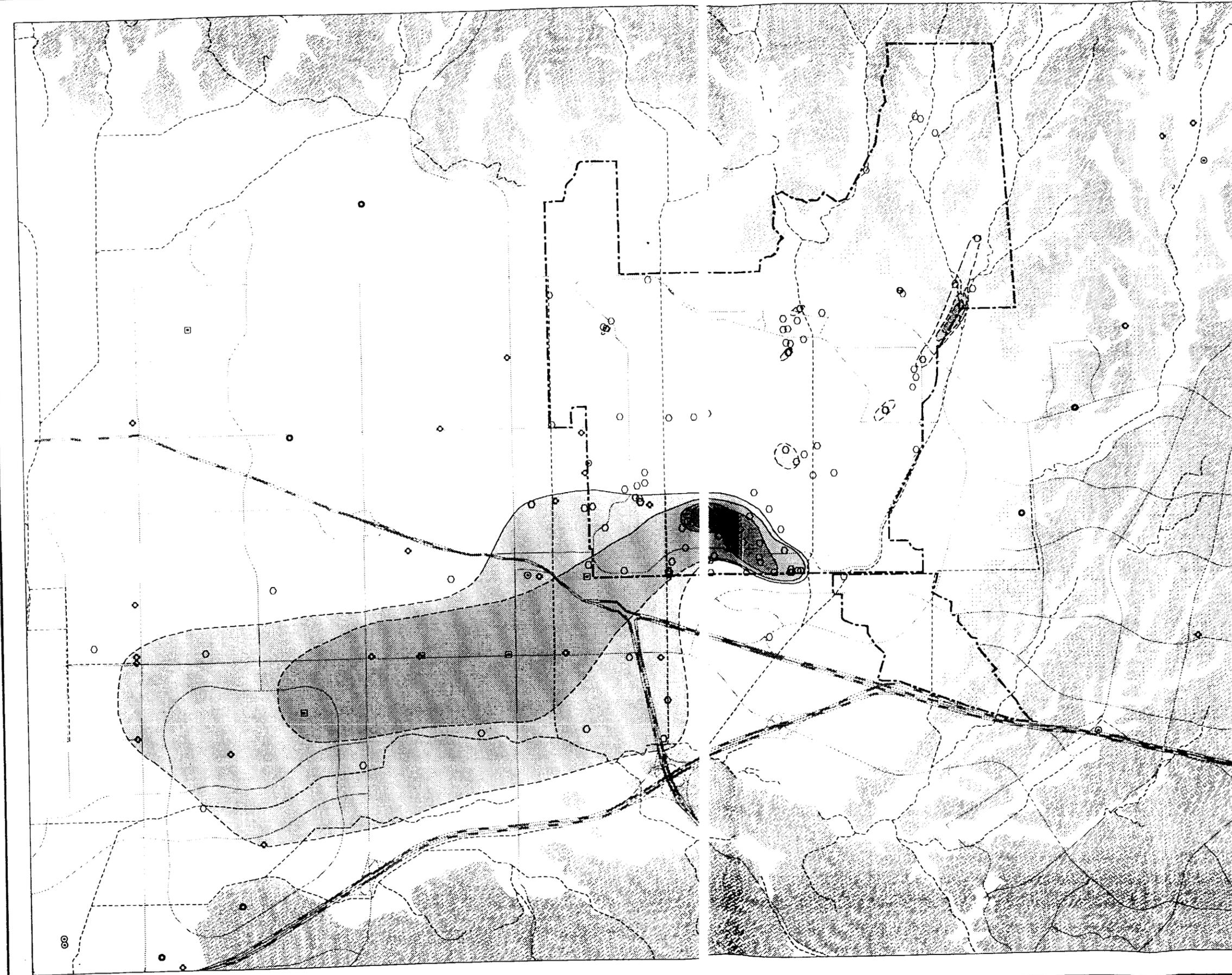
Should you have any questions, contact Chrisa Mitchell at 714-726-6607.

Sincerely,

L. G. Serafini
LCDR, CEC, USN
Director Environmental Engineering

Encl:
(1) TCE Plume Map

Copy to:
Environmental Protection Agency, Region IX
California Department of Toxic Substance Control, Region IV
California Regional Water Quality Control Board, Santa Ana Region
SOUTHWESTNAVFACENGCOM (1812)✓
COMCABWEST (AQ2/AJ.1)



- FEATURES:**
- BEDROCK
 - 0.5 TO 5.0 ug/l TCE
 - 5.0 TO 50.0 ug/l TCE
 - 50.0 TO 500.0 ug/l TCE
 - GREATER THAN 500.0 ug/l TCE
 - MONITORING WELL
 - DEEP, 25-FOOT, OR ANGLE BORING
 - SEDIMENT SAMPLE
 - SURFACE WATER AND SEDIMENT SAMPLE
 - SURFACE AND NEAR-SURFACE SOIL SAMPLE
 - IRRIGATION SUPPLY WELL
 - PRODUCTION WELL
 - MUNICIPAL SUPPLY WELL
 - INDUSTRIAL SUPPLY WELL
 - FREEWAY
 - ROAD
 - MCAS EL TORO BOUNDARY
 - WASH OR STREAM
 - ISOCONCENTRATION CONTOUR
 - INFERRED ISOCONCENTRATION CONTOUR

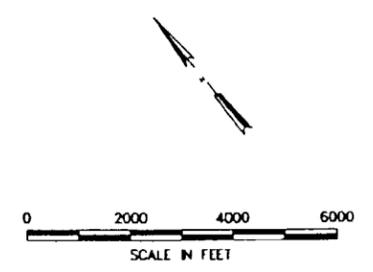


FIGURE 6-1a
SITE 18 (OU-1):
TRICHLOROETHYLENE
(TCE) CONCENTRATION
IN REGIONAL GROUNDWATER
MCAS EL TORO PHASE I RI
TECHNICAL MEMORANDUM