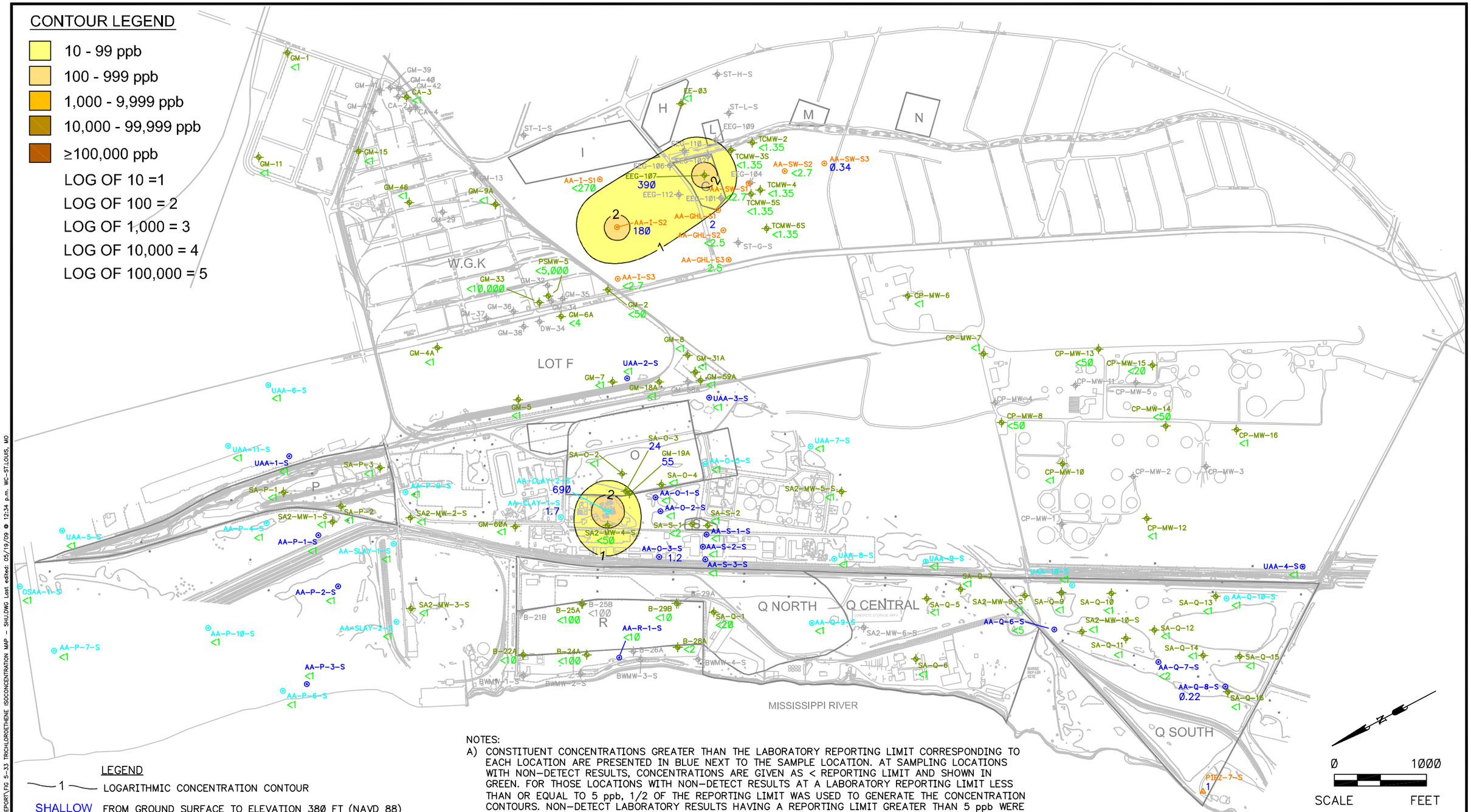

LEGEND

1 — LOGARITHMIC CONCENTRATION CONTOUR

SHALLOW — FROM GROUND SURFACE TO ELEVATION 380 FT (NAVD 88)

PIEZOMETER CLUSTER (2004 SA2 RI)

GROUNDWATER PROFILING LOCATION (2004 SA2 RI)

GROUNDWATER PROFILING LOCATION (2005/2006 SA2 SUPPLEMENTAL INVESTIGATION PHASE 1 AND 2)

GROUNDWATER PROFILING LOCATION (SA1)

MONITORING WELL LOCATIONS

NOTES:

A) CONSTITUENT CONCENTRATIONS GREATER THAN THE LABORATORY REPORTING LIMIT CORRESPONDING TO EACH LOCATION ARE PRESENTED IN BLUE NEXT TO THE SAMPLE LOCATION. AT SAMPLING LOCATIONS WITH NON-DETECT RESULTS, CONCENTRATIONS ARE GIVEN AS < REPORTING LIMIT AND SHOWN IN GREEN. FOR THOSE LOCATIONS WITH NON-DETECT RESULTS AT A LABORATORY REPORTING LIMIT LESS THAN OR EQUAL TO 5 ppb, 1/2 OF THE REPORTING LIMIT WAS USED TO GENERATE THE CONCENTRATION CONTOURS. NON-DETECT LABORATORY RESULTS HAVING A REPORTING LIMIT GREATER THAN 5 ppb WERE NOT USED TO GENERATE THE CONCENTRATION CONTOURS.

B) LOCATIONS THAT ARE GREY SCALED ARE LOCATED WITHIN THIS HYDROLOGIC UNIT, BUT WERE NOT SAMPLED.

C) THE BASE-10 LOGARITHM OF EACH CONCENTRATION WAS USED TO GENERATE THE CONTOUR LINES.

D) PRELIMINARY, SOFTWARE-GENERATED DRAFT. EDITED BASED ON PROFESSIONAL JUDGEMENT.

E) AT LOCATIONS WITH MULTIPLE SAMPLES, THE HIGHEST CONCENTRATION WAS USED.

SAUGET AREA 1 REMEDIAL INVESTIGATION REPORT SAUGET AND CAHOKIA, ILLINOIS	PROJECT NO. 21562123

URS

DRN. BY: lrm 6/11/09 DSGN. BY: ekf CHKD. BY:	Trichloroethene Isoconcentration Map-SHU	FIG. NO. 5-33

File: P:\ENVIRONMENTAL\SAUGET AREA 1 RI REPORT\FIG 5-33 TRICHLOROETHENE ISOCONCENTRATION MAP - SHU.DWG Last edited: 05/19/09 @ 12:34 p.m. WC-ST.LOUIS, MO