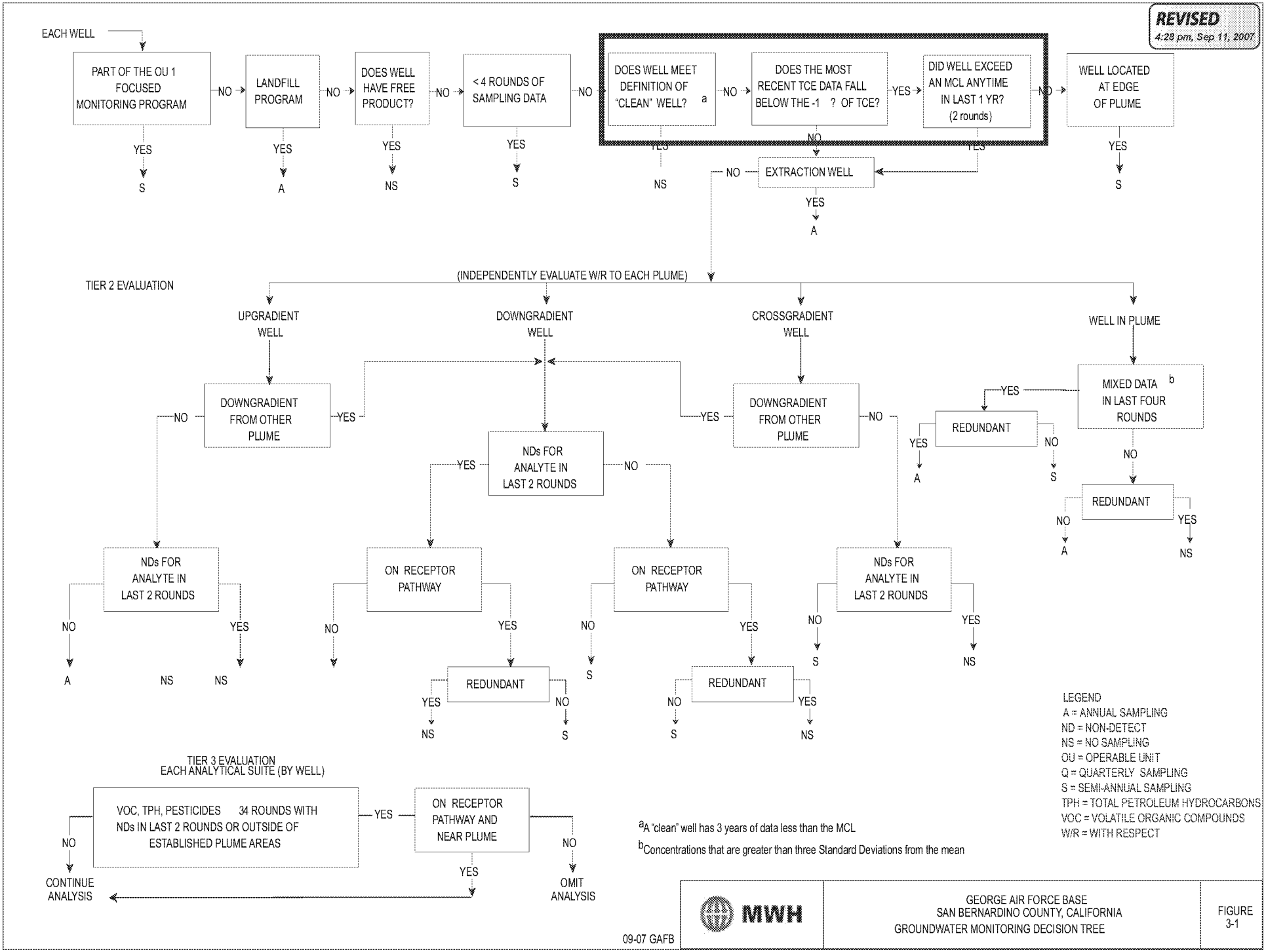
REVISED
4:28 pm, Sep 11, 2007
EACH WELL
PART OF THE OU 1 FOCUSED MONITORING PROGRAM
LANDFILL PROGRAM
DOES WELL HAVE FREE PRODUCT?
< 4 ROUNDS OF SAMPLING DATA
DOES WELL MEET DEFINITION OF "CLEAN" WELL? a
DOES THE MOST RECENT TCE DATA FALL BELOW THE -1 ? OF TCE?
DID WELL EXCEED AN MCL ANYTIME IN LAST 1 YR? (2 rounds)
WELL LOCATED AT EDGE OF PLUME
EXTRACTION WELL
YES
NO
S
A
NS
TIER 2 EVALUATION
(INDEPENDENTLY EVALUATE W/R TO EACH PLUME)
UPGRADIENT WELL
DOWNGRADIENT WELL
CROSSGRADIENT WELL
WELL IN PLUME
DOWNGRADIENT FROM OTHER PLUME
NDs FOR ANALYTE IN LAST 2 ROUNDS
ON RECEPTOR PATHWAY
REDUNDANT
MIXED DATA b IN LAST FOUR ROUNDS
TIER 3 EVALUATION
EACH ANALYTICAL SUITE (BY WELL)
VOC, TPH, PESTICIDES 34 ROUNDS WITH NDs IN LAST 2 ROUNDS OR OUTSIDE OF ESTABLISHED PLUME AREAS
ON RECEPTOR PATHWAY AND NEAR PLUME
CONTINUE ANALYSIS
OMIT ANALYSIS
LEGEND
A = ANNUAL SAMPLING
ND = NON-DETECT
NS = NO SAMPLING
OU = OPERABLE UNIT
Q = QUARTERLY SAMPLING
S = SEMI-ANNUAL SAMPLING
TPH = TOTAL PETROLEUM HYDROCARBONS
VOC = VOLATILE ORGANIC COMPOUNDS
W/R = WITH RESPECT
a A "clean" well has 3 years of data less than the MCL
b Concentrations that are greater than three Standard Deviations from the mean
09-07 GAFB
MWH
GEORGE AIR FORCE BASE
SAN BERNARDINO COUNTY, CALIFORNIA
GROUNDWATER MONITORING DECISION TREE
FIGURE 3-1