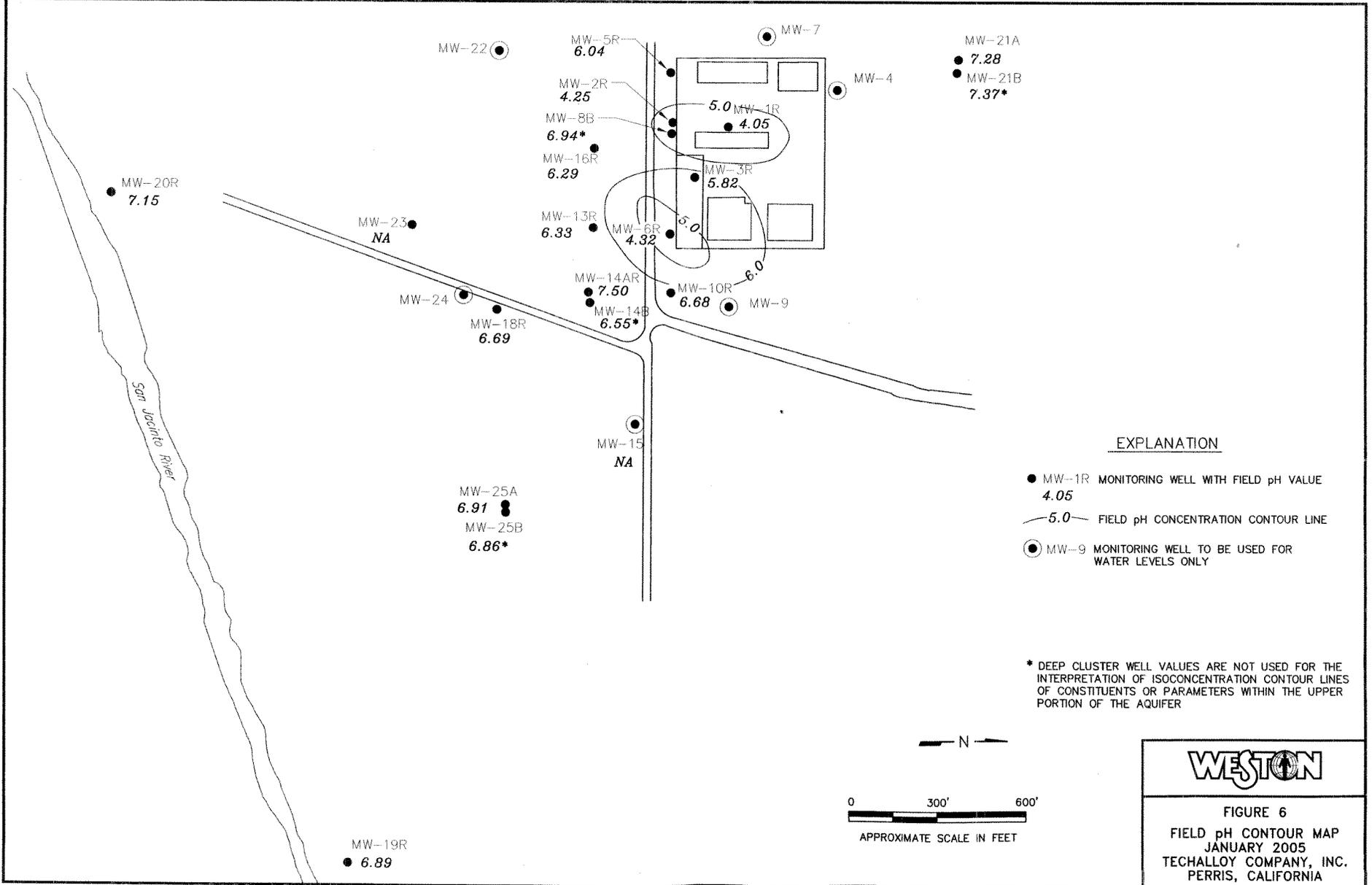
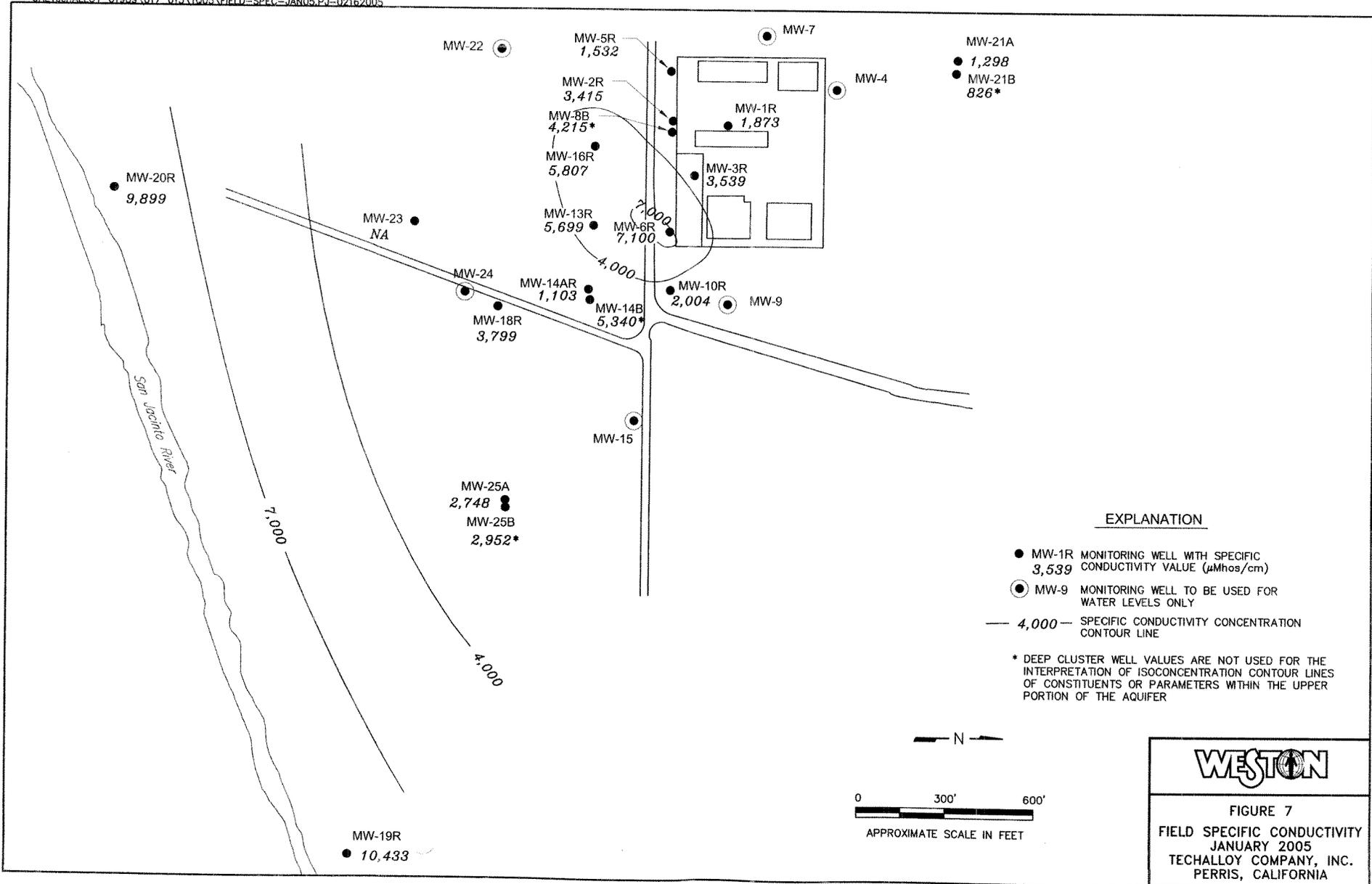


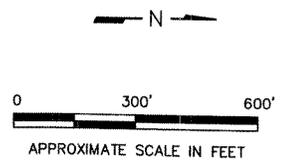
**APPENDIX B**  
**CONCENTRATION CONTOUR MAPS**  
**JANUARY 2005**





**EXPLANATION**

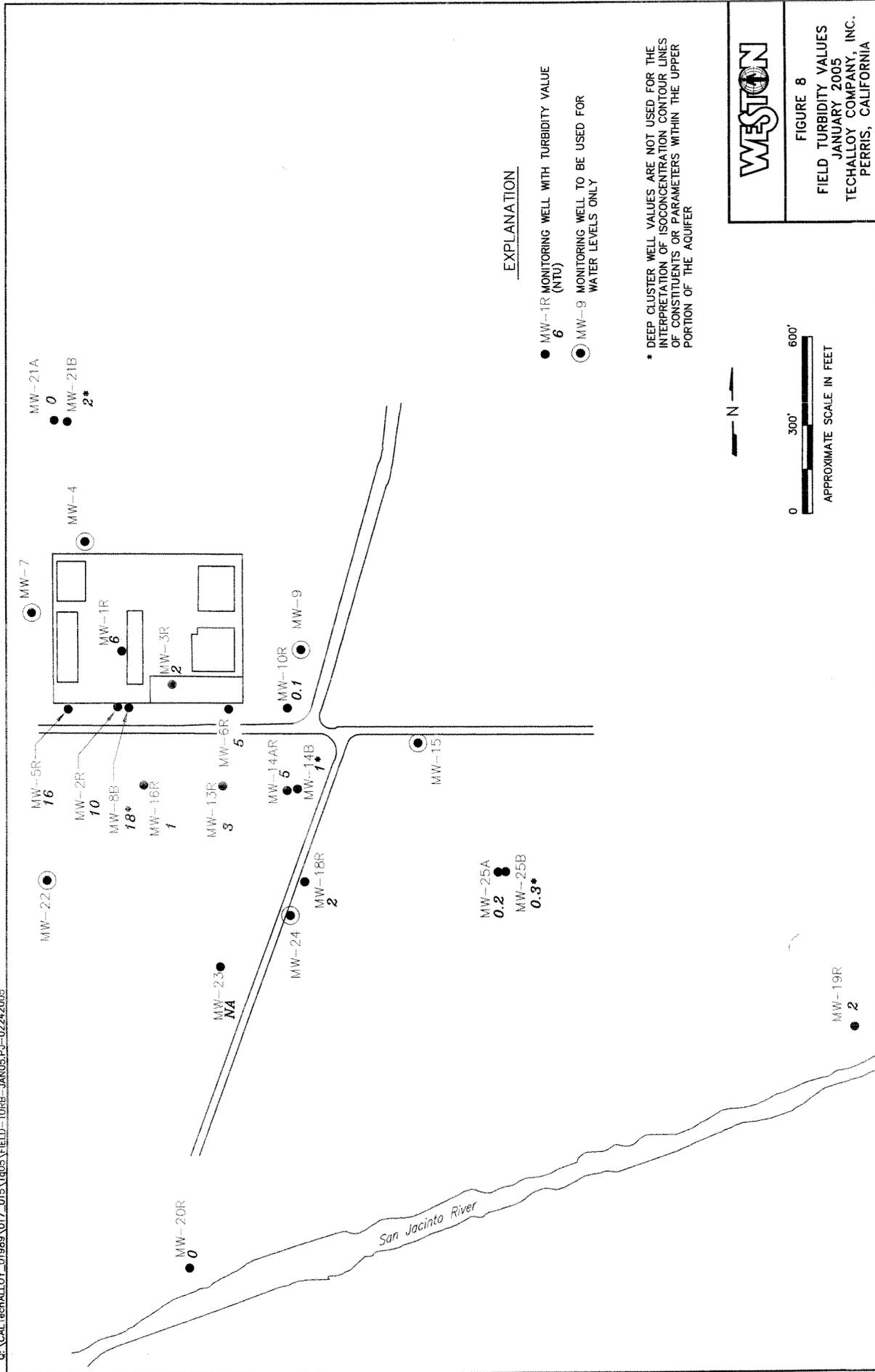
- MW-1R MONITORING WELL WITH SPECIFIC CONDUCTIVITY VALUE (µMhos/cm)
  - MW-9 MONITORING WELL TO BE USED FOR WATER LEVELS ONLY
  - 4,000 — SPECIFIC CONDUCTIVITY CONCENTRATION CONTOUR LINE
- \* DEEP CLUSTER WELL VALUES ARE NOT USED FOR THE INTERPRETATION OF ISOCONCENTRATION CONTOUR LINES OF CONSTITUENTS OR PARAMETERS WITHIN THE UPPER PORTION OF THE AQUIFER



**WESTON**

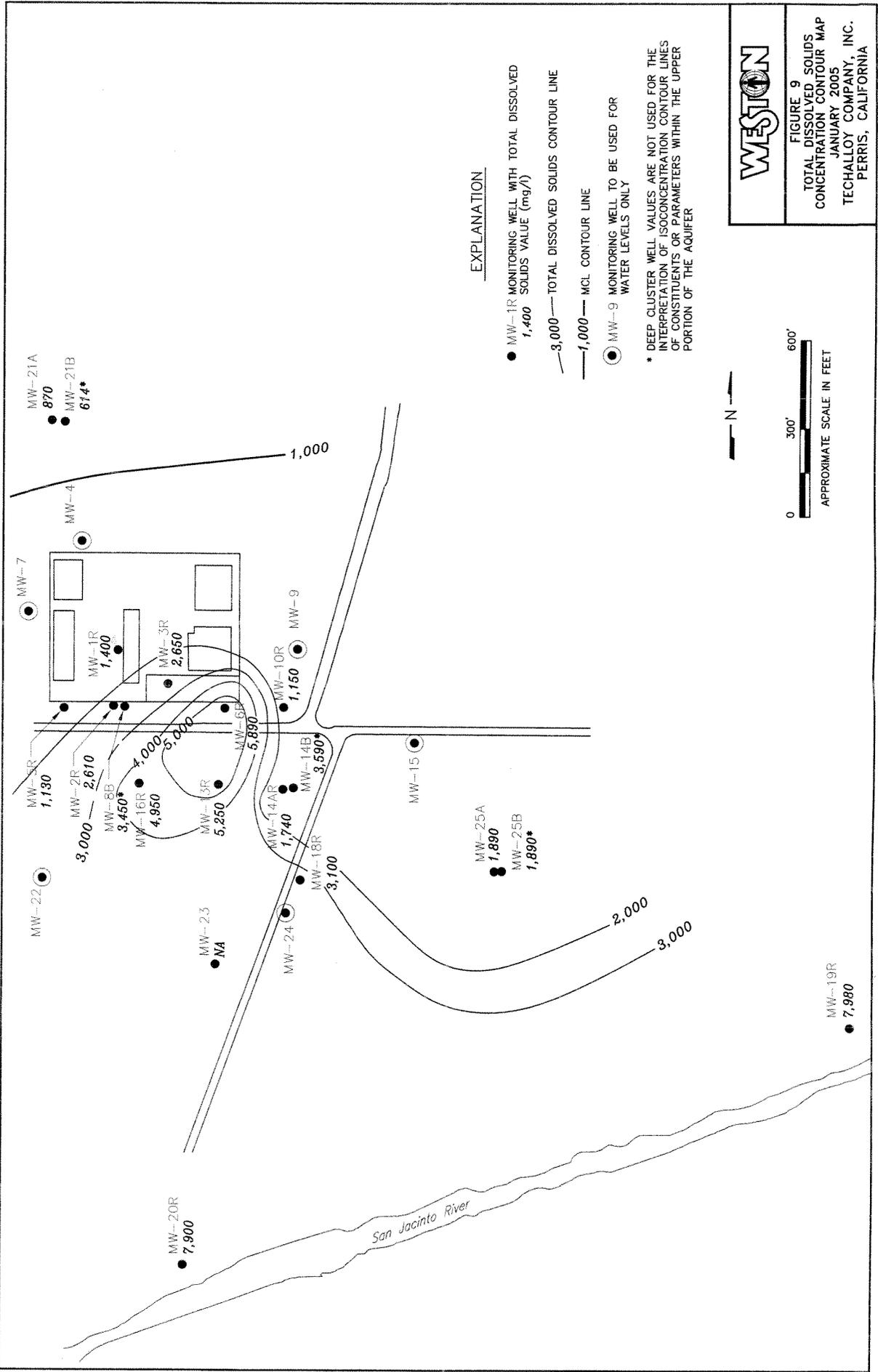
FIGURE 7  
FIELD SPECIFIC CONDUCTIVITY  
JANUARY 2005  
TECHALLOY COMPANY, INC.  
PERRIS, CALIFORNIA

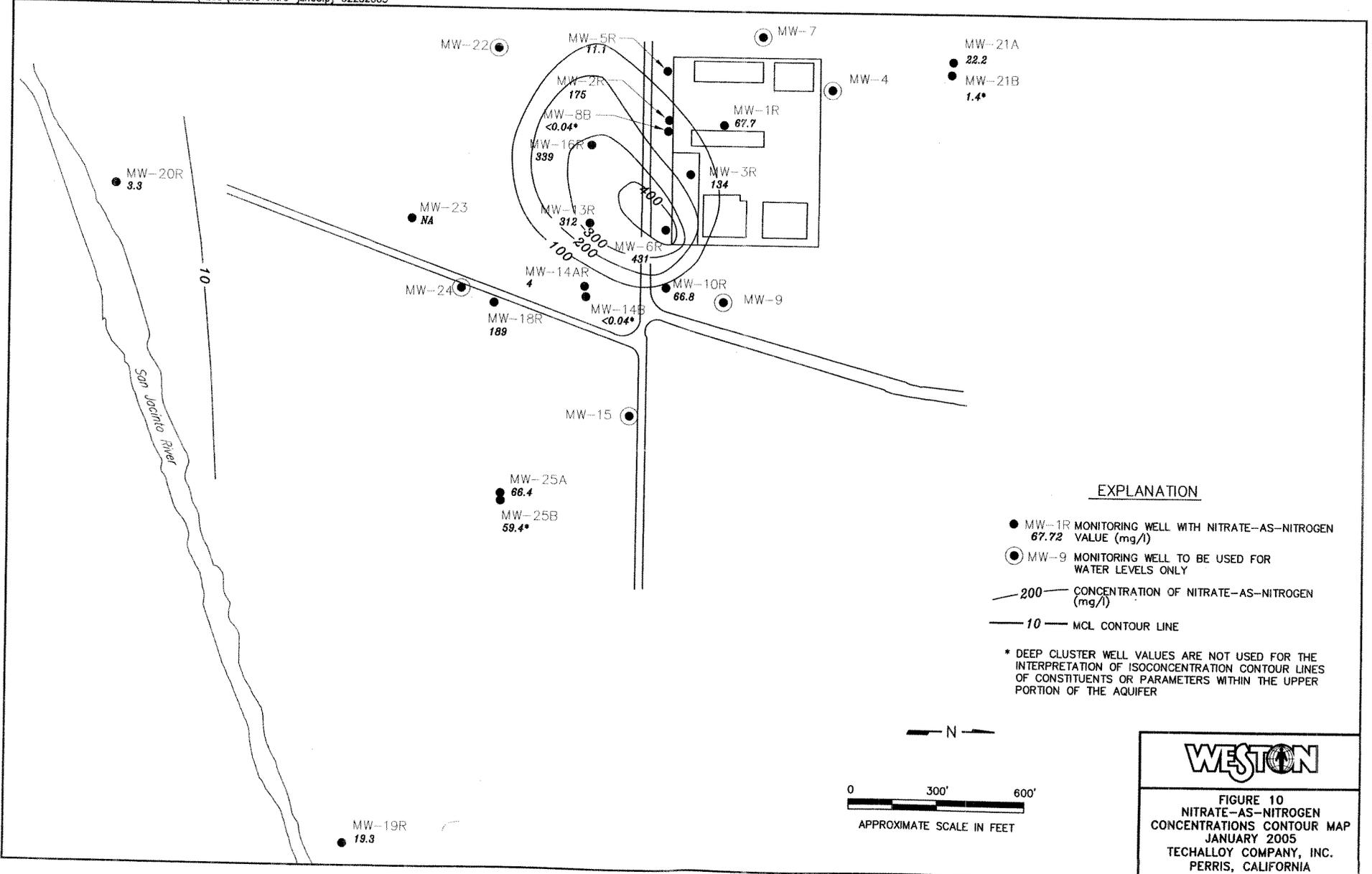
G:\CAL\TechALLOY\_01989\_017\_015\1q05\FIELD--TURB--JAN05.PJ--02242005



**WESTON**

FIGURE 8  
FIELD TURBIDITY VALUES  
JANUARY 2005  
TECHALLOY COMPANY, INC.  
PERRIS, CALIFORNIA





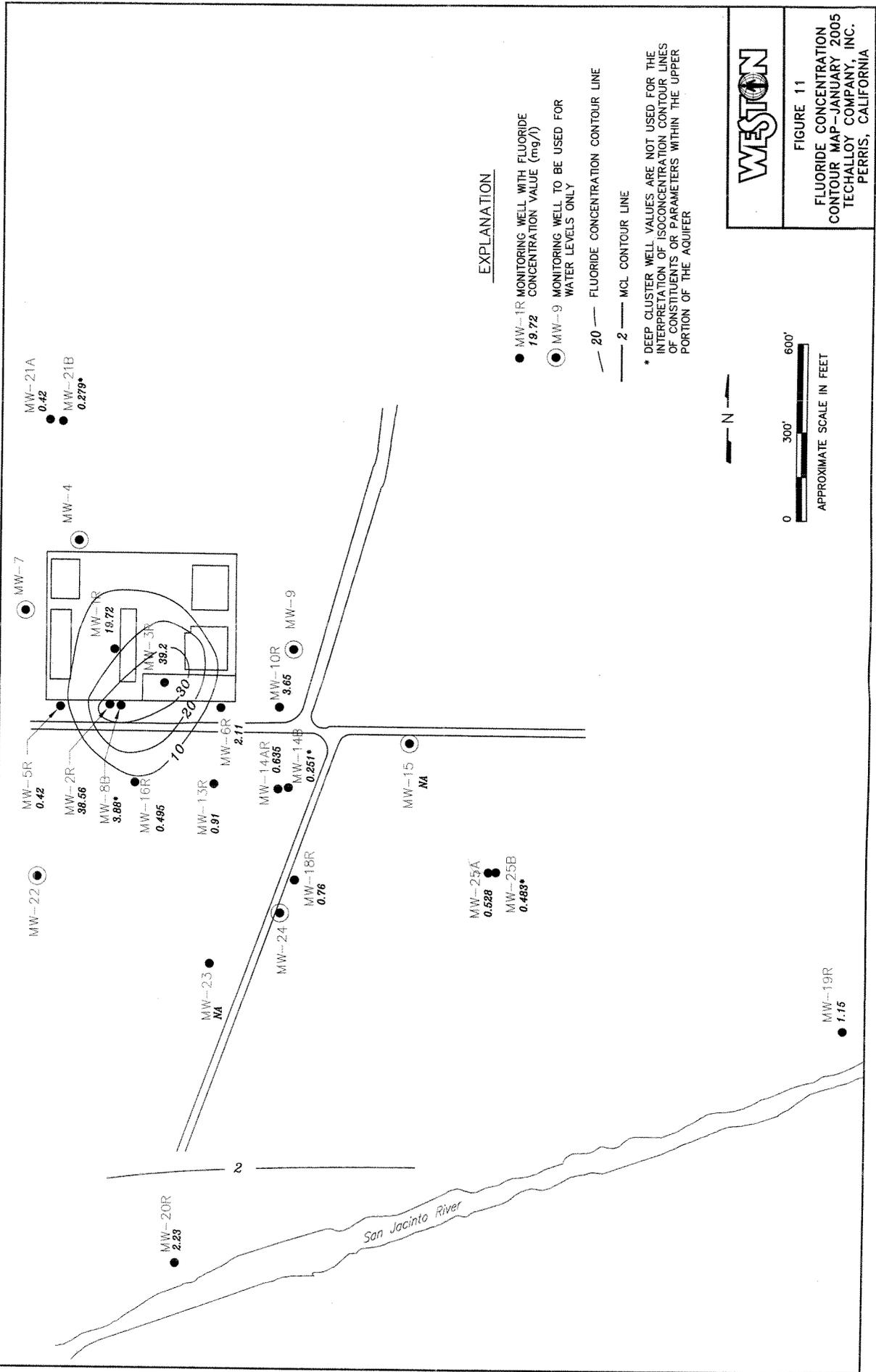
**EXPLANATION**

- MW-1R MONITORING WELL WITH NITRATE-AS-NITROGEN VALUE (mg/l) 67.72
- MW-9 MONITORING WELL TO BE USED FOR WATER LEVELS ONLY
- 200 — CONCENTRATION OF NITRATE-AS-NITROGEN (mg/l)
- 10 — MCL CONTOUR LINE
- \* DEEP CLUSTER WELL VALUES ARE NOT USED FOR THE INTERPRETATION OF ISOCONCENTRATION CONTOUR LINES OF CONSTITUENTS OR PARAMETERS WITHIN THE UPPER PORTION OF THE AQUIFER

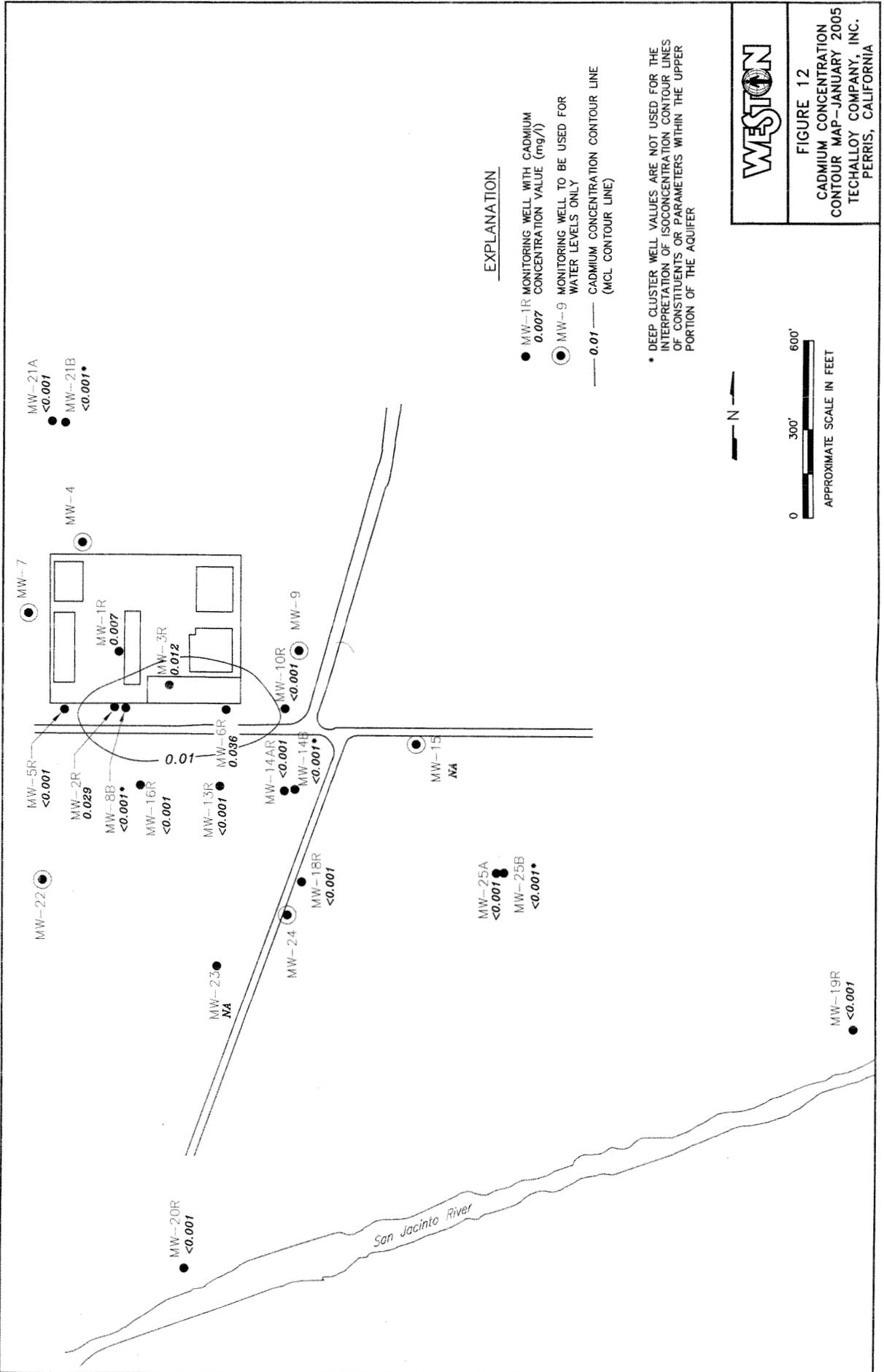
**WESTON**

FIGURE 10  
 NITRATE-AS-NITROGEN  
 CONCENTRATIONS CONTOUR MAP  
 JANUARY 2005  
 TECHALLOY COMPANY, INC.  
 PERRIS, CALIFORNIA

CALTECHALLOY\_01989\017\_015\1005\Fluoride-JAN05.P\_L-02242005



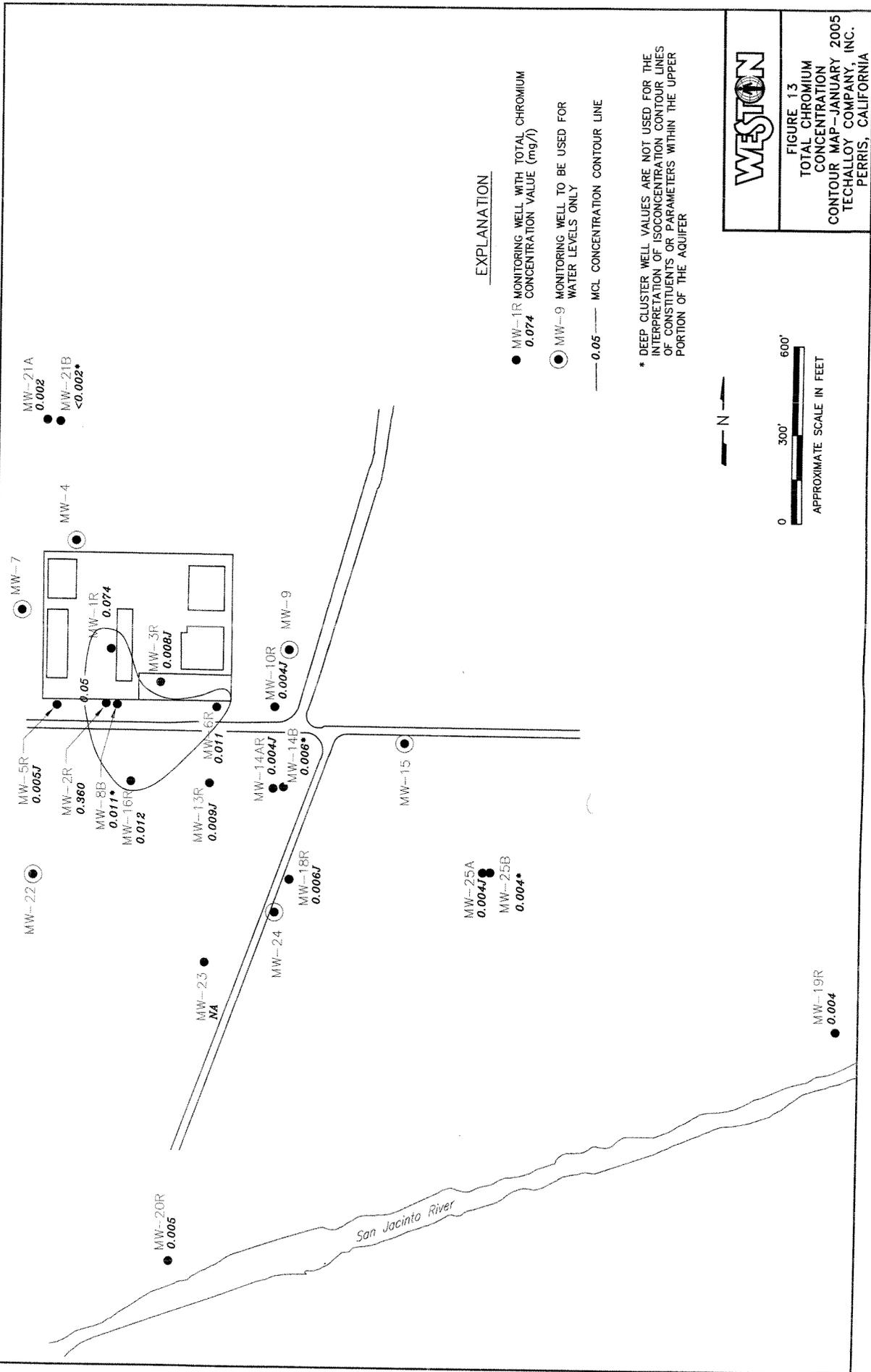
CALTECHALLOY\_019889\_017\_015\1q05\cadmium-jan05.pj-02242005

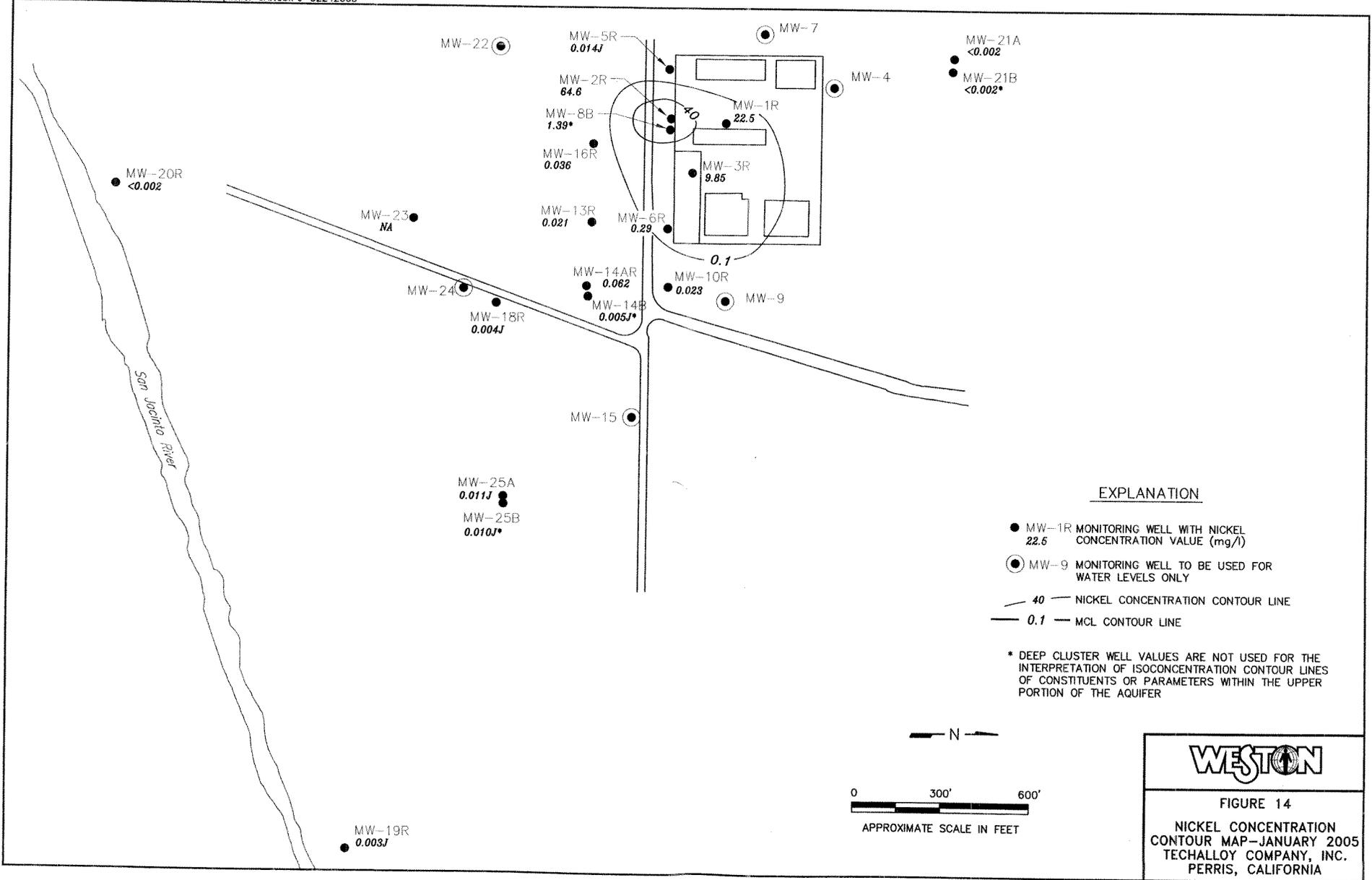


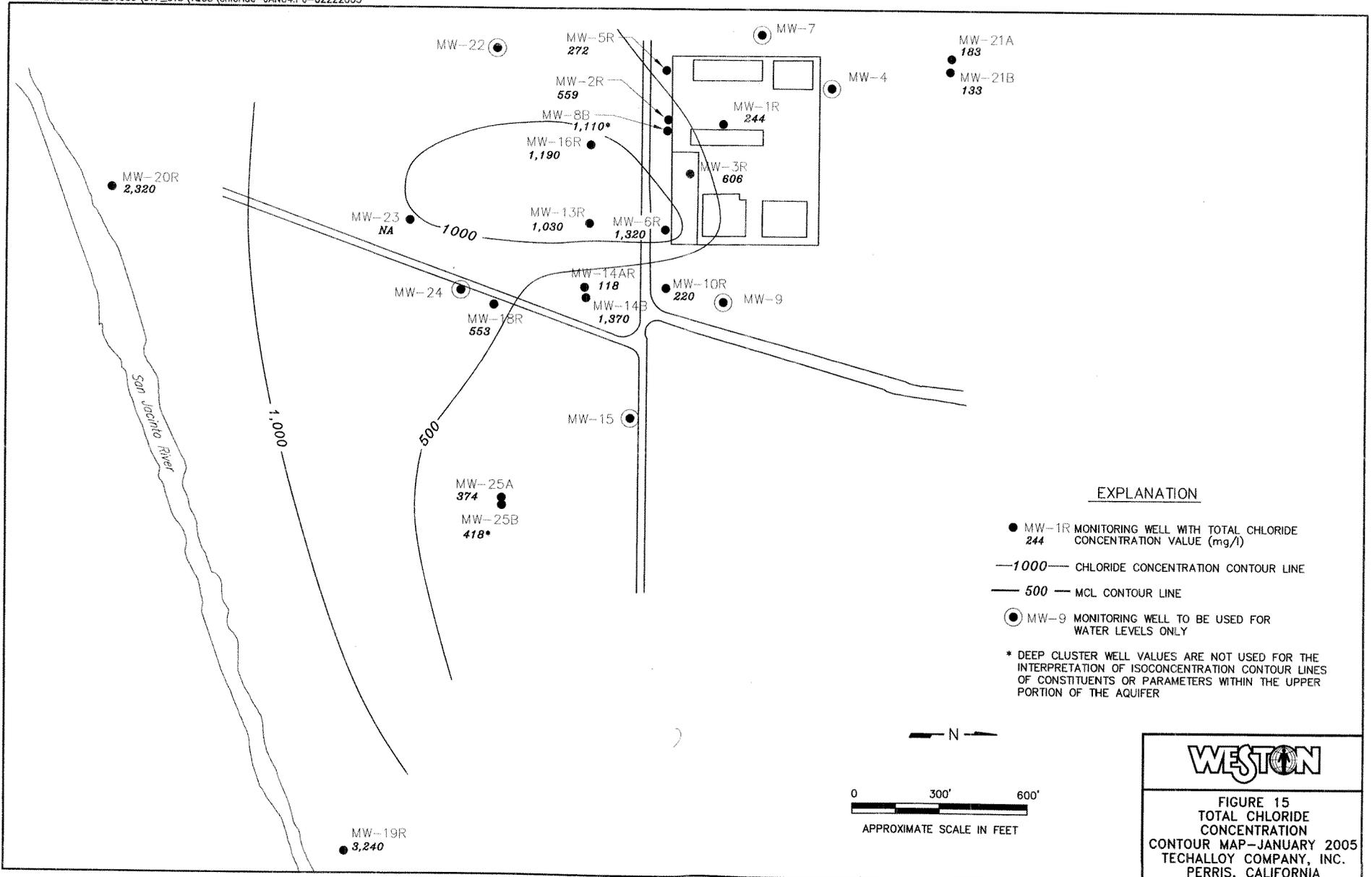
**WESTON**

**FIGURE 12**  
CADMIUM CONCENTRATION  
CONTOUR MAP—JANUARY 2005  
TECHALLOY COMPANY, INC.  
PERRIS, CALIFORNIA

CALTECHALLOY\_01989\_017\_015\1005\chromium-jan05.PJ-02242005







**EXPLANATION**

- MW-1R MONITORING WELL WITH TOTAL CHLORIDE CONCENTRATION VALUE (mg/l)  
244
- 1000— CHLORIDE CONCENTRATION CONTOUR LINE
- 500— MCL CONTOUR LINE
- MW-9 MONITORING WELL TO BE USED FOR WATER LEVELS ONLY

\* DEEP CLUSTER WELL VALUES ARE NOT USED FOR THE INTERPRETATION OF ISOCONCENTRATION CONTOUR LINES OF CONSTITUENTS OR PARAMETERS WITHIN THE UPPER PORTION OF THE AQUIFER

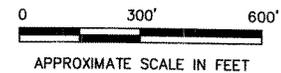
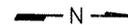
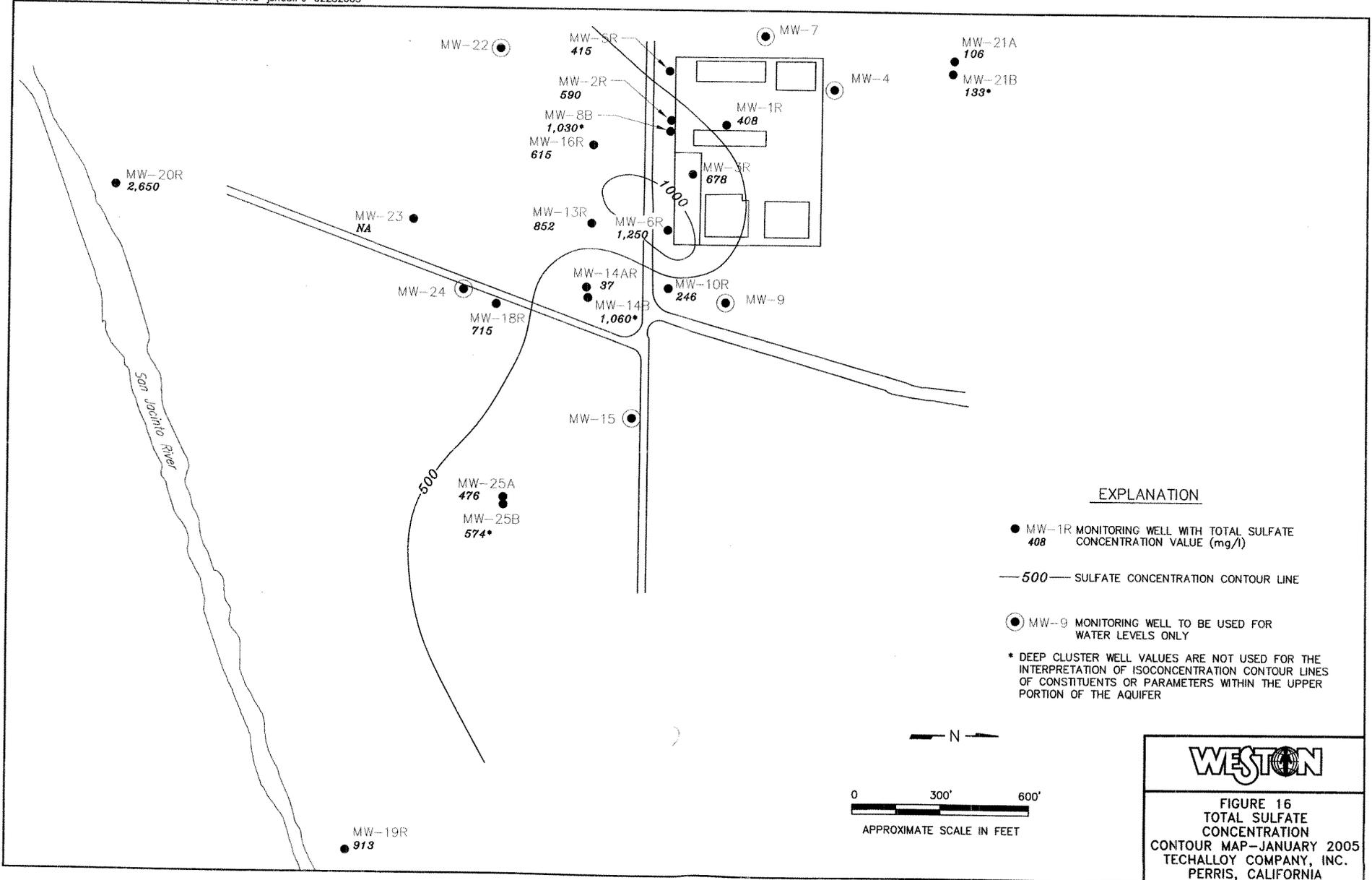
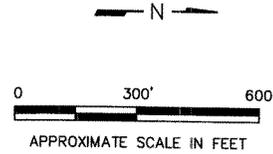


FIGURE 15  
TOTAL CHLORIDE  
CONCENTRATION  
CONTOUR MAP—JANUARY 2005  
TECHALLOY COMPANY, INC.  
PERRIS, CALIFORNIA



**EXPLANATION**

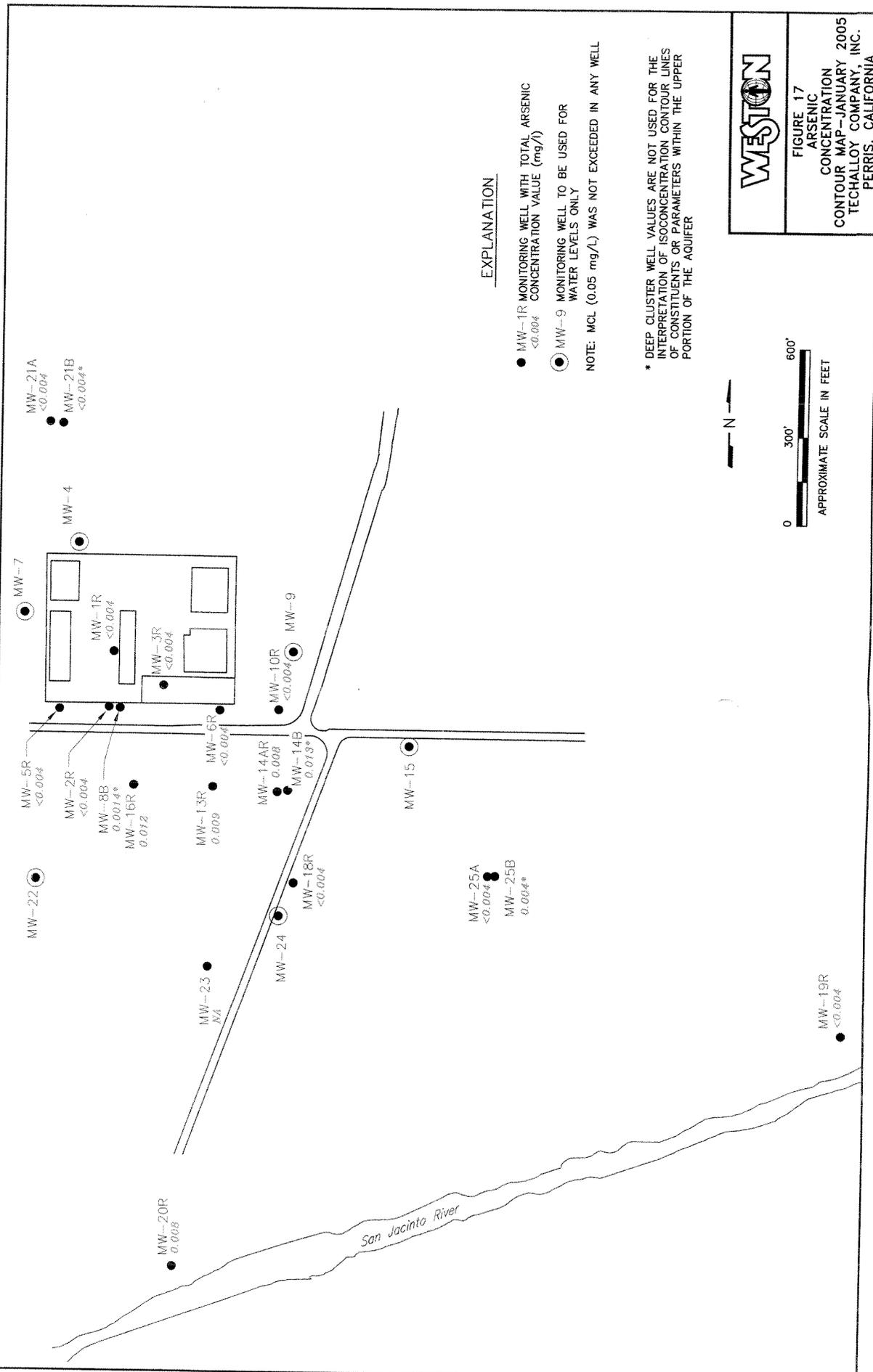
- MW-1R MONITORING WELL WITH TOTAL SULFATE CONCENTRATION VALUE (mg/l)  
408
- 500— SULFATE CONCENTRATION CONTOUR LINE
- ⊙ MW-9 MONITORING WELL TO BE USED FOR WATER LEVELS ONLY
- \* DEEP CLUSTER WELL VALUES ARE NOT USED FOR THE INTERPRETATION OF ISOCONCENTRATION CONTOUR LINES OF CONSTITUENTS OR PARAMETERS WITHIN THE UPPER PORTION OF THE AQUIFER



**WESTON**

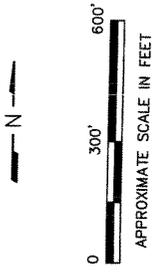
FIGURE 16  
TOTAL SULFATE  
CONCENTRATION  
CONTOUR MAP—JANUARY 2005  
TECHALLOY COMPANY, INC.  
PERRIS, CALIFORNIA

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**WESTON**

FIGURE 17  
 ARSENIC  
 CONCENTRATION  
 CONTOUR MAP - JANUARY, 2005  
 TECHALLOY COMPANY, INC.  
 PERRIS, CALIFORNIA



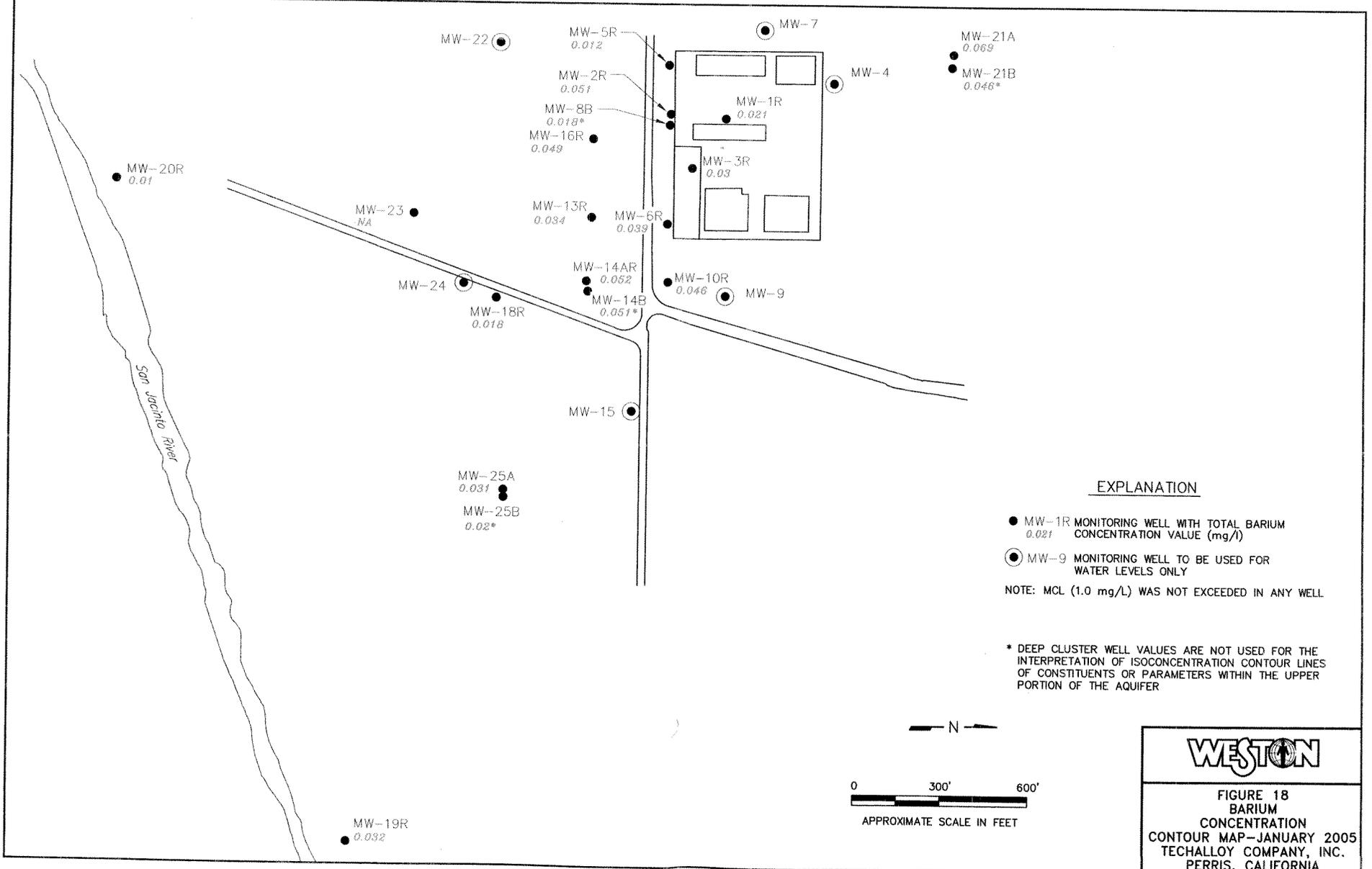
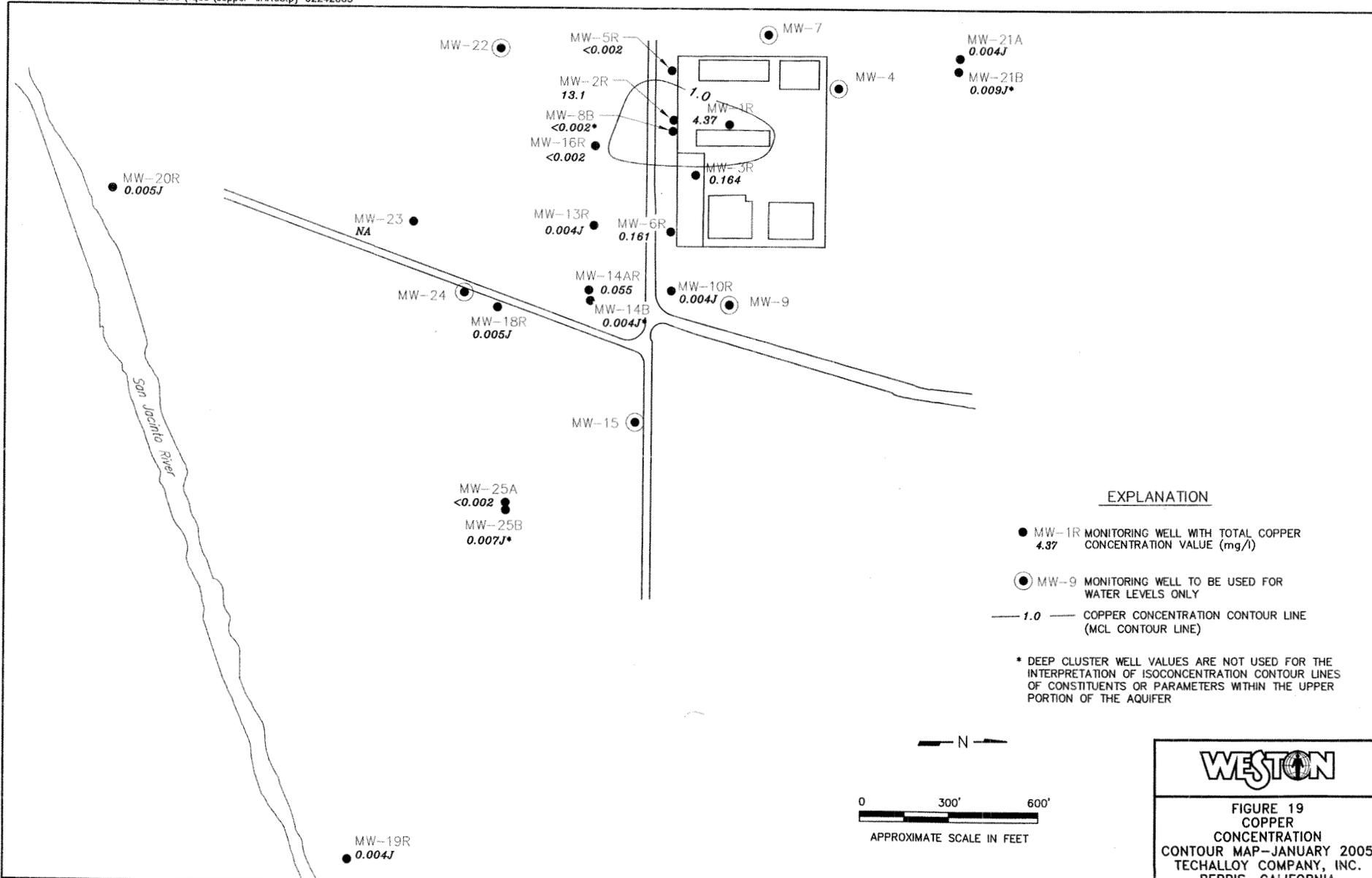


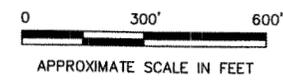
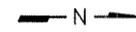
FIGURE 18  
BARIUM  
CONCENTRATION  
CONTOUR MAP—JANUARY 2005  
TECHALLOY COMPANY, INC.  
PERRIS, CALIFORNIA



**EXPLANATION**

- MW-1R MONITORING WELL WITH TOTAL COPPER CONCENTRATION VALUE (mg/l)  
4.37
- MW-9 MONITORING WELL TO BE USED FOR WATER LEVELS ONLY
- 1.0 — COPPER CONCENTRATION CONTOUR LINE (MCL CONTOUR LINE)

\* DEEP CLUSTER WELL VALUES ARE NOT USED FOR THE INTERPRETATION OF ISOCONCENTRATION CONTOUR LINES OF CONSTITUENTS OR PARAMETERS WITHIN THE UPPER PORTION OF THE AQUIFER



**FIGURE 19**  
**COPPER**  
**CONCENTRATION**  
**CONTOUR MAP—JANUARY 2005**  
 TECHALLOY COMPANY, INC.  
 PERRIS, CALIFORNIA

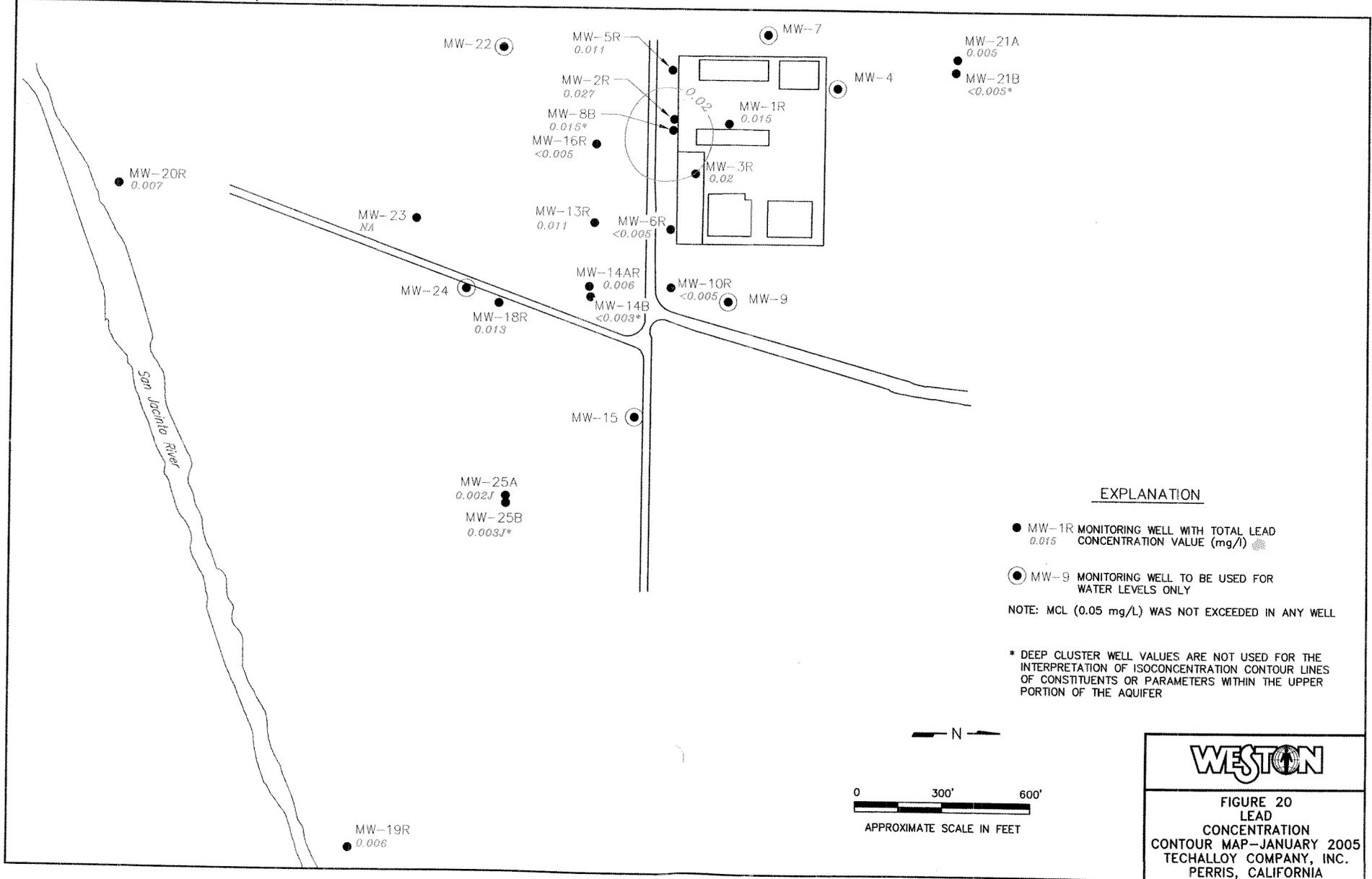
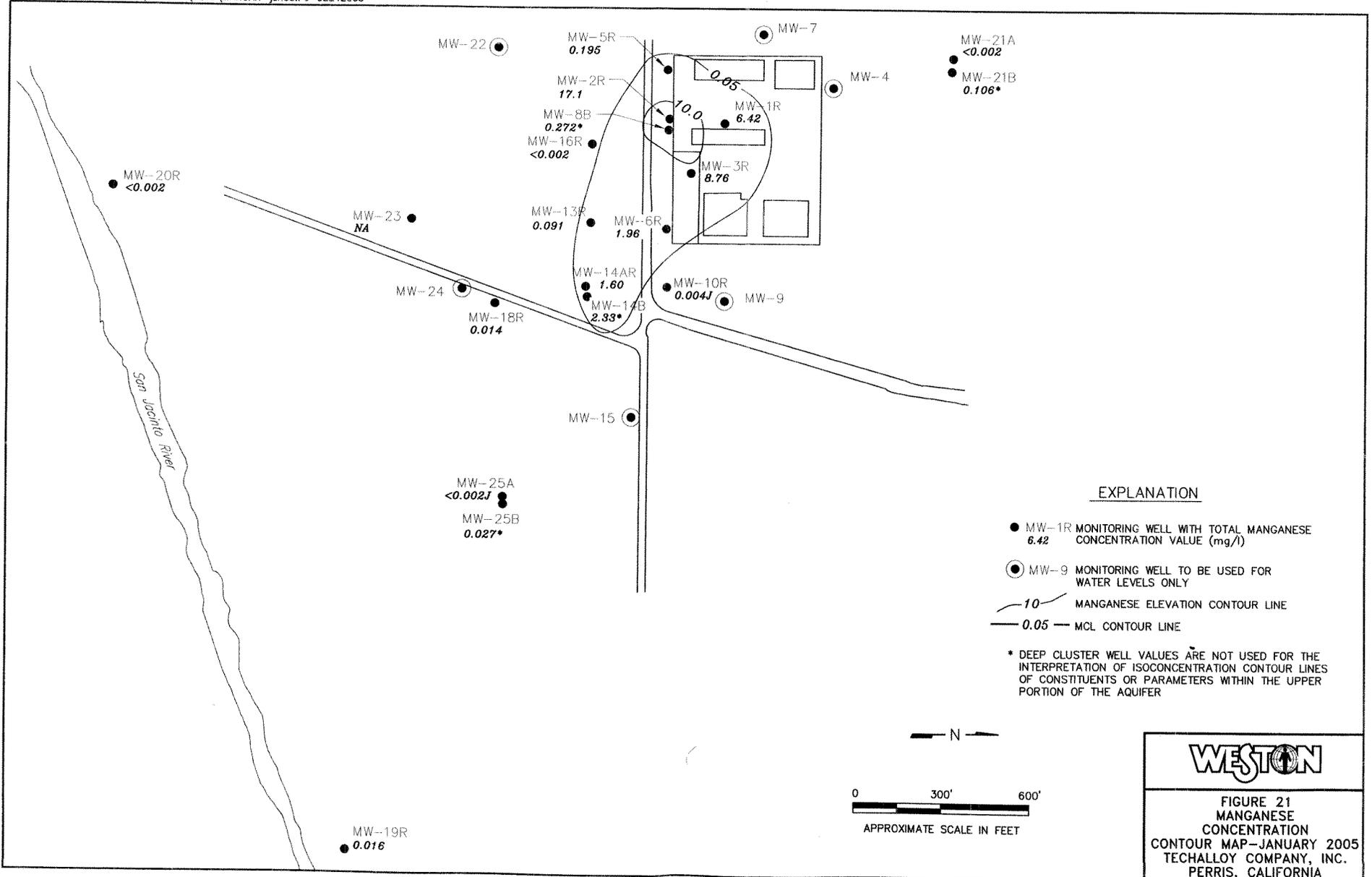


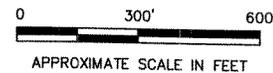
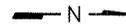
FIGURE 20  
LEAD  
CONCENTRATION  
CONTOUR MAP—JANUARY 2005  
TECHALLOY COMPANY, INC.  
PERRIS, CALIFORNIA



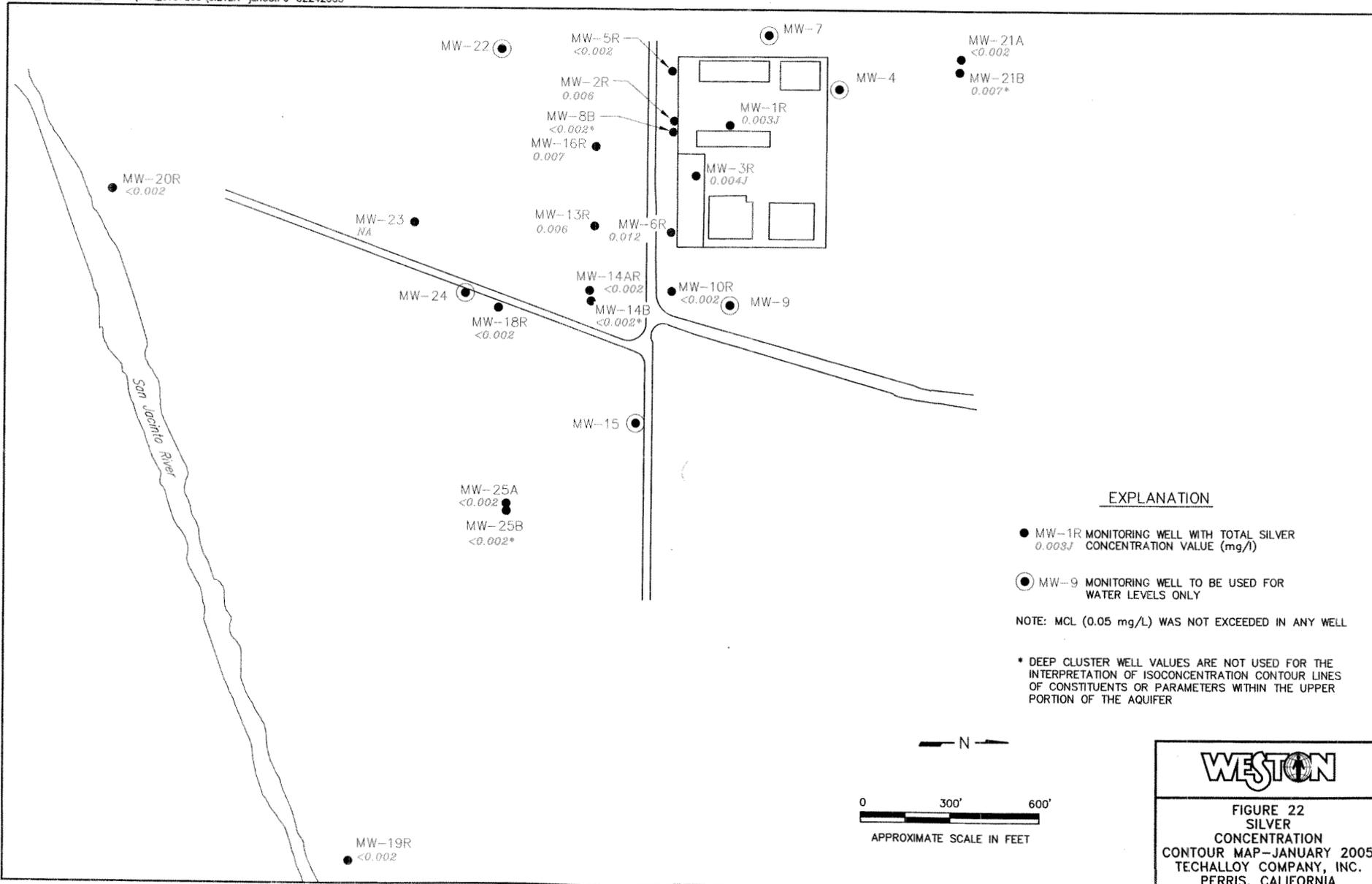
**EXPLANATION**

- MW-1R MONITORING WELL WITH TOTAL MANGANESE CONCENTRATION VALUE (mg/l)  
6.42
- ⊙ MW-9 MONITORING WELL TO BE USED FOR WATER LEVELS ONLY
- 10— MANGANESE ELEVATION CONTOUR LINE
- 0.05— MCL CONTOUR LINE

\* DEEP CLUSTER WELL VALUES ARE NOT USED FOR THE INTERPRETATION OF ISOCONCENTRATION CONTOUR LINES OF CONSTITUENTS OR PARAMETERS WITHIN THE UPPER PORTION OF THE AQUIFER



**FIGURE 21**  
MANGANESE  
CONCENTRATION  
CONTOUR MAP—JANUARY 2005  
TECHALLOY COMPANY, INC.  
PERRIS, CALIFORNIA



EXPLANATION

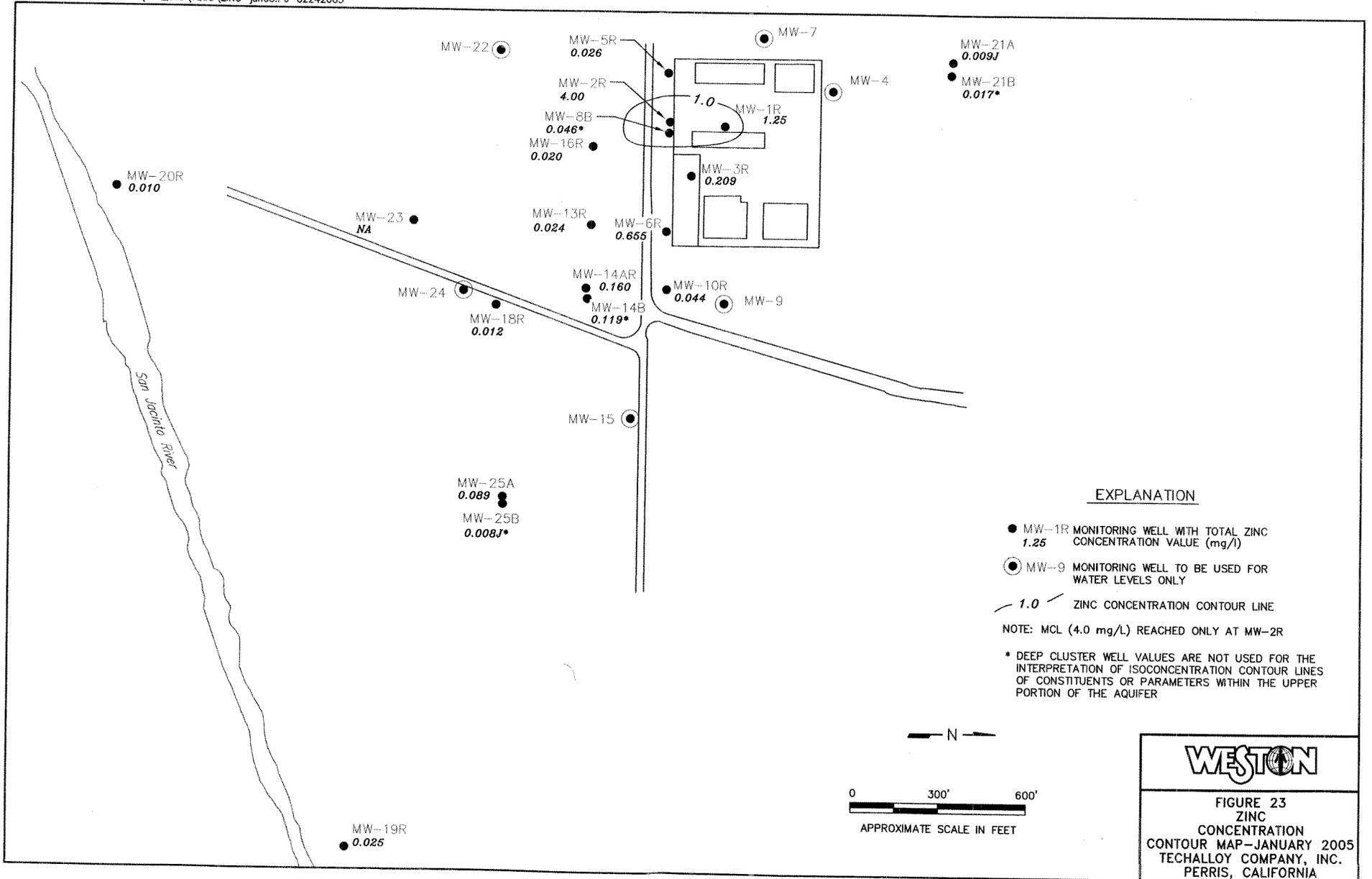
- MW-1R MONITORING WELL WITH TOTAL SILVER  
0.003J CONCENTRATION VALUE (mg/l)
- MW-9 MONITORING WELL TO BE USED FOR  
WATER LEVELS ONLY

NOTE: MCL (0.05 mg/L) WAS NOT EXCEEDED IN ANY WELL

\* DEEP CLUSTER WELL VALUES ARE NOT USED FOR THE INTERPRETATION OF ISOCONCENTRATION CONTOUR LINES OF CONSTITUENTS OR PARAMETERS WITHIN THE UPPER PORTION OF THE AQUIFER

**WESTON**

FIGURE 22  
SILVER  
CONCENTRATION  
CONTOUR MAP-JANUARY 2005  
TECHALLOY COMPANY, INC.  
PERRIS, CALIFORNIA

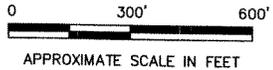


**EXPLANATION**

- MW-1R MONITORING WELL WITH TOTAL ZINC CONCENTRATION VALUE (mg/l)  
1.25
- ⊙ MW-9 MONITORING WELL TO BE USED FOR WATER LEVELS ONLY
- - - 1.0 ZINC CONCENTRATION CONTOUR LINE

NOTE: MCL (4.0 mg/L) REACHED ONLY AT MW-2R

\* DEEP CLUSTER WELL VALUES ARE NOT USED FOR THE INTERPRETATION OF ISOCONCENTRATION CONTOUR LINES OF CONSTITUENTS OR PARAMETERS WITHIN THE UPPER PORTION OF THE AQUIFER



**WESTON**

FIGURE 23  
ZINC  
CONCENTRATION  
CONTOUR MAP—JANUARY 2005  
TECHALLOY COMPANY, INC.  
PERRIS, CALIFORNIA