Project No. 8219.10
Date: 11/13/00
Drawn By: J. Estrada
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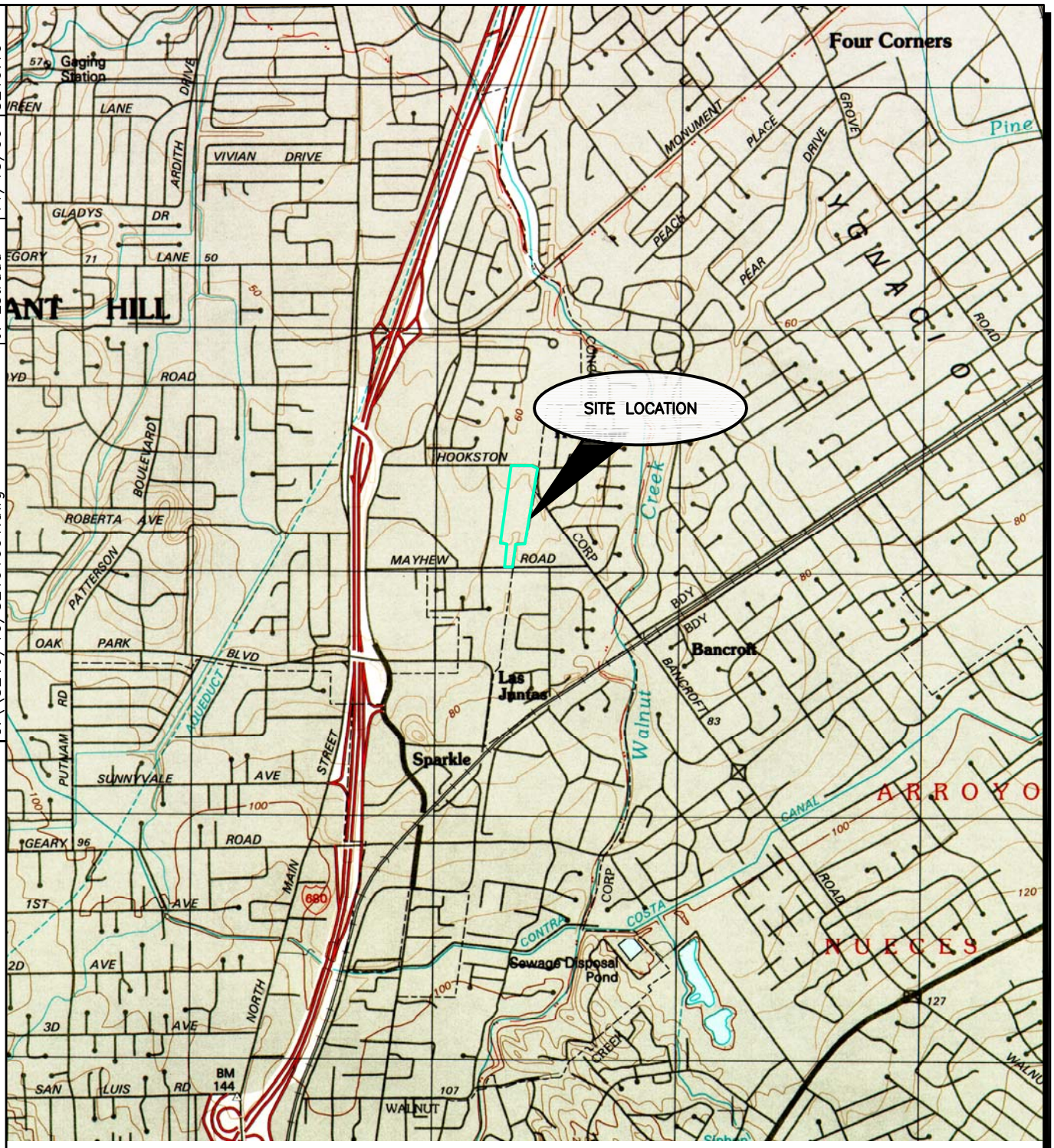


SCALE 1:24,000

1 1/2 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

N

References:
U.S.G.S. 7.5 Minute Series (Topographic Walnut Creek Quadrangle, California–Contra Costa Co.)
Dated: 1993

Figure 1-1
Site Location Map
Hookston Station Project
Pleasant Hill, California

ERM 02/00

CAD File:	Drawn By:	Date:	Project No.
G:\\8219\10\821910-176.dwg	D. Ludlam	06/08/04	8219.10

HOOKSTON ROAD

VINCENT ROAD

BANCROFT ROAD

222 HOOKSTON ROAD

230 HOOKSTON ROAD

199 MAYHEW WAY

HELIX/CCC P/L

MAYHEW WAY

MW-22A
MW-22B
MW-04
MW-07
MW-14B
MW-14A
MW-01
MW-03
MW-08B
MW-08A
MW-21A
MW-21B
MW-20A
MW-20B
MW-05
MW-13B
MW-13A
MW-02
MW-12A
MW-12B
MW-11A
MW-11B
MW-06

G
F
E
D
C
B
A

220 228 250 3414 3381 3440 3440 3360 3360 3355 3351 3349 3345 3343 3341 3339 3337 3330 3331 3333 3335 3325 3329 3317 3331 3329 3305 3301 1056 1000 999 981 #19 #20 #21 #22 #23 #24 #25 #26 #27 #28 #29 #18 #17 #16 #15 #14 #13 #1 #2 #3 #4 #5 #6 #12 #11 #10 #9 #8 #7 187 191 203 211 225

LEGEND

- Monitoring Well Location
- Site Boundary
- SS Sanitary Sewer Line
- SD Storm Drain Line

0 100
FEET

Figure 1-2
Site Map
Hookston Station Project
Union Pacific Railroad
Pleasant Hill, California
ERM 06/04

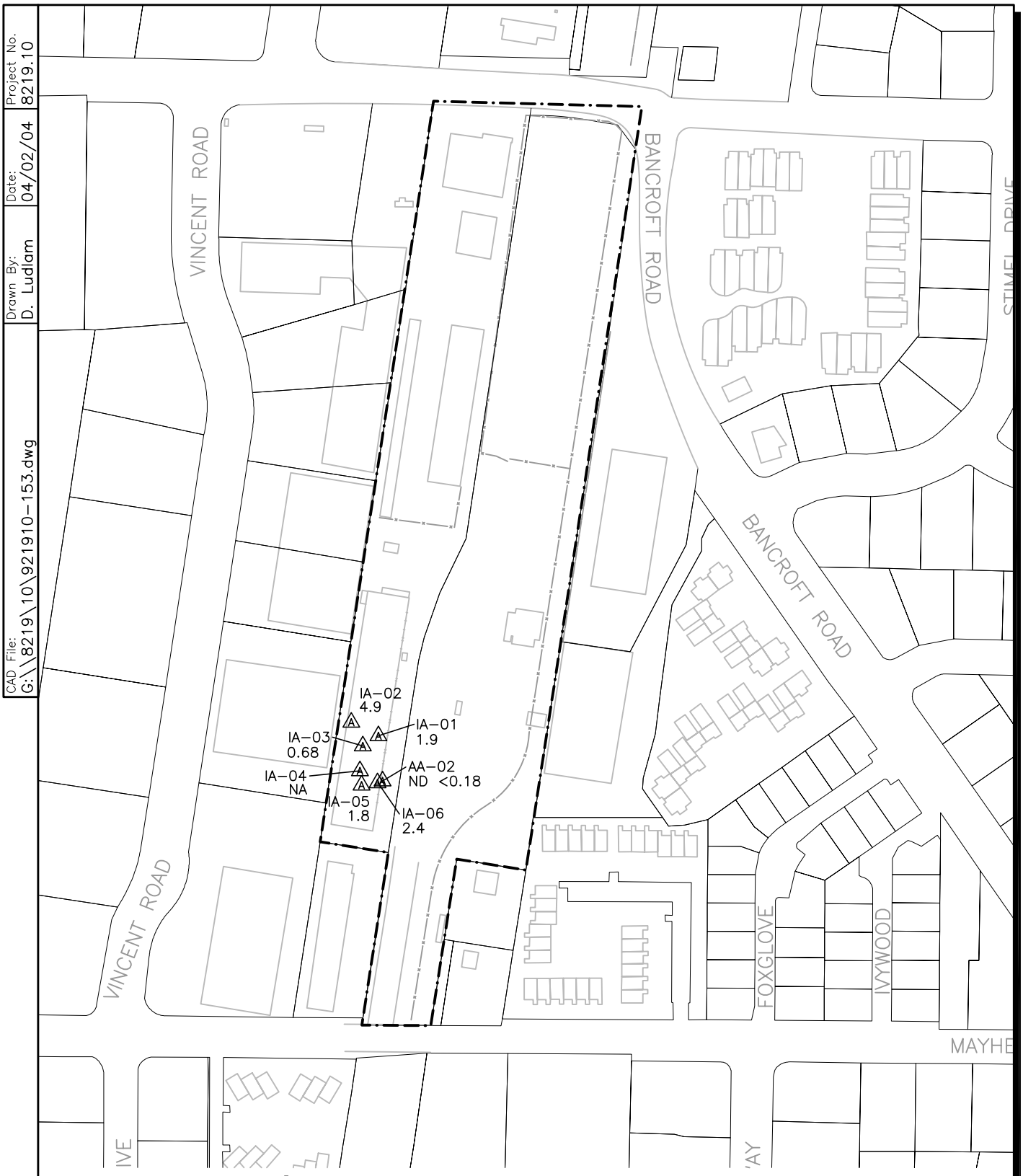


Figure 5

On-Site Indoor Air Sampling Locations with TCE Results

Hookston Station Project

Pleasant Hill, California

ERM 04/04

CAD File:	Drawn By:	Date:	Project No.
G:\\8219\10\821910-124.dwg	D. Ludlam	08/04/04	8219.10

LEGEND

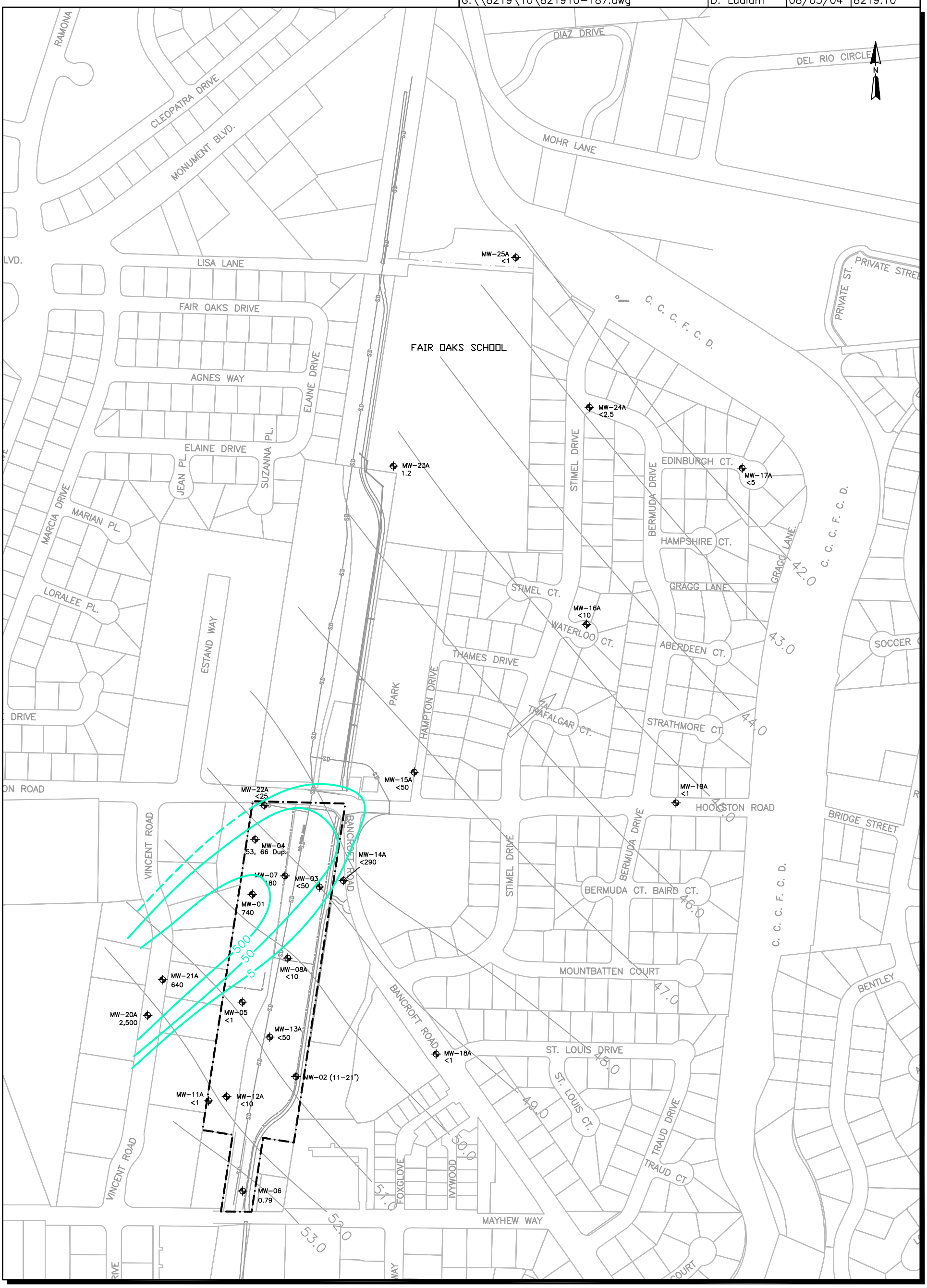
- Monitoring Well Location
- Soil Boring Location
- Site Boundary

0 100
FEET

Figure 5-2
Soil Sample Locations
Hookston Station Project
Pleasant Hill, California

ERM 5/04

CAD File:	Drawn By:	Date:	Project No.
G:\\8219\10\821910-187.dwg	D. Ludlam	08/05/04	8219.10



LEGEND

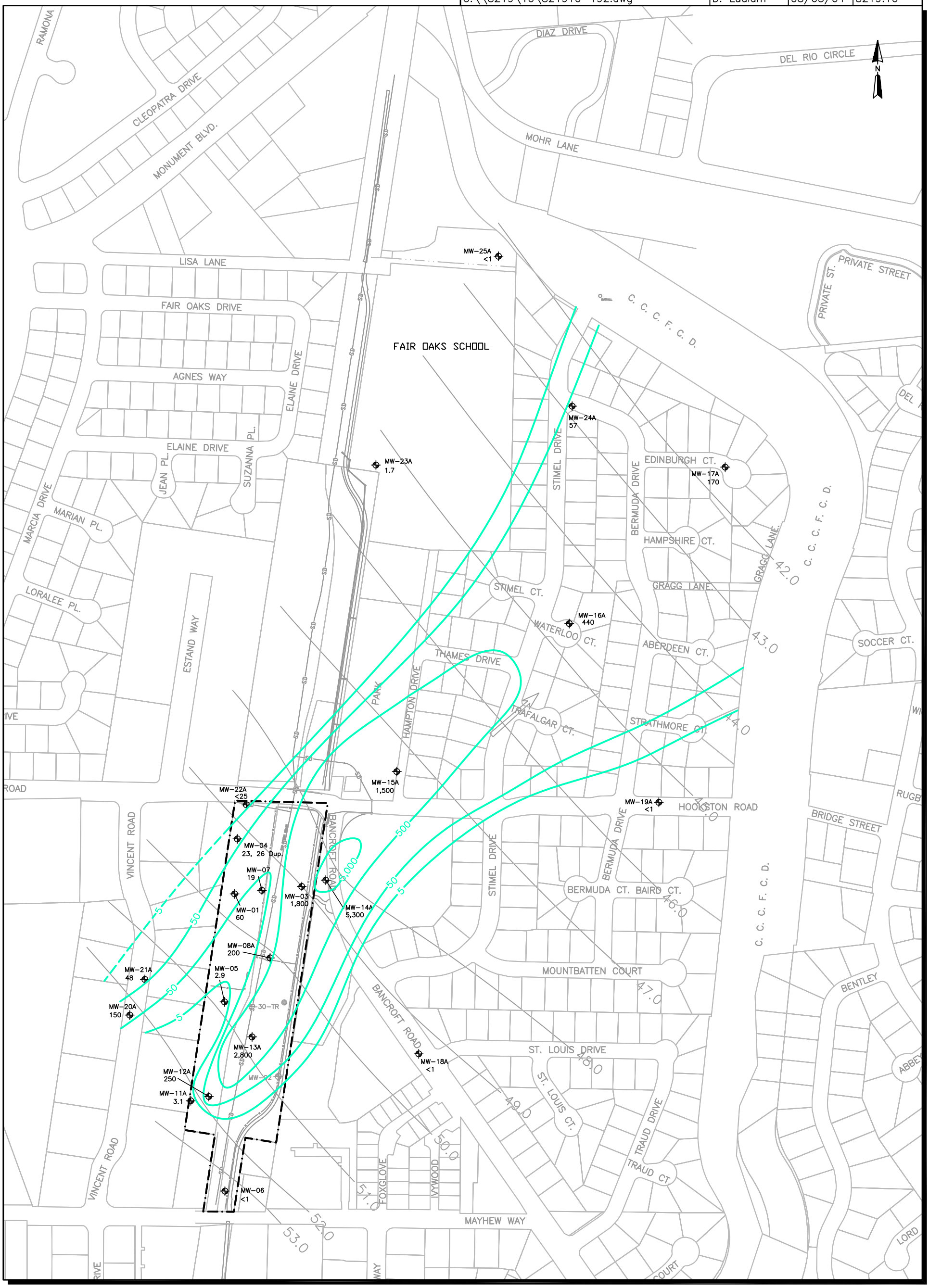
- Monitoring Well location
- 0.79 — PCE concentration (μg/L)
- 1 — PCE in ground water contour, dashed where inferred
  Data collected second quarter 2004
- Site Boundary
- Ground water elevation contour, A–Zone, July 2004 (feet above mean sea level)

0 300
FEET

Figure 8-5
PCE Isoconcentration Map
A Zone Ground Water
Hookston Station Project
Pleasant Hill, California

ERM 06/04

CAD File:	Drawn By:	Date:	Project No.
G:\\8219\10\821910-192.dwg	D. Ludlam	08/05/04	8219.10



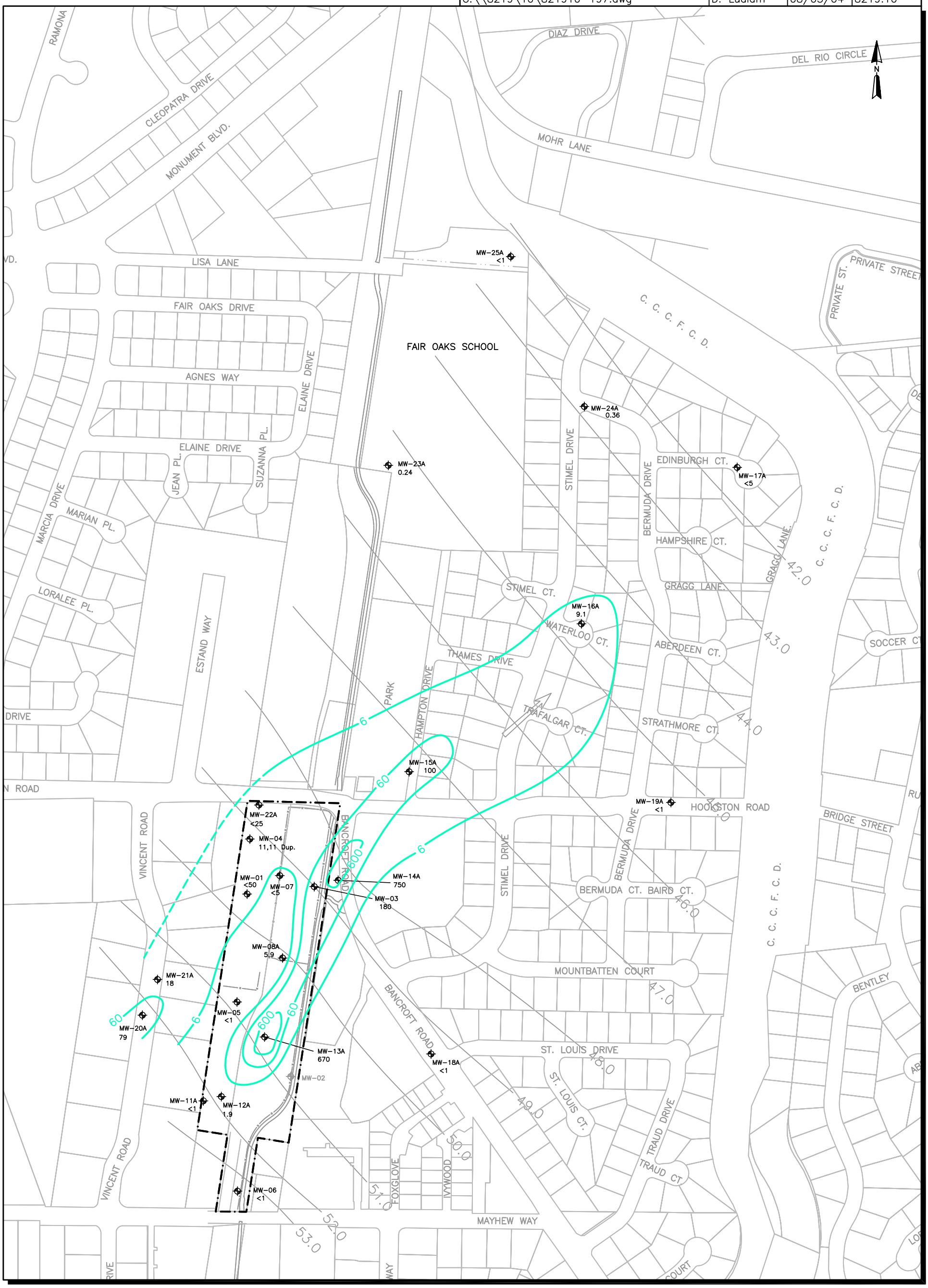
LEGEND

- Monitoring Well location
- 0.79 — TCE concentration (µg/L)
- TCE in ground water contour, dashed where inferred
  Data collected second quarter 2004
- Site Boundary
- Ground water elevation contour, A–Zone, July 2004 (feet above mean sea level)

0 300
FEET

Figure 8-6
TCE Isoconcentrations Map
A Zone Ground Water
Hookston Station Project
Pleasant Hill, California
ERM 06/04

CAD File:	Drawn By:	Date:	Project No.
G:\\8219\10\821910-197.dwg	D. Ludlam	08/05/04	8219.10



LEGEND

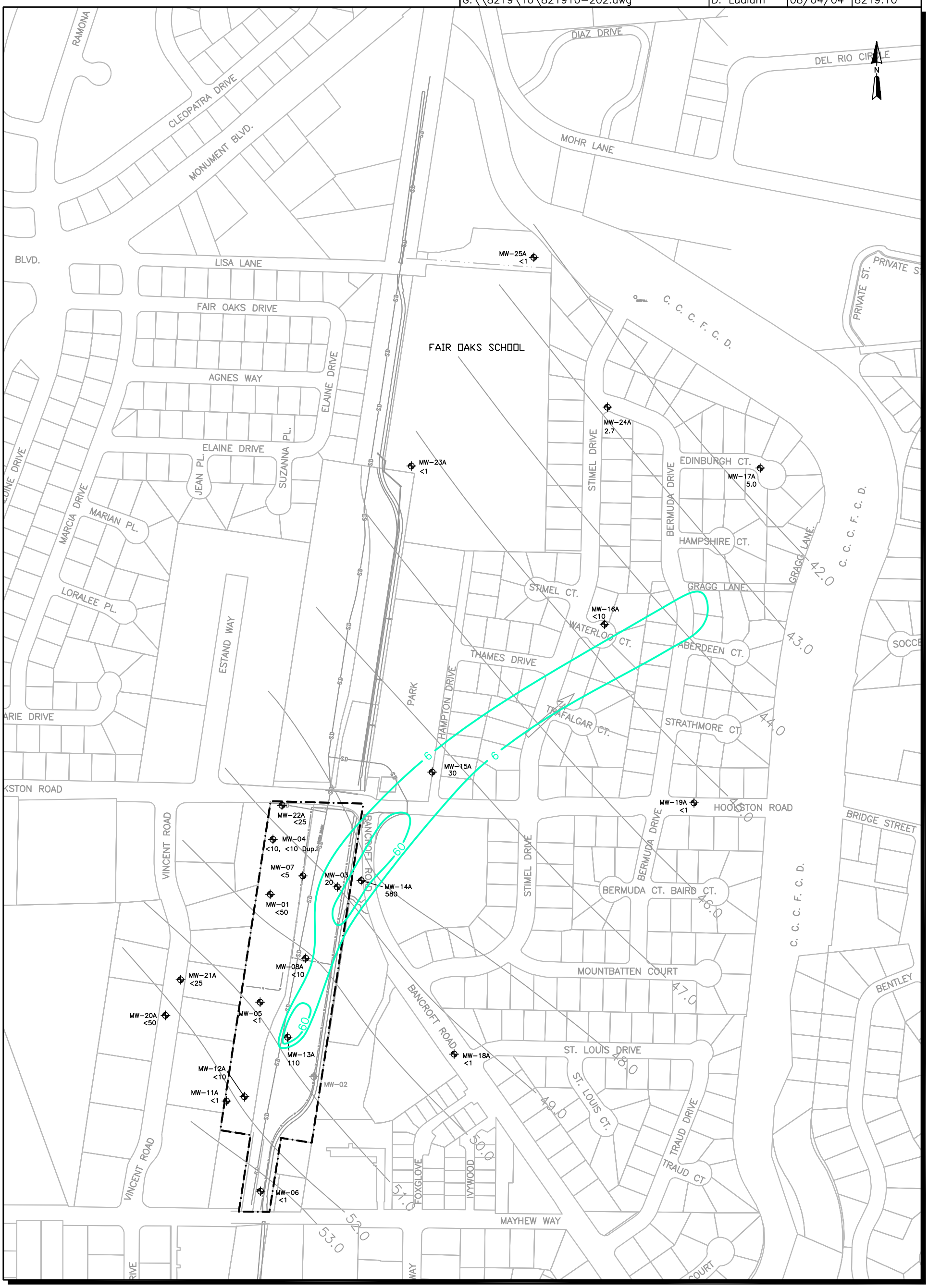
- Monitoring Well location
- 0.79 — cis-1,1-DCE concentration (µg/L)
- 1 — cis-1,1-DCE in ground water contour, dashed where inferred
  Data collected second quarter 2004
- Site Boundary
- Ground water elevation contour, A-Zone, July 2004 (feet above mean sea level)

0 300
FEET

Figure 8-7
cis-1,2-DCE Isoconcentration Map
A Zone Ground Water
Hookston Station Project
Pleasant Hill, California

ERM 06/04

CAD File:	Drawn By:	Date:	Project No.
G:\\8219\10\821910-202.dwg	D. Ludlam	08/04/04	8219.10



LEGEND

Monitoring Well location

0.79 — 1,1-DCE concentration (μg/L)

1 — 1,1-DCE in ground water contour, dashed where inferred
Data collected second quarter 2004

Site Boundary

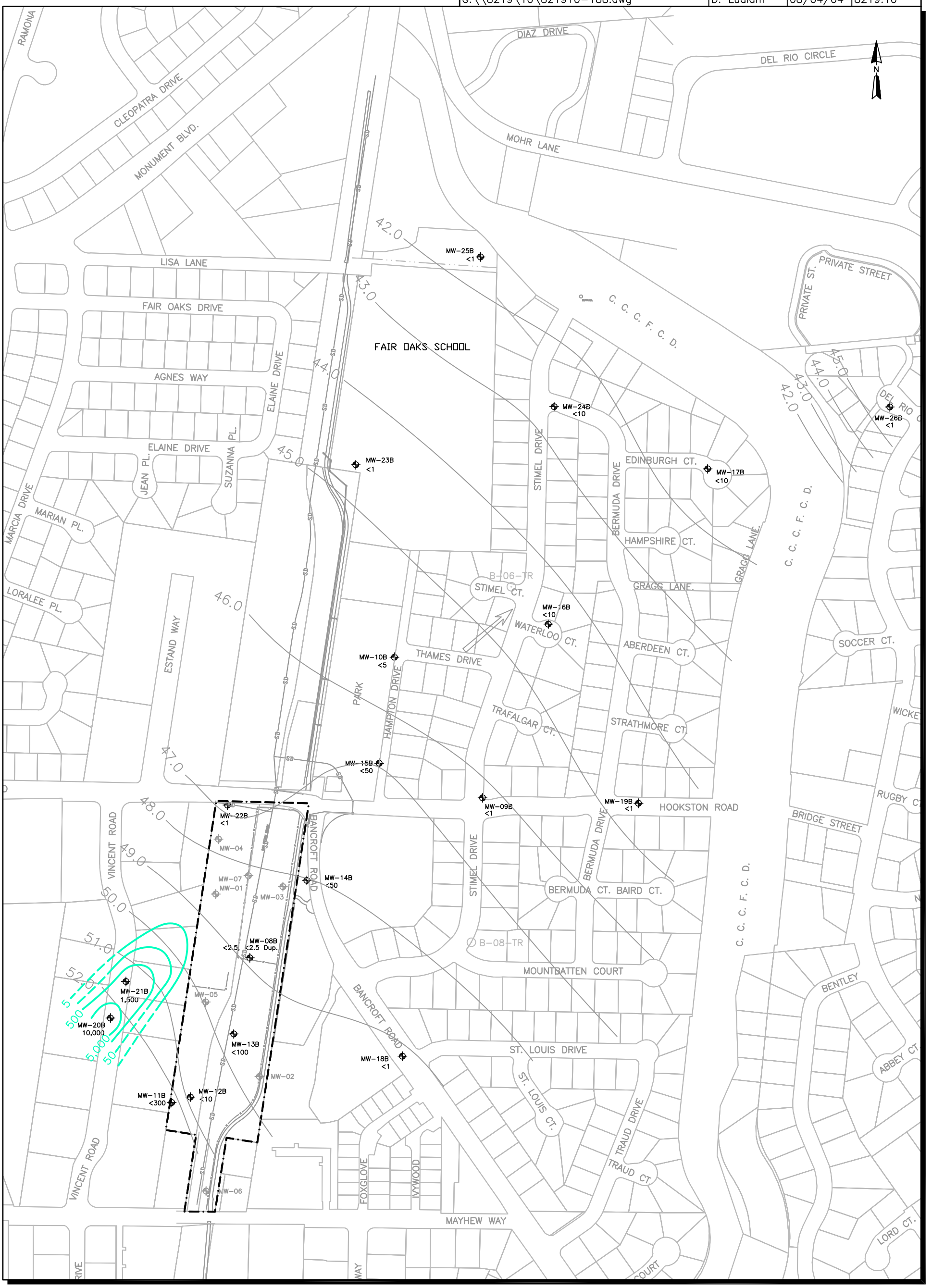
Ground water elevation contour, A-Zone, July 2004 (feet above mean sea level)

0 300
FEET

Figure 8-8
1,1-DCE Isoconcentration Map
A Zone Ground Water
Hookston Station Project
Pleasant Hill, California

ERM 06/04

CAD File:	Drawn By:	Date:	Project No.
G:\\8219\10\821910-188.dwg	D. Ludlam	08/04/04	8219.10



LEGEND

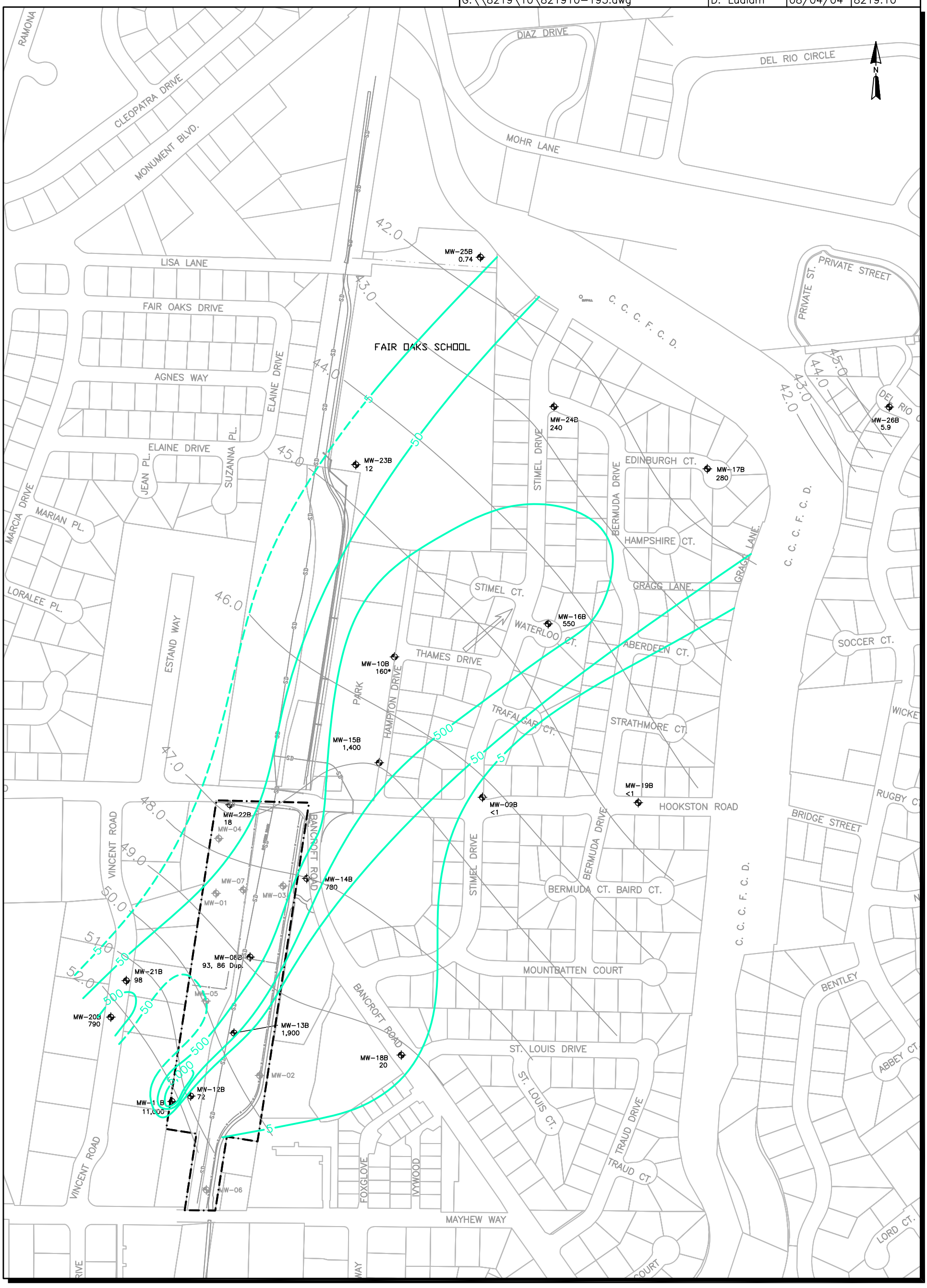
- Monitoring Well location
- 0.79 — PCE concentration (μg/L)
- 1 — PCE in ground water contour, dashed where inferred. Data collected second quarter 2004
- Site Boundary
- Ground water elevation contour, B-Zone, July 2004 (feet above mean sea level)

0 300
FEET

Figure 8-13
PCE Isoconcentration Map
B Zone Ground Water
Hookston Station Project
Pleasant Hill, California

ERM 06/04

CAD File:	Drawn By:	Date:	Project No.
G:\\8219\10\821910-193.dwg	D. Ludlam	08/04/04	8219.10



LEGEND

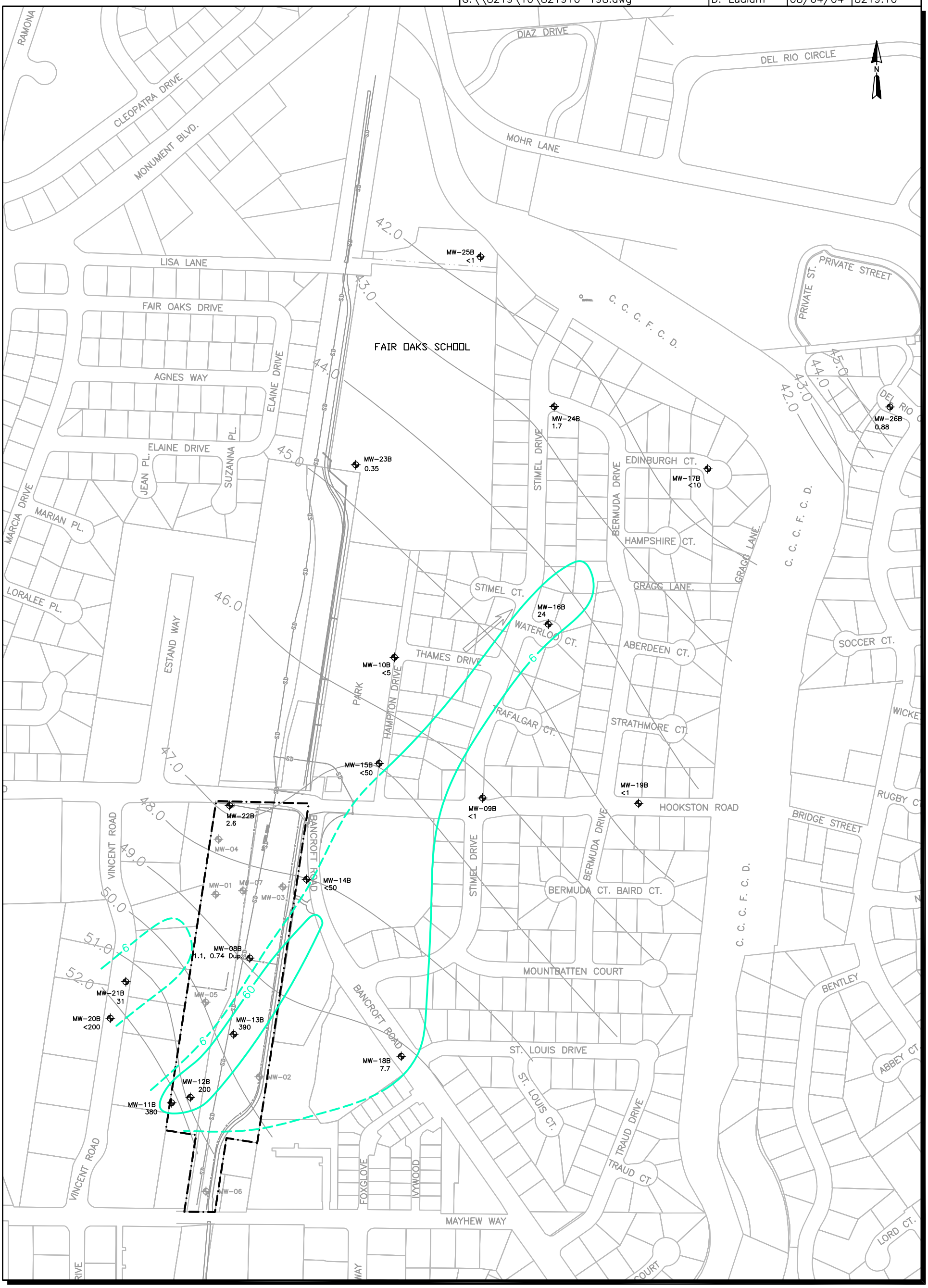
- Monitoring Well location
- 0.79 — TCE concentration (μg/L)
- * — Data not used for contouring based on historical data
- TCE in ground water contour, dashed where inferred
  Data collected second quarter 2004
- Site Boundary
- Ground water elevation contour, B-Zone, July 2004 (feet above mean sea level)

0 300
FEET

Figure 8-14
TCE Isoconcentration Map
B Zone Ground Water
Hookston Station Project
Pleasant Hill, California

ERM 06/04

CAD File:	Drawn By:	Date:	Project No.
G:\\8219\10\821910-198.dwg	D. Ludlam	08/04/04	8219.10



LEGEND

- Monitoring Well location
- 0.79 — cis–1,1–DCE concentration (μg/L)
- 1 — cis–1,1–DCE in ground water contour, dashed where inferred. Data collected second quarter 2004
- Site Boundary
- Ground water elevation contour, B–Zone, July 2004 (feet above mean sea level)

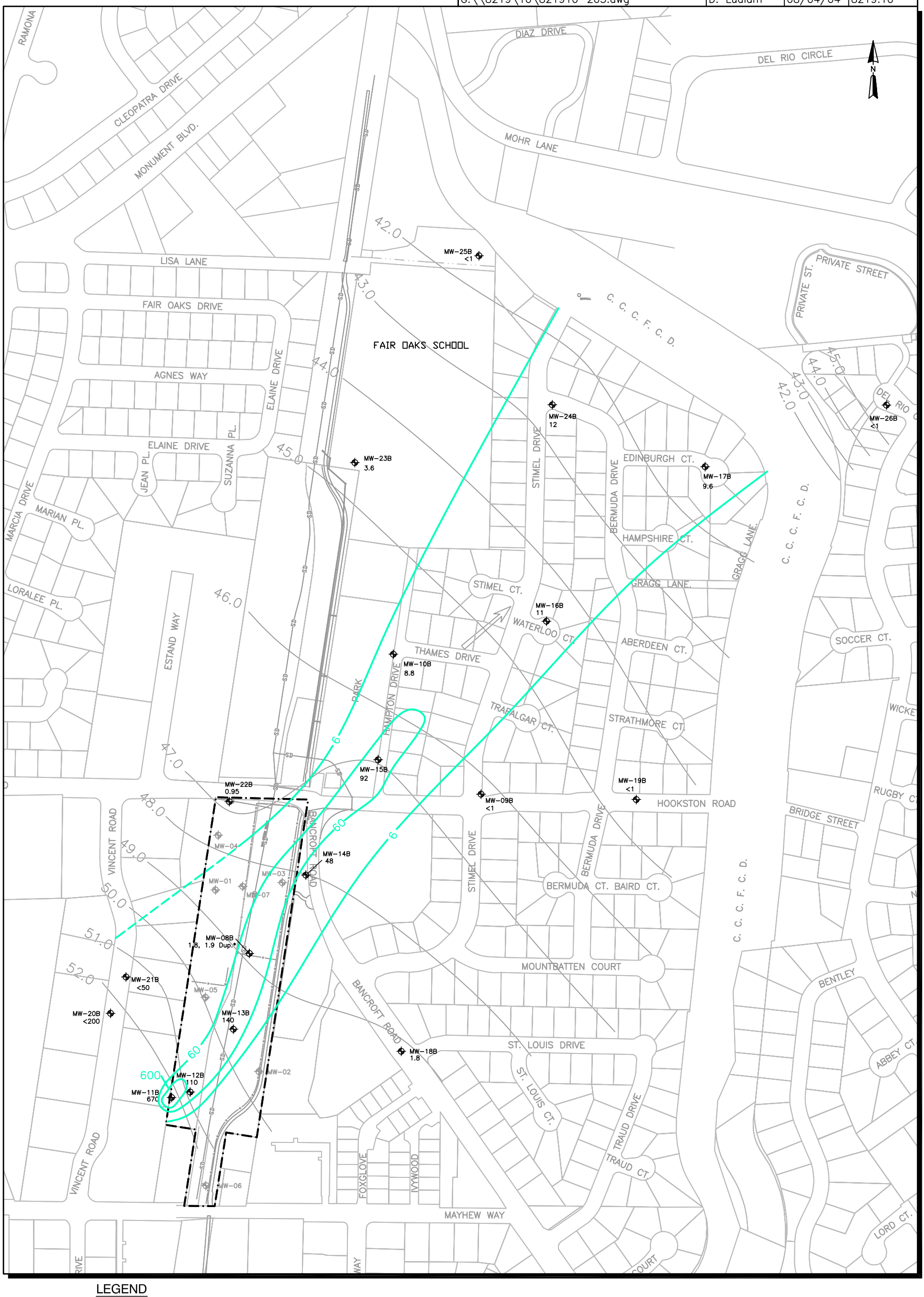
0 300
FEET

Figure 8-15

cis-1,2-DCE Isoconcentration Map
B Zone Ground Water
Hookston Station Project
Pleasant Hill, California

ERM 06/04

CAD File:	Drawn By:	Date:	Project No.
G:\\8219\10\821910-203.dwg	D. Ludlam	08/04/04	8219.10



LEGEND

- Monitoring Well location
- 0.79 — 1,1-DCE concentration (μg/L)
- 1 — 1,1-DCE in ground water contour, dashed where inferred. Data collected second quarter 2004
- Site Boundary
- Ground water elevation contour, B-Zone, July 2004 (feet above mean sea level)
- * — Data not used for contouring based on historical results

0 300
FEET

Figure 8-16

1,1-DCE Isoconcentration Map
B Zone Ground Water
Hookston Station Project
Pleasant Hill, California

ERM 06/04

CAD File:	Drawn By:	Date:	Project No.
G:\\8219\10\821910-179.dwg	D. Ludlam	06/08/04	8219.10

FC-8848-L

6/20/2002	TCE	1.0

FC-7200-L

4/19/2002	TCE	1

FC-5570-L

9/14/2001	TCE	0.9
9/14/2001	Toluene	0.7
4/19/2002	TCE	1.2
4/19/2002	cis-1,2-DCE	0.5
4/19/2002	MTBE	1.2
6/20/2002	TCE	1.7
6/20/2002	cis-1,2-DCE	0.6

FC-5091-L

6/20/2002	PCE	2.6
6/20/2002	TCE	1.4
6/20/2002	MTBE	8.3

FC-4630-L

9/14/2001	TCE	0.8
9/14/2001	Toluene	0.7

FC-4095-L

6/20/2002	TCE	1.8
6/20/2002	cis-1,2-DCE	0.6

FC-4060-L

7/20/2001	TCE	2.7
7/20/2001	cis-1,2-DCE	1

FC-3940-L

6/25/2001	TCE	3.3
6/25/2001	cis-1,2-DCE	1.4
7/20/2001	TCE	2.5 (Dup. 2.8)
7/20/2001	cis-1,2-DCE	1.0 (Dup. 1.0)
9/14/2001	TCE	1.2
9/14/2001	Toluene	0.8
4/19/2002	TCE	1.7
4/19/2002	cis-1,2-DCE	0.5

FC-3830-L

9/14/2001	TCE	0.9
9/14/2001	Toluene	0.8

FC-3430-R

9/14/2001	Toluene	0.8

FC-3940-R

9/14/2001	TCE	0.8
9/14/2001	Toluene	0.8

FC-3630-L

9/14/2001	TCE	0.7
9/14/2001	Toluene	0.5

FC-3430-L

9/14/2001	Toluene	0.8

FC-3230-L

9/14/2001	Toluene	0.7

FC-2830-L

9/14/2001	Toluene	0.6

FC-2630-L (FC-02)

FC-2210-L

9/14/2001	Toluene	0.7

FC-2210-R

9/14/2001	Toluene	0.7

FC-1905-L (FC-01)

FC-154-L

LEGEND

FC-154-L — Canal Surface Water Sample, micrograms per Liter (µg/L)

Site Boundary

0 600

FEET

Figure 9-1

VOCs in Surface Water Samples
Hookston Station Project
Pleasant Hill, California

ERM 05/04