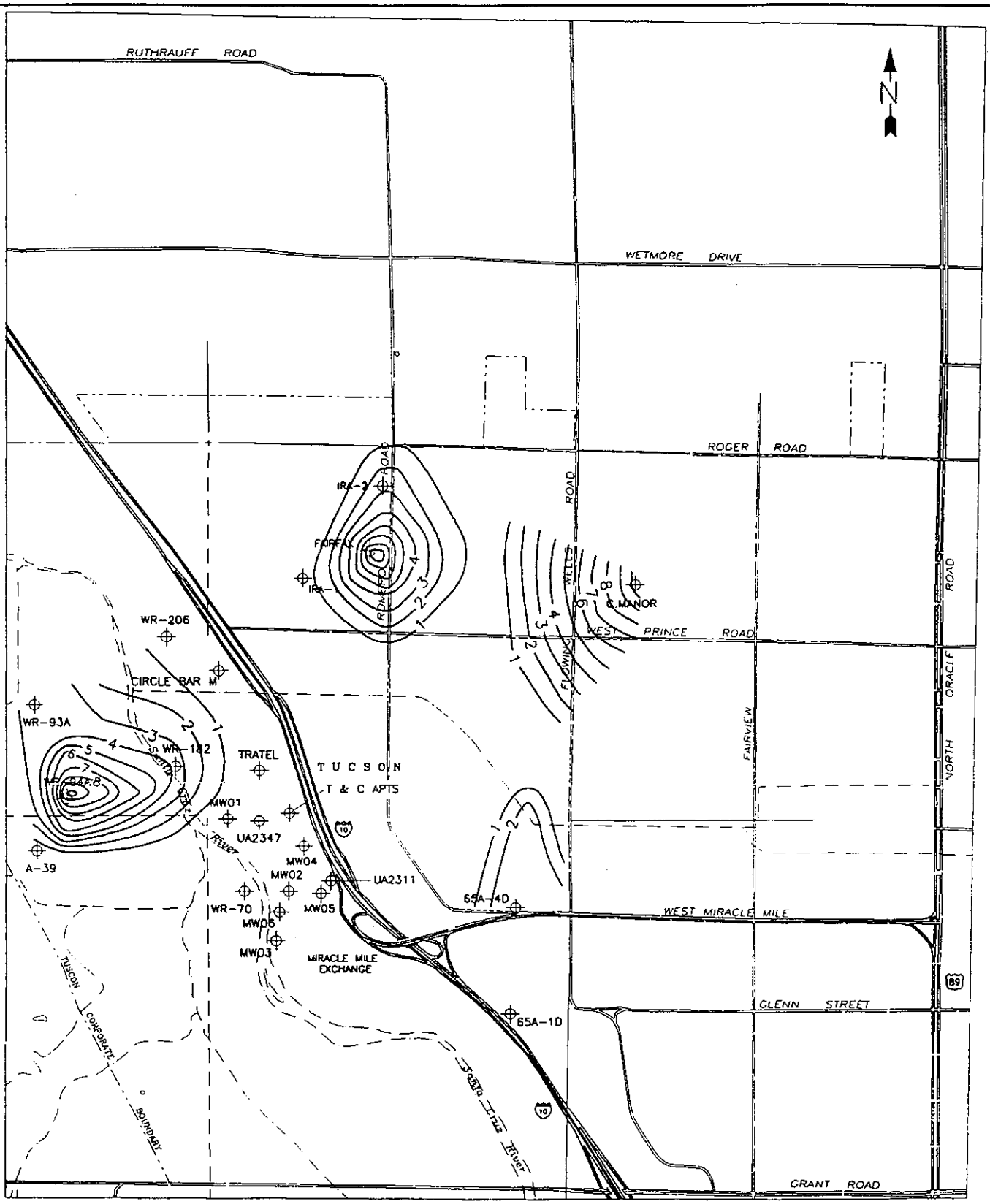


1000' 0 1000' 2000'

SCALE: 1" = 2000'

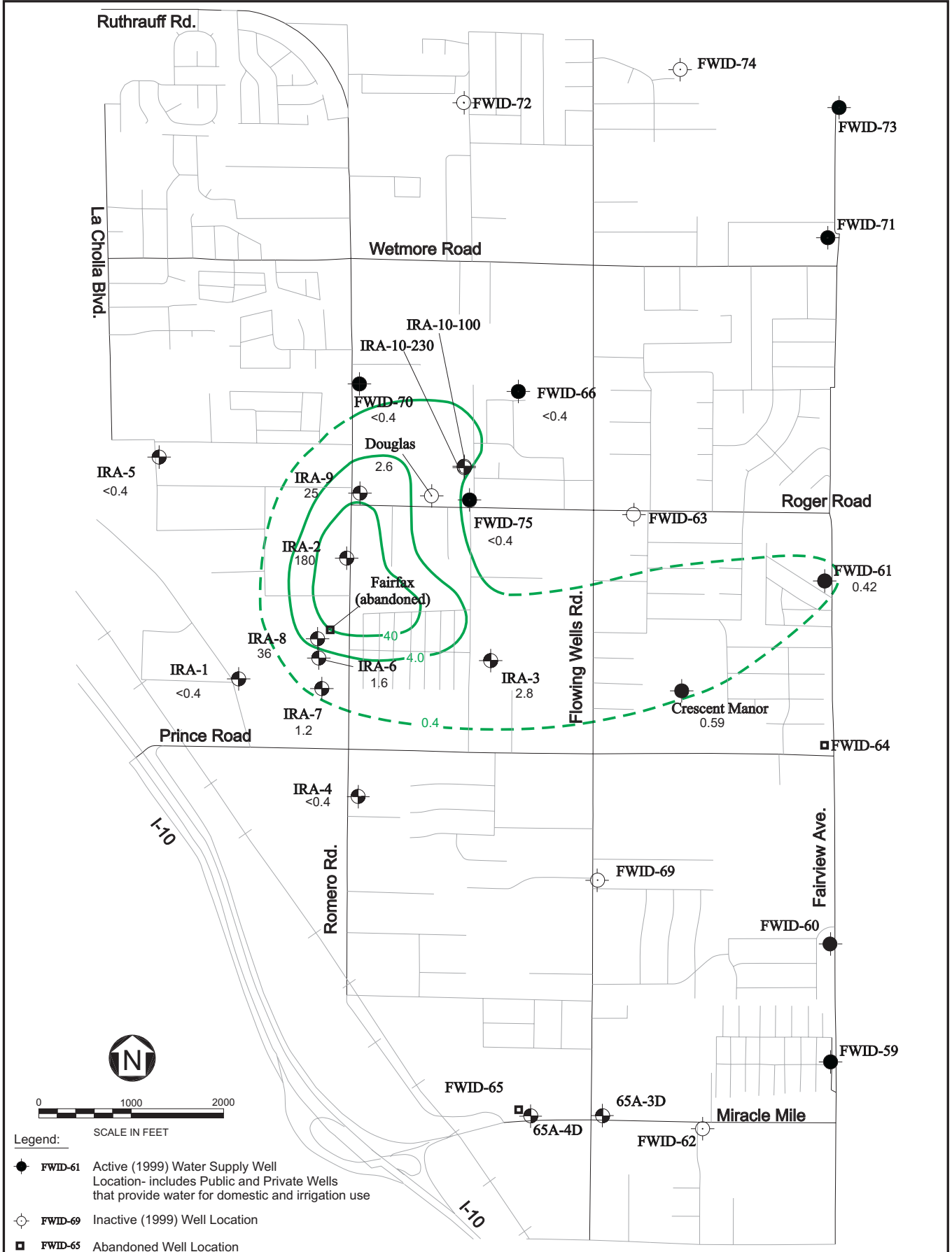
MIRACLE MILE INTERCHANGE AREA
TUCSON, ARIZONA

FIGURE A-5
TCE CONCENTRATIONS
OCTOBER 1992
CONTOUR INTERVAL = 1 μg/L

PRC ENVIRONMENTAL MANAGEMENT, INC.

FILE NAME D:\MIRALCE\CHMCONT2.DWG

DATE: 12/10/92 AML

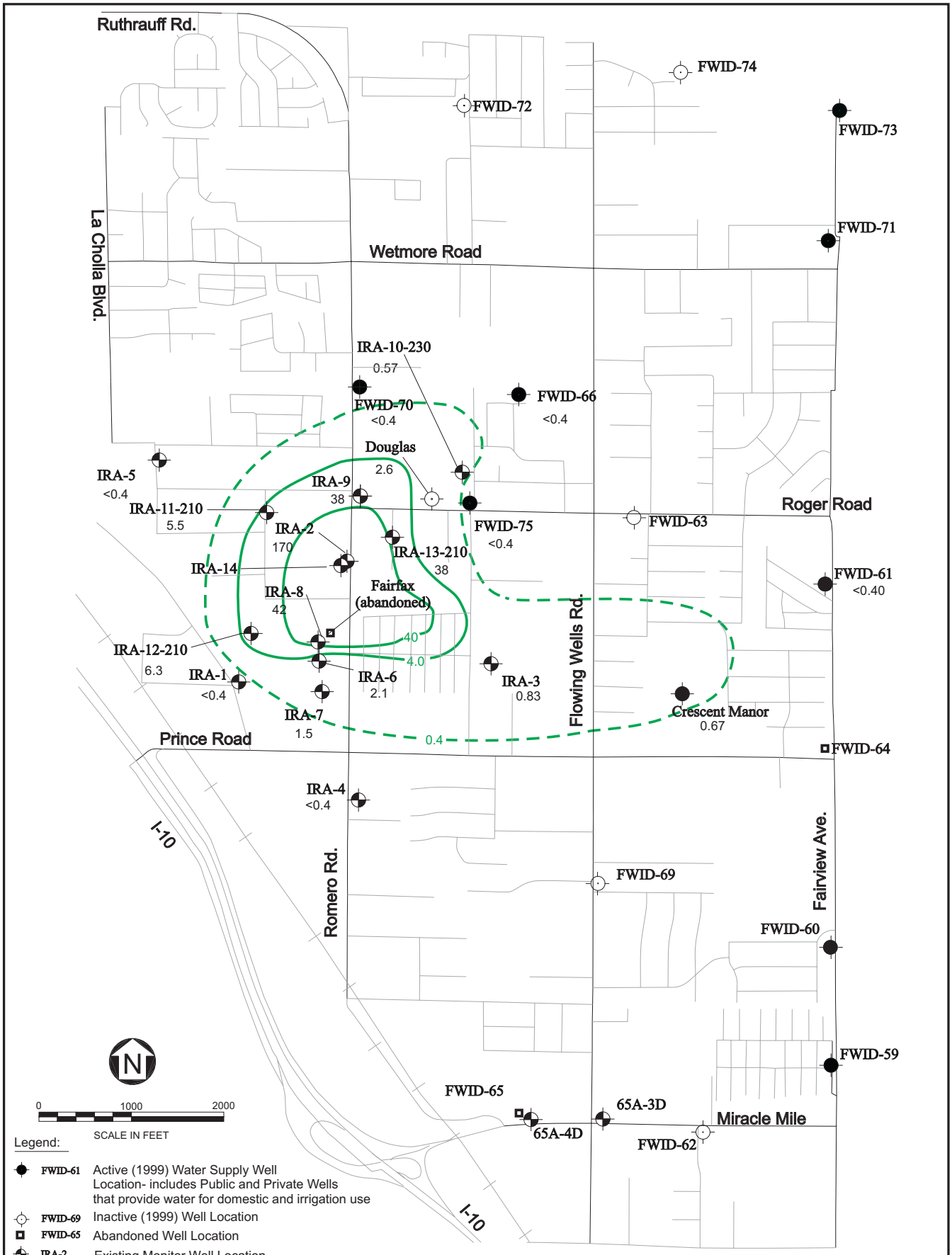


TCE Concentration, 1st Quarter, 2001

Miracle Mile WQARF Site
Tucson Arizona
Figure 5

URS

\\17564\022\Qtr Reports\1st Qtr 2001 Base Map.CDR 5/01

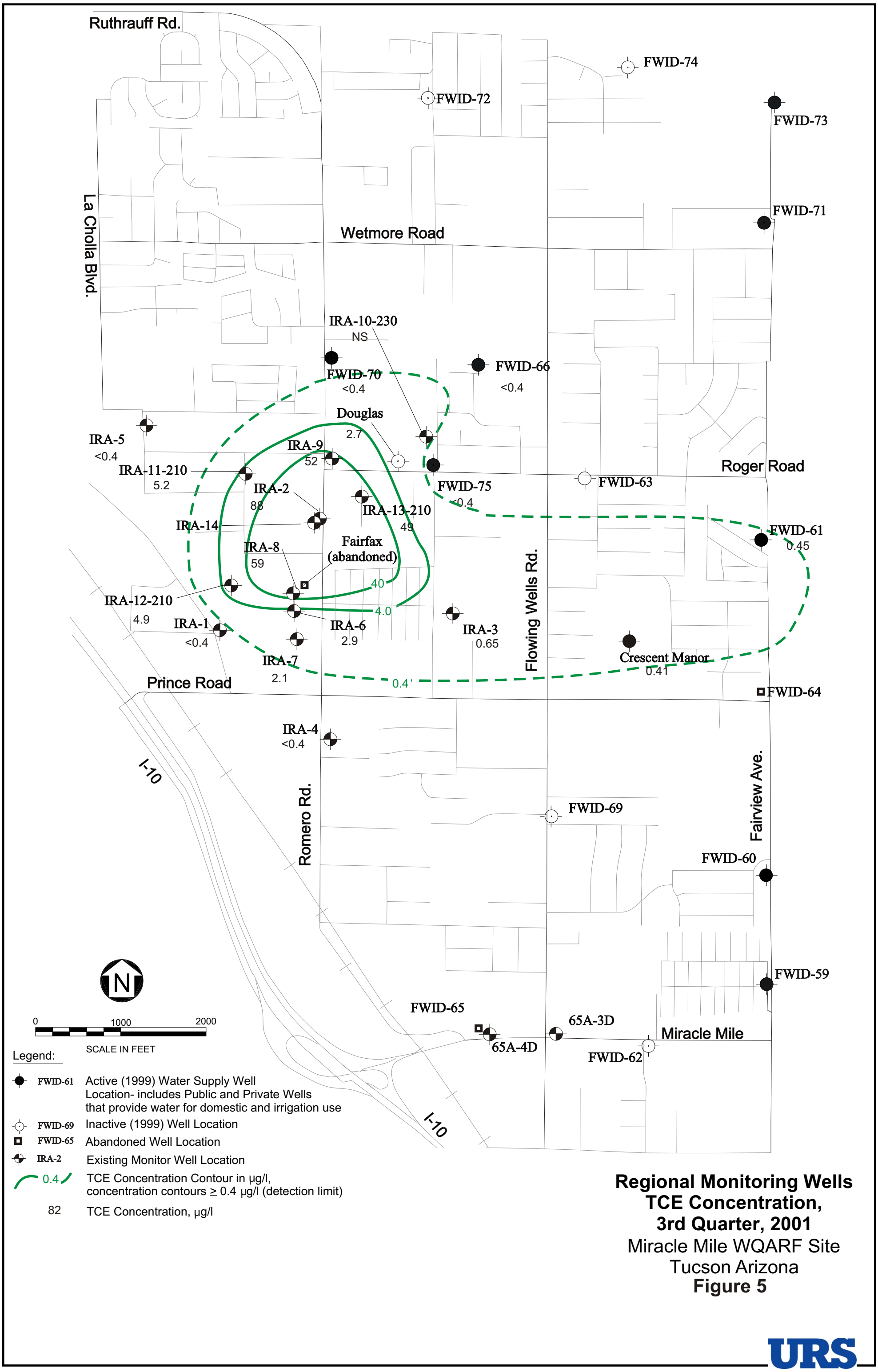


Regional Monitoring Wells TCE Concentration, 2nd Quarter, 2001

Miracle Mile WQARF Site
Tucson Arizona
Figure 5

URS

\\17564\022\Qtr Reports\1st Qtr 2001 Base Map.CDR 5/01
d
f
m
5
b

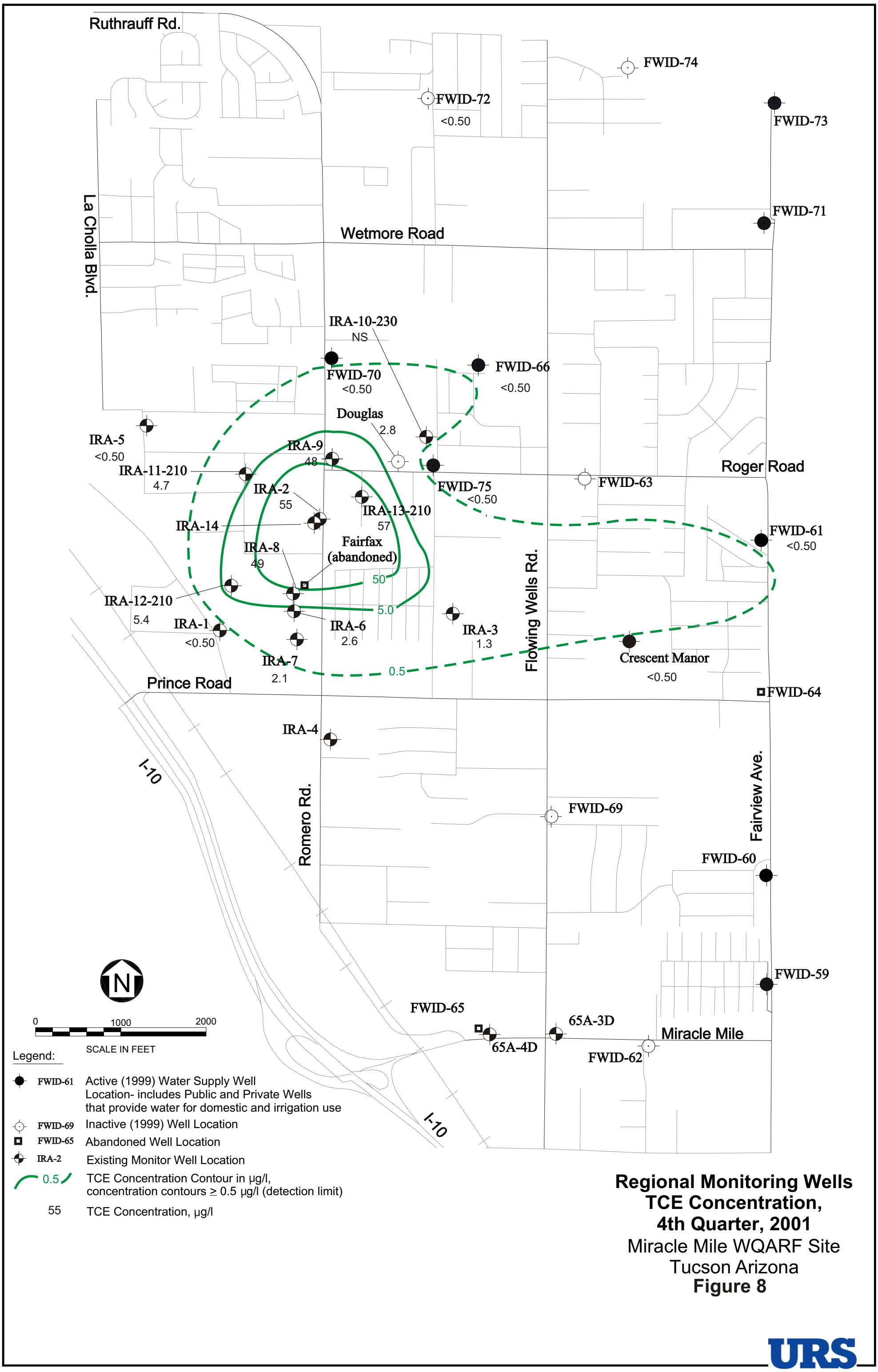


Regional Monitoring Wells
TCE Concentration,
3rd Quarter, 2001
Miracle Mile WQARF Site
Tucson Arizona
Figure 5

URS

\\17564\022\Qtr Reports\1st Qtr 2001 Base Map.CDR 5/01

d
f
m
5
b



Regional Monitoring Wells TCE Concentration, 4th Quarter, 2001

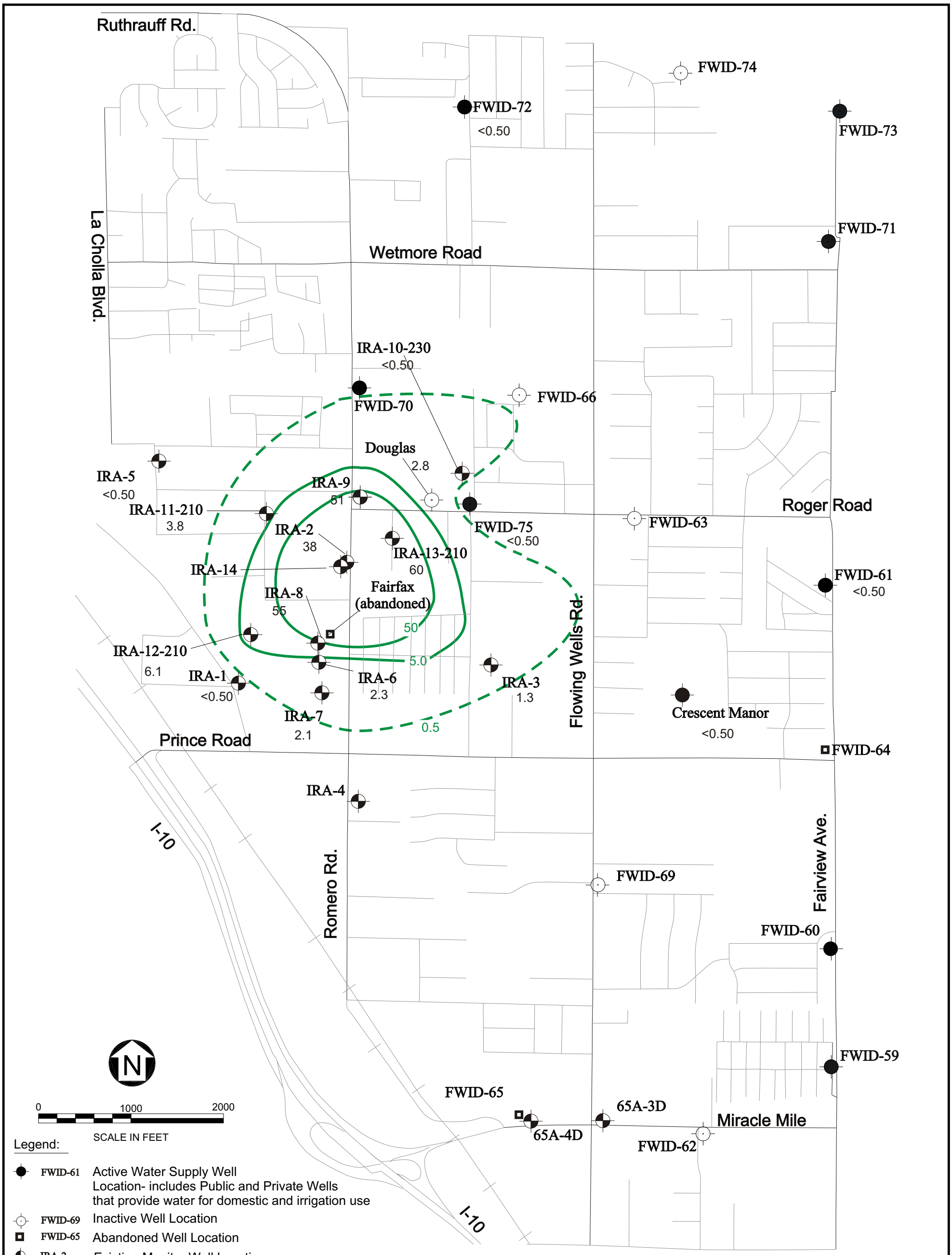
Miracle Mile WQARF Site
Tucson Arizona

Figure 8

URS

\\17564\022\Qtr Reports\1st Qtr 2001 Base Map.CDR 5/01

d
f
m
5
b



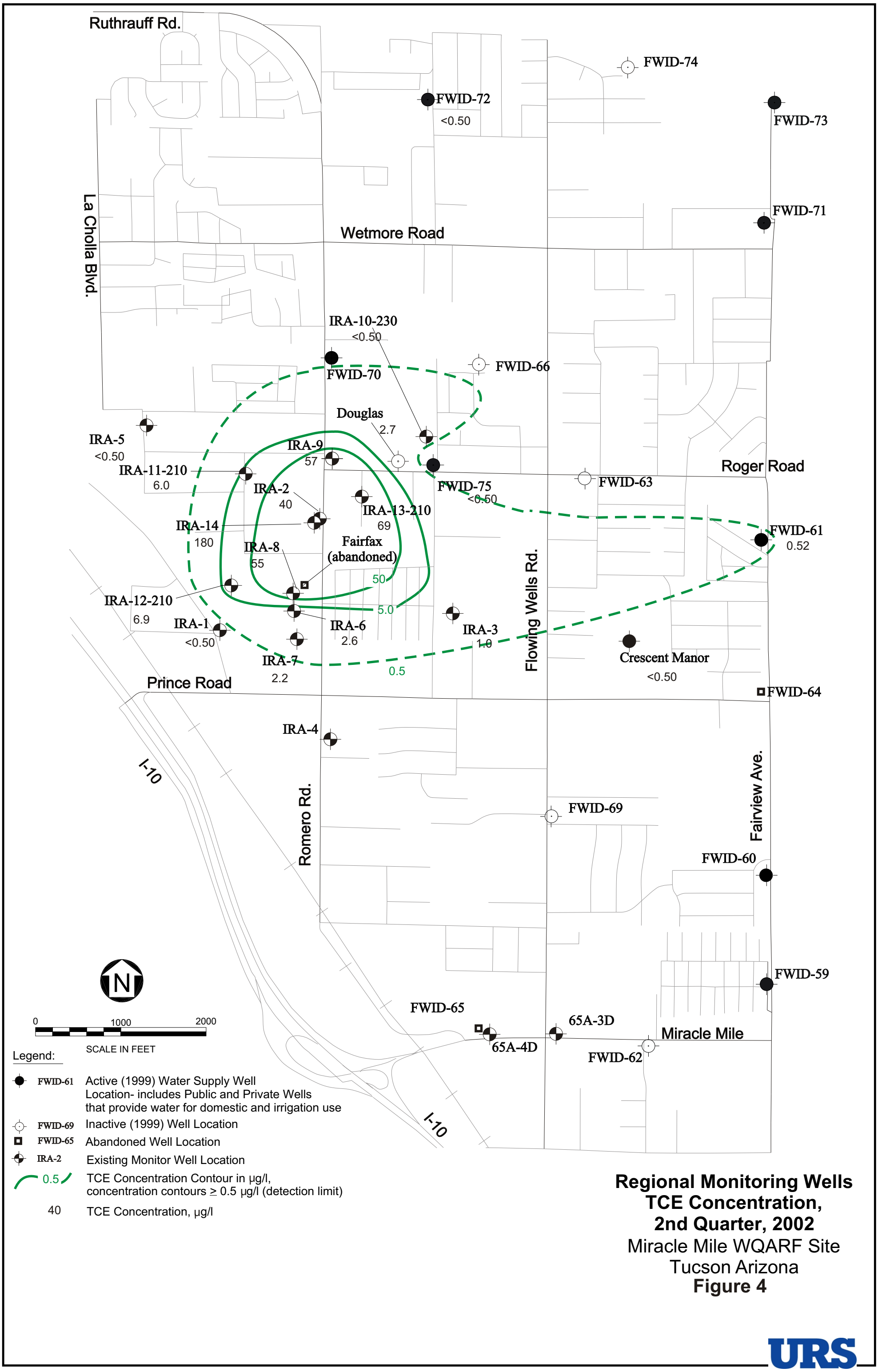
Regional Monitoring Wells TCE Concentration, 1st Quarter, 2002

Miracle Mile WQARF Site
Tucson Arizona

Figure 4

URS

\\17564\022\Qtr Reports\1st Qtr 2002\base map 5.cdr



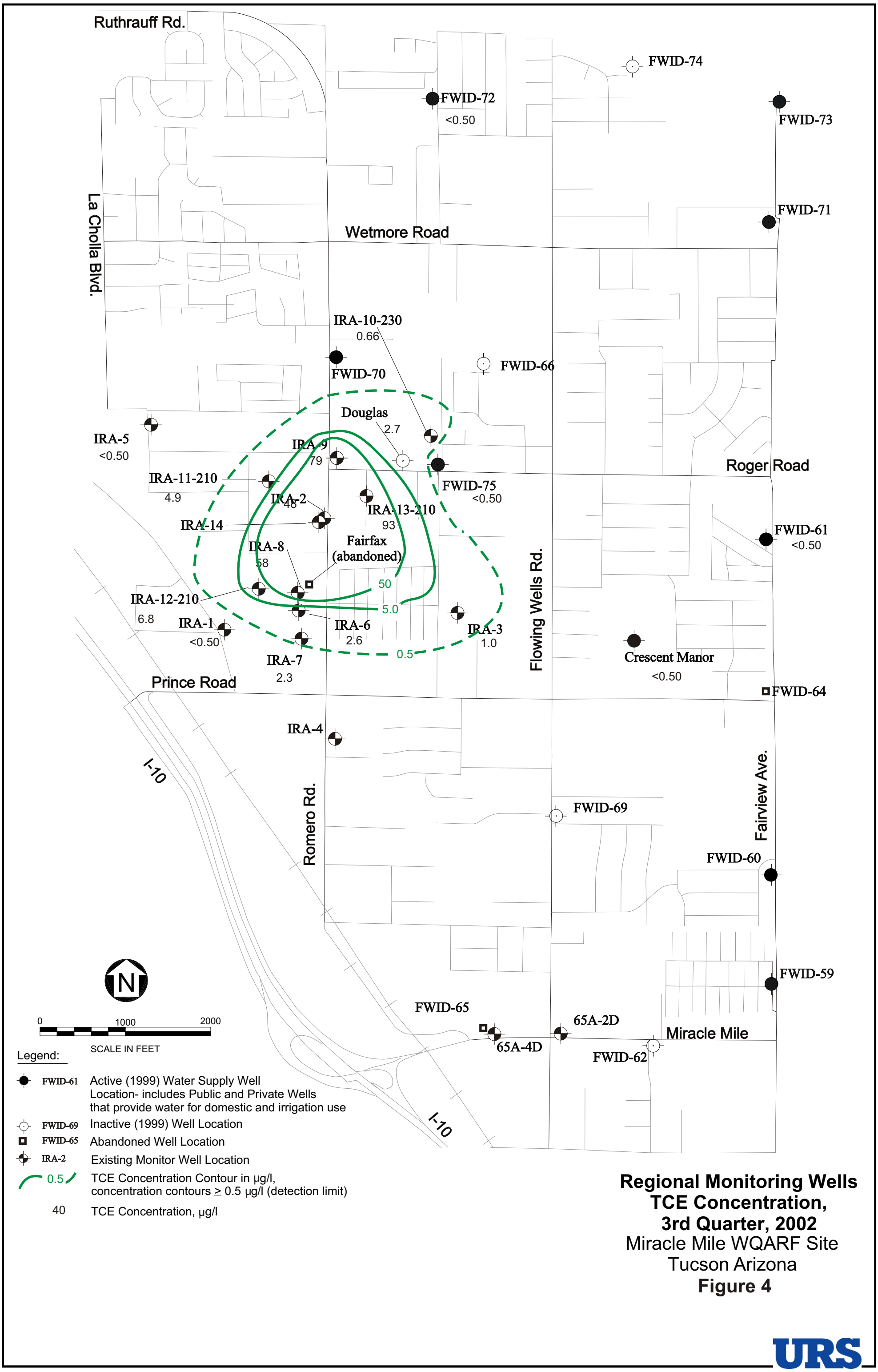
Regional Monitoring Wells TCE Concentration, 2nd Quarter, 2002

Miracle Mile WQARF Site
Tucson Arizona

Figure 4

URS

\\17564\022\Qtr Reports\2nd Qtr 2002 Figures.cdr



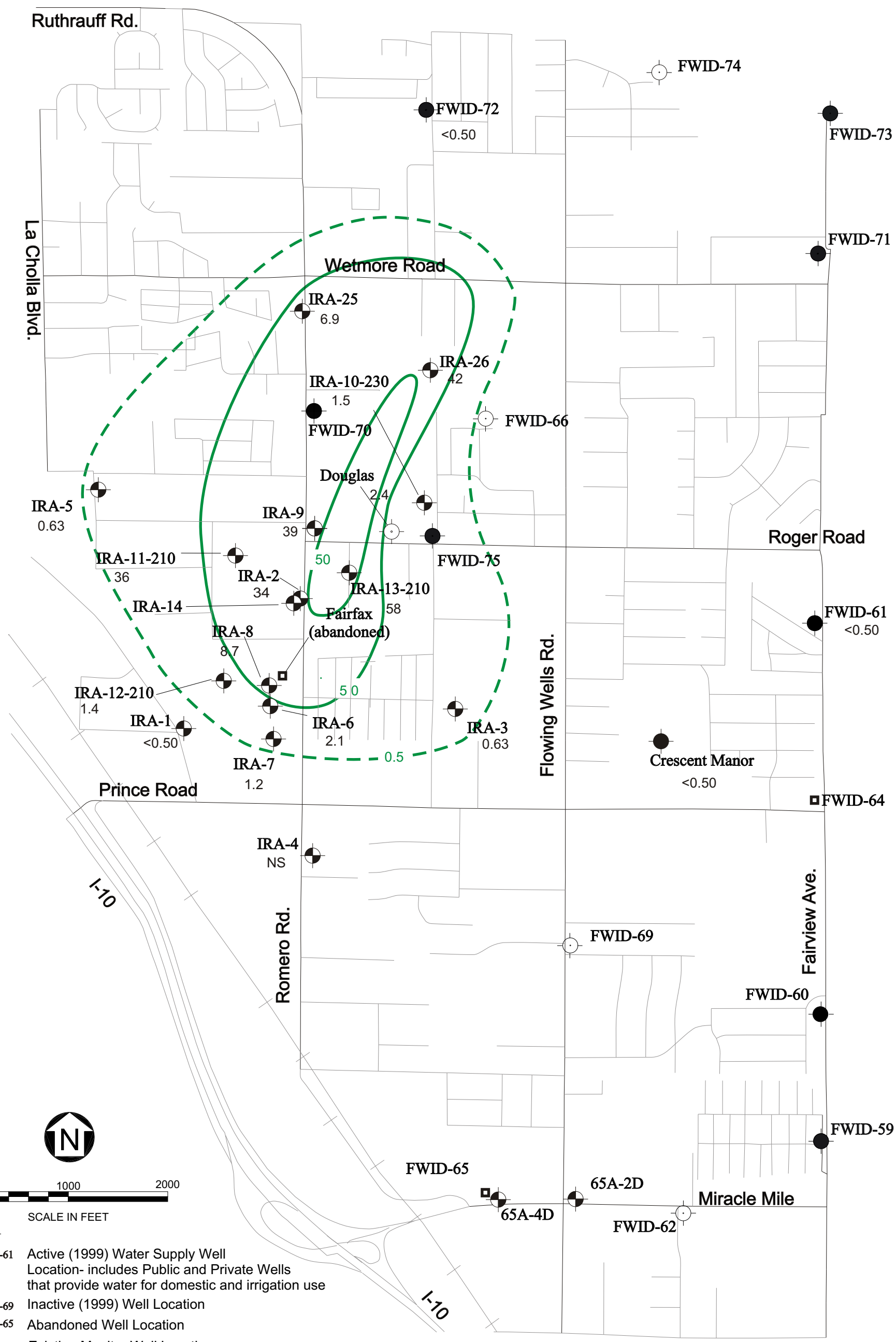
Regional Monitoring Wells TCE Concentration, 3rd Quarter, 2002

Miracle Mile WQARF Site
Tucson Arizona

Figure 4

URS

p:\Miracle Mile\Quarterly Reports\3rd Qtr 2002 figures.cdr



Legend:

- FWID-61 — Active (1999) Water Supply Well Location- includes Public and Private Wells that provide water for domestic and irrigation use
- FWID-69 — Inactive (1999) Well Location
- FWID-65 — Abandoned Well Location
- IRA-2 — Existing Monitor Well Location
- 0.5 — TCE Concentration Contour in µg/l, concentration contours ≥ 0.5 µg/l (detection limit)
- 2.0 — TCE Concentration, µg/l
- NS — No Sample Collected

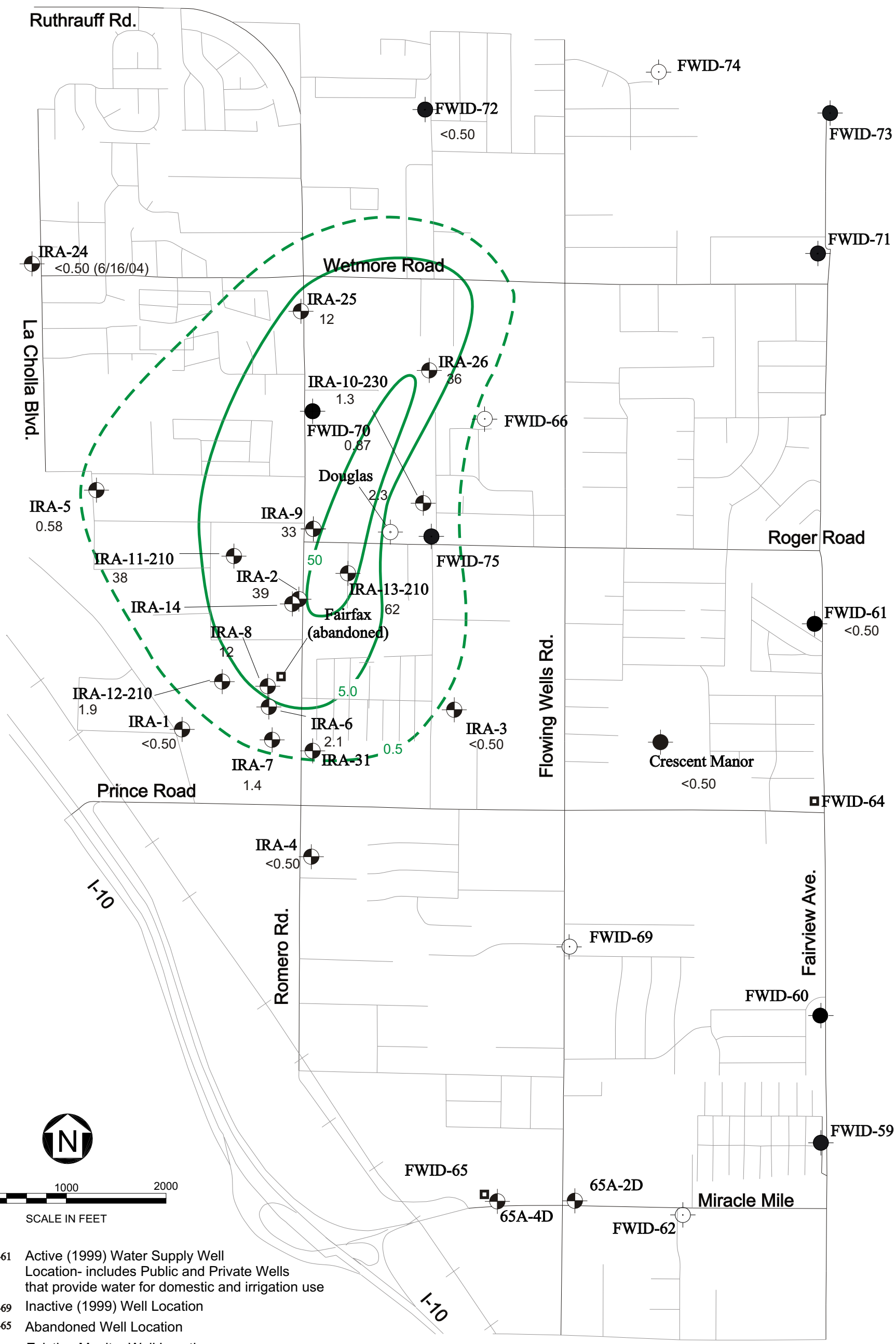
Regional Monitoring Wells TCE Concentration, March 2004

Miracle Mile WQARF Site
Tucson Arizona

Figure 4

URS

P:\Miracle Mile\Quarterly Reports\03-December\Figures



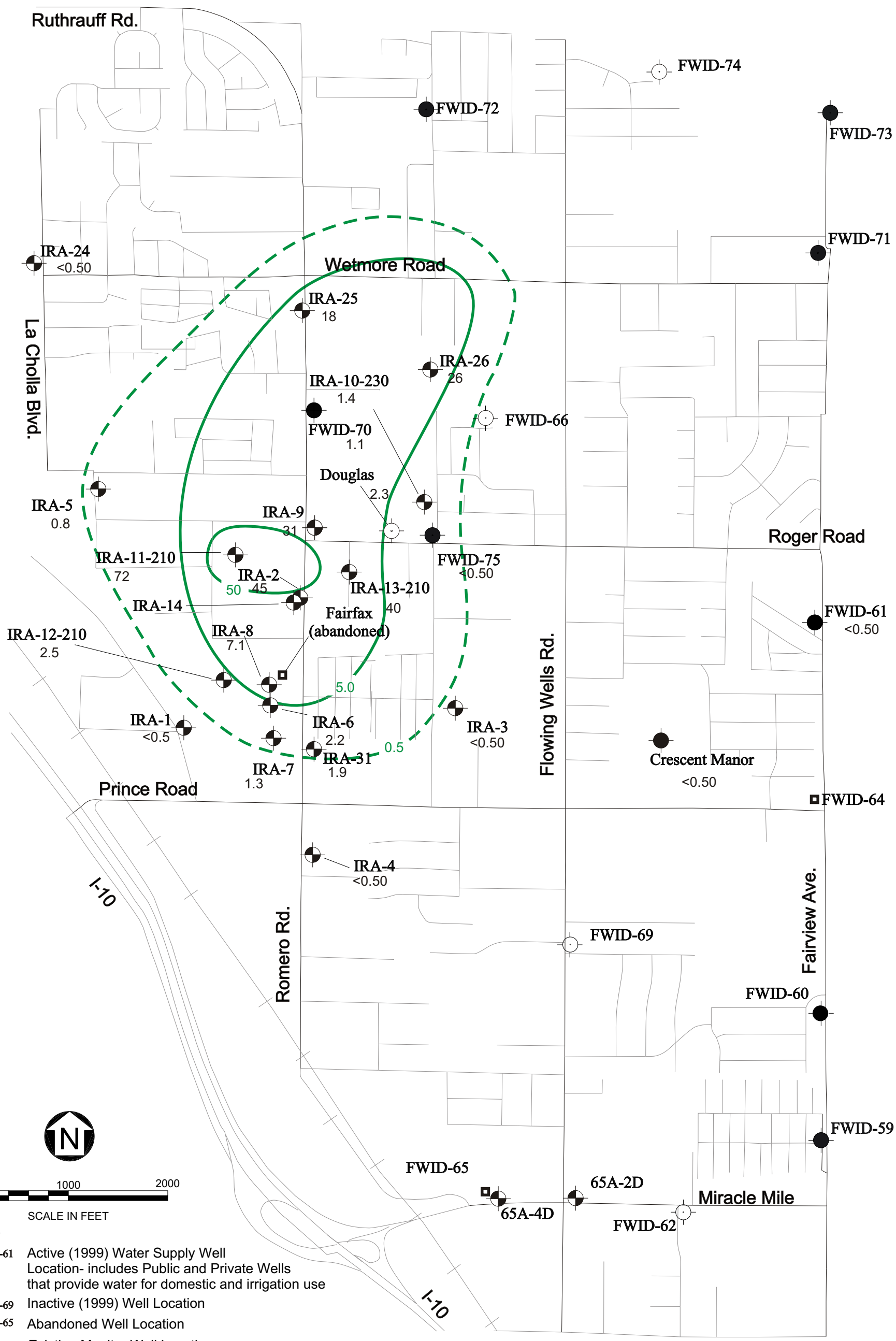
Regional Monitoring Wells TCE Concentration, May 2004

Miracle Mile WQARF Site
Tucson Arizona

Figure 4

P:\Miracle Mile\Quarterly Reports\03-December\Figures

URS



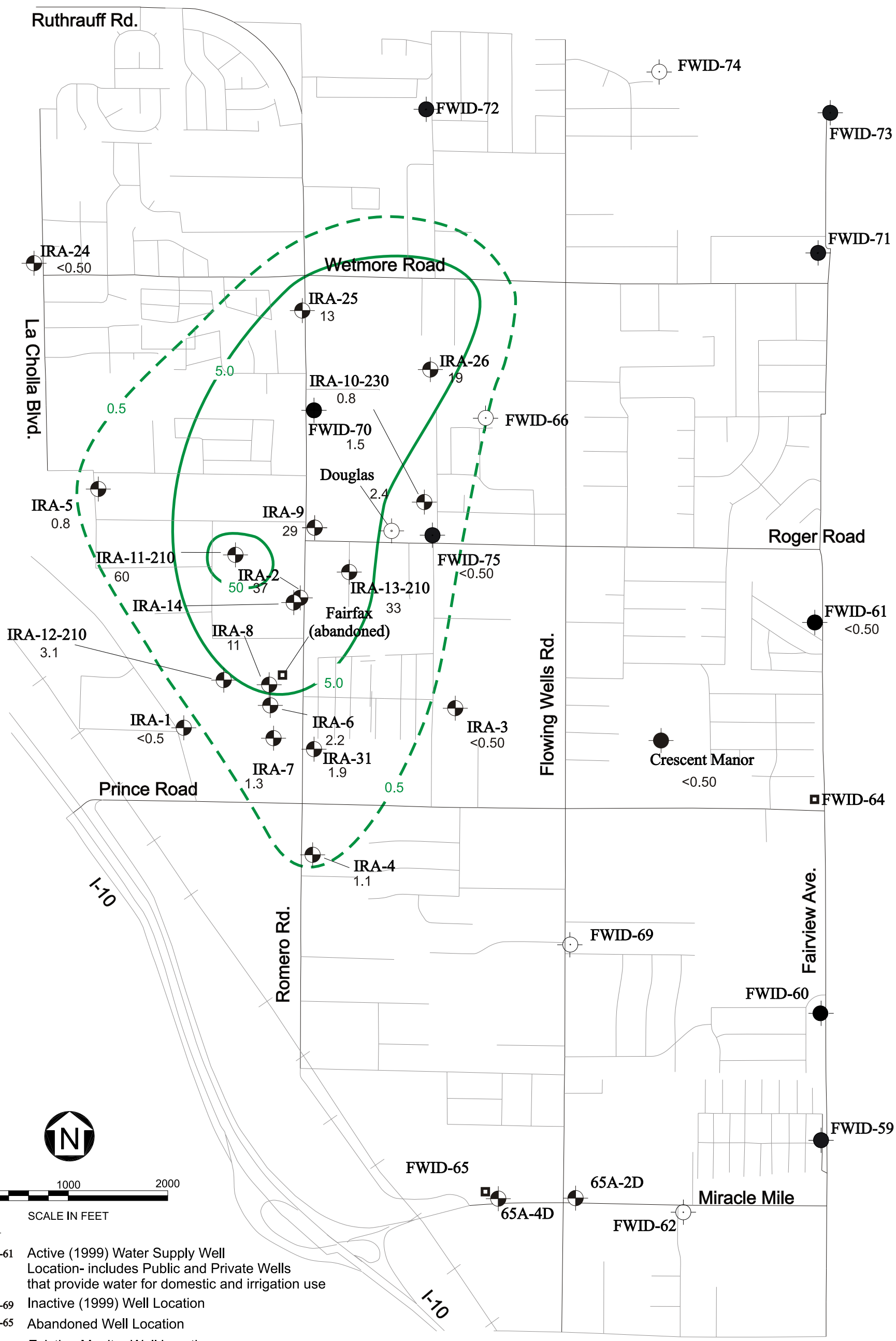
Regional Monitoring Wells TCE Concentration, December 2004

Miracle Mile WQARF Site
Tucson Arizona

Figure 4

P:\Miracle Mile\Quarterly Reports\03-December\Figures

URS



Legend:

- FWID-61 — Active (1999) Water Supply Well Location- includes Public and Private Wells that provide water for domestic and irrigation use
- FWID-69 — Inactive (1999) Well Location
- FWID-65 — Abandoned Well Location
- IRA-2 — Existing Monitor Well Location
- 0.5 — TCE Concentration Contour in µg/l, concentration contours ≥ 0.5 µg/l (detection limit)
- 2.0 — TCE Concentration, µg/l

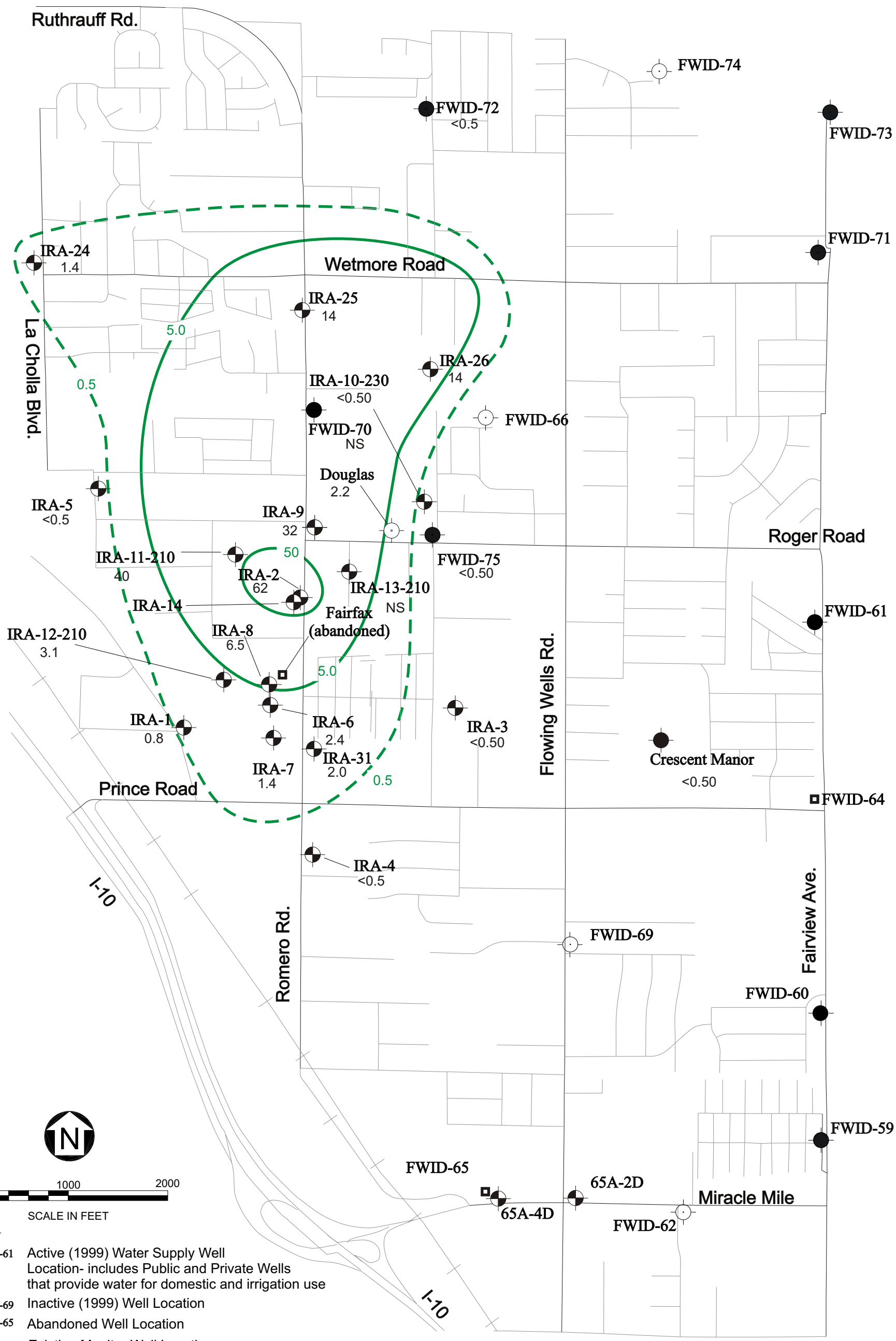
Regional Monitoring Wells TCE Concentration, April 2005

Miracle Mile WQARF Site
Tucson Arizona

Figure 4

URS

P:\Miracle Mile\Quarterly Reports\03-December\Figures



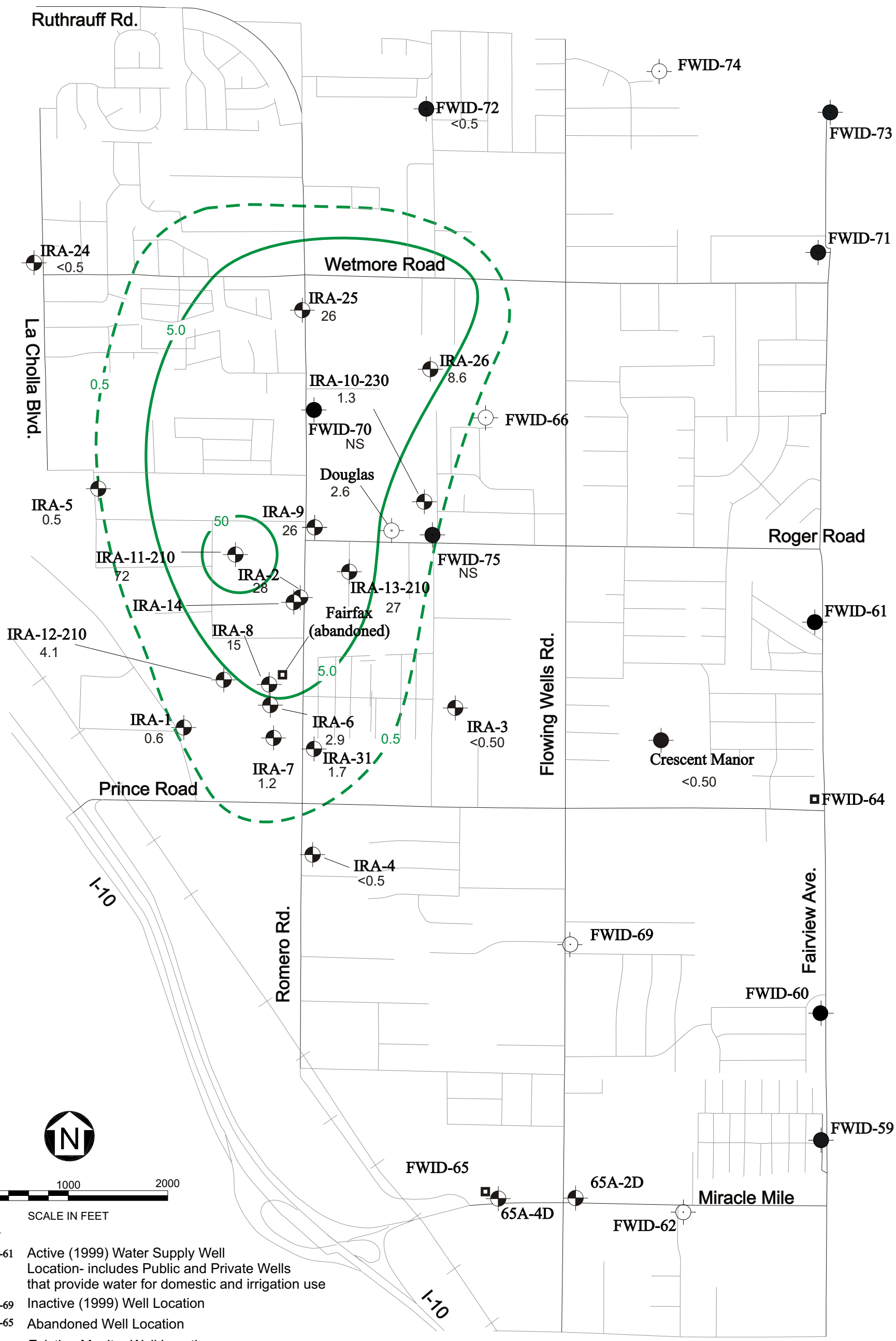
Regional Monitoring Wells TCE Concentration, October 2005

Miracle Mile WQARF Site
Tucson Arizona

Figure 4

P:\Miracle Mile\Quarterly Reports\03-December\Figures

URS



Legend:

- FWID-61 — Active (1999) Water Supply Well Location- includes Public and Private Wells that provide water for domestic and irrigation use
- FWID-69 — Inactive (1999) Well Location
- FWID-65 — Abandoned Well Location
- IRA-2 — Existing Monitor Well Location
- 0.5 — TCE Concentration Contour in µg/l, concentration contours ≥ 0.5 µg/l (detection limit)
- 2.0 — TCE Concentration, µg/l
- NS — Not Sampled

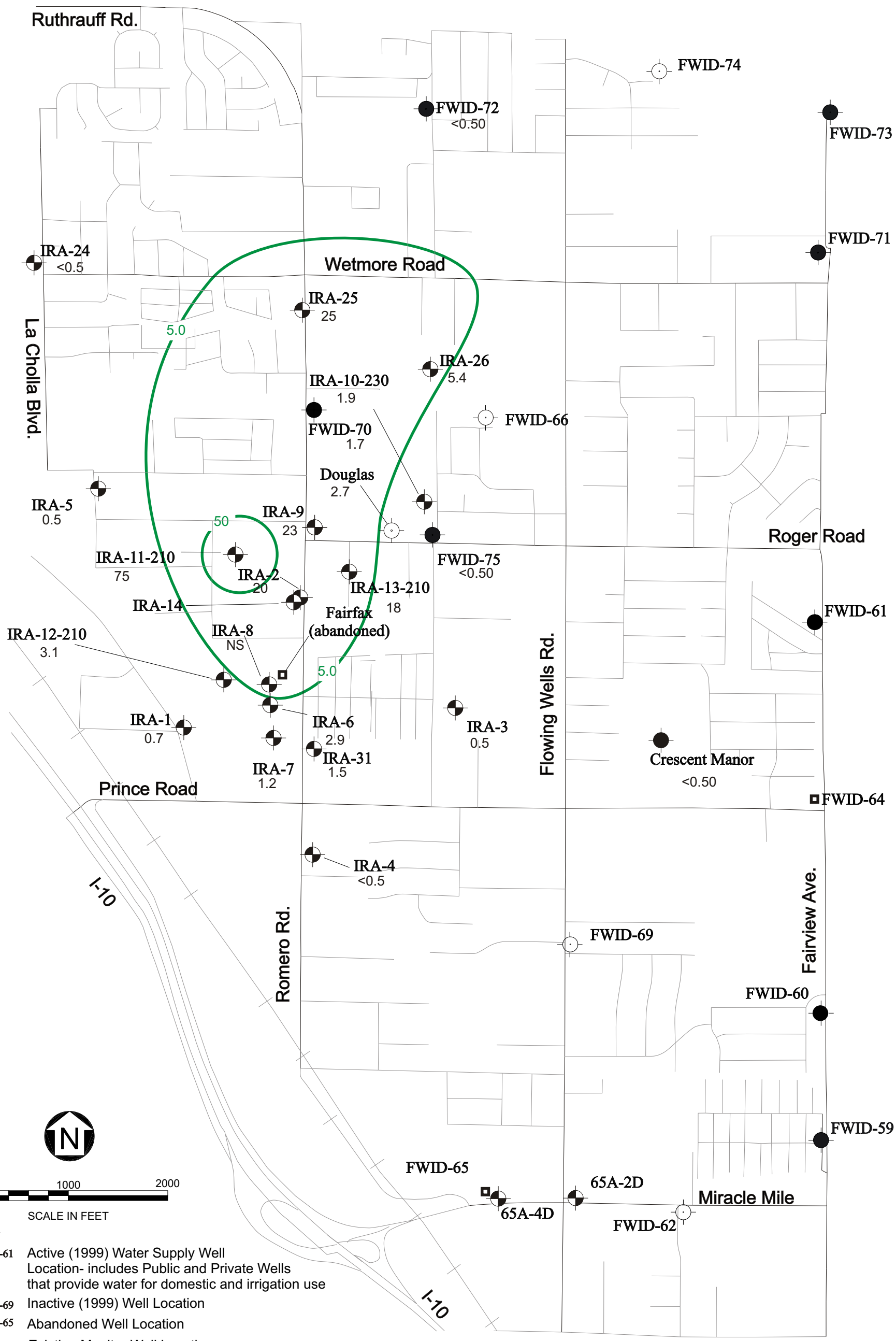
Regional Monitoring Wells TCE Concentration, April 2006

Miracle Mile WQARF Site
Tucson Arizona

Figure 4

URS

P:\Miracle Mile\Quarterly Reports\03-December\Figures



Legend:

- FWID-61 — Active (1999) Water Supply Well Location- includes Public and Private Wells that provide water for domestic and irrigation use
- FWID-69 — Inactive (1999) Well Location
- FWID-65 — Abandoned Well Location
- IRA-2 — Existing Monitor Well Location
- 0.5 — TCE Concentration Contour in µg/l, concentration contours > 5.0 ug/l (AWQS)
- 2.0 — TCE Concentration, µg/l
- NS — Not Sampled

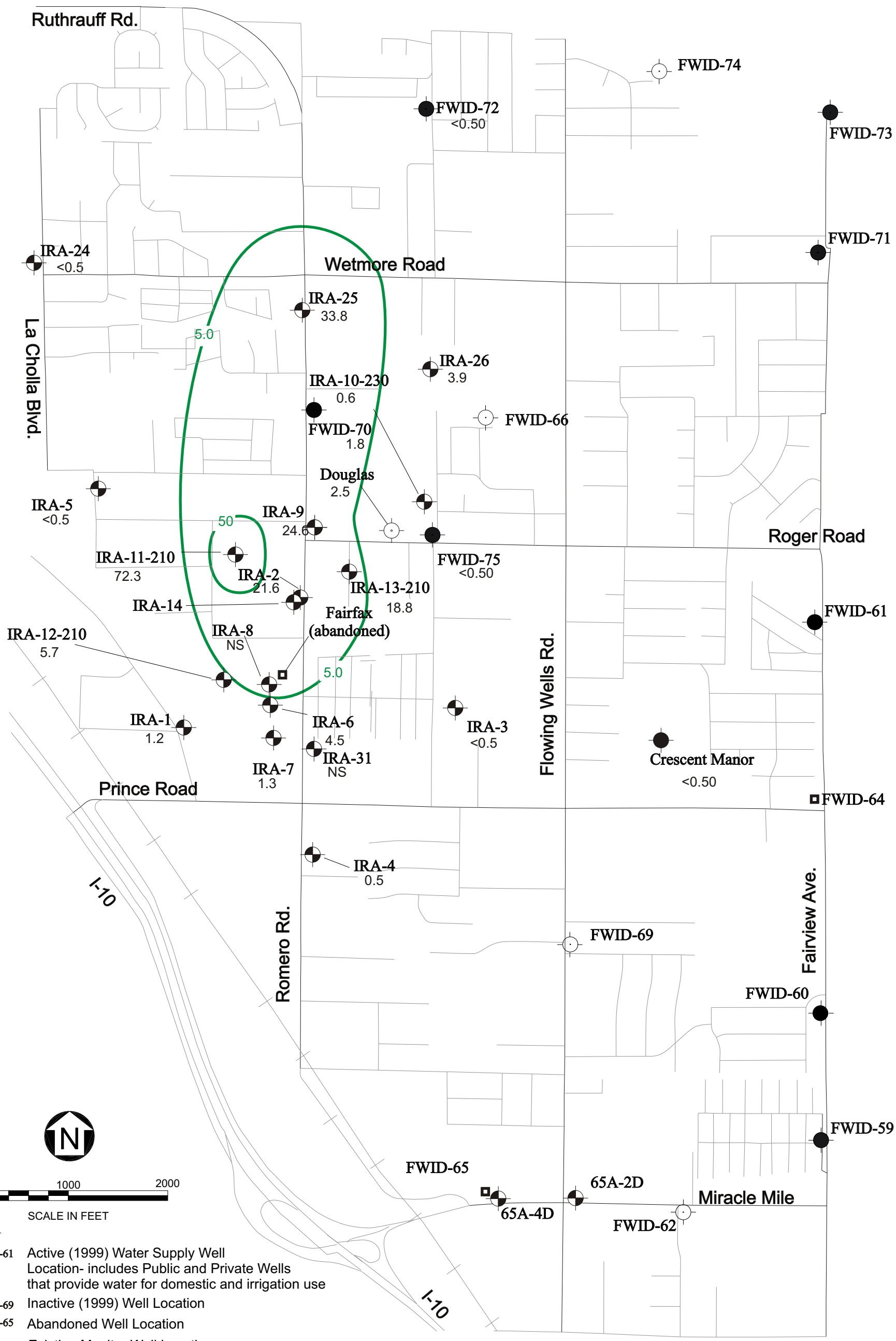
Regional Monitoring Wells TCE Concentration, October 2006

Miracle Mile WQARF Site
Tucson Arizona

Figure 4

URS

P:\Miracle Mile\Quarterly Reports\03-December\Figures



Legend:

- FWID-61 — Active (1999) Water Supply Well Location- includes Public and Private Wells that provide water for domestic and irrigation use
- FWID-69 — Inactive (1999) Well Location
- FWID-65 — Abandoned Well Location
- IRA-2 — Existing Monitor Well Location
- 5.0 — TCE Concentration Contour in µg/l, concentration contours ≥ 5.0 µg/l (AWQS)
- 2.0 — TCE Concentration, µg/l
- NS — Not Sampled

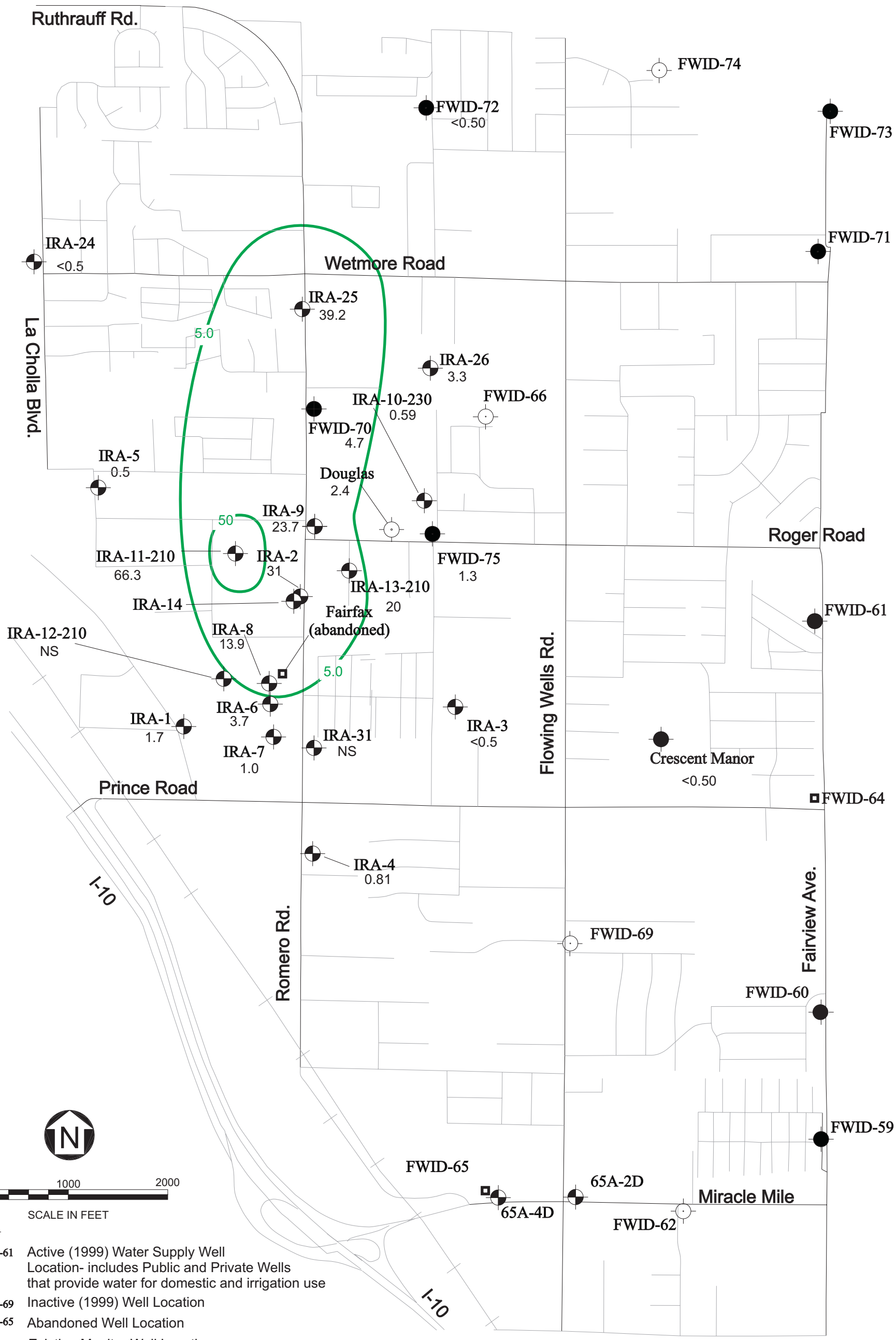
Regional Monitoring Wells TCE Concentration, April 2007

Miracle Mile WQARF Site
Tucson Arizona

Figure 4

P:\Miracle Mile\Quarterly Reports\03-December\Figures

URS



Legend:

- FWID-61 — Active (1999) Water Supply Well Location- includes Public and Private Wells that provide water for domestic and irrigation use
- FWID-69 — Inactive (1999) Well Location
- FWID-65 — Abandoned Well Location
- IRA-2 — Existing Monitor Well Location
- 5.0 — TCE Concentration Contour in µg/l, concentration contours ≥ 5.0 µg/l (AWQS)
- 2.0 — TCE Concentration, µg/l
- NS — Not Sampled

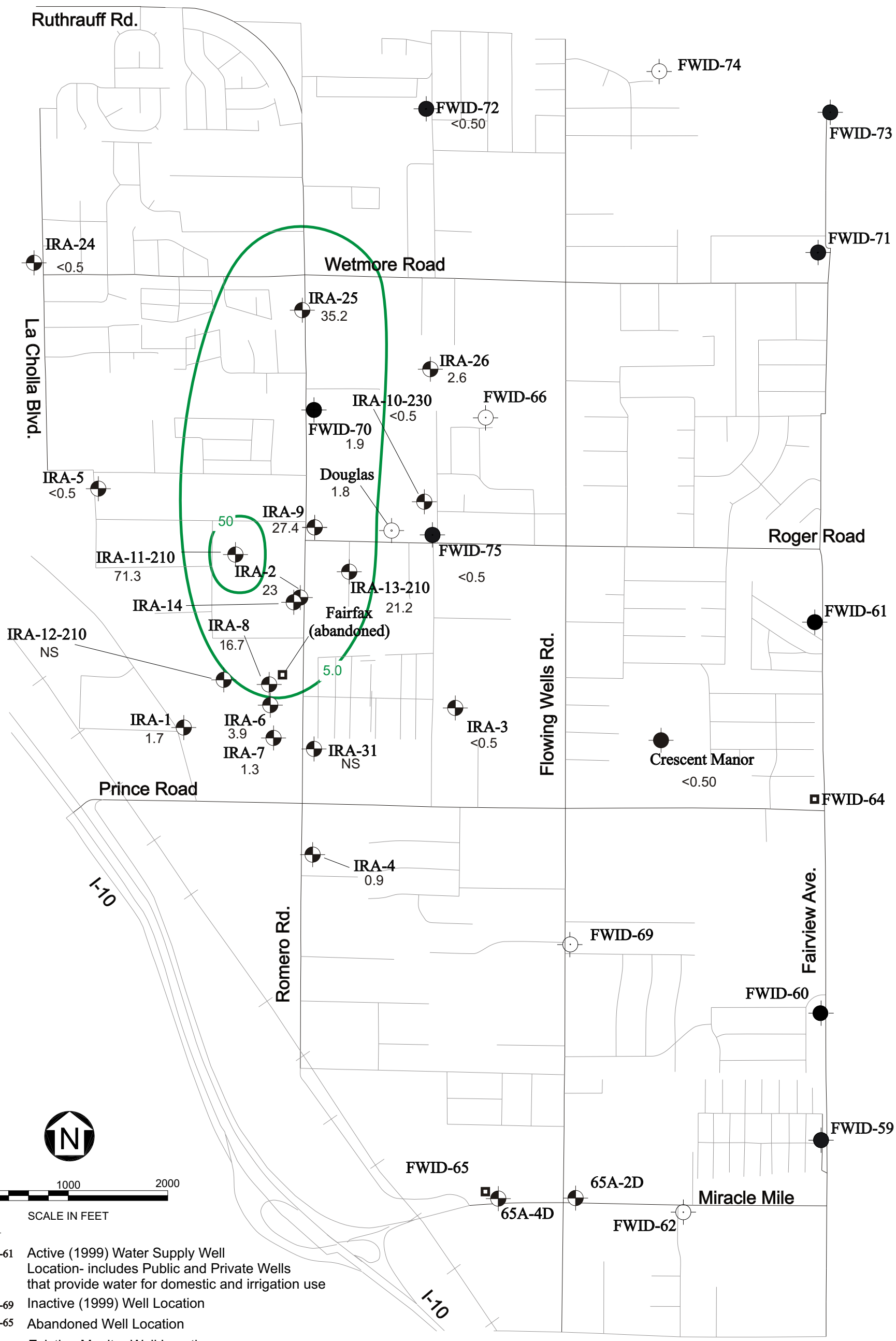
Regional Monitoring Wells TCE Concentration, October 2007

Miracle Mile WQARF Site
Tucson Arizona

Figure 4

P:\Miracle Mile\Quarterly Reports\03-December\Figures

URS



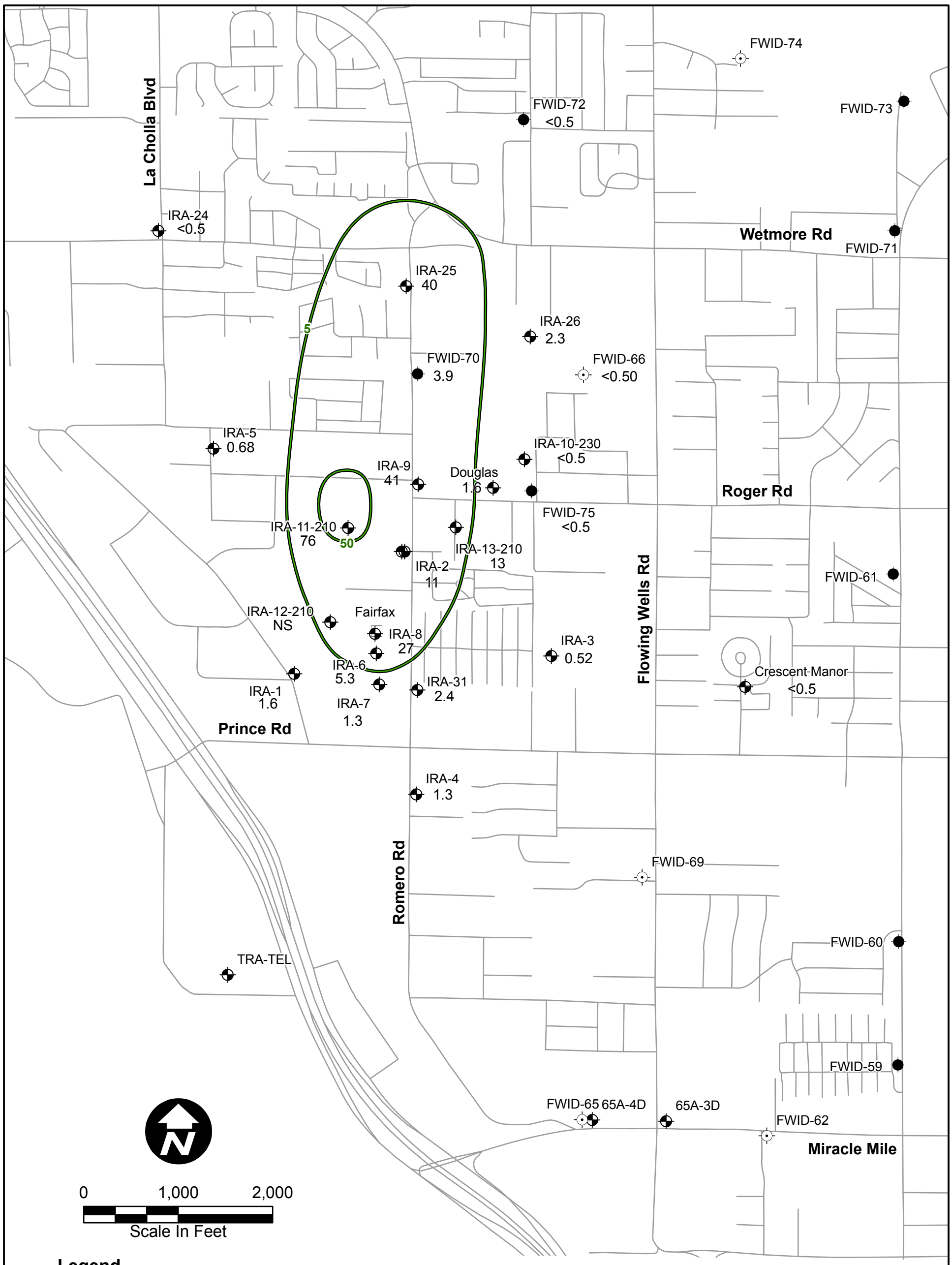
Regional Monitoring Wells TCE Concentration, April 2008

Miracle Mile WQARF Site
Tucson Arizona

Figure 4

P:\Miracle Mile\Quarterly Reports\03-December\Figures

URS



Legend

- Active (1999) Water Supply Well Location
- Inactive (1999) Well Location
- Abandoned Well Location
- Existing Monitor Well Location
- Private Well
- TCE Regional Contour (ug/L)
- 2.0 TCE Concentration (ug/L)
- NS Not Sampled

Regional Monitor Wells TCE Concentration, November 2008

Miracle Mile WQARF Site
Tucson Arizona

Figure 4

URS

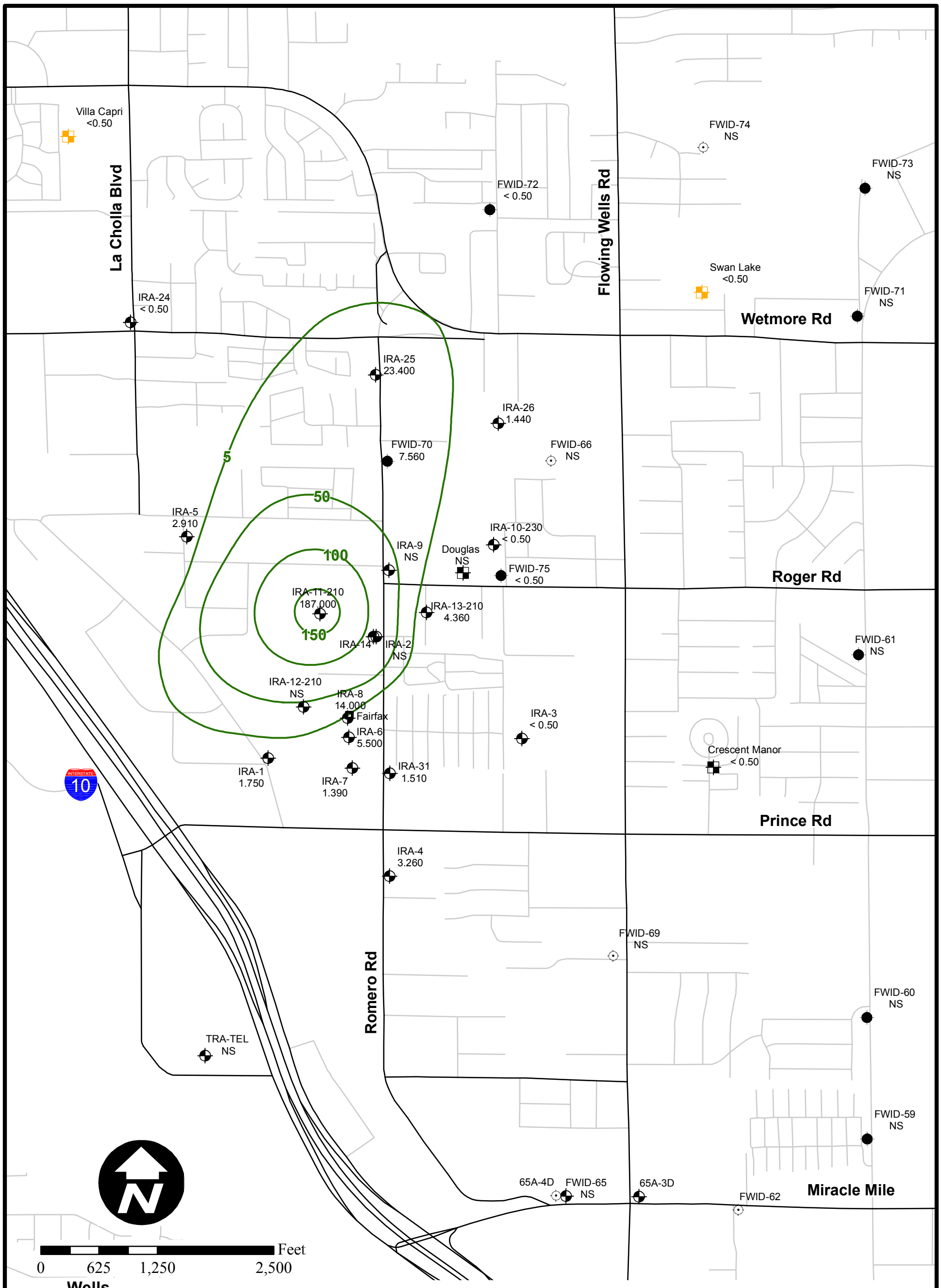
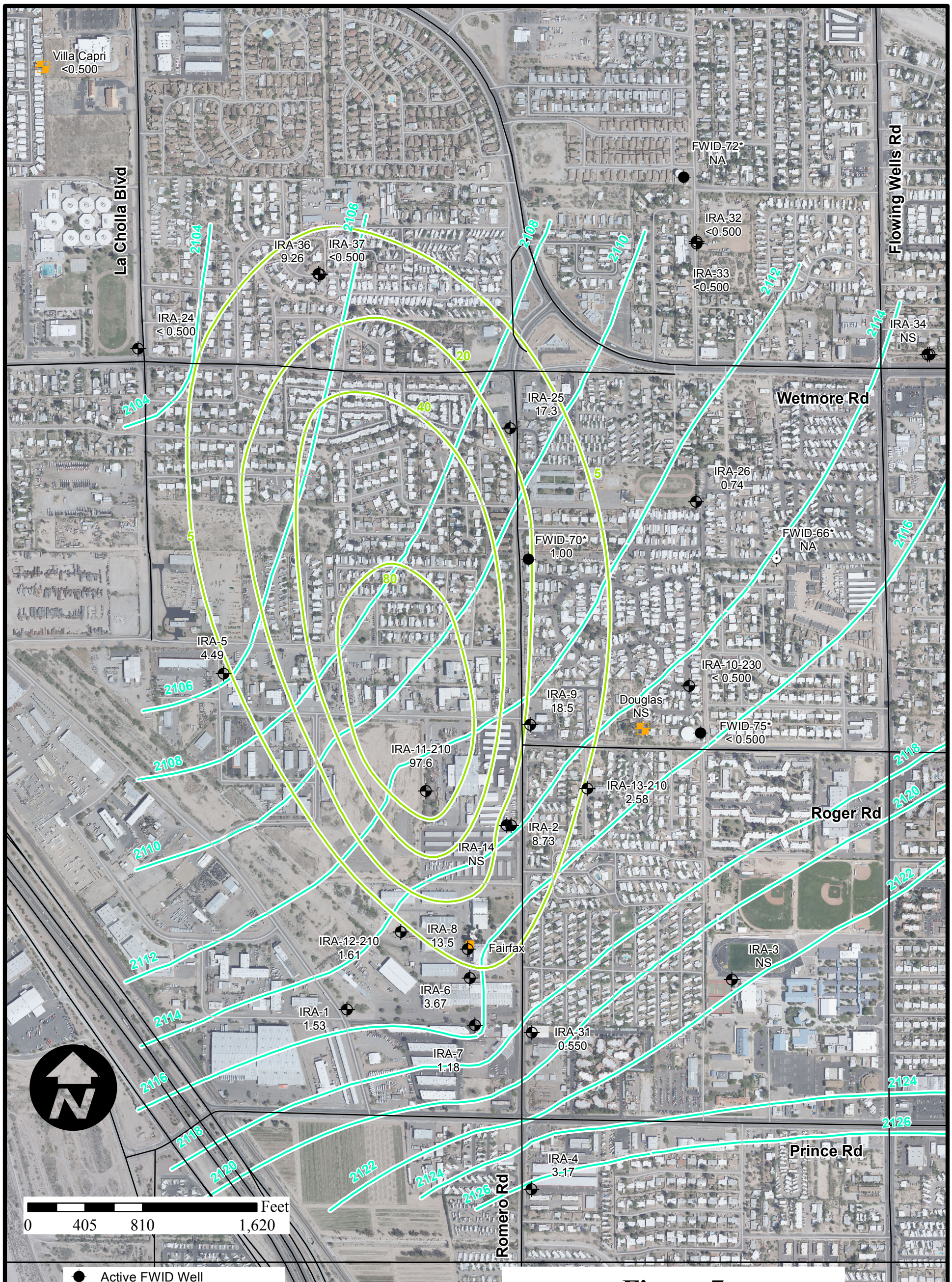


Figure 6
Regional Aquifer TCE Concentration Map
October 2010
Miracle Mile WQARF Site
Tucson, Arizona



Active FWID Well

Inactive FWID Well

Private Well

Abandoned Well

Regional Monitor Well

Groundwater Elevation Contour

TCE Contour (ug/L)

NS: Was not sampled at this time

NA: Not applicable, wells are not sampled

FWID-70*: FWID wells not used for contouring due to long screen intervals.

Figure 7
Regional Aquifer TCE Concentration Map (ug/L)
December 2011
Miracle Mile WQARF Site
Tucson, Arizona

ADEQ Arizona Department of Environmental Quality

URS