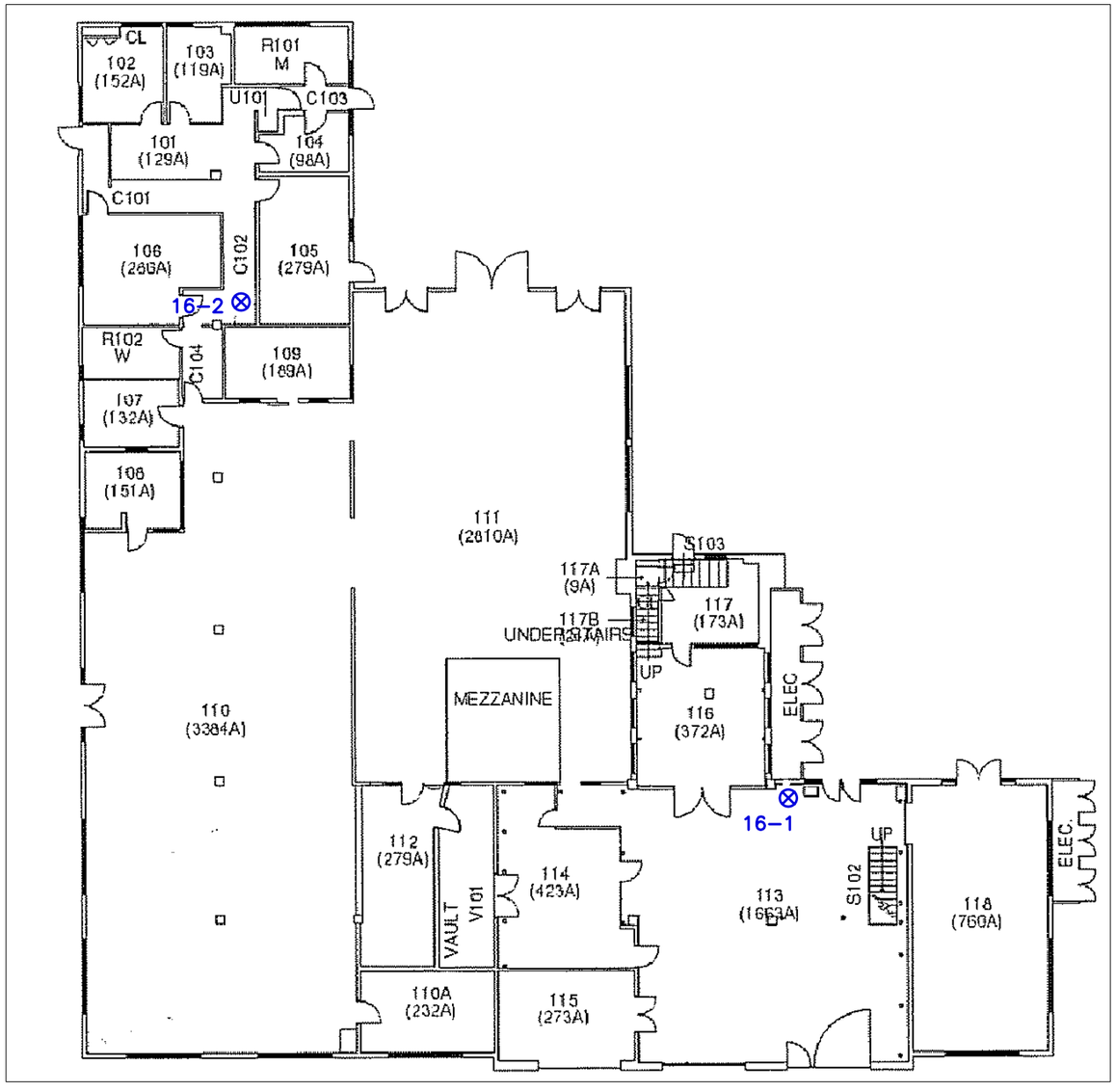


LEGEND:

⊗ 16-1 AMBIENT AIR SAMPLE

SAMPLE LOCATIONS
BUILDING 16
NASA AMES RESEARCH CENTER
MOFFET FIELD, CALIFORNIA

PREPARED FOR

MEW COMPANIES AND
NASA AMES RESEARCH CENTER

REFERENCE:

- MACTEC
  TITLED: SAMPLE LOCATIONS, FIRST FLOOR BUILDING 16
  JOB NO. 4086030001 11, PLATE 4
  DATED: APRIL 2003, REVISED DECEMBER 2004

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
1	31 JUL 06	ISSUED FOR REPORT	VZC	CC	JDR

Locus TECHNOLOGIES

SCALE: N.T.S.

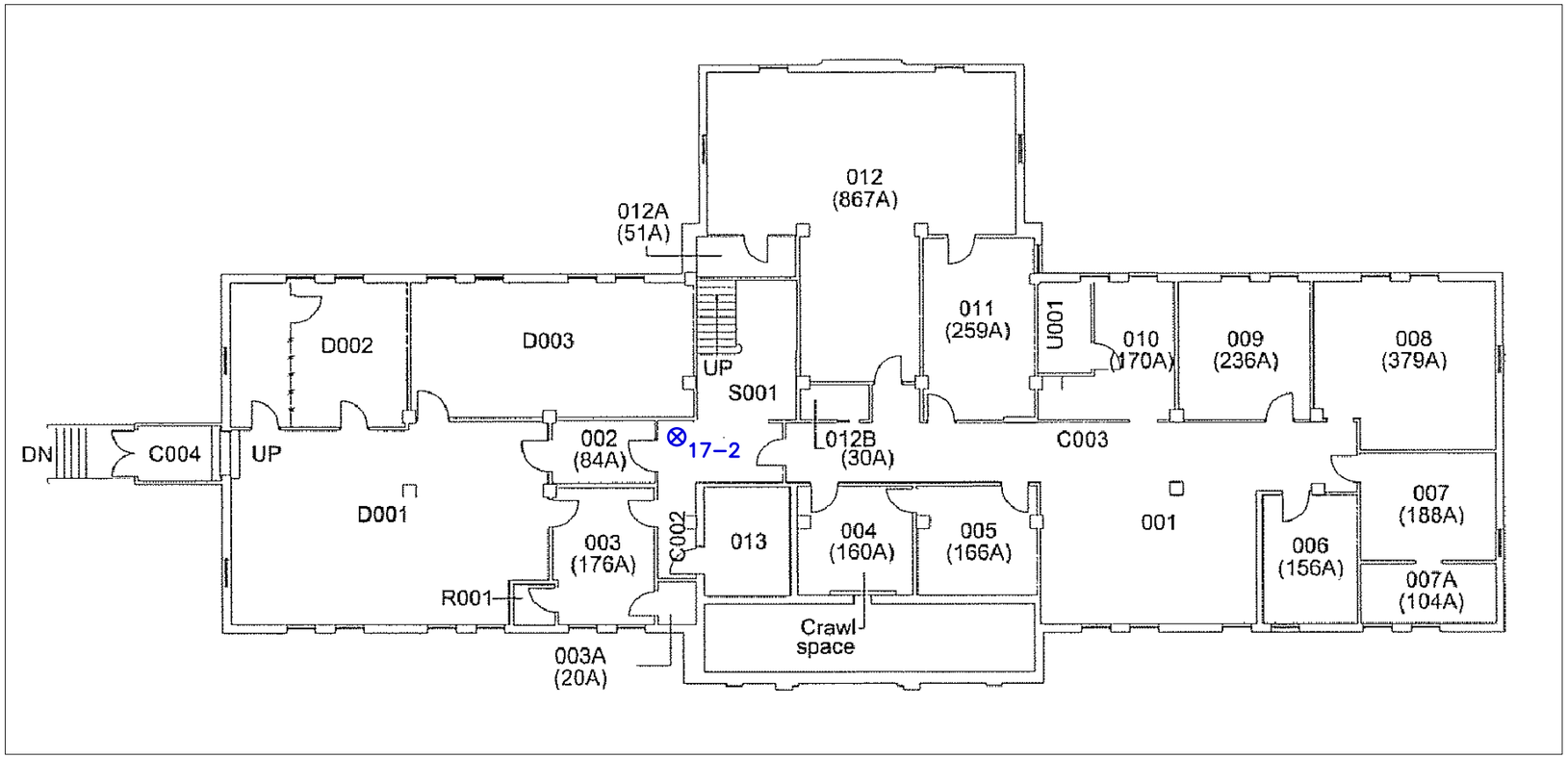
DRAWING NO. 23-007-B112

FIGURE 4-31

K:\23-007\B112.DWG 20 JUL 06

LEGEND:

⊗ 17–2 AMBIENT AIR SAMPLE



SAMPLE LOCATIONS, BUILDING 17 BASEMENT
NASA AMES RESEARCH CENTER
MOFFET FIELD, CALIFORNIA

PREPARED FOR

MEW COMPANIES AND
NASA AMES RESEARCH CENTER

REFERENCE:

– MACTEC
TITLED: SAMPLE LOCATIONS, FIRST FLOOR BUILDING 17
JOB NO. 4086030001 11, PLATE 5
DATED: APRIL 2003, REVISED DECEMBER 2004

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
1	31 JUL 06	ISSUED FOR REPORT	VZC	CC	JDR

Locus TECHNOLOGIES

SCALE: N.T.S.

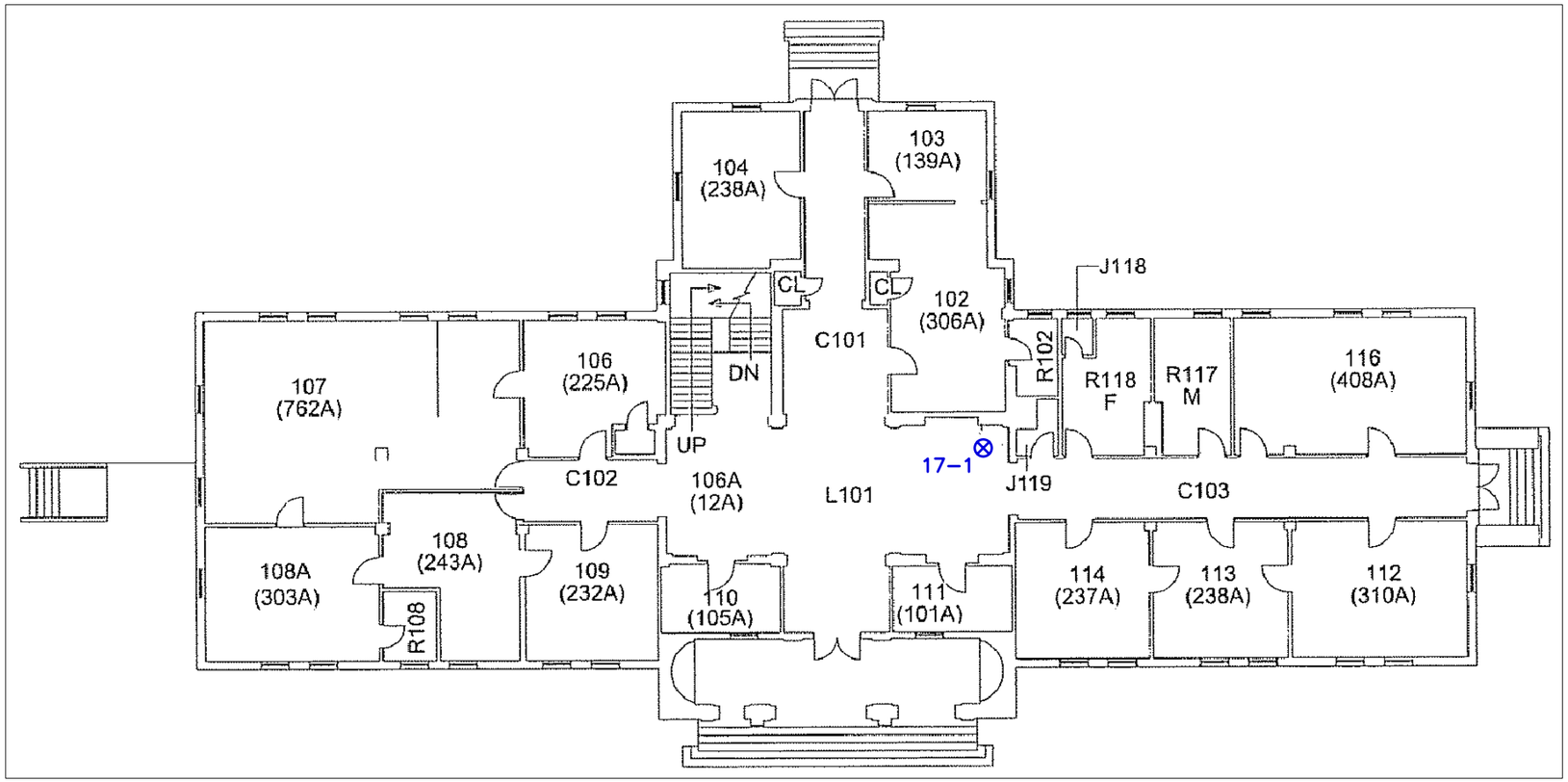
DRAWING NO. 23-007-B114

FIGURE 4–32

K:\23–007\B114.DWG 20 JUL 06

LEGEND:

⊗ 17–1 AMBIENT AIR SAMPLE



SAMPLE LOCATIONS, BUILDING 17 FIRST FLOOR
NASA AMES RESEARCH CENTER
MOFFET FIELD, CALIFORNIA

PREPARED FOR

MEW COMPANIES AND
NASA AMES RESEARCH CENTER

REFERENCE:

– MACTEC
TITLED: SAMPLE LOCATIONS, FIRST FLOOR BUILDING 17
JOB NO. 4086030001 11, PLATE 5
DATED: APRIL 2003, REVISED DECEMBER 2004

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
1	31 JUL 06	ISSUED FOR REPORT	VZC	CC	JDR

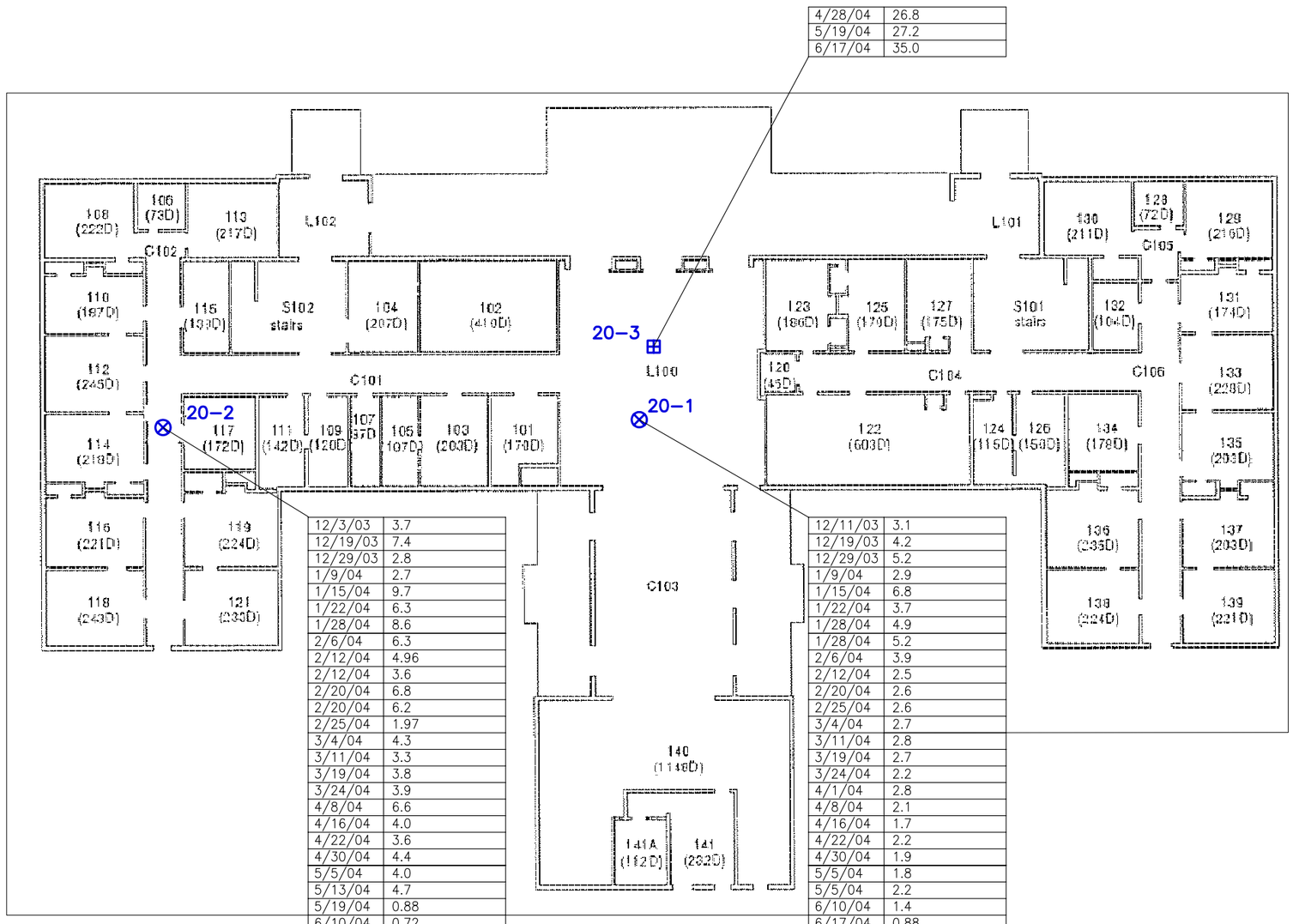
Locus TECHNOLOGIES

SCALE: N.T.S.

DRAWING NO. 23-007-B113

FIGURE 4–33

K:\23–007\B113.DWG 20 JUL 06



4/28/04	26.8
5/19/04	27.2
6/17/04	35.0

12/3/03	3.7
12/19/03	7.4
12/29/03	2.8
1/9/04	2.7
1/15/04	9.7
1/22/04	6.3
1/28/04	8.6
2/6/04	6.3
2/12/04	4.96
2/12/04	3.6
2/20/04	6.8
2/20/04	6.2
2/25/04	1.97
3/4/04	4.3
3/11/04	3.3
3/19/04	3.8
3/24/04	3.9
4/8/04	6.6
4/16/04	4.0
4/22/04	3.6
4/30/04	4.4
5/5/04	4.0
5/13/04	4.7
5/19/04	0.88
6/10/04	0.72
6/10/04	0.72
6/17/04	0.19
6/23/04	1.1

12/11/03	3.1
12/19/03	4.2
12/29/03	5.2
1/9/04	2.9
1/15/04	6.8
1/22/04	3.7
1/28/04	4.9
1/28/04	5.2
2/6/04	3.9
2/12/04	2.5
2/20/04	2.6
2/25/04	2.6
3/4/04	2.7
3/11/04	2.8
3/19/04	2.7
3/24/04	2.2
4/1/04	2.8
4/8/04	2.1
4/16/04	1.7
4/22/04	2.2
4/30/04	1.9
5/5/04	1.8
5/5/04	2.2
6/10/04	1.4
6/17/04	0.88
6/17/04	0.93
6/23/04	2.2

LEGEND:

20–1 AMBIENT AIR SAMPLE

20–3 PATHWAY AIR SAMPLE

4/28/04	26.8

TCE CONCENTRATION

SAMPLE DATE

NOTES:

1. ALL RESULTS IN ug/m^3.

REFERENCE:

– MACTEC
TITLED: SAMPLE LOCATIONS,
BACHELOR OFFICER QUARTERS, BUILDING 20
JOB NO. 4086030001 11, PLATE 7
DATED: APRIL 2003, REVISED DECEMBER 2004

TCE CONCENTRATIONS
BUILDING 20
NASA AMES RESEARCH CENTER
MOFFET FIELD, CALIFORNIA

PREPARED FOR

MEW COMPANIES AND
NASA AMES RESEARCH CENTER

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
1	31 JUL 06	ISSUED FOR REPORT	VZC	CC	JDR

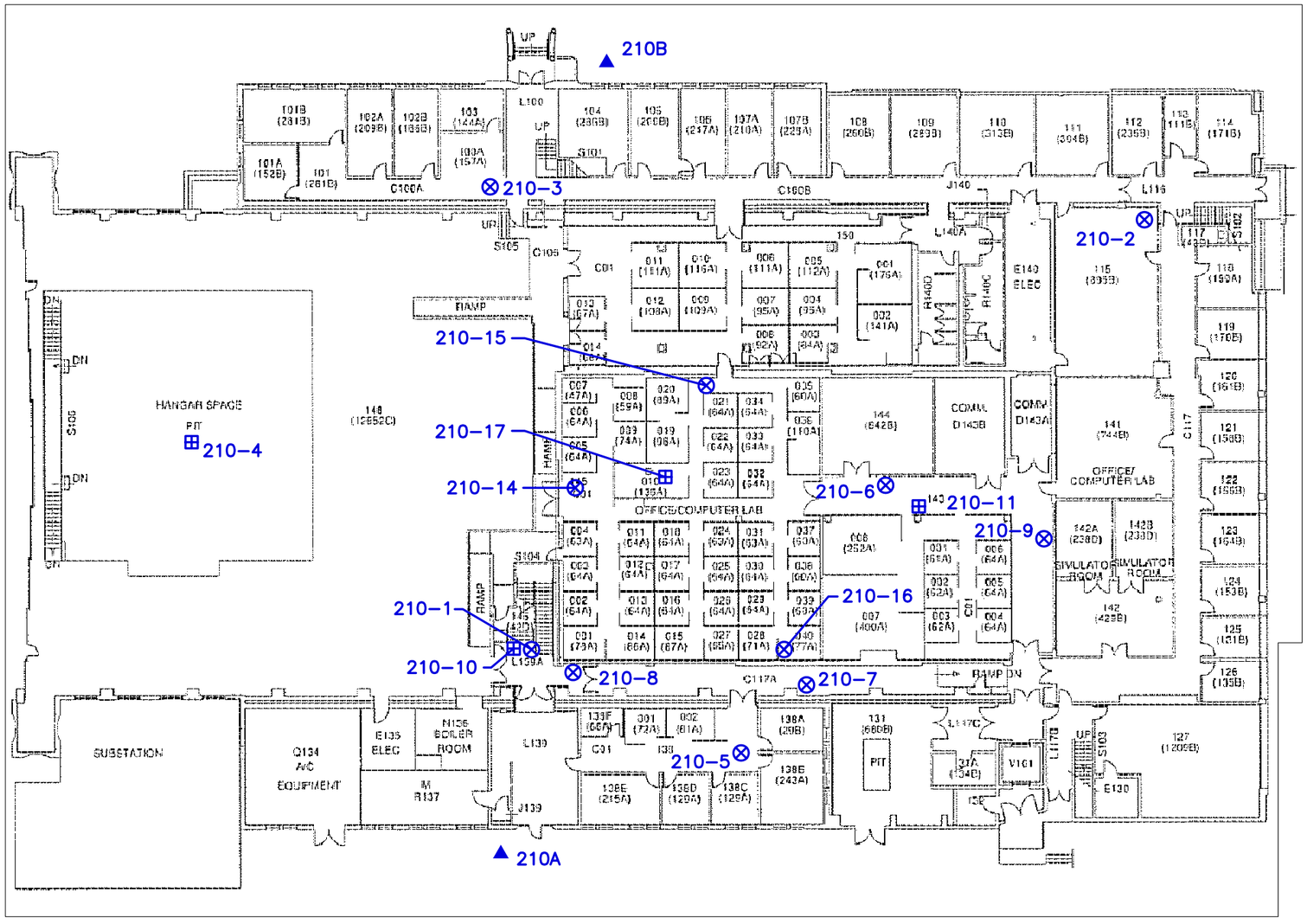
Locus TECHNOLOGIES

SCALE: N.T.S.

DRAWING NO. 23-007-B115

FIGURE 4–34

K:\23–007\B114.DWG 20 JUL 06



LEGEND:

- ⊗ 210–6 AMBIENT AIR SAMPLE
- ⊞ 210–4 PATHWAY AIR SAMPLE
- ▲ 210A OUTDOOR AIR SAMPLE

SAMPLE LOCATIONS
BUILDING N210 FIRST FLOOR
NASA AMES RESEARCH CENTER
MOFFET FIELD, CALIFORNIA

PREPARED FOR

MEW COMPANIES AND NASA AMES RESEARCH CENTER

REFERENCE:

– AMES RESEARCH CENTER
TITLED: FLIGHT SYSTEM RESEARCH LAB, FLOOR 1
DATED: DECEMBER 1999, BLDG. NO. N210

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
1	31 JUL 06	ISSUED FOR REPORT	VZC	CC	JDR

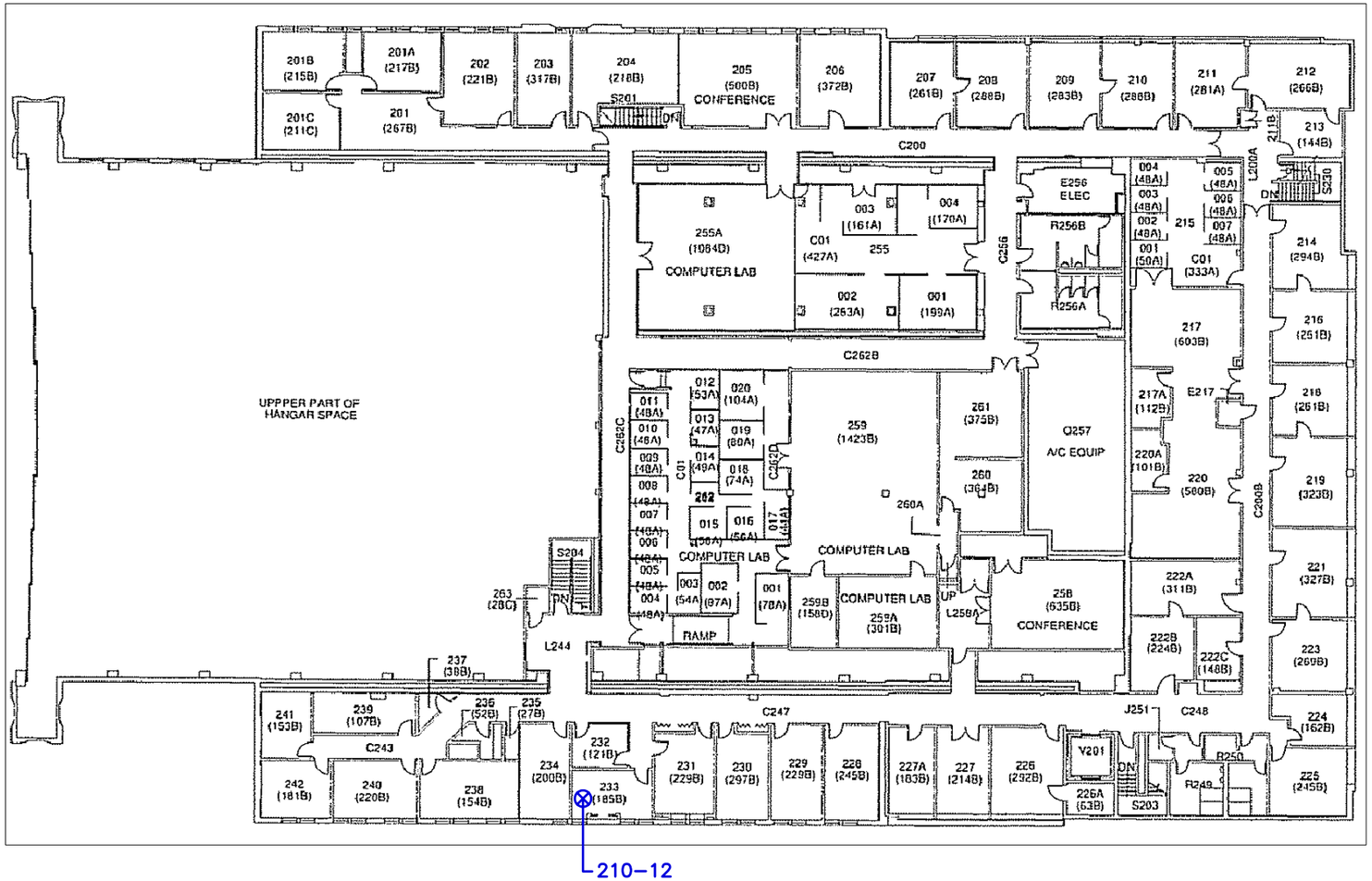
Locus TECHNOLOGIES

SCALE: N.T.S.

DRAWING NO. 23-007-B118

FIGURE 4–35

K:\23–007\B117.DWG 20 JUL 06



LEGEND:

⊗ 210-12 AMBIENT AIR SAMPLE

REFERENCE:

- AMES RESEARCH CENTER
  TITLED: FLIGHT SYSTEM RESEARCH LAB, FLOOR 2
  DATED: DECEMBER 1999, BLDG. NO. N210

SAMPLE LOCATIONS
BUILDING N210 SECOND FLOOR
NASA AMES RESEARCH CENTER
MOFFET FIELD, CALIFORNIA

PREPARED FOR

MEW COMPANIES AND NASA AMES RESEARCH CENTER

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
1	31 JUL 06	ISSUED FOR REPORT	VZC	CC	JDR

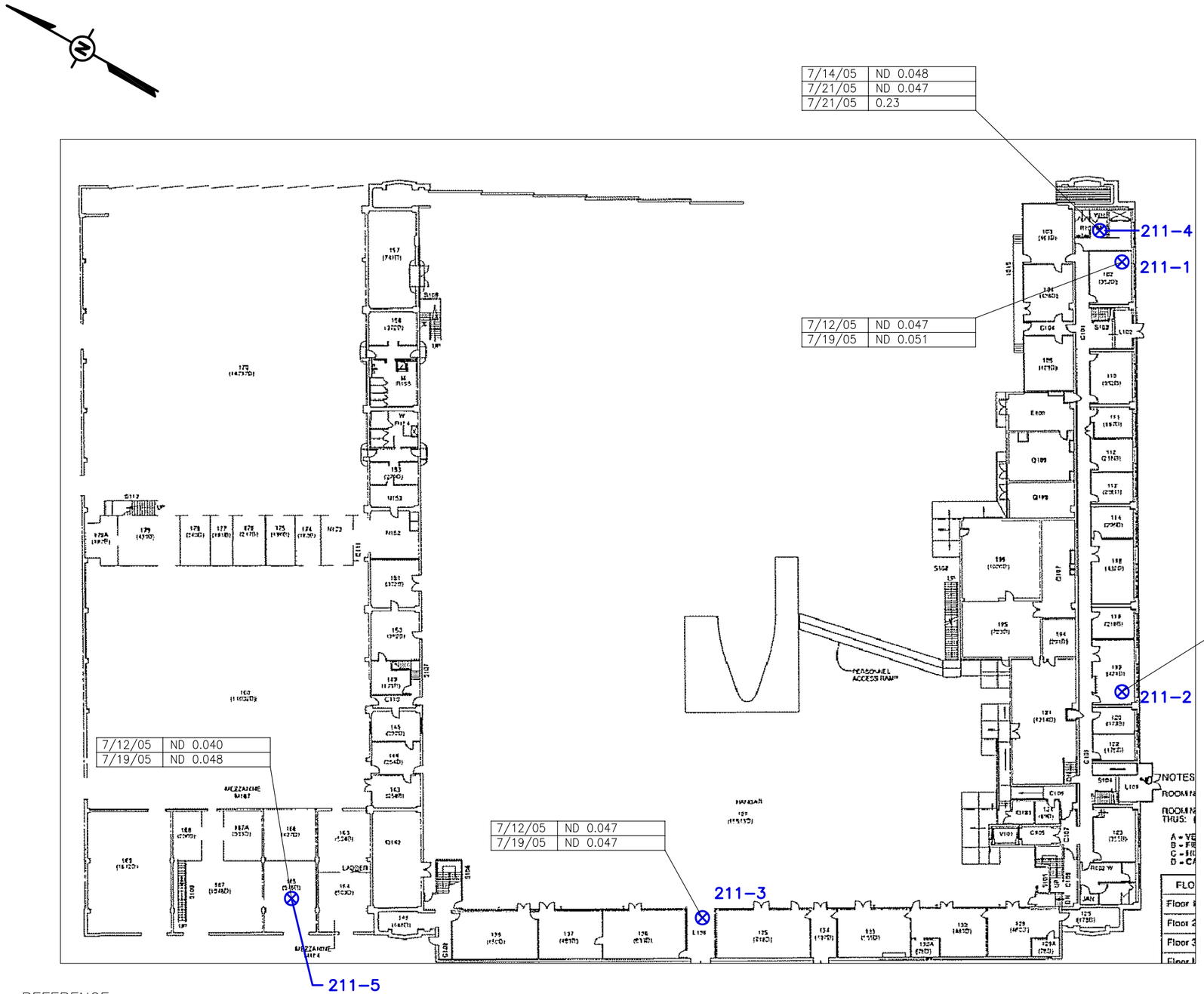
Locus TECHNOLOGIES

SCALE: N.T.S.

DRAWING NO. 23-007-B119

FIGURE 4-36

K:\23-007\B119.DWG 20 JUL 06



LEGEND:

⊗ 211-1 AMBIENT AIR SAMPLE

⊞ 211-4 PATHWAY AIR SAMPLE

7/14/05	ND 0.048

TCE CONCENTRATION

SAMPLE DATE

NOTES:

1. ALL RESULTS IN ug/m^3.
2. ND DENOTES NOT DETECTED AT THE LEVEL SHOWN.

REFERENCE:

– AMES RESEARCH CENTER
TITLED: FLIGHT SUPPORT FACILITY, FLOOR 1
DATED: FEBRUARY 2001, BLDG. NO. N211

TCE CONCENTRATIONS
BUILDING N211 FIRST FLOOR
NASA AMES RESEARCH CENTER
MOFFET FIELD, CALIFORNIA

PREPARED FOR

MEW COMPANIES AND NASA AMES RESEARCH CENTER

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
1	31 JUL 06	ISSUED FOR REPORT	VZC	CC	JDR

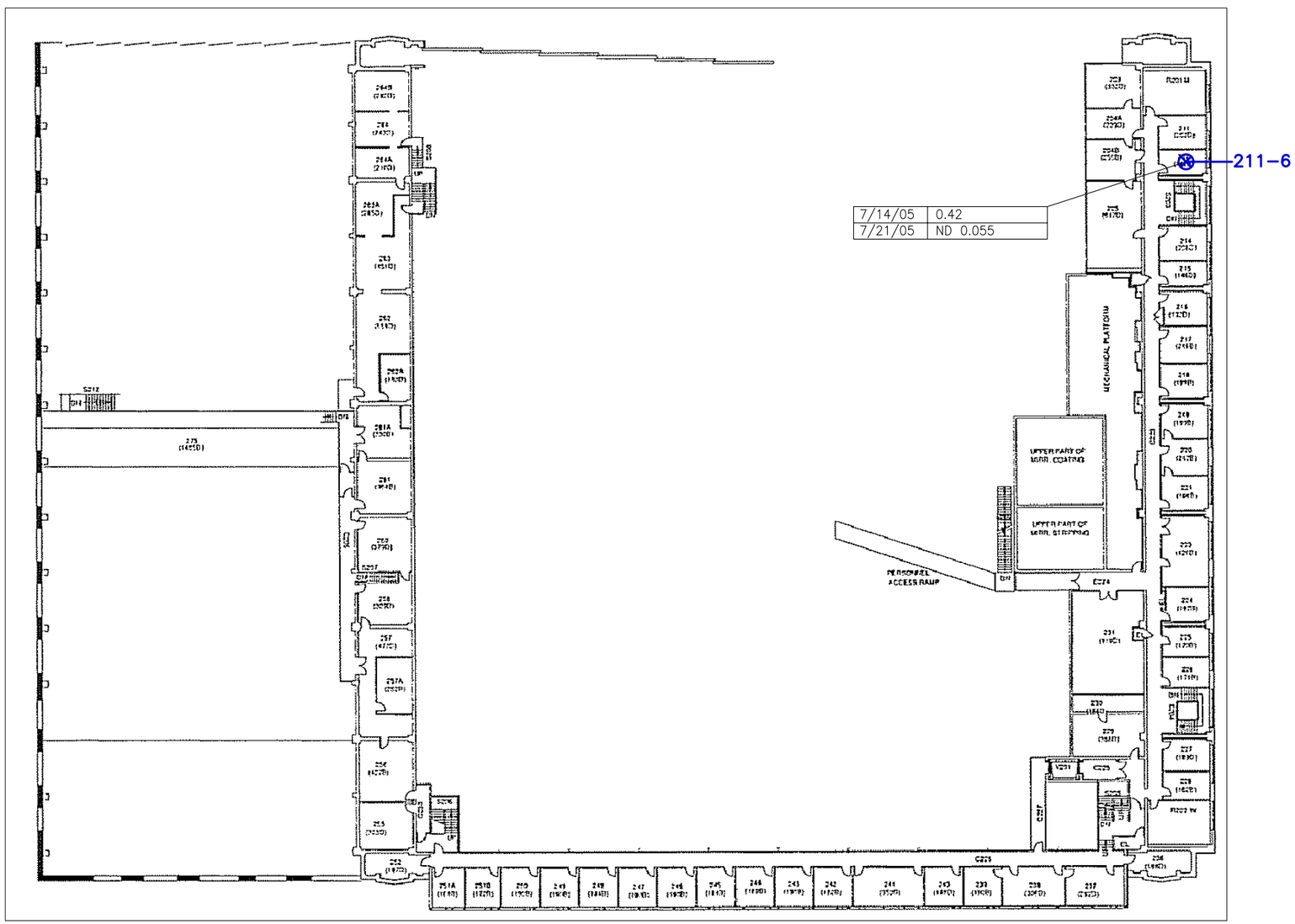
Locus TECHNOLOGIES

SCALE: N.T.S.

DRAWING NO. 23-007-B120

FIGURE 4-37

K:\23-007\B119.DWG 20 JUL 06



LEGEND:

⊗ 211–6 AMBIENT AIR SAMPLE

7/21/05	ND 0.055

TCE CONCENTRATION

SAMPLE DATE

NOTES:

1. ALL RESULTS IN ug/m^3.
2. ND DENOTES NOT DETECTED AT THE LEVEL SHOWN.

REFERENCE:

– AMES RESEARCH CENTER
TITLED: FLIGHT SUPPORT FACILITY, FLOOR 2
DATED: FEBRUARY 2001, BLDG. NO. N211

TCE CONCENTRATIONS
BUILDING N211 SECOND FLOOR
NASA AMES RESEARCH CENTER
MOFFET FIELD, CALIFORNIA

PREPARED FOR

MEW COMPANIES AND NASA AMES RESEARCH CENTER

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
1	31 JUL 06	ISSUED FOR REPORT	VZC	CC	JDR

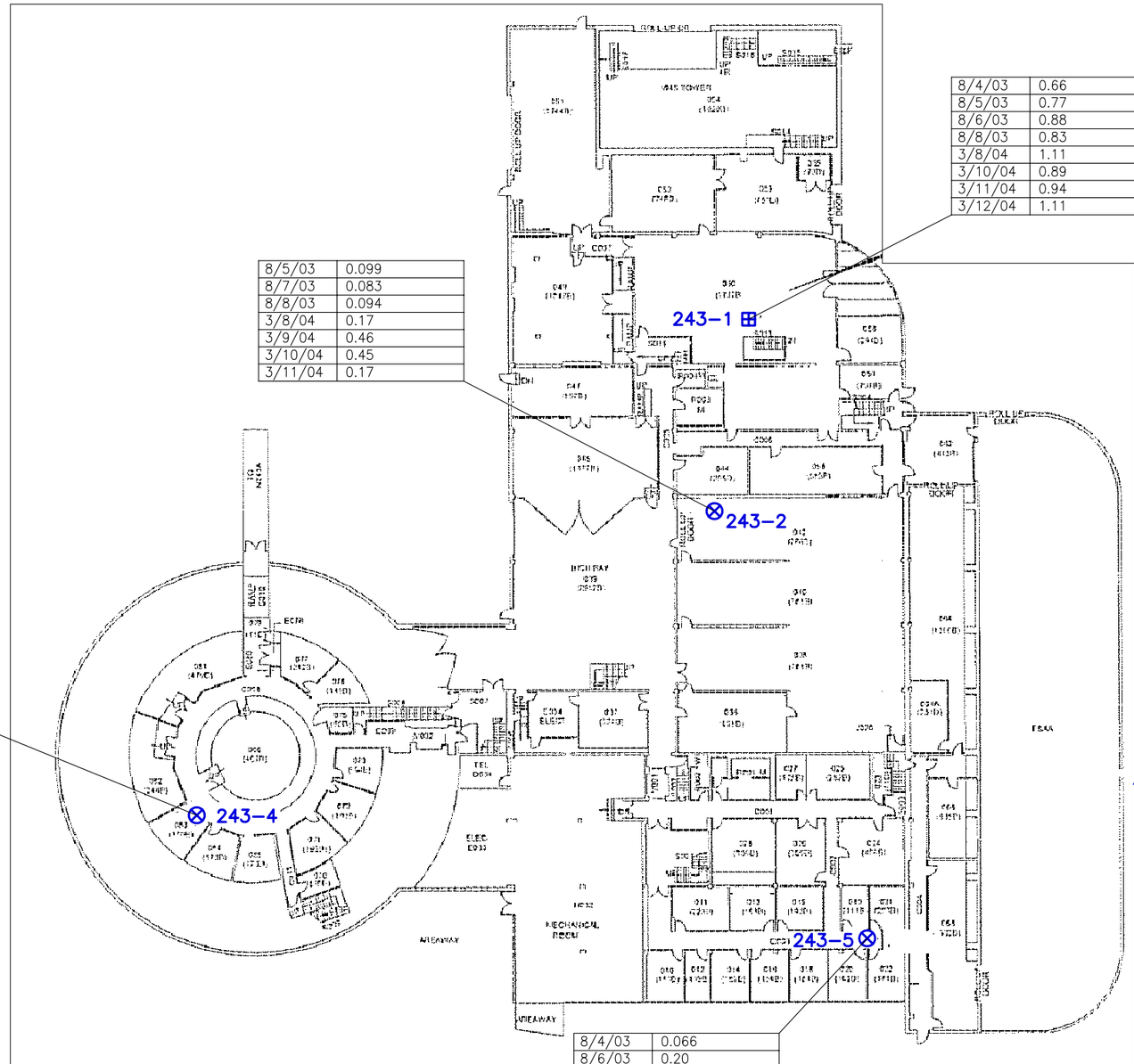
Locus TECHNOLOGIES

SCALE: N.T.S.

DRAWING NO. 23-007-B121

FIGURE 4–38

K:\23–007\B121.DWG 20 JUL 06



8/4/03	0.66
8/5/03	0.77
8/6/03	0.88
8/8/03	0.83
3/8/04	1.11
3/10/04	0.89
3/11/04	0.94
3/12/04	1.11

8/5/03	0.099
8/7/03	0.083
8/8/03	0.094
3/8/04	0.17
3/9/04	0.46
3/10/04	0.45
3/11/04	0.17

8/5/03	0.051
8/6/03	0.23
8/6/03	0.23
8/7/03	0.23
3/9/04	ND 0.010
3/10/04	0.36
3/11/04	0.32
3/12/04	0.30
3/12/04	0.29

8/4/03	0.047
8/4/03	0.044
8/5/03	0.183
8/8/03	0.067
3/9/04	0.411
3/10/04	0.50
3/11/04	0.45
3/12/04	0.37

8/4/03	0.066
8/6/03	0.20
8/7/03	0.25
8/8/03	0.083
8/8/03	0.099
3/8/04	0.29
3/9/04	0.26
3/9/04	0.22
3/11/04	0.41
3/12/04	0.39

LEGEND:

243-2 — AMBIENT AIR SAMPLE

243-1 — PATHWAY AIR SAMPLE

A243 — OUTDOOR AIR SAMPLE

8/4/03	0.66

TCE CONCENTRATION

SAMPLE DATE

NOTES:

1. ALL RESULTS IN ug/m^3.
2. ND DENOTES NOT DETECTED AT THE LEVEL SHOWN.

REFERENCE:

– MACTEC
TITLED: SAMPLE LOCATIONS, BASEMENT BUILDING N-243
JOB NO. 4086030001 11, PLATE 9
DATED: APRIL 2003, REVISED DECEMBER 2004

TCE CONCENTRATIONS
BUILDING N243 BASEMENT
NASA AMES RESEARCH CENTER
MOFFET FIELD, CALIFORNIA

PREPARED FOR

MEW COMPANIES AND NASA AMES RESEARCH CENTER

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
1	31 JUL 06	ISSUED FOR REPORT	VZC	CC	JDR

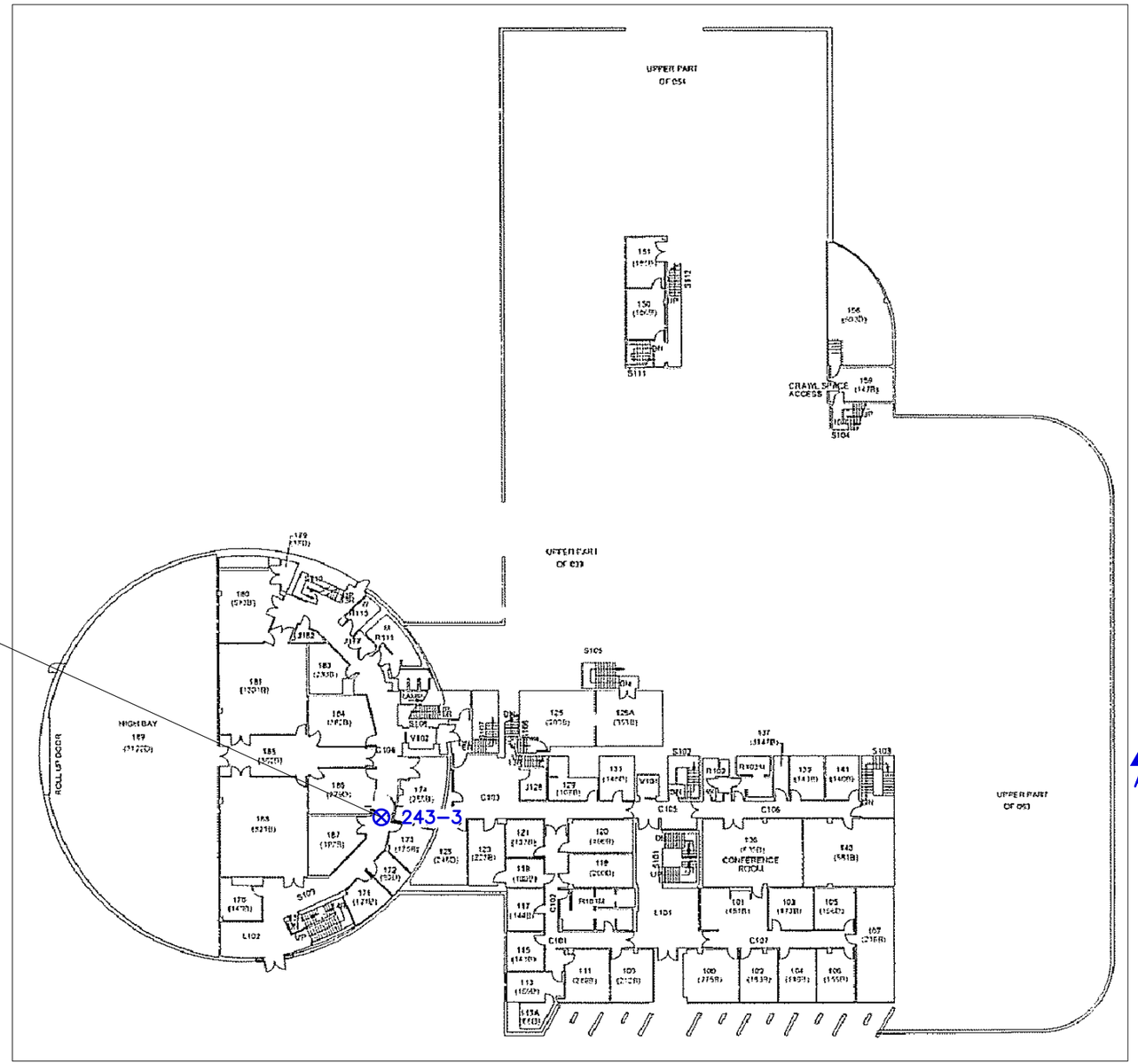
Locus TECHNOLOGIES

SCALE: N.T.S.

DRAWING NO. 23-007-B116

FIGURE 4-39

K:\23-007\B116.DWG 20 JUL 06



LEGEND:

⊗ 243-3 AMBIENT AIR SAMPLE

▲ A243 OUTDOOR AIR SAMPLE

8/4/03	0.094

TCE CONCENTRATION

SAMPLE DATE

NOTES:

1. ALL RESULTS IN ug/m^3.

8/4/03	0.44
8/5/03	0.061
8/5/03	0.066
8/7/03	0.20
8/8/03	0.083
3/8/04	0.28
3/9/04	0.26
3/10/04	0.33
3/10/04	0.34
3/12/04	0.27

8/4/03	0.047
8/4/03	0.044
8/5/03	0.183
8/8/03	0.067
3/9/04	0.411
3/10/04	0.50
3/11/04	0.45
3/12/04	0.37

TCE CONCENTRATIONS
BUILDING N243 FIRST FLOOR
NASA AMES RESEARCH CENTER
MOFFET FIELD, CALIFORNIA

PREPARED FOR

MEW COMPANIES AND
NASA AMES RESEARCH CENTER

REFERENCE:

- MACTEC
  TITLED: SAMPLE LOCATIONS, BASEMENT BUILDING N-243
  JOB NO. 4086030001 11, PLATE 9
  DATED: APRIL 2003, REVISED DECEMBER 2004

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
1	31 JUL 06	ISSUED FOR REPORT	VZC	CC	JDR

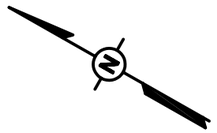
Locus TECHNOLOGIES

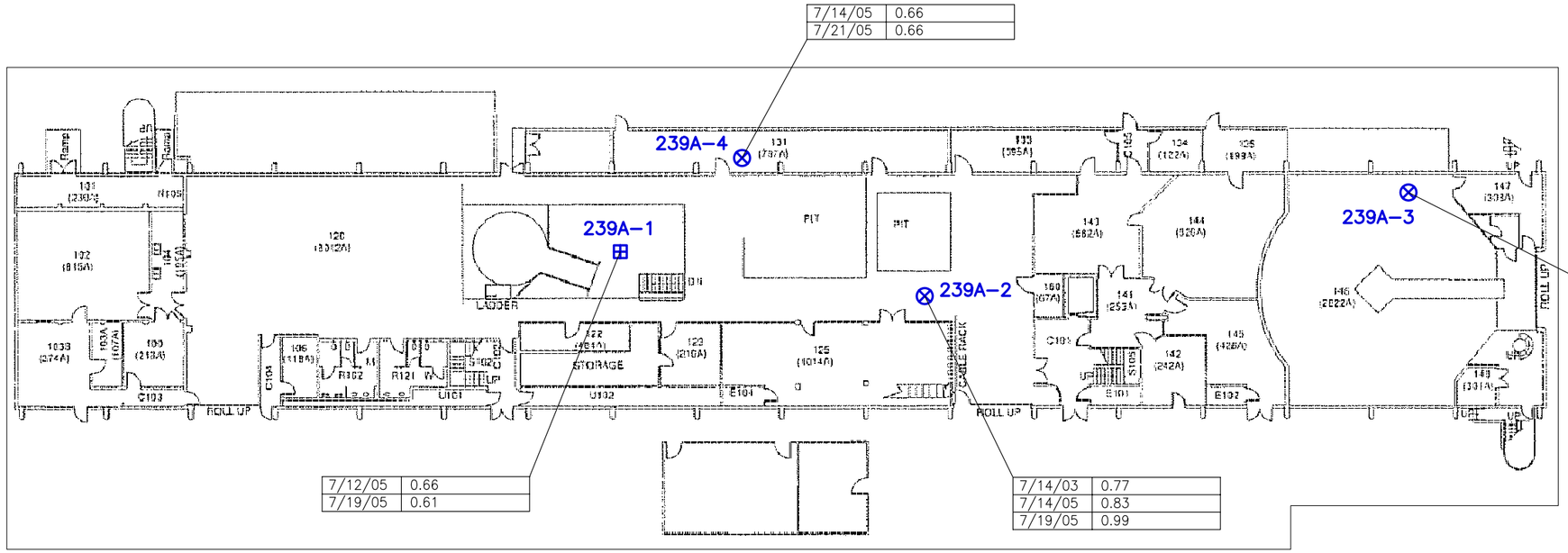
SCALE: N.T.S.

DRAWING NO. 23-007-B117

FIGURE 4-40

K:\23-007\B117.DWG 20 JUL 06





7/14/05	0.66
7/21/05	0.66

7/12/05	0.61
7/19/05	0.45

7/12/05	0.66
7/19/05	0.61

7/14/03	0.77
7/14/05	0.83
7/19/05	0.99

LEGEND:

239A-4 — AMBIENT AIR SAMPLE

239A-1 — PATHWAY AIR SAMPLE

7/12/05	0.66

0.66 — TCE CONCENTRATION

7/12/05 — SAMPLE DATE

NOTES:

1. ALL RESULTS IN ug/m^3.

REFERENCE:

- AMES RESEARCH CENTER
  TITLED: LIFE SCI. LAB. HIGH BAY, FLOOR 1
  DATED: JUNE 2001, BLDG. NO. N239A

TCE CONCENTRATIONS
BUILDING N239A
NASA AMES RESEARCH CENTER
MOFFET FIELD, CALIFORNIA

PREPARED FOR

MEW COMPANIES AND
NASA AMES RESEARCH CENTER

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
1	31 JUL 06	ISSUED FOR REPORT	VZC	CC	JDR

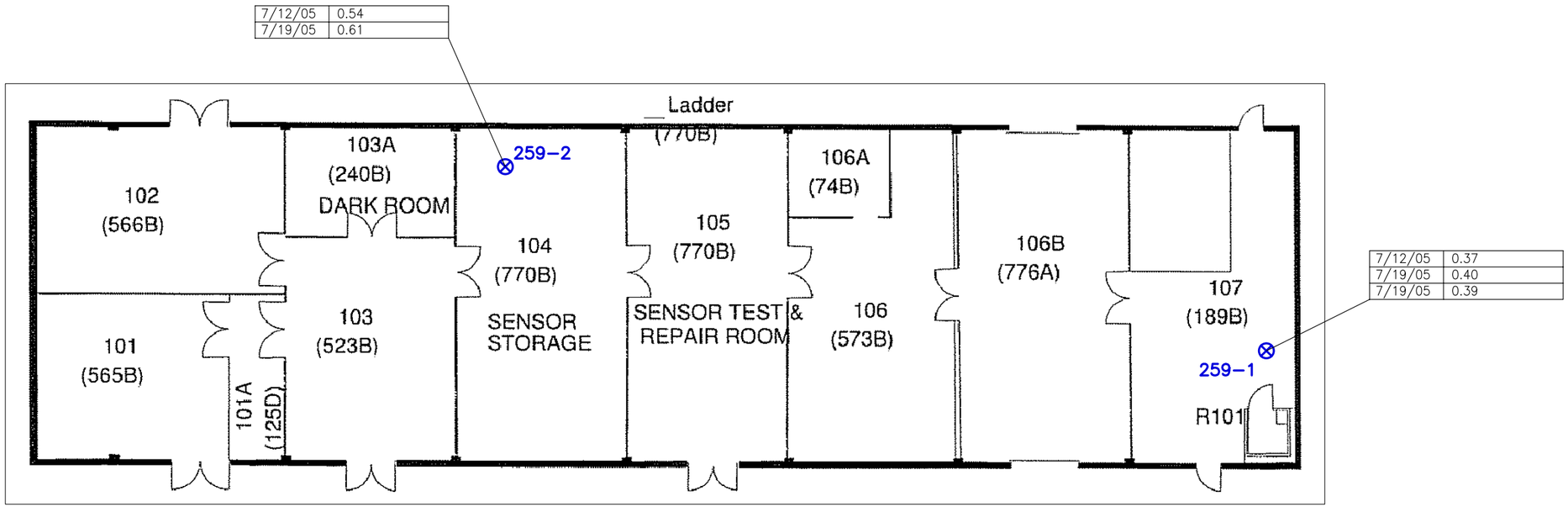
Locus TECHNOLOGIES

SCALE: N.T.S.

DRAWING NO. 23-007-B122

FIGURE 4-41

K:\23-007\B122.DWG 20 JUL 06



LEGEND:

259–1 AMBIENT AIR SAMPLE

7/12/05	0.37

TCE CONCENTRATION

SAMPLE DATE

NOTES:

1. ALL RESULTS IN ug/m^3.

REFERENCE:

– AMES RESEARCH CENTER
TITLED: AIRCRAFT OPERATIONS SUPPORT FACILITY, FLOOR 1
DATED: FEBRUARY 1995, BLDG. NO. N259

TCE CONCENTRATIONS
BUILDING N259
NASA AMES RESEARCH CENTER
MOFFET FIELD, CALIFORNIA

PREPARED FOR

MEW COMPANIES AND
NASA AMES RESEARCH CENTER

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
1	31 JUL 06	ISSUED FOR REPORT	VZC	CC	JDR

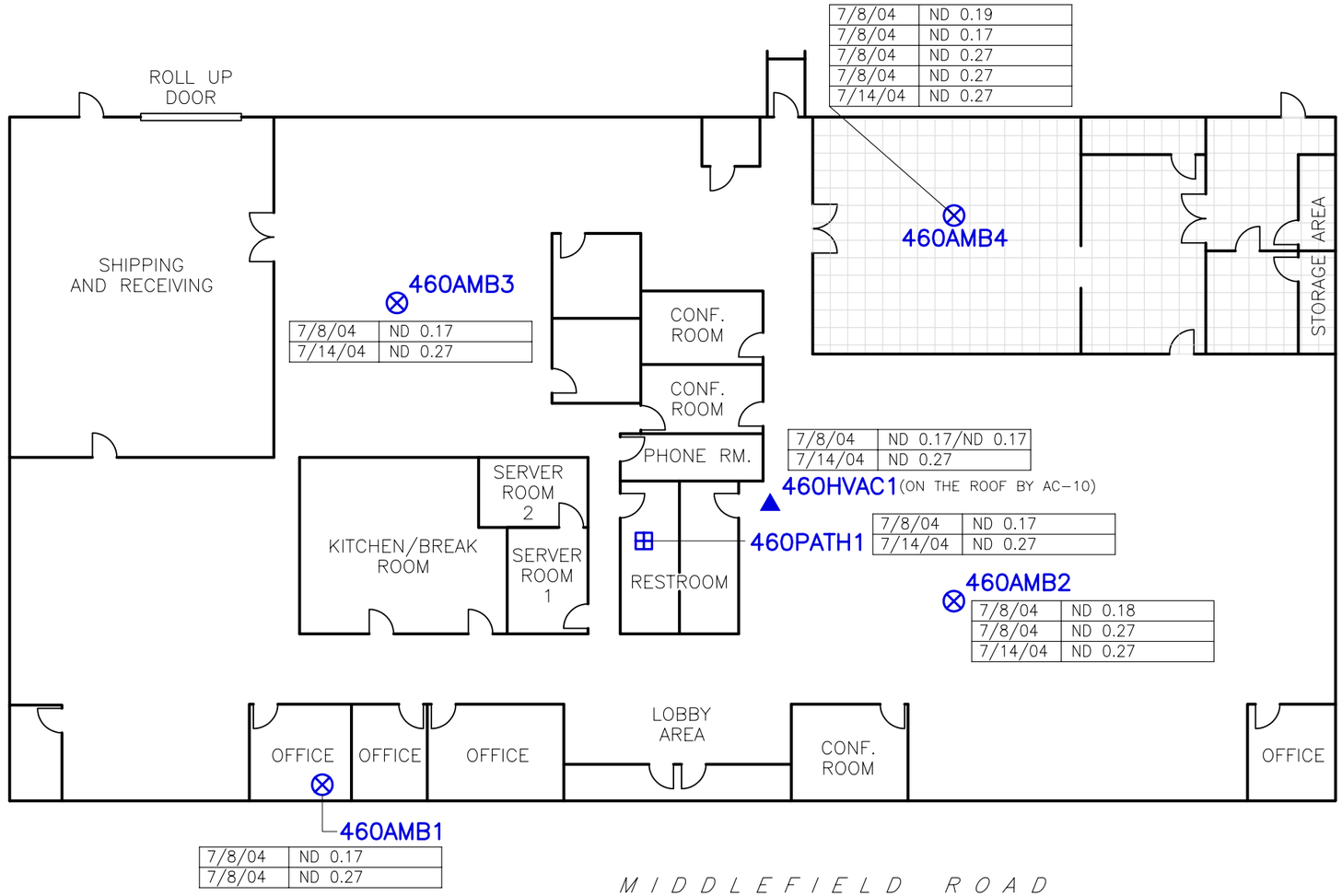
Locus TECHNOLOGIES

SCALE: N.T.S.

DRAWING NO. 23-007-B123

FIGURE 4–42

K:\23–007\B123.DWG 20 JUL 06



LEGEND:

460AMB1 — AMBIENT AIR SAMPLE

460PATH1 — PATHWAY AIR SAMPLE

460HVAC1 — OUTDOOR HVAC INLET AIR SAMPLE

TILE FLOOR

10/2/03	ND 0.18/ND 0.18	LAB DUPLICATE RESULT
		TCE CONCENTRATION
		SAMPLE DATE

NOTES:

1. ALL RESULTS IN ug/m^3.
2. ND DENOTES NOT DETECTED AT THE LEVEL SHOWN.

SCALE

20 0 20 FEET

TCE CONCENTRATIONS
460 E. MIDDLEFIELD ROAD
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

MEW COMPANIES

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
1	31 JUL 06	ISSUED FOR REPORT	RP/VZC	CC	JDR

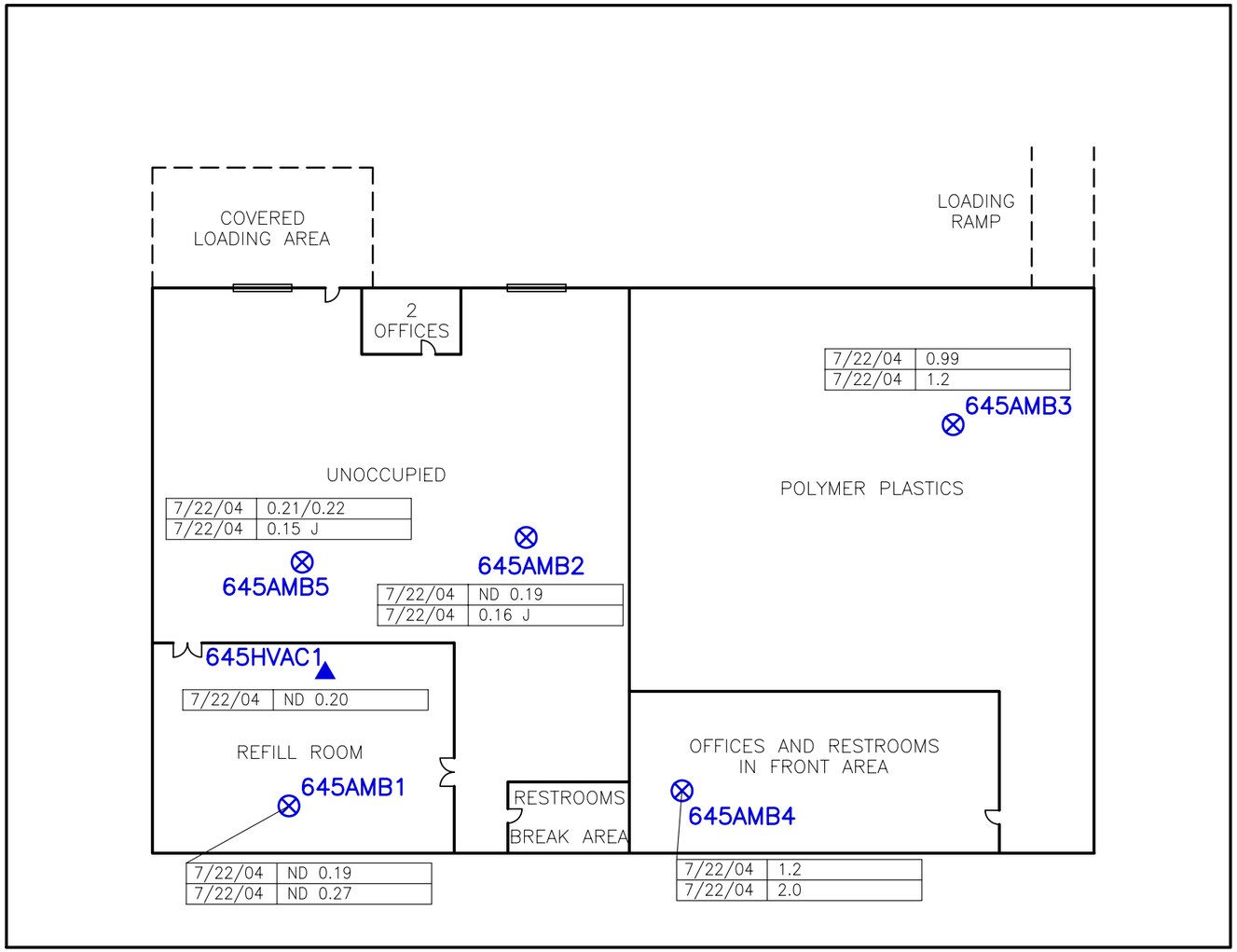
Locus TECHNOLOGIES

SCALE: AS SHOWN

DRAWING NO. 23-007-B103

FIGURE 4-43

K:\23-007\B103.DWG 14 JUL 06



LEGEND:

645AMB1 — AMBIENT AIR SAMPLE

645HVAC1 — OUTDOOR HVAC AIR SAMPLE

10/2/03	ND 0.18/ND 0.18

- LAB DUPLICATE RESULT
- TCE CONCENTRATION
- SAMPLE DATE

NOTES:

1. ALL RESULTS IN ug/m^3.
2. ND DENOTES NOT DETECTED AT THE LEVEL SHOWN, J DENOTES AN ESTIMATED VALUE.

SCALE

30 0 30 FEET

TCE CONCENTRATIONS
645 NATIONAL AVENUE
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

MEW COMPANIES

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
1	31 JUL 06	ISSUED FOR REPORT	RP/VZC	CC	JDR

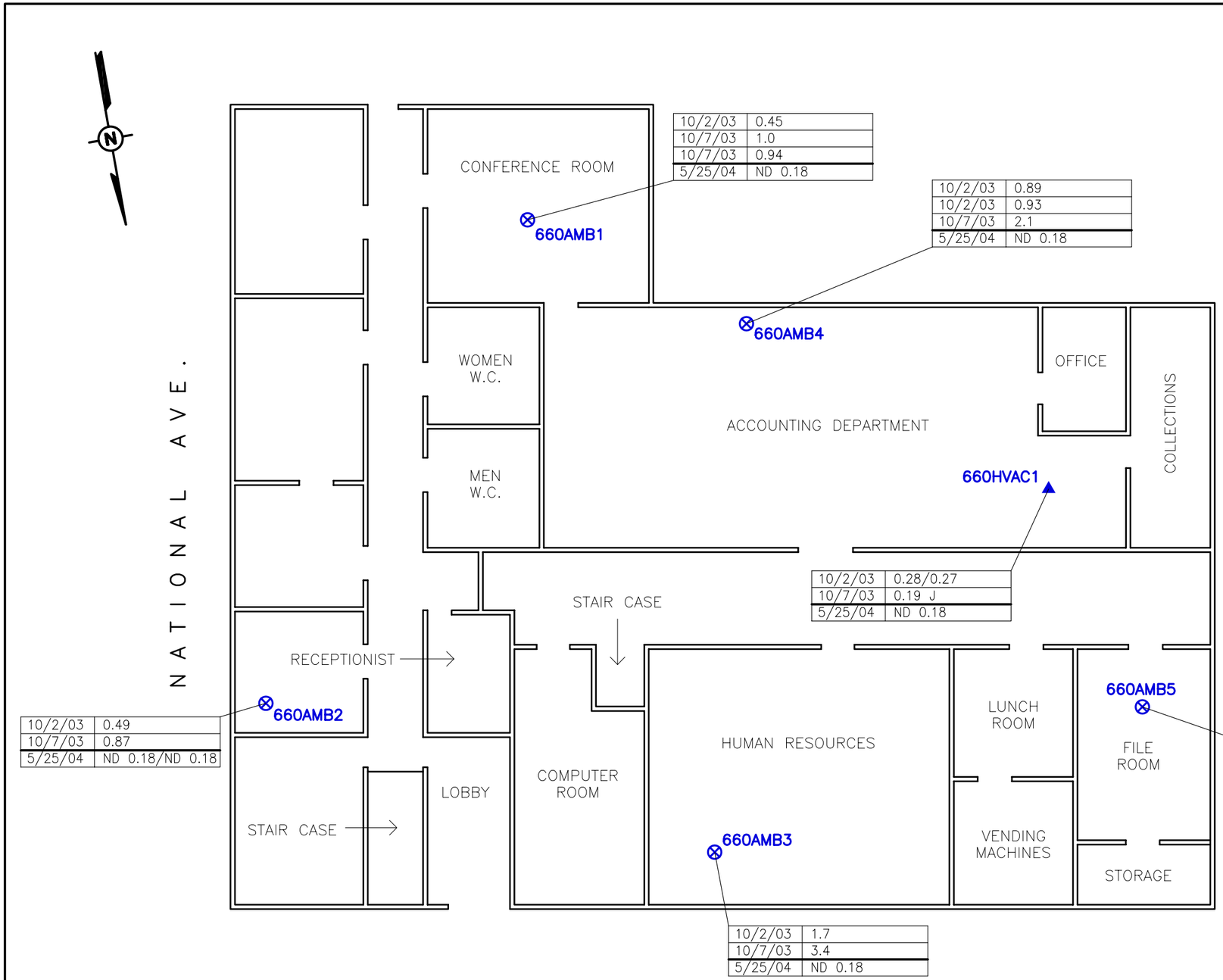
Locus TECHNOLOGIES

SCALE: AS SHOWN

DRAWING NO. 23-007-B104

FIGURE 4-44

K:\23-007\B104.DWG 14 JUL 06



10/2/03	0.45
10/7/03	1.0
10/7/03	0.94
5/25/04	ND 0.18

10/2/03	0.89
10/2/03	0.93
10/7/03	2.1
5/25/04	ND 0.18

10/2/03	0.28/0.27
10/7/03	0.19 J
5/25/04	ND 0.18

10/2/03	0.49
10/7/03	0.87
5/25/04	ND 0.18/ND 0.18

10/2/03	1.7
10/7/03	3.4
5/25/04	ND 0.18

10/2/03	5.7/5.3
10/2/03	4.5
10/7/03	9.0
10/7/03	8.6
5/25/04	ND 0.19
5/25/04	ND 0.19

LEGEND:

660AMB1 — AMBIENT AIR SAMPLE

660PATH1 — PATHWAY AIR SAMPLE

660HVAC1 — OUTDOOR HVAC INLET AIR SAMPLE

10/2/03	ND 0.18/ND 0.18	

- LAB DUPLICATE RESULT
- TCE CONCENTRATION
- SAMPLE DATE

NOTES:

1. ALL RESULTS IN ug/m^3.
2. ND DENOTES NOT DETECTED AT THE LEVEL SHOWN, J DENOTES AN ESTIMATED VALUE.
3. OWNER REFURBISHED THE VENTILATION SYSTEM IN MARCH 2004 TO ALLOW FOR MAKEUP AIR. SAMPLES COLLECTED IN MAY 2004 ARE AFTER THE SYSTEM WAS REFURBISHED.

TCE CONCENTRATIONS BEFORE AND AFTER REFURBISHING OF VENTILATION SYSTEM
660 NATIONAL AVENUE
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

MEW COMPANIES

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
1	31 JUL 06	ISSUED FOR REPORT	RP/VZC	CC	JDR

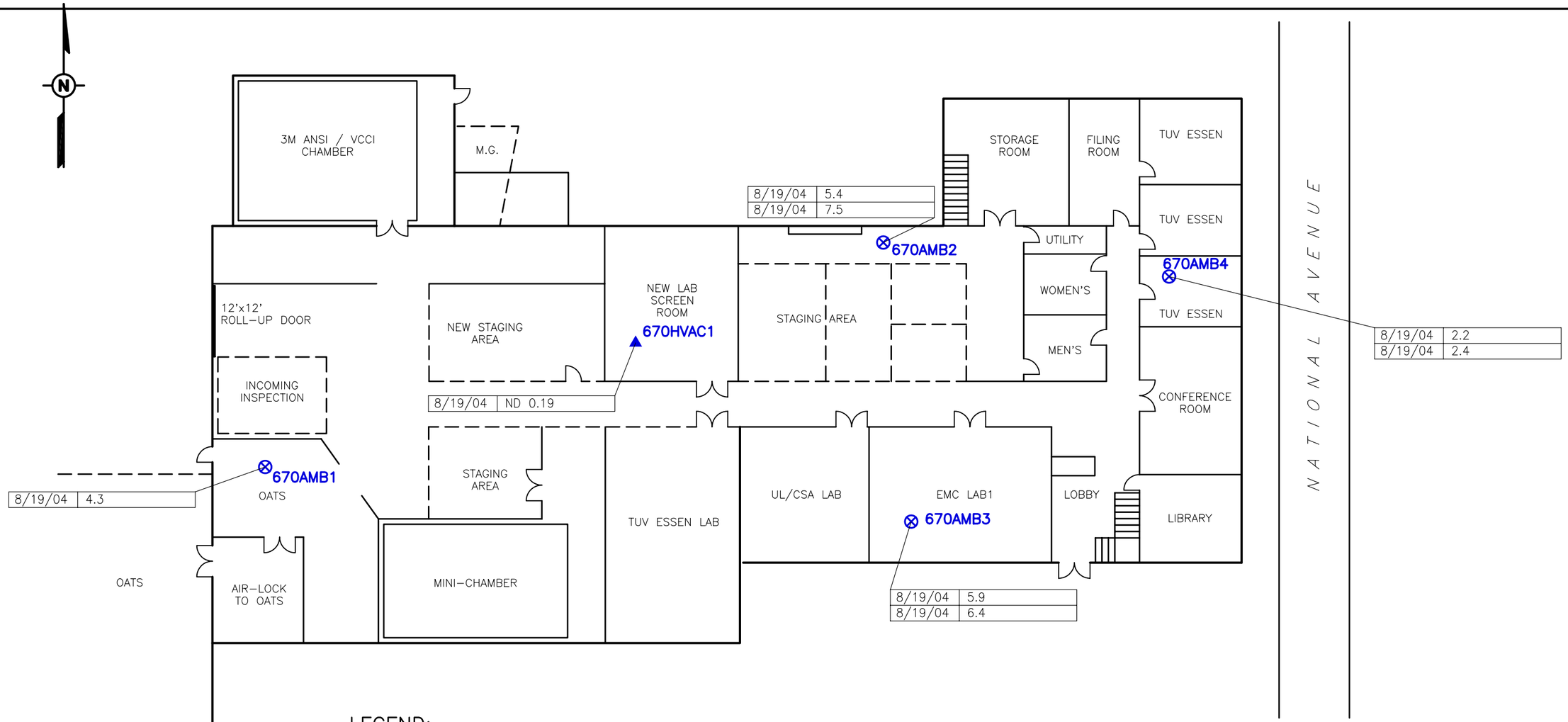
Locus TECHNOLOGIES

SCALE: N.T.S.

DRAWING NO. 23-007-B100

FIGURE 4–45

K:\23-007\B100.DWG 14 JUL 06



LEGEND:

670AMB1 — AMBIENT AIR SAMPLE

670HVAC1 — OUTDOOR HVAC INLET AIR SAMPLE

10/2/03	ND 0.18/ND 0.18

- LAB DUPLICATE RESULT
- TCE CONCENTRATION
- SAMPLE DATE

NOTES:

1. ALL RESULTS IN ug/m^3.

TCE CONCENTRATIONS
670 NATIONAL AVENUE
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

MEW COMPANIES

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
1	31 JUL 06	ISSUED FOR REPORT	RP/VZC	CC	JDR

Locus TECHNOLOGIES

SCALE: N.T.S.

DRAWING NO. 23-007-B105

FIGURE 4-46

K:\23-007-B105.DWG 14 JUL 06

Figure 4-47: Plot of TCE Concentrations
313 Fairchild Drive

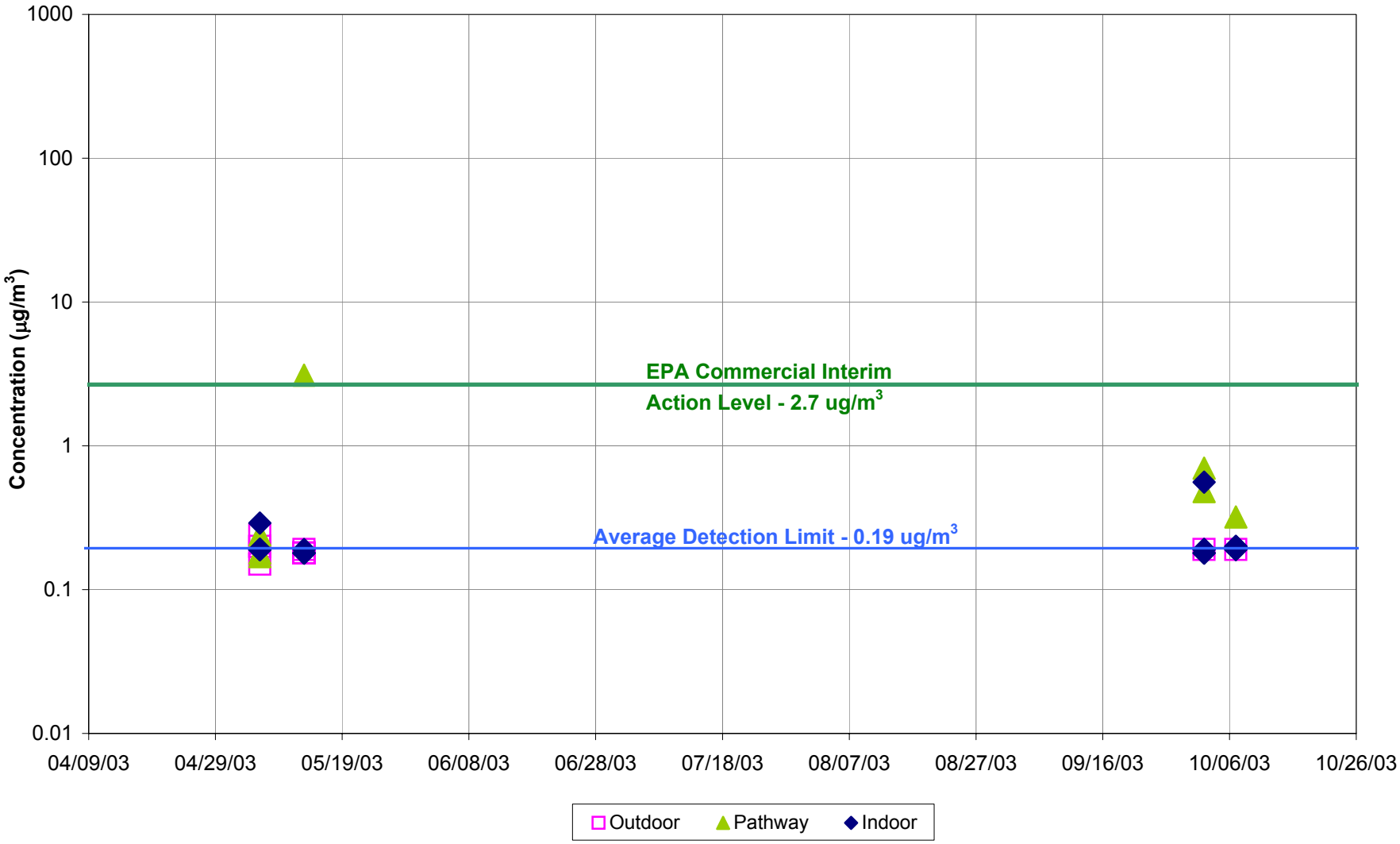


Figure 4-48: Plot of TCE Concentrations
323 Fairchild Drive

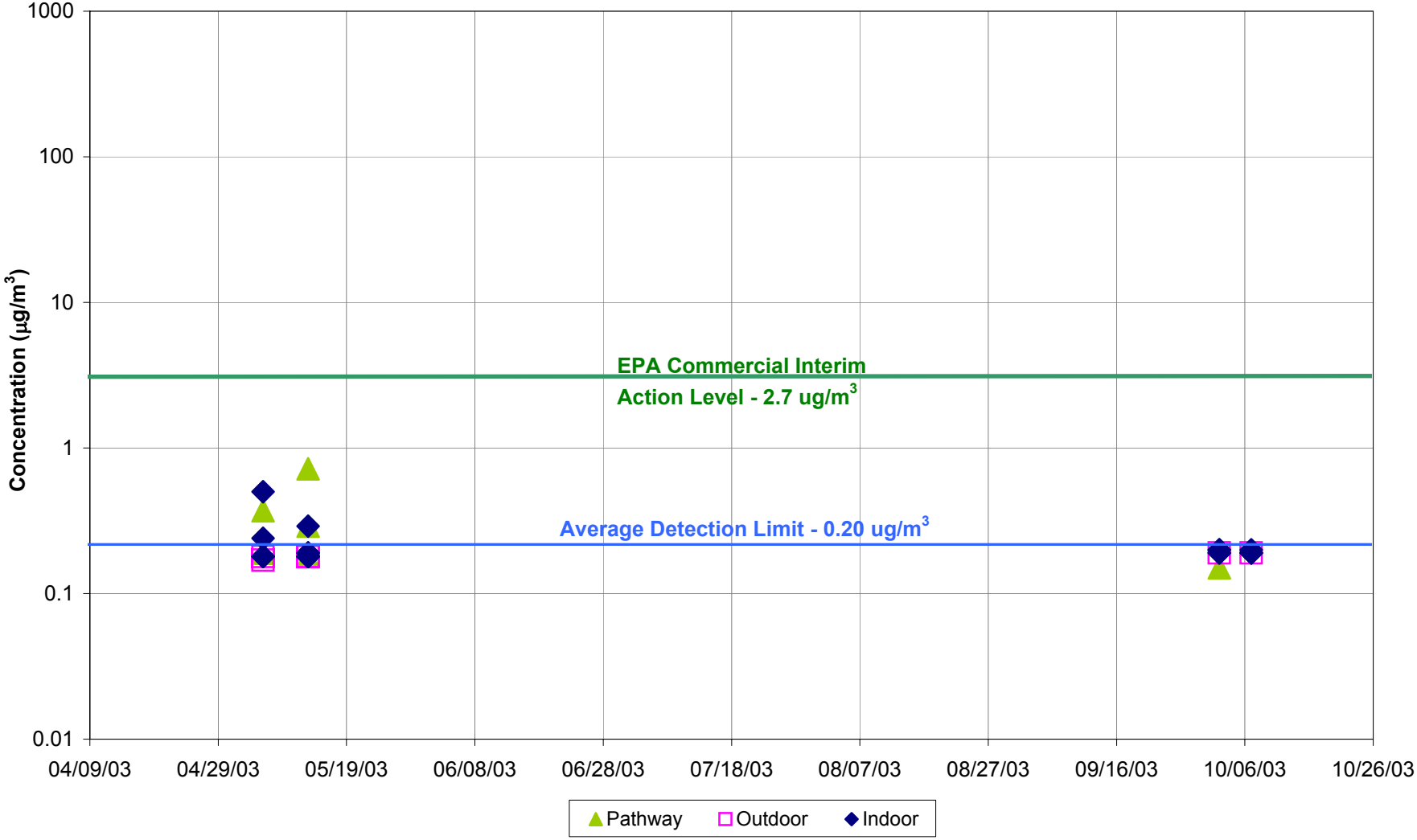


Figure 4-49: Plot of TCE Concentrations
369 N. Whisman Road

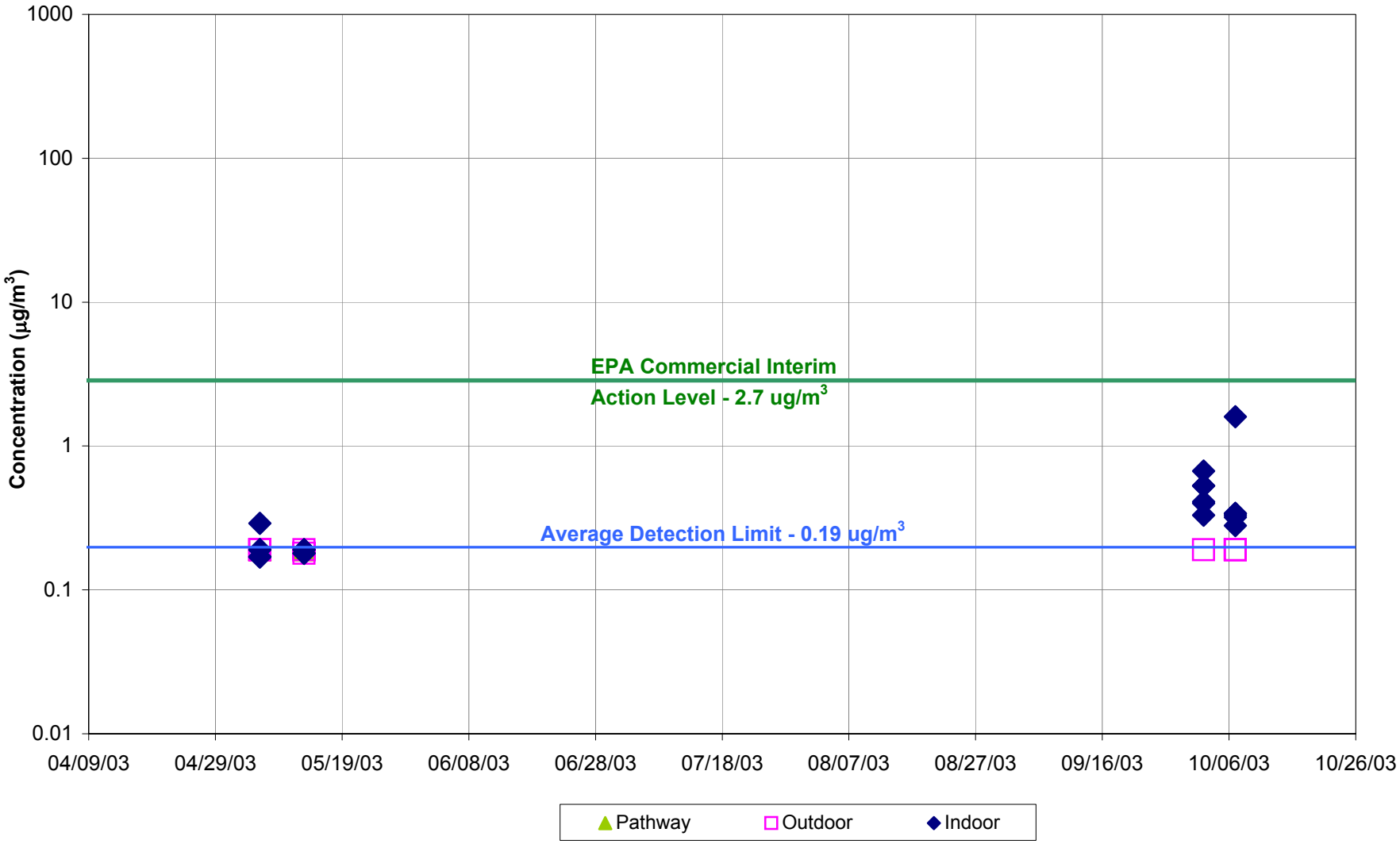


Figure 4-50: Plot of TCE Concentrations
379 N. Whisman Road

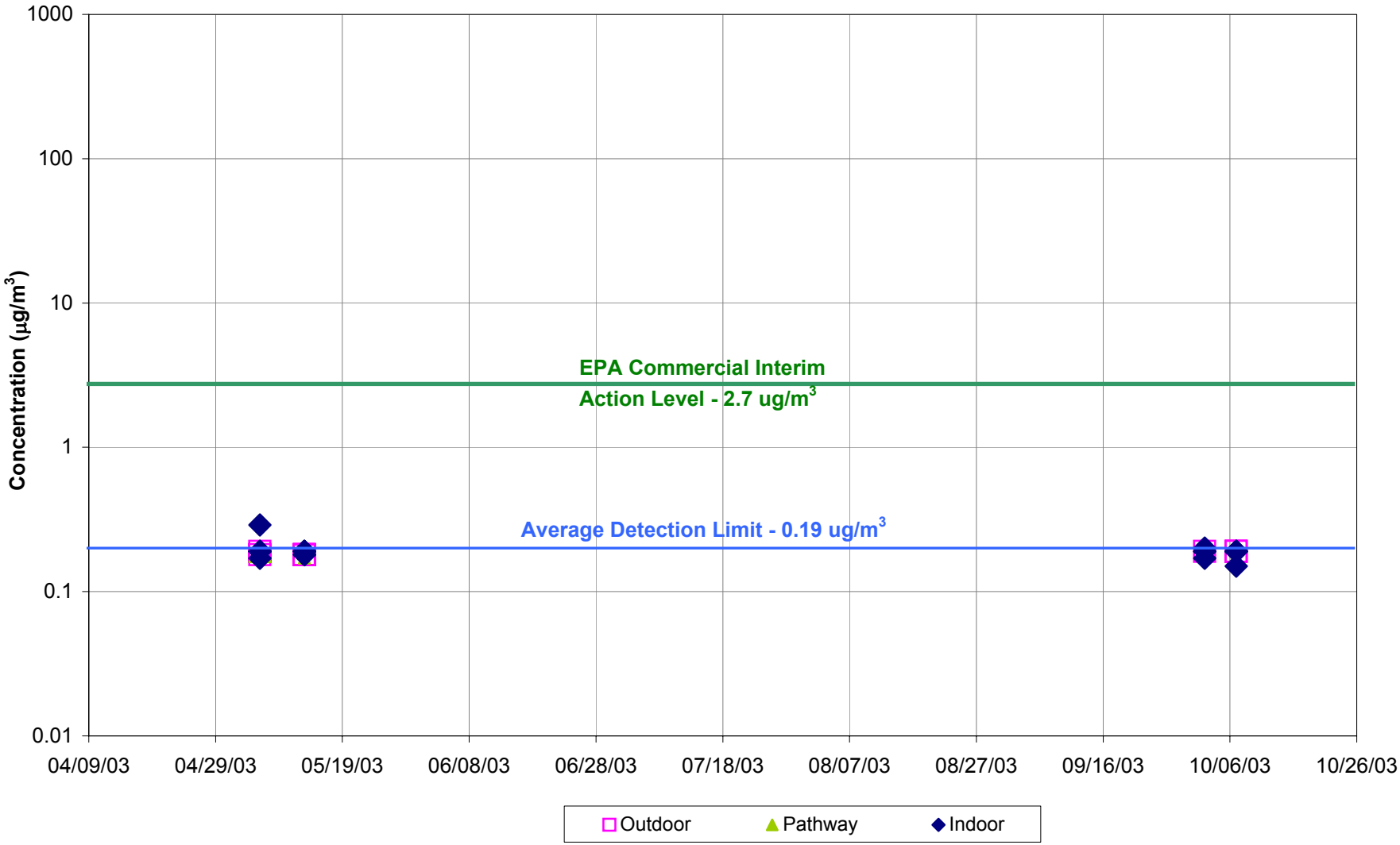


Figure 4:51: Plot of TCE Concentrations
389 N. Whisman Road

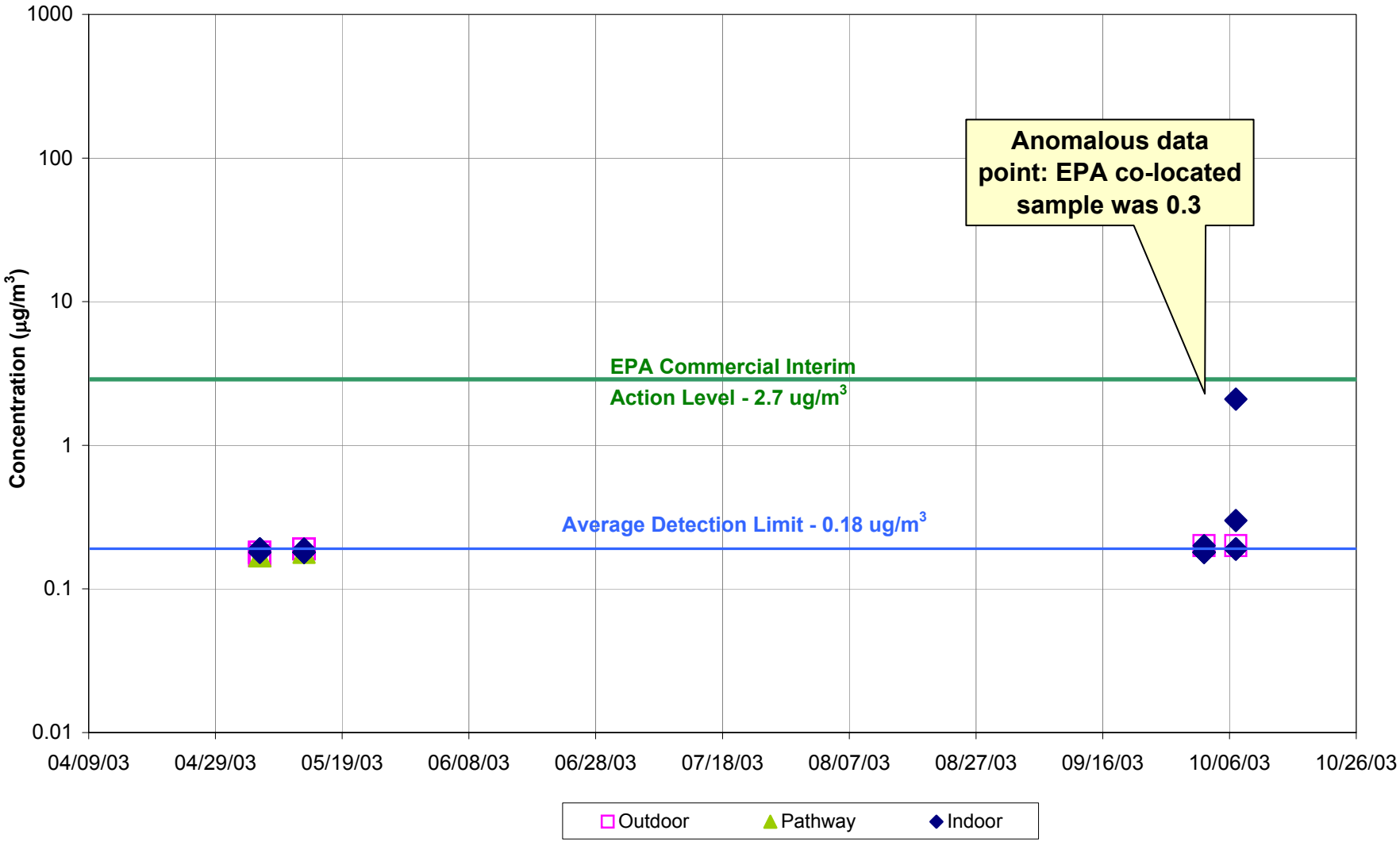


Figure 4-52: Plot of TCE Concentrations
399 N. Whisman Road

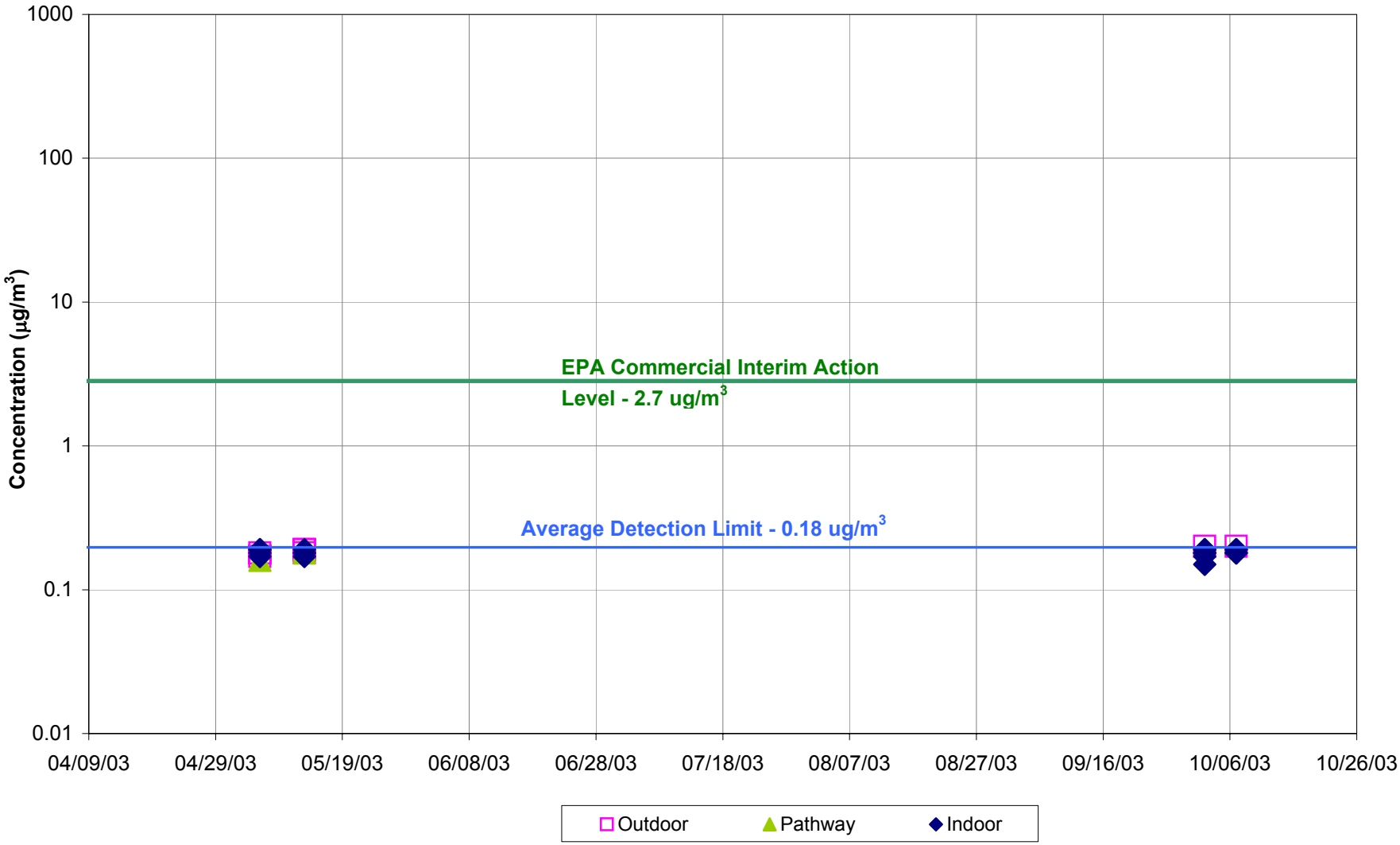


Figure 4-53: Plot of TCE Concentrations
401 National Avenue

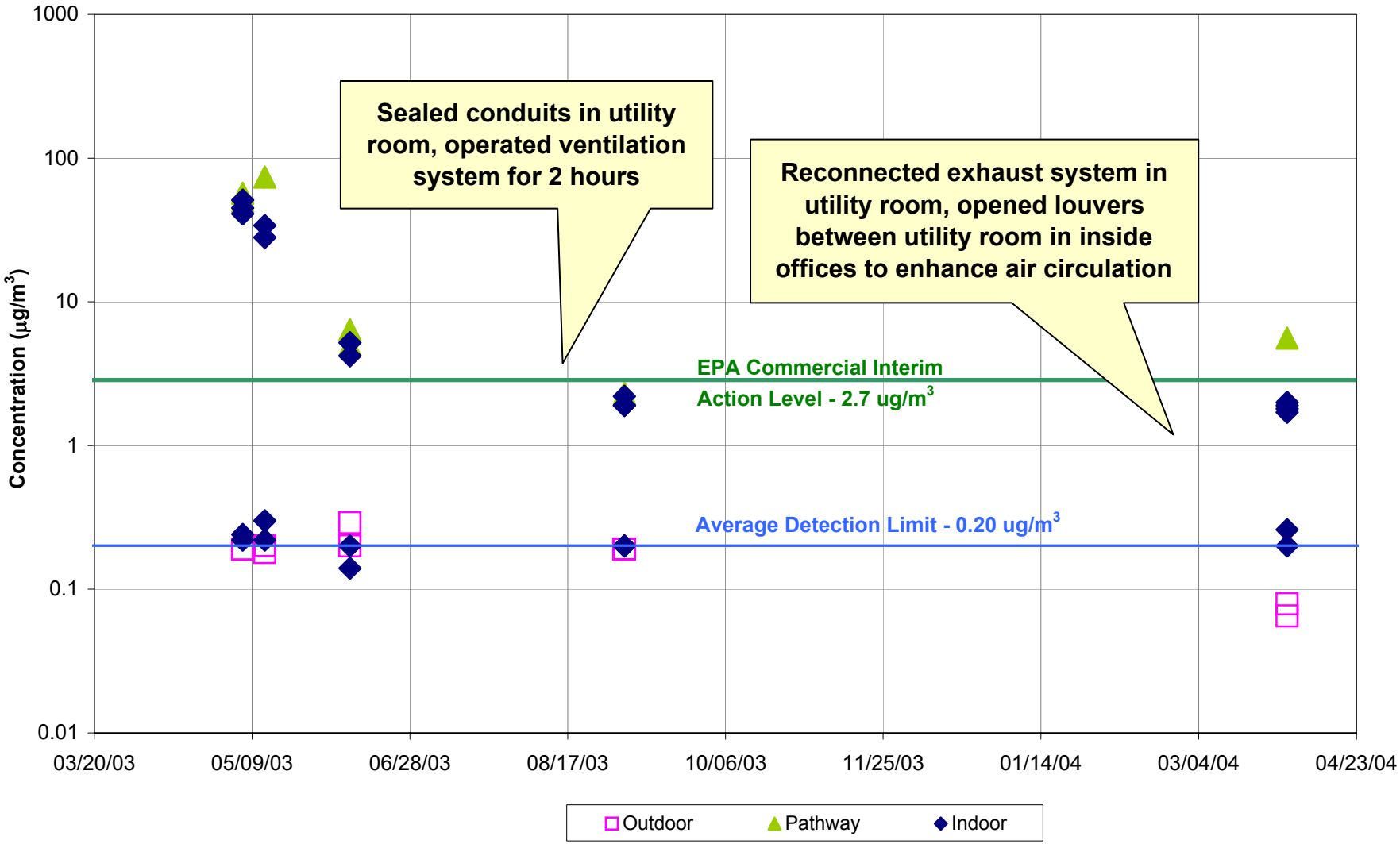


Figure 4-54: Plot of TCE Concentrations
464 Ellis Street

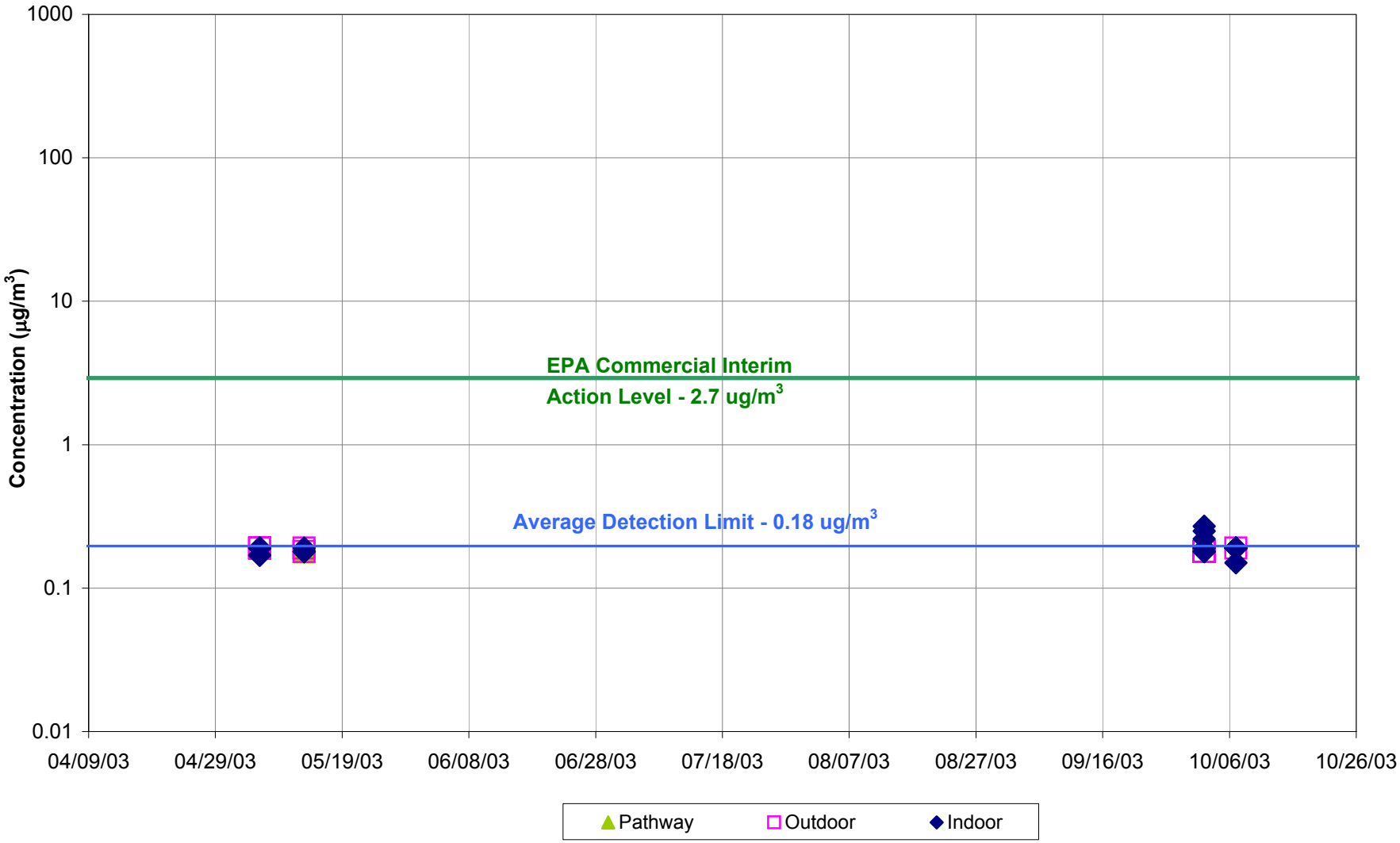


Figure 4-55: Plot of TCE Concentrations
466 Ellis Street

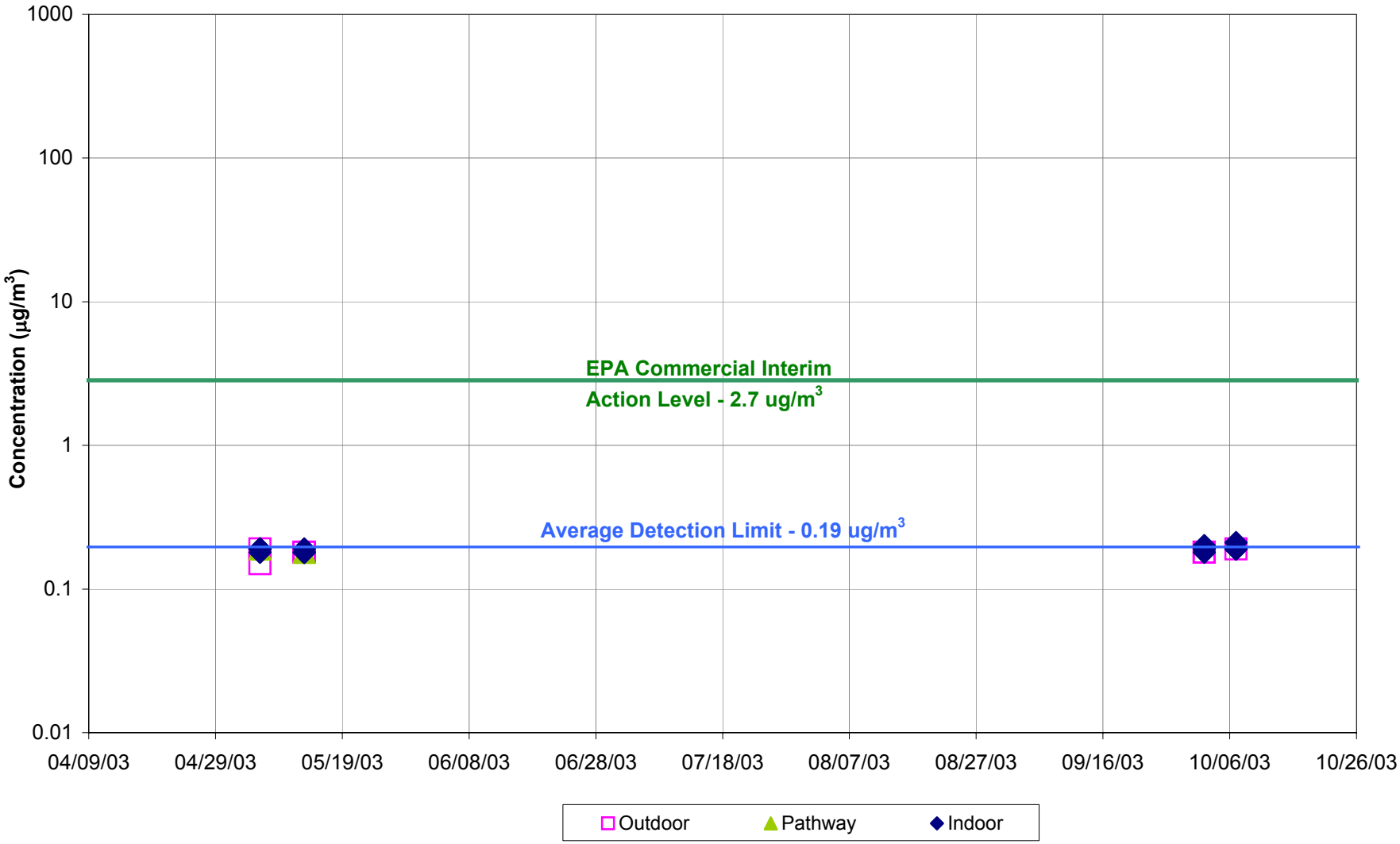


Figure 4-56: Plot of TCE Concentrations
468 Ellis Street

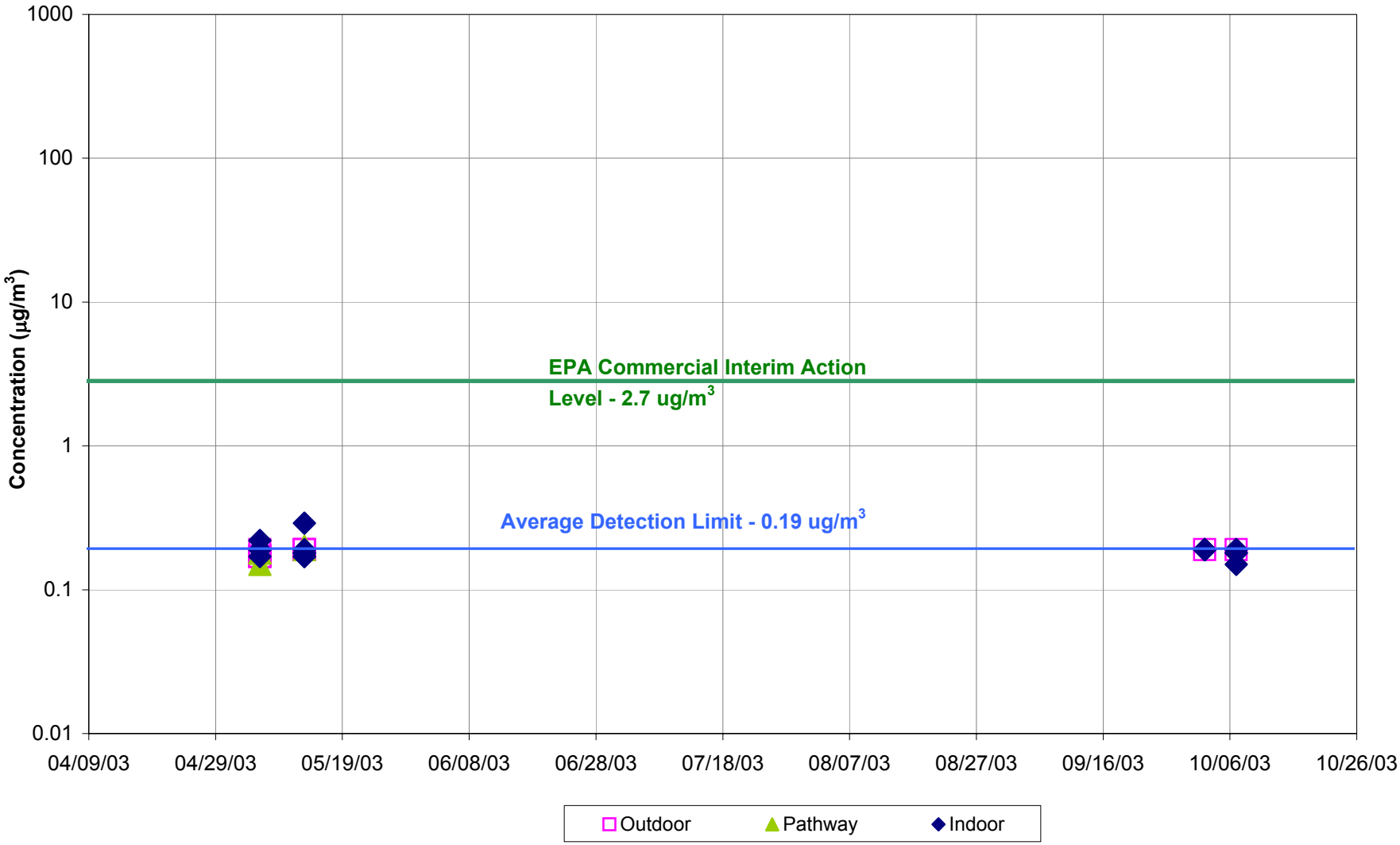


Figure 4-57: Plot of TCE Concentrations
515 N. Whisman Road

Figure 4-58: Plot of TCE Concentrations
545 N. Whisman Road

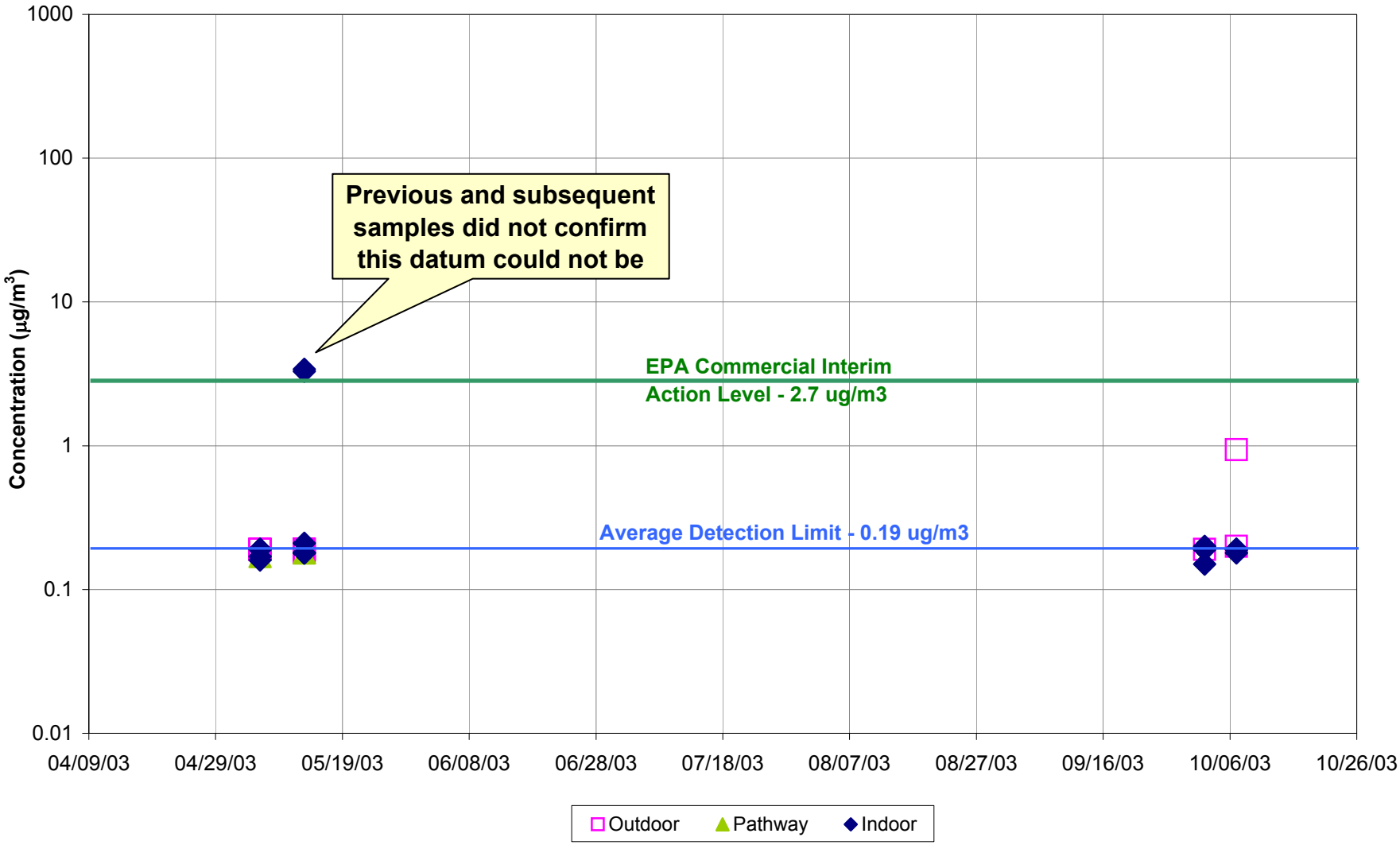


Figure 4-59: Plot of TCE Concentrations
644 National Avenue

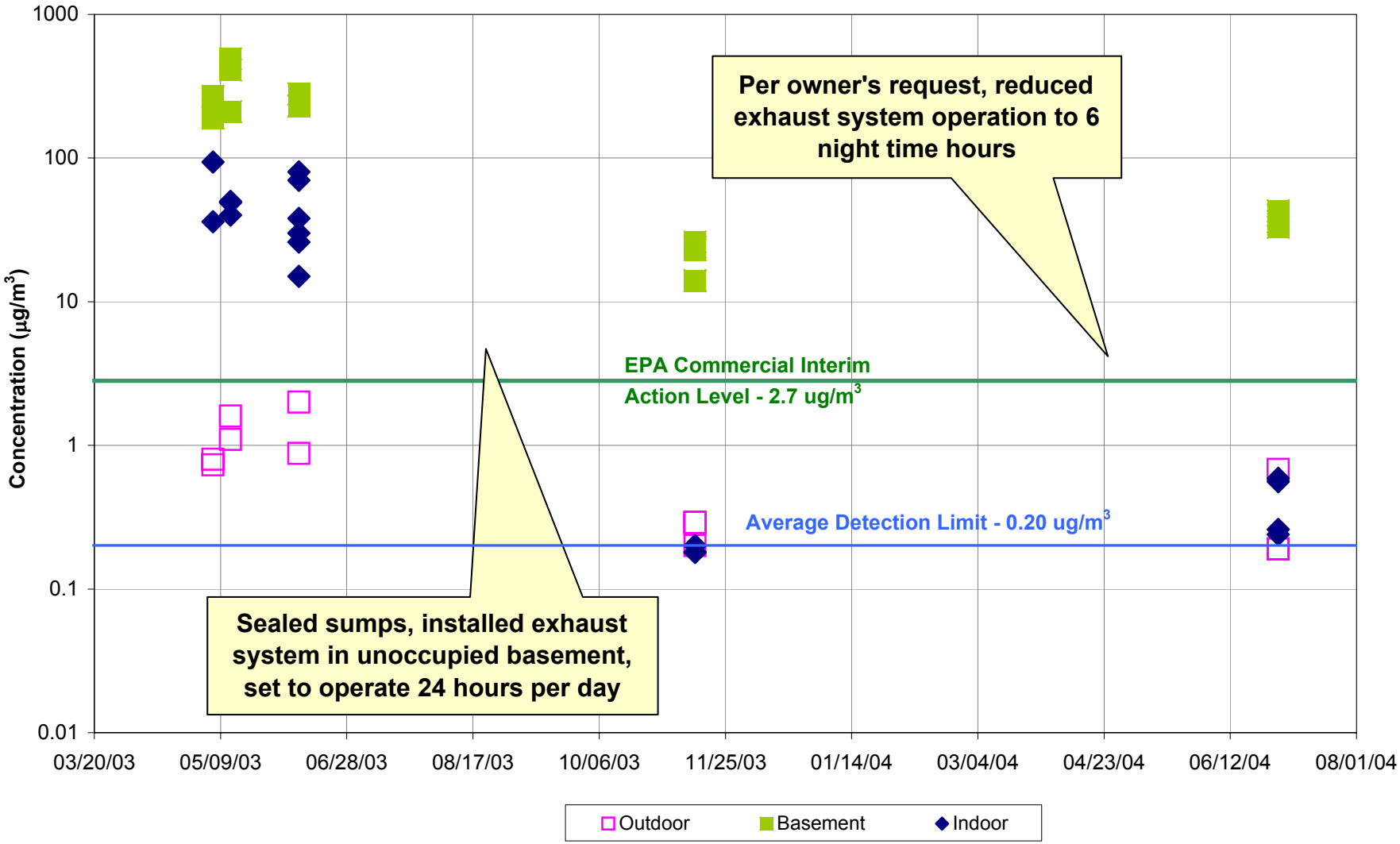


Figure 4-60: Plot of TCE Concentrations
355/365 E. Middlefield Road

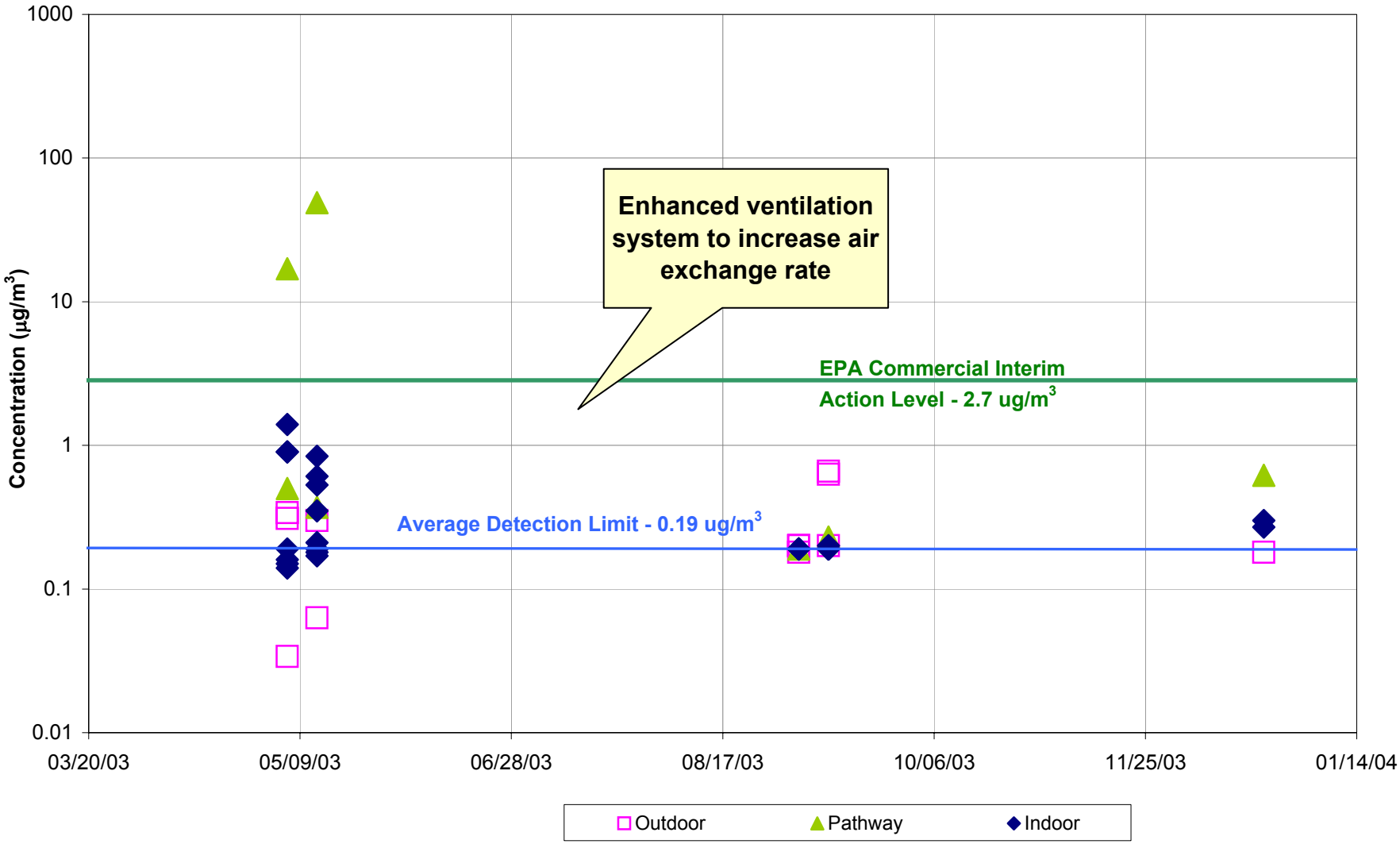


Figure 4-61: Plot of TCE Concentrations
501 Ellis Street

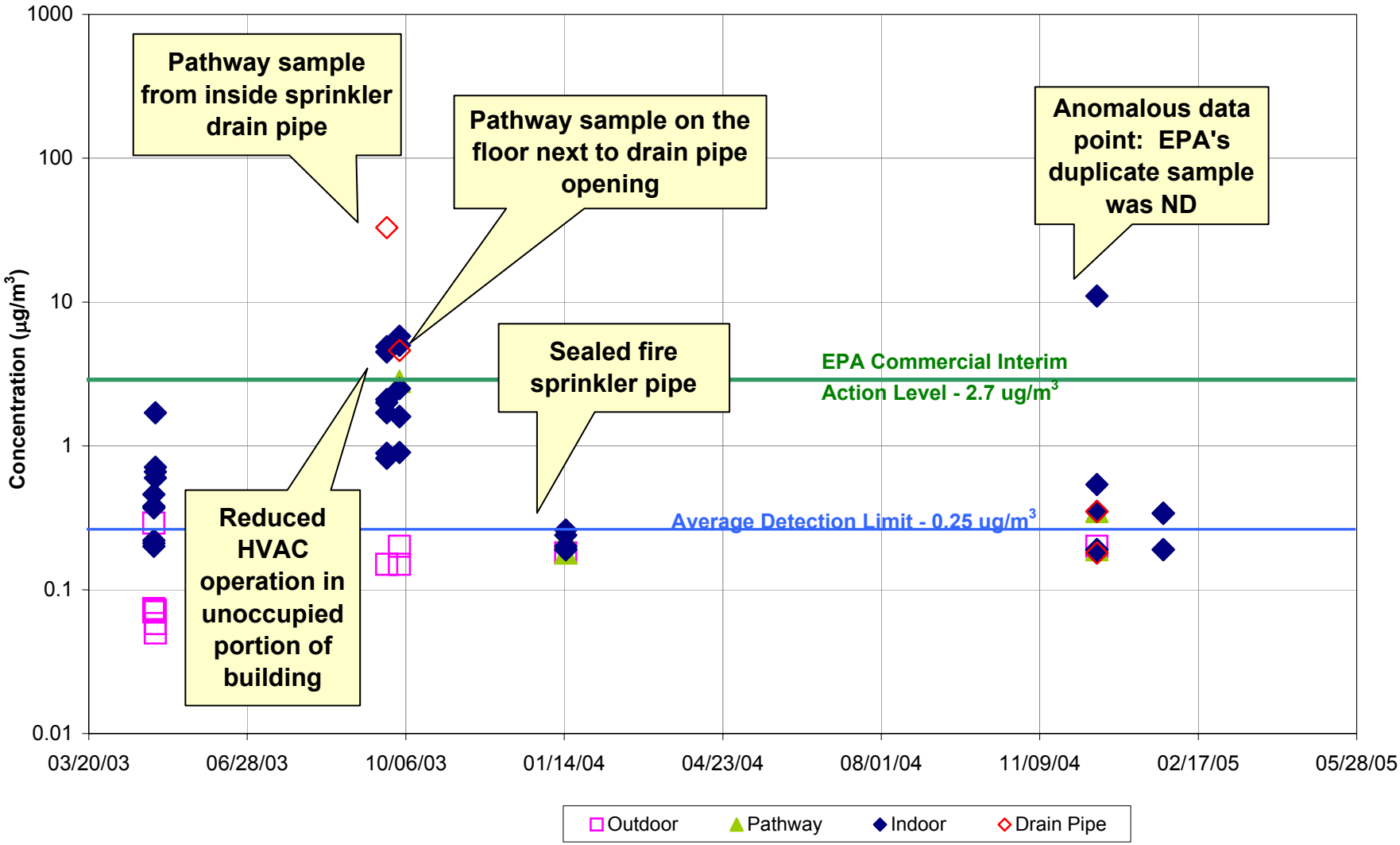


Figure 4-62: Plot of TCE Concentrations
401 E. Middlefield Road

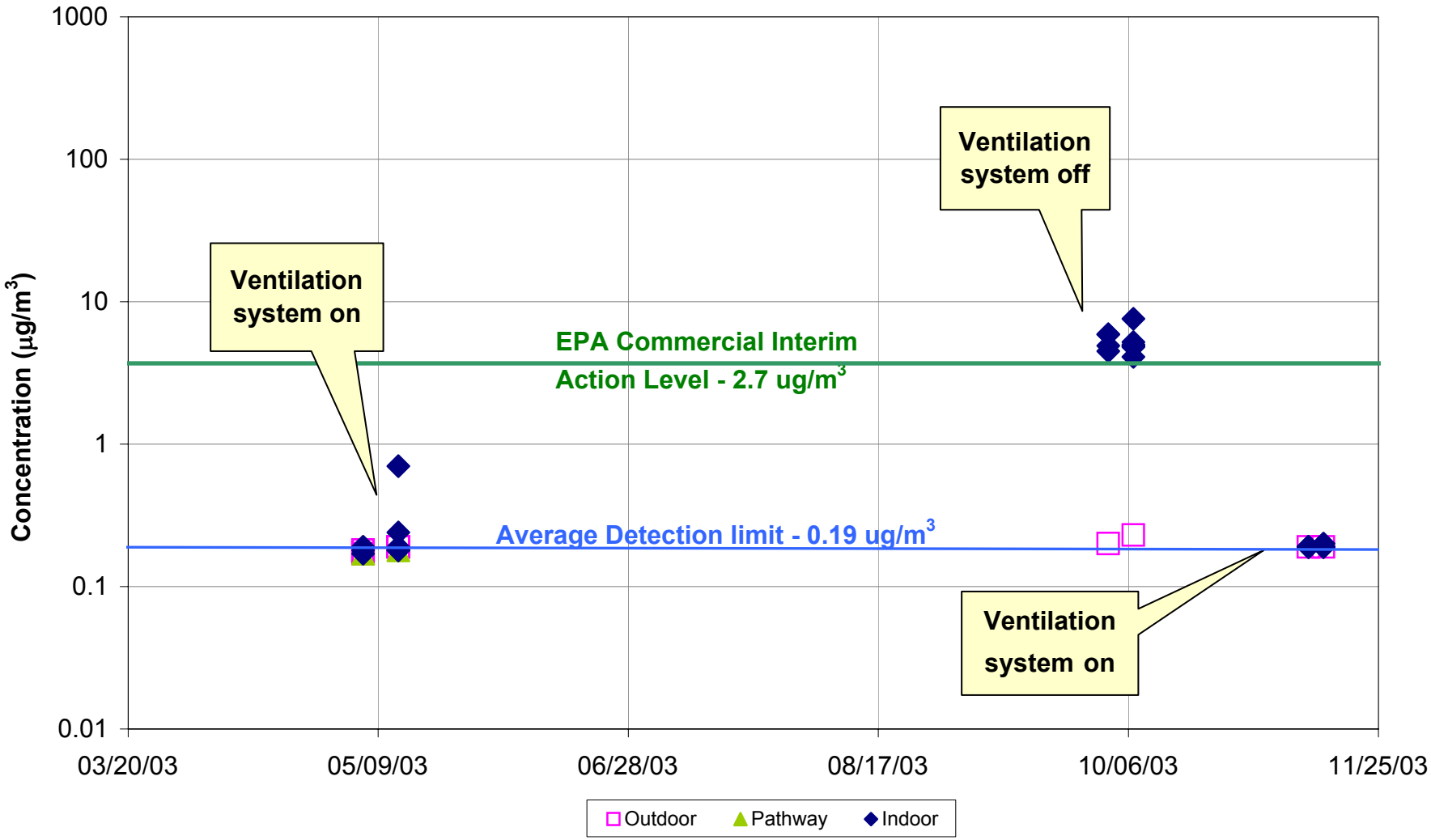


Figure 4-63: Plot of TCE Concentrations
415 E. Middlefield Road

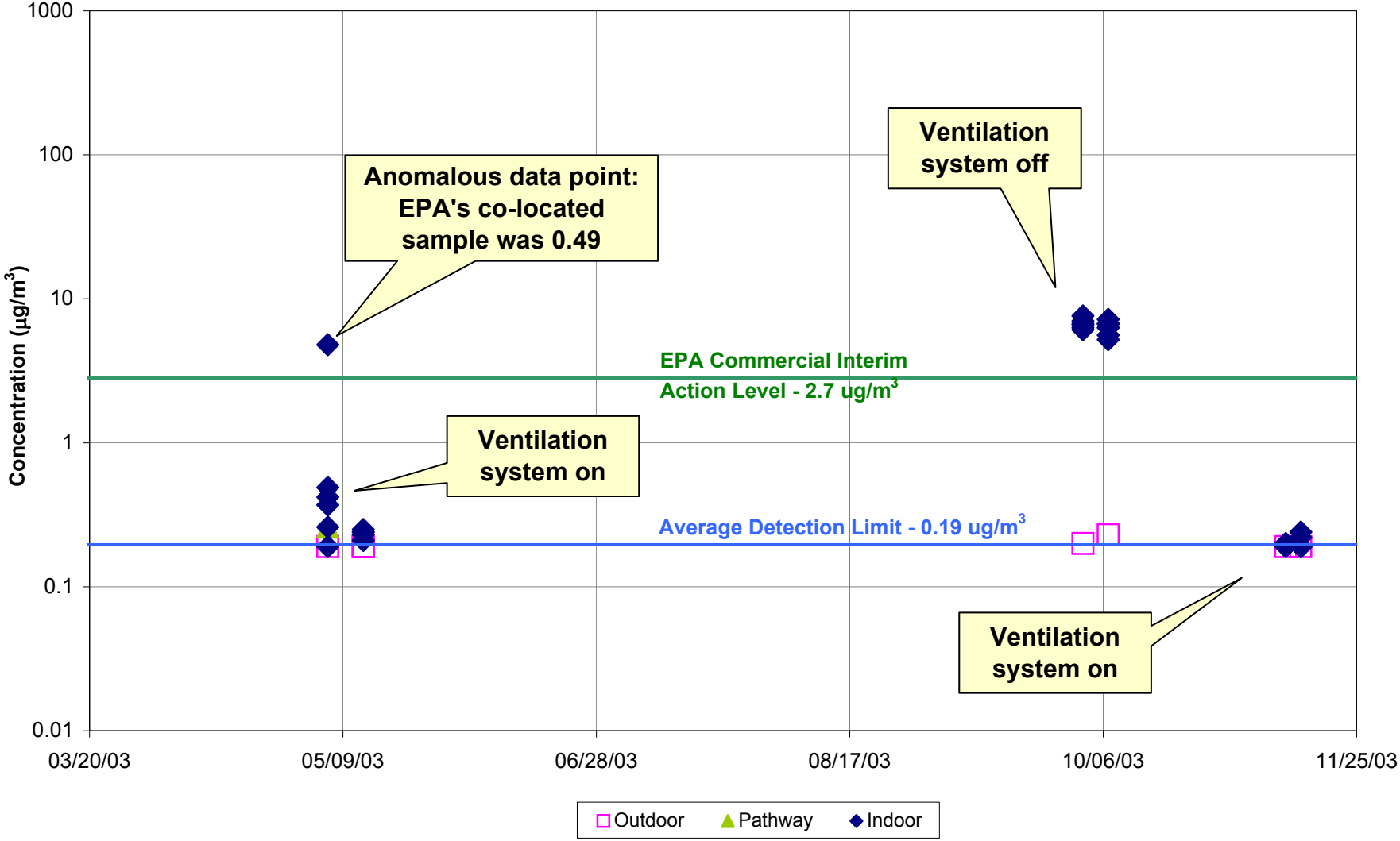


Figure 4-64: Plot of TCE Concentrations
370 Ellis Street, Building A

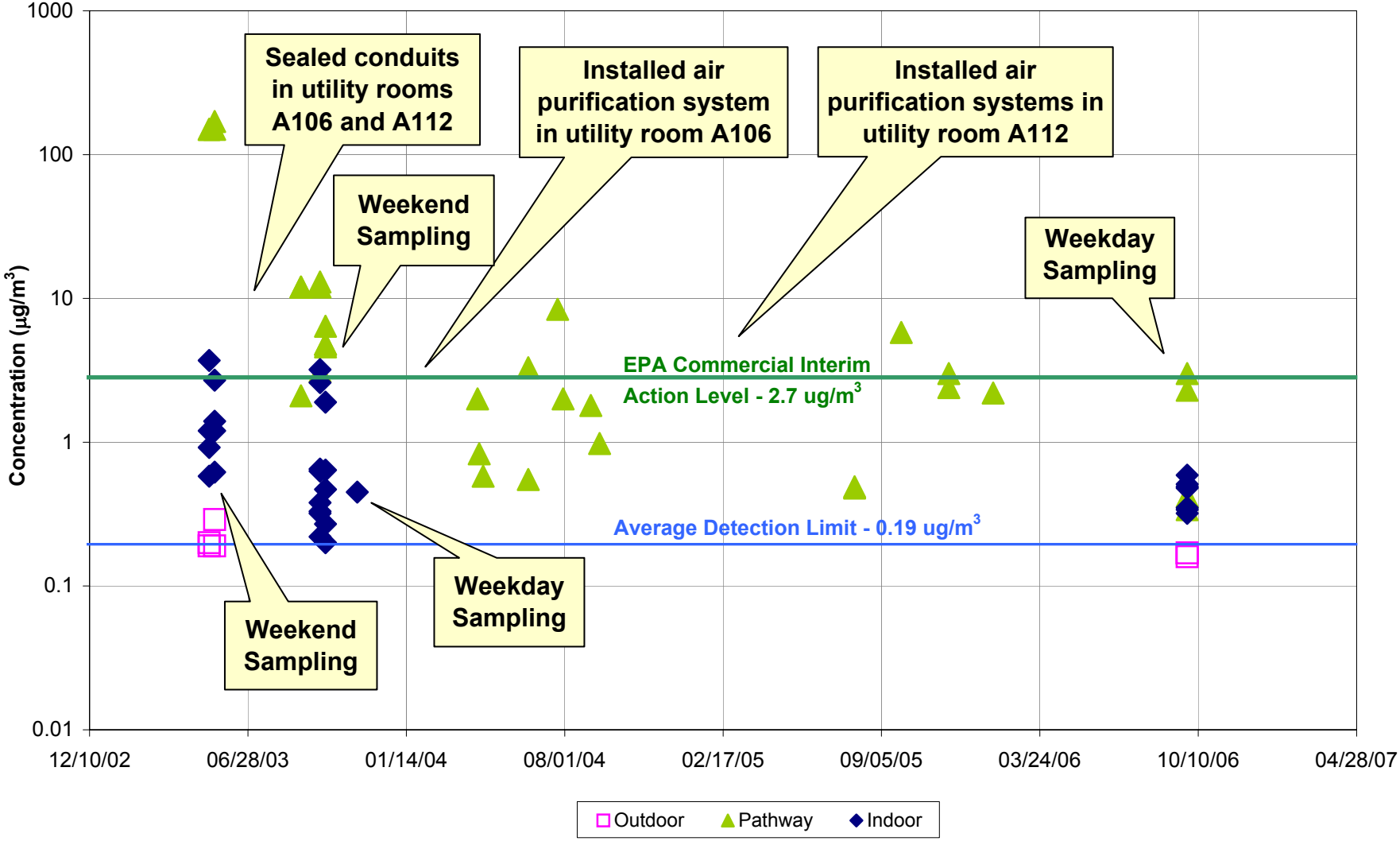


Figure 4-65: Plot of TCE Concentrations
370 Ellis Street, Building B

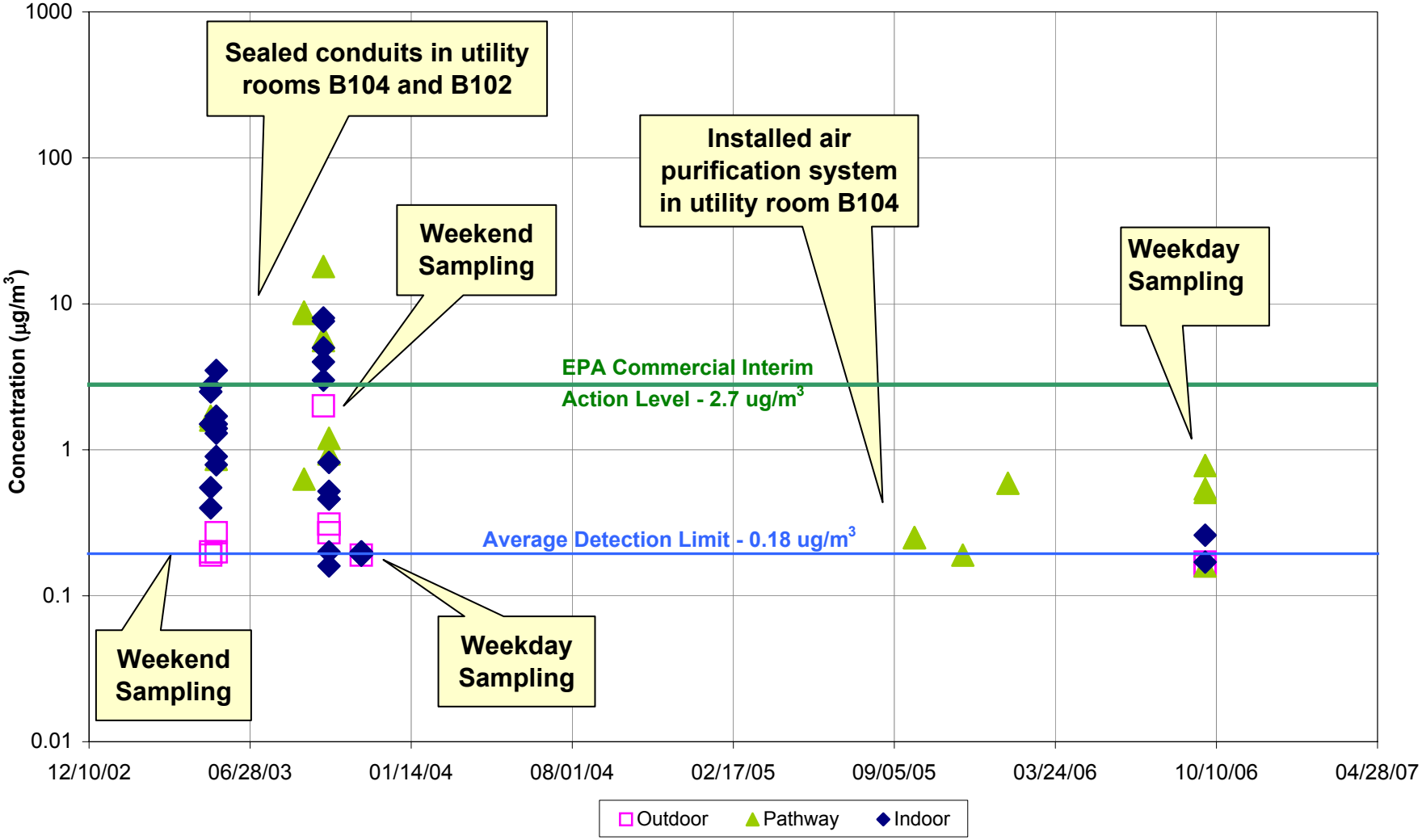


Figure 4-66: Plot of TCE Concentrations
380 Ellis Street, Building Cw

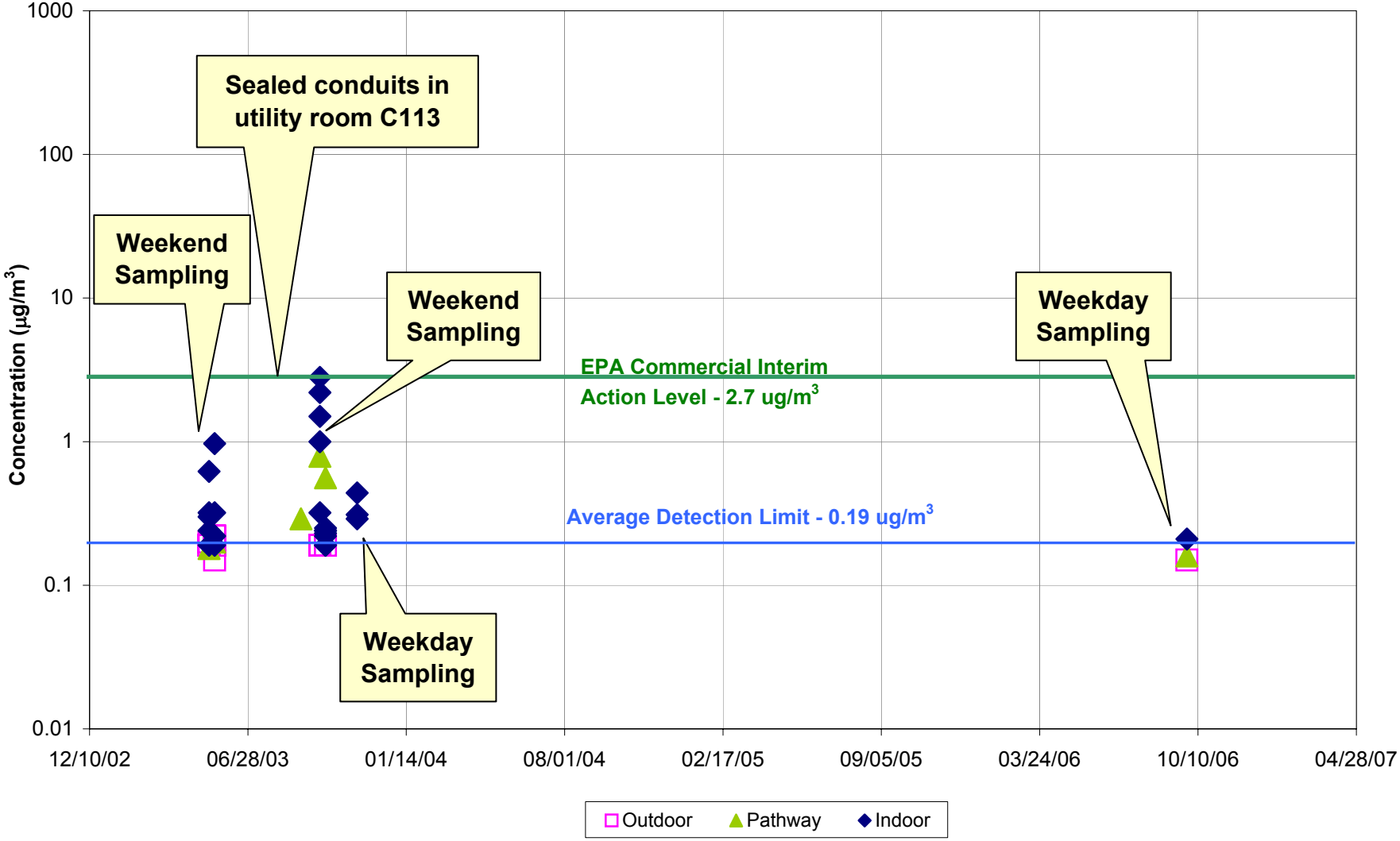


Figure 4-67: Plot of TCE Concentrations
380 Ellis Street, Building Ce

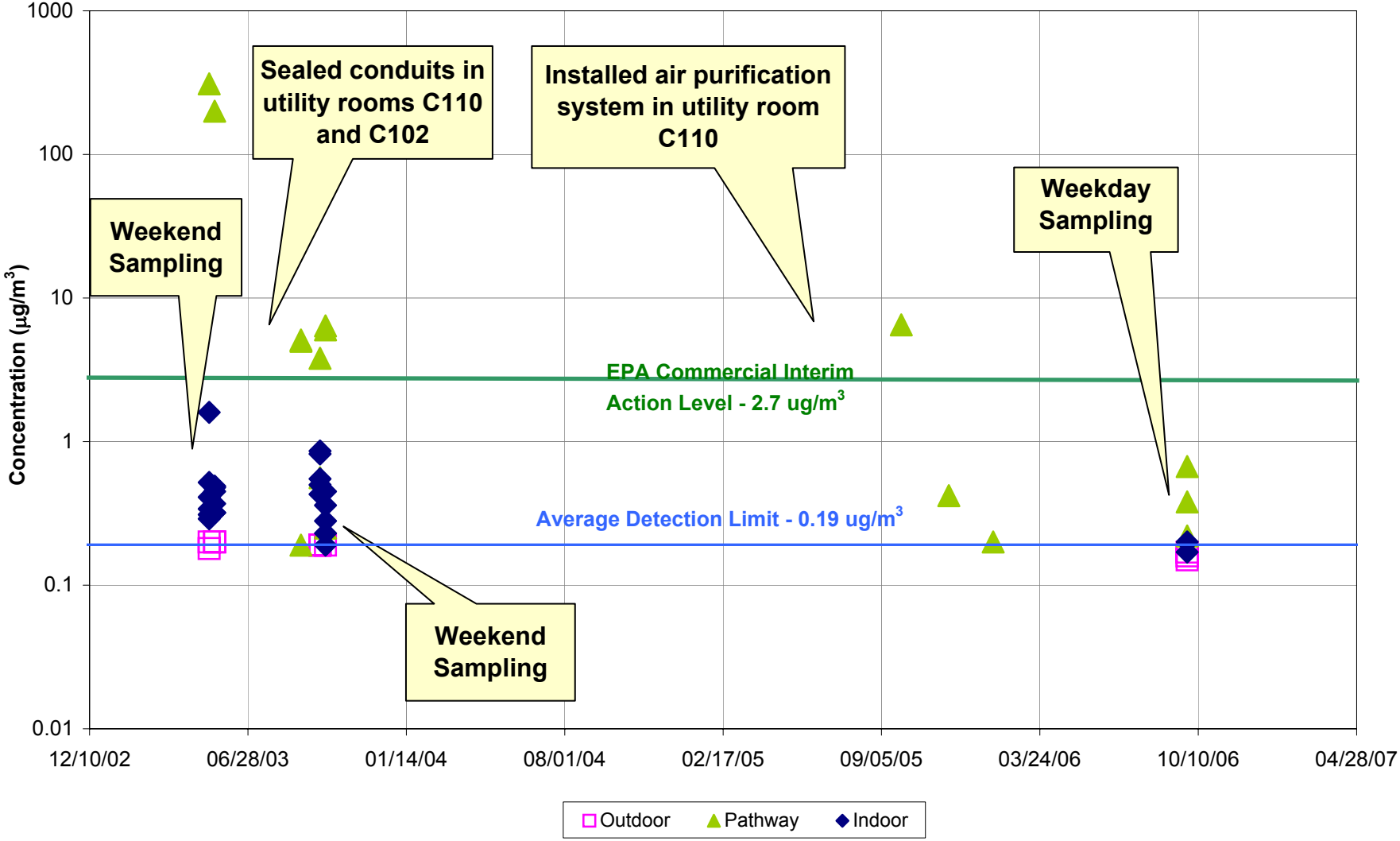


Figure 4-68: Plot of TCE Concentrations
380 Ellis Street, Building D

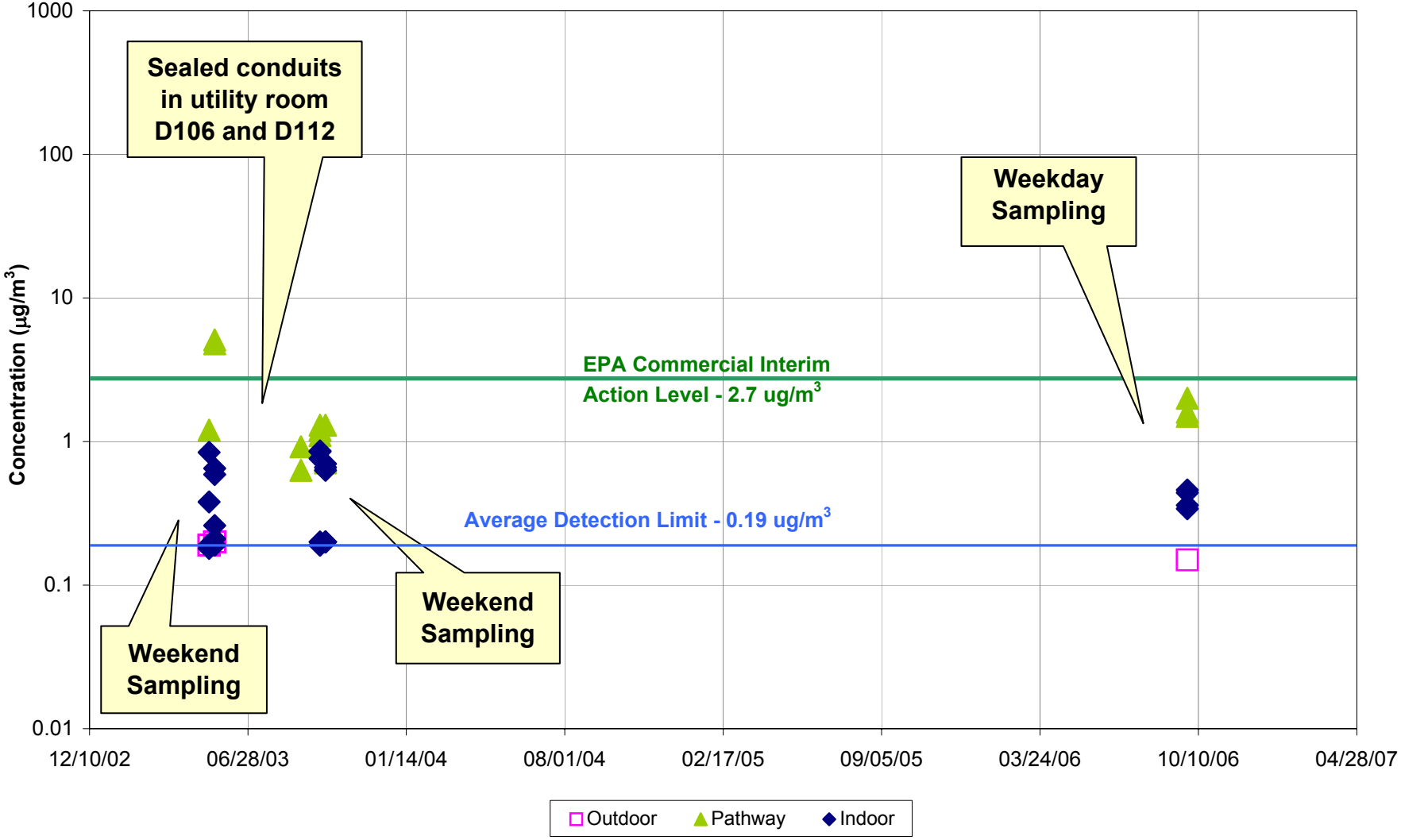


Figure 4-69: Plot of TCE Concentrations
350 Ellis Street, Building E

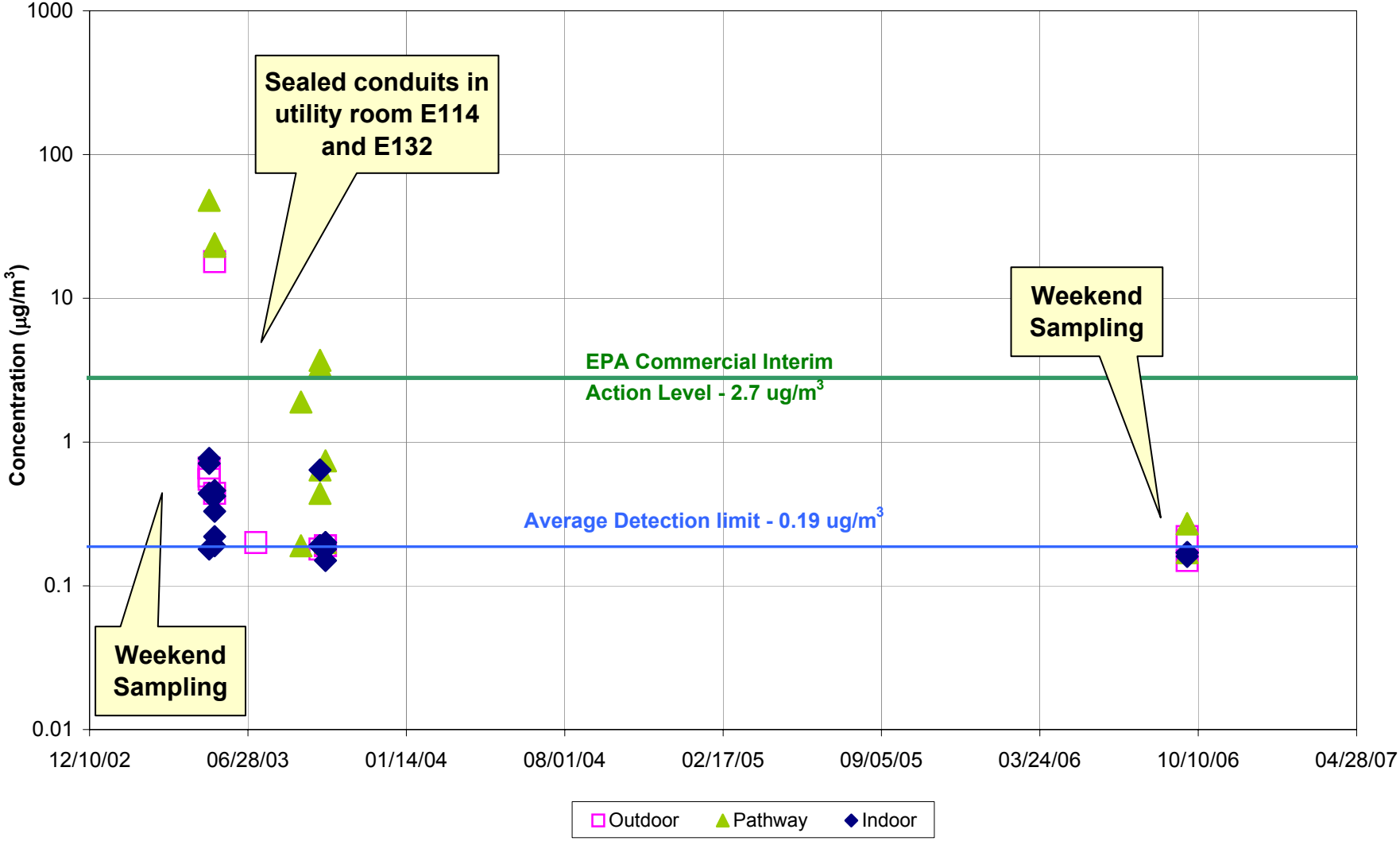


Figure 4-70: Plot of TCE Concentrations
455 E. Middlefield Road

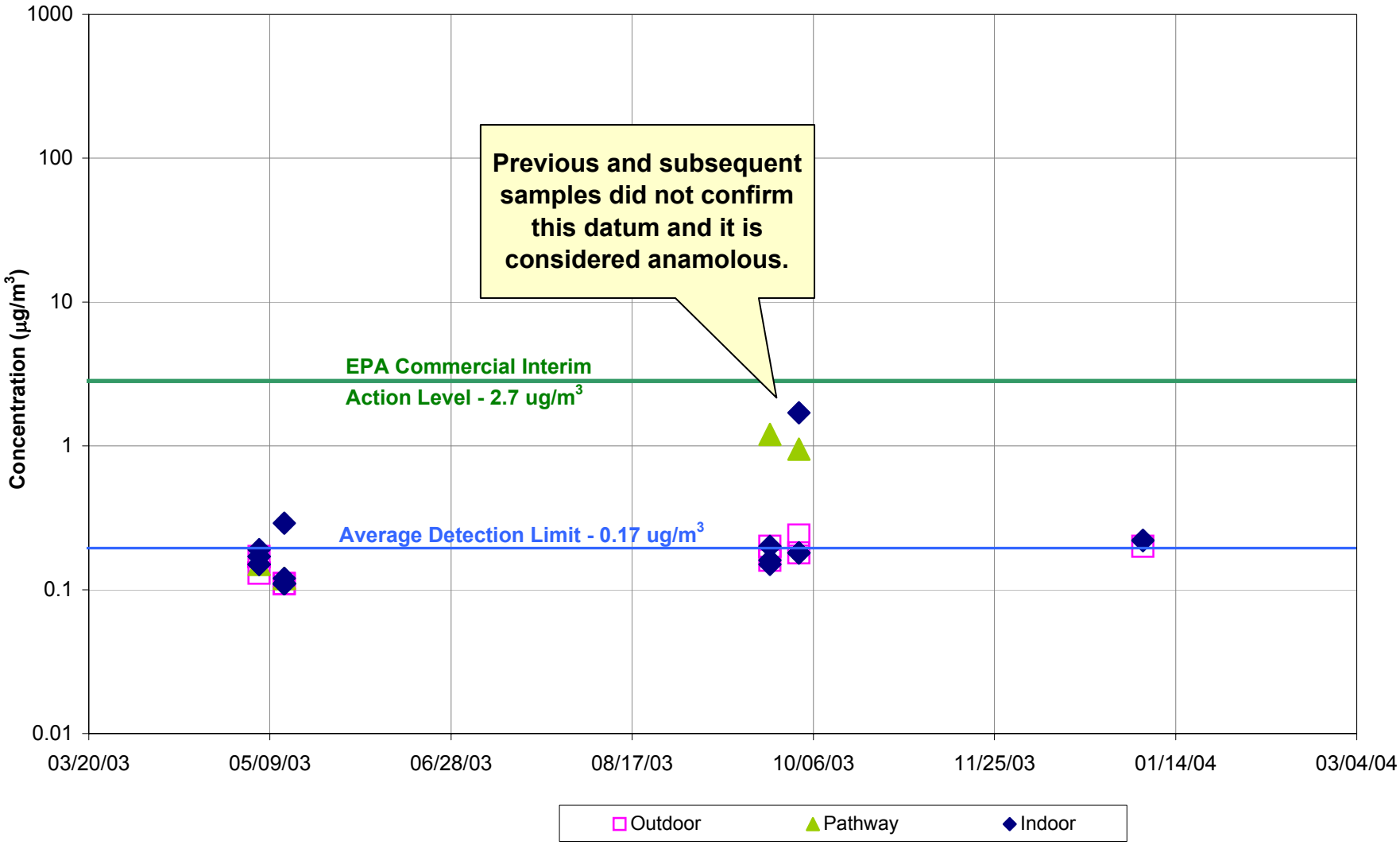


Figure 4-71: Plot of TCE Concentrations
487 E. Middlefield Road

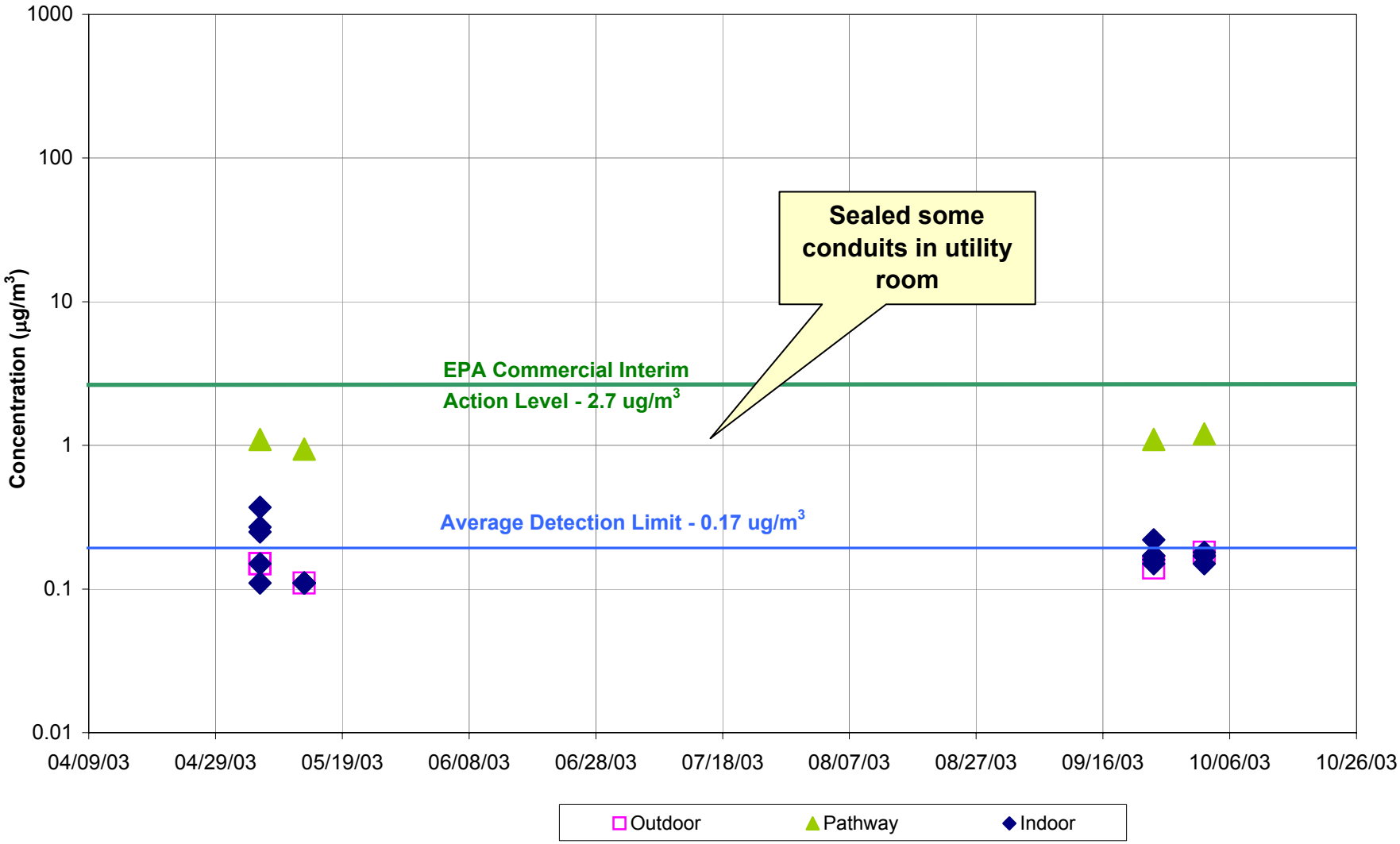


Figure 4-72: Plot of TCE Concentrations
425 National Avenue

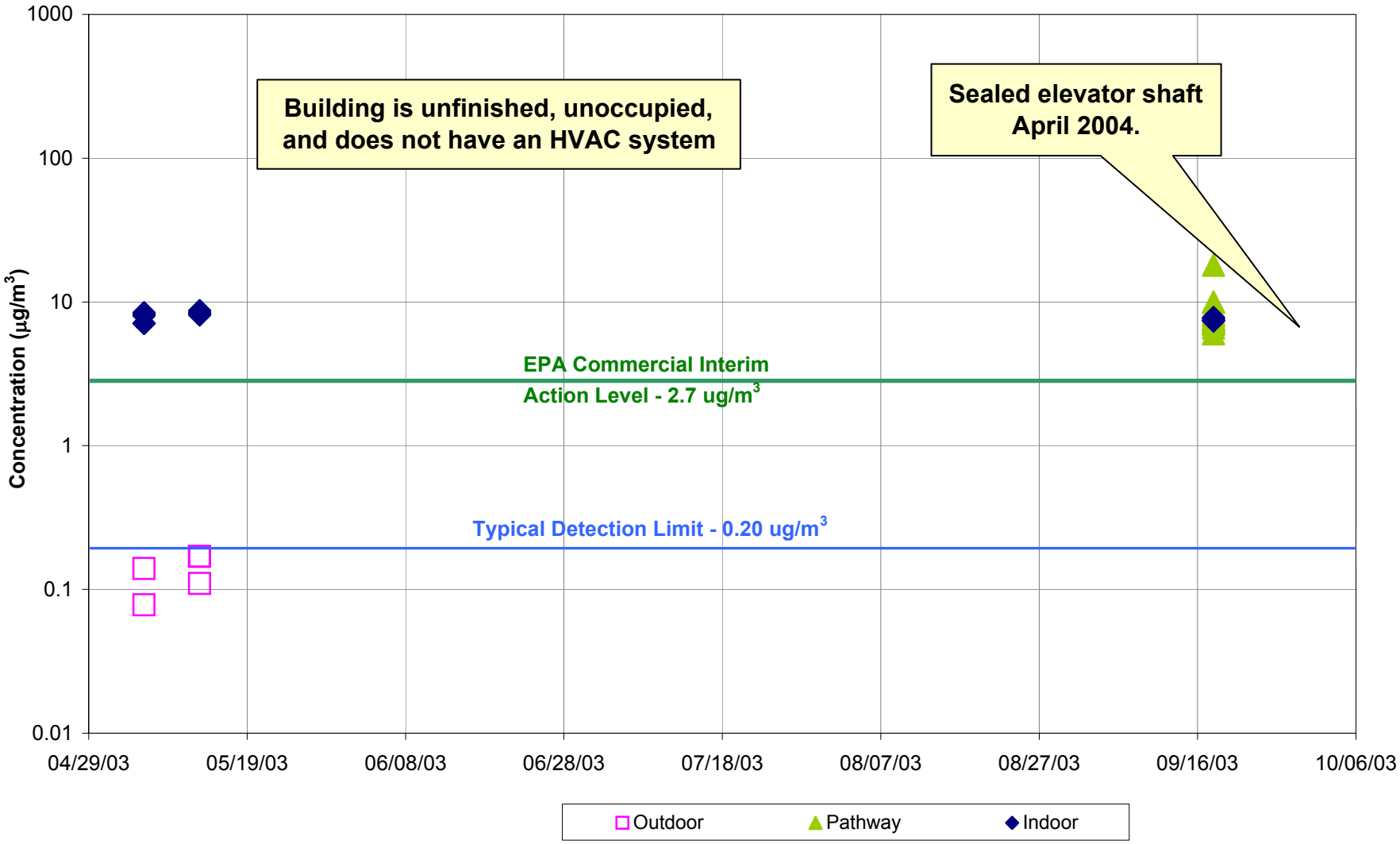


Figure 4-73: Plot of TCE Concentrations
Moffett Field, Building 15

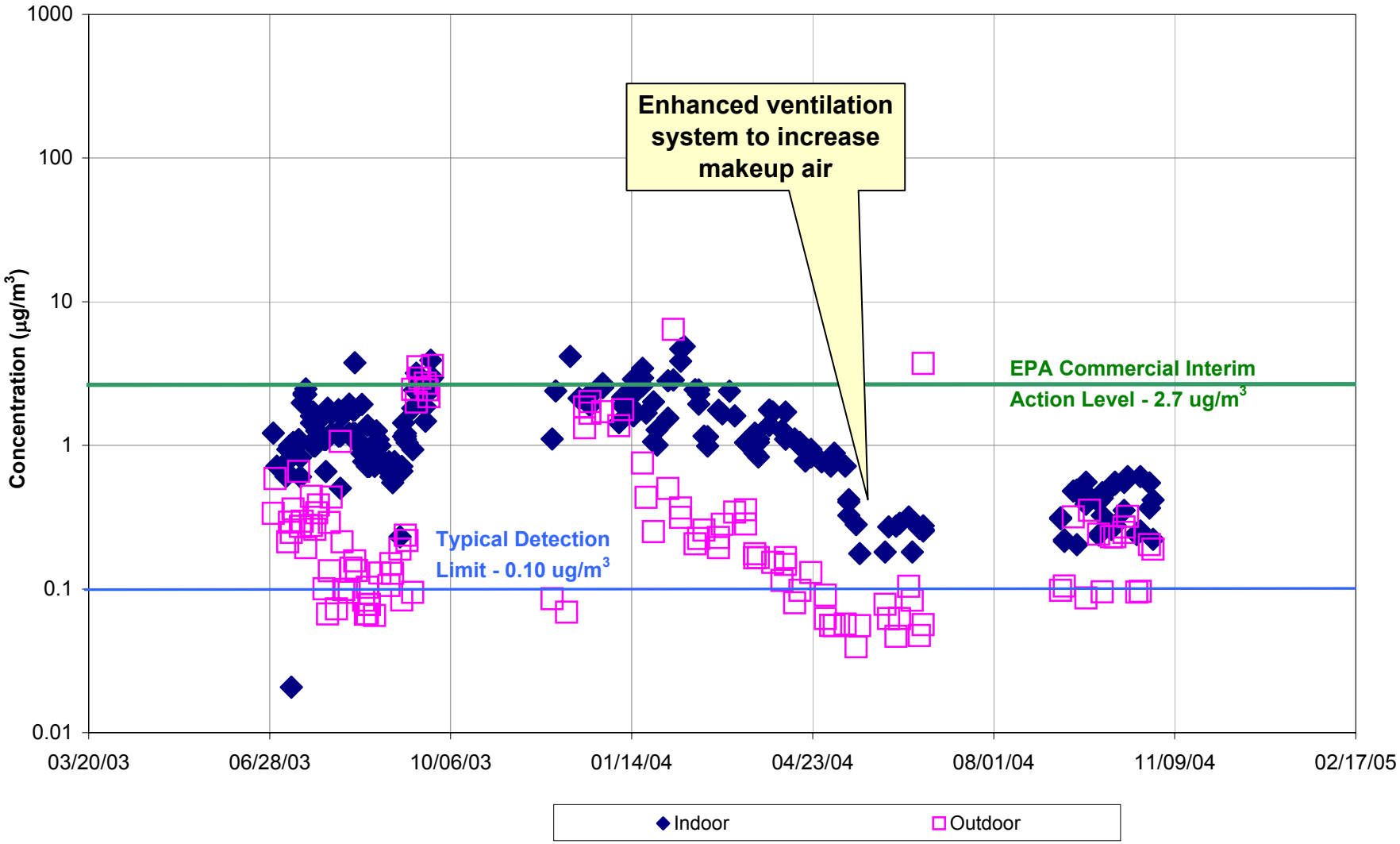


Figure 4-74: Plot of TCE Concentrations
Moffett Field, Building 16

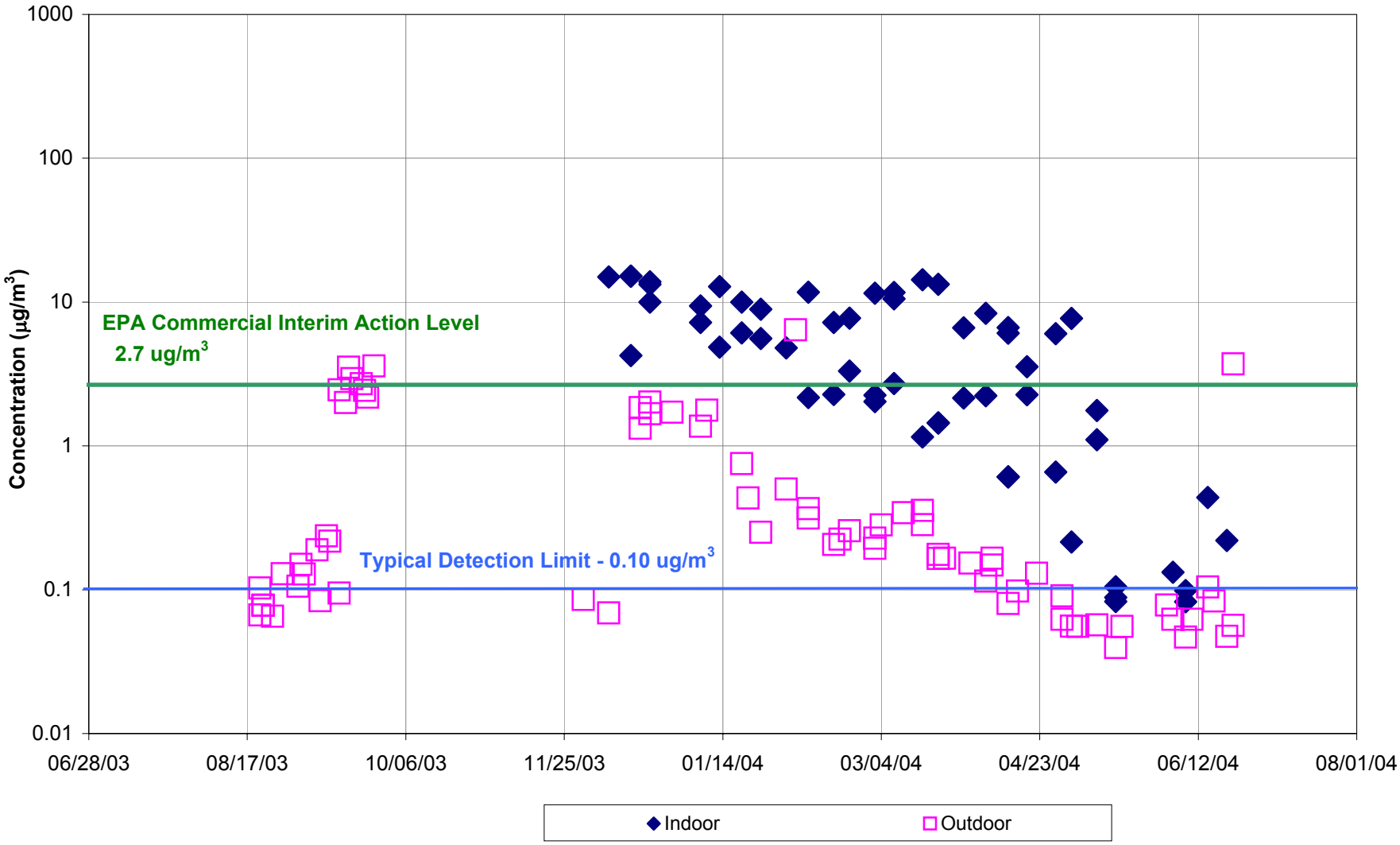


Figure 4-75: Plot of TCE Concentrations
Moffett Field, Building 17

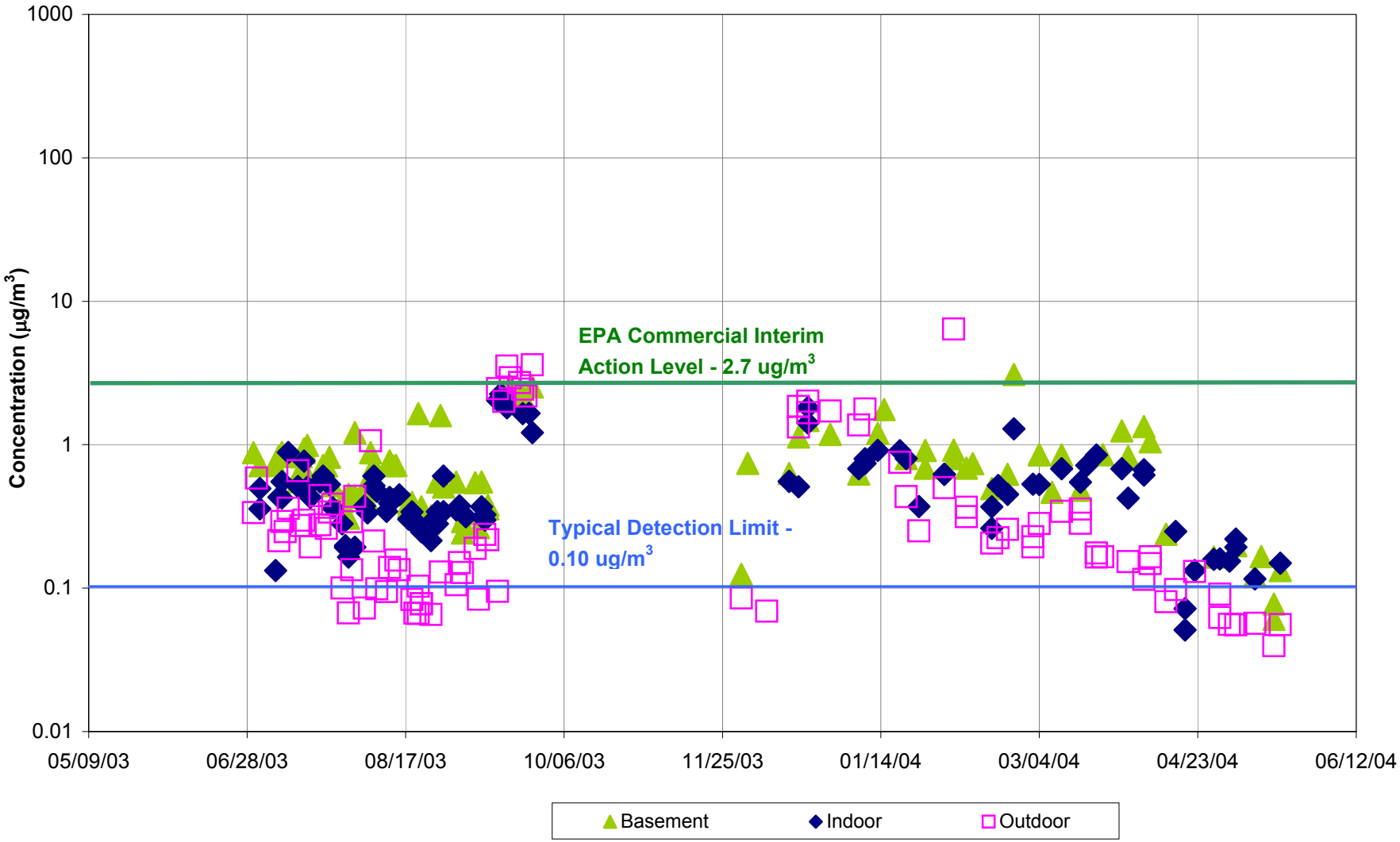


Figure 4-76: Plot of TCE Concentrations
Moffett Field, Building 20

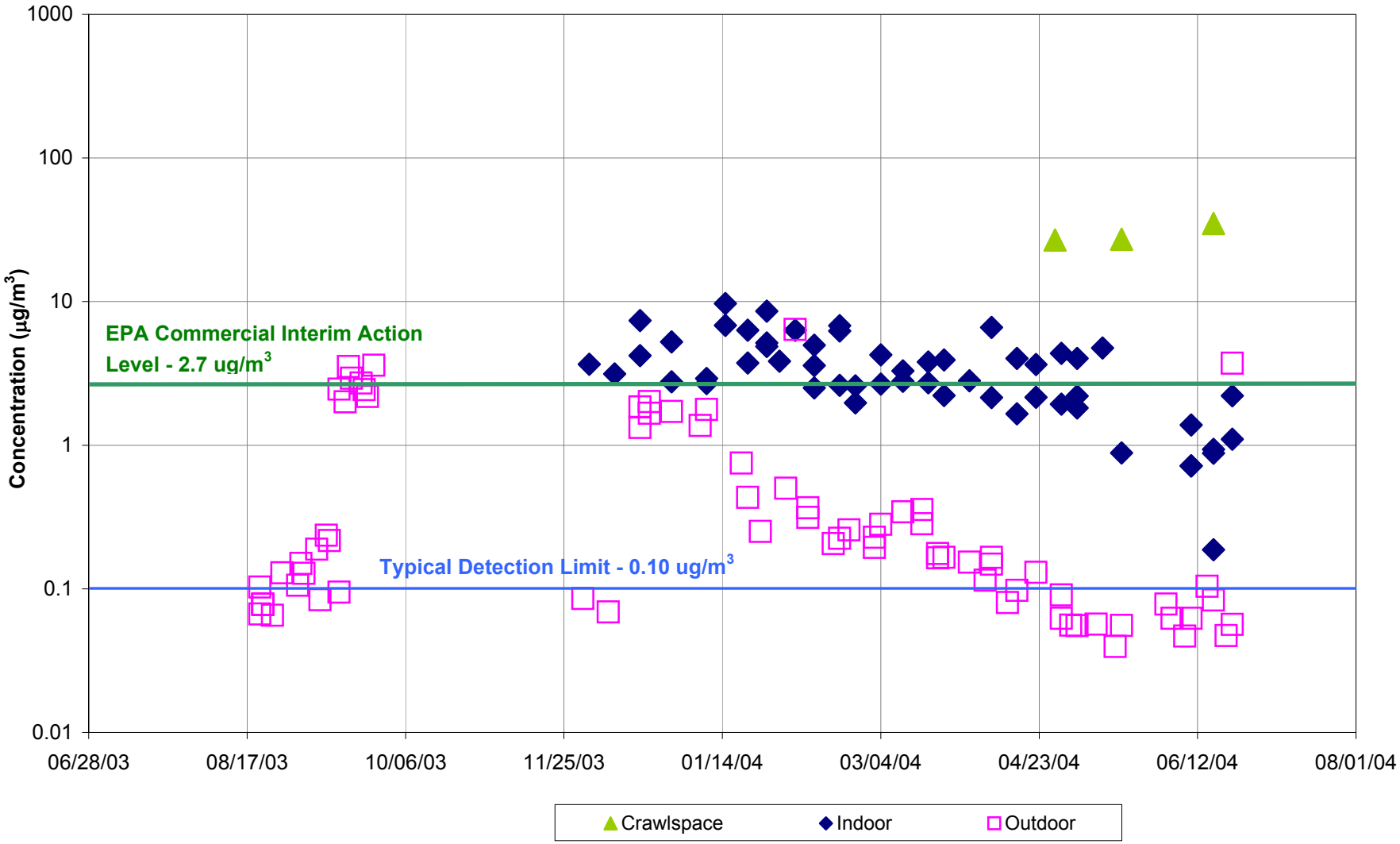


Figure 4-77: Plot of TCE Concentrations
Moffett Field, Building N210

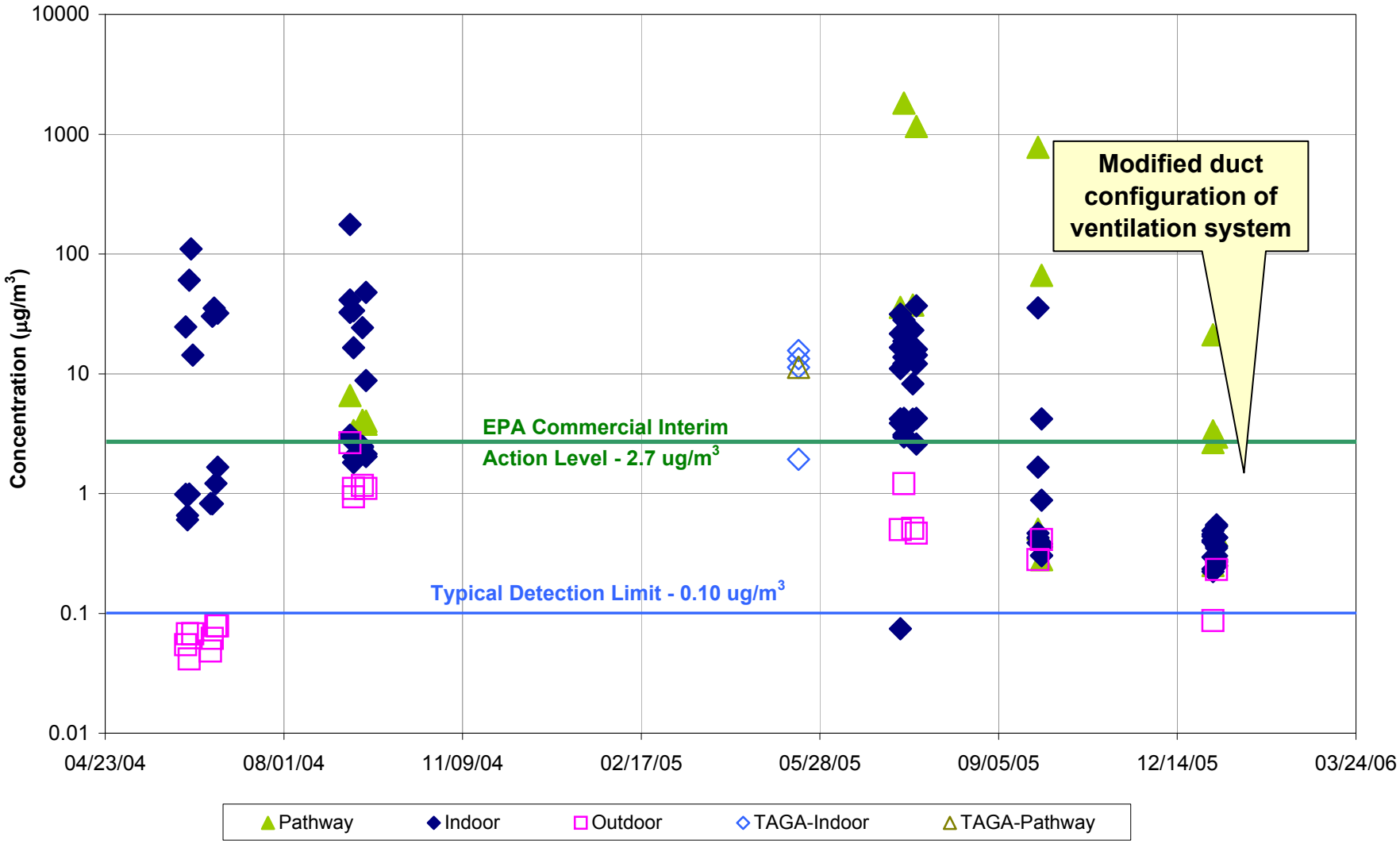


Figure 4-78: Plot of TCE Concentrations
Moffett Field, Building N211

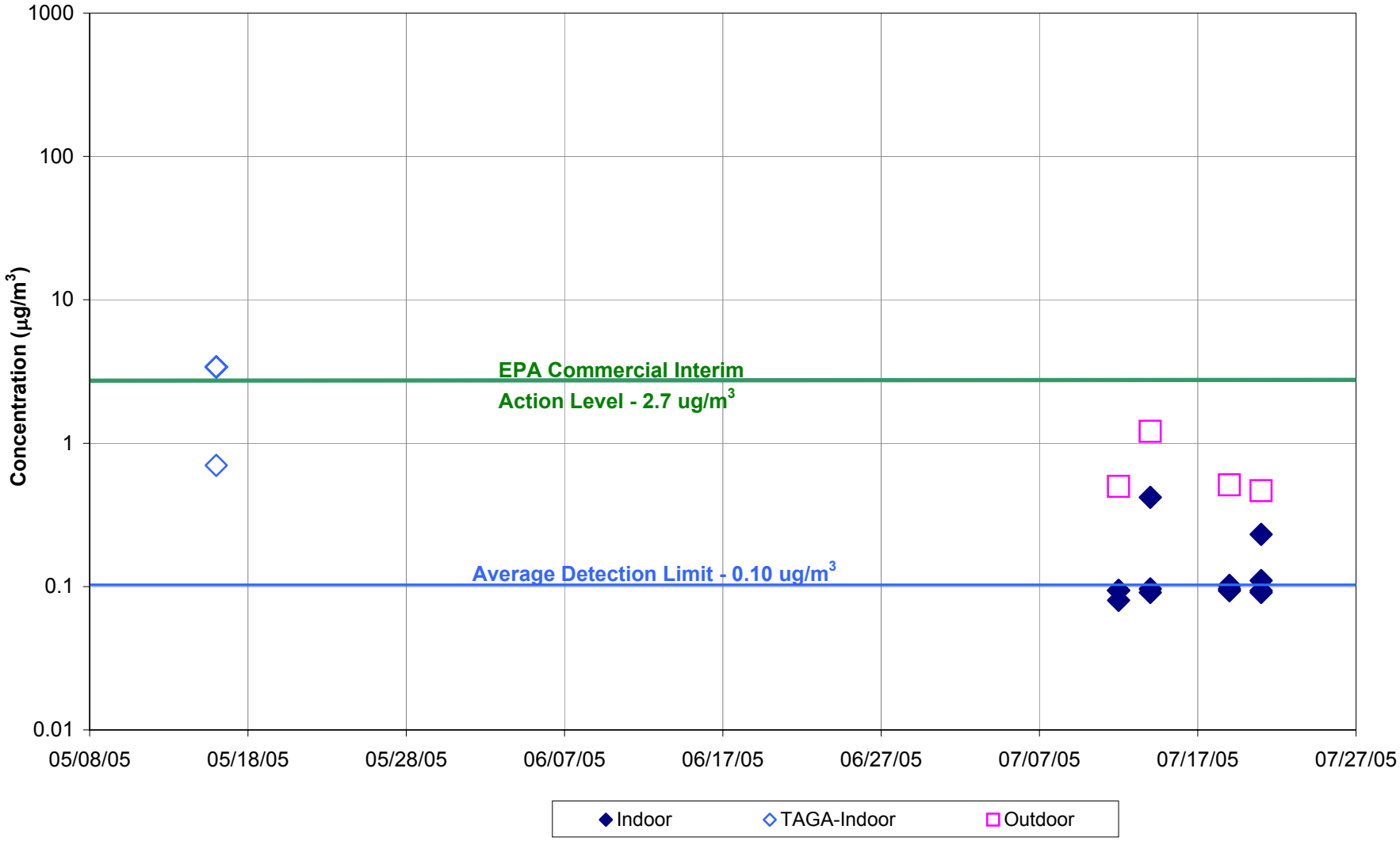


Figure 4-79: Plot of TCE Concentrations
Moffett Field, Building N243

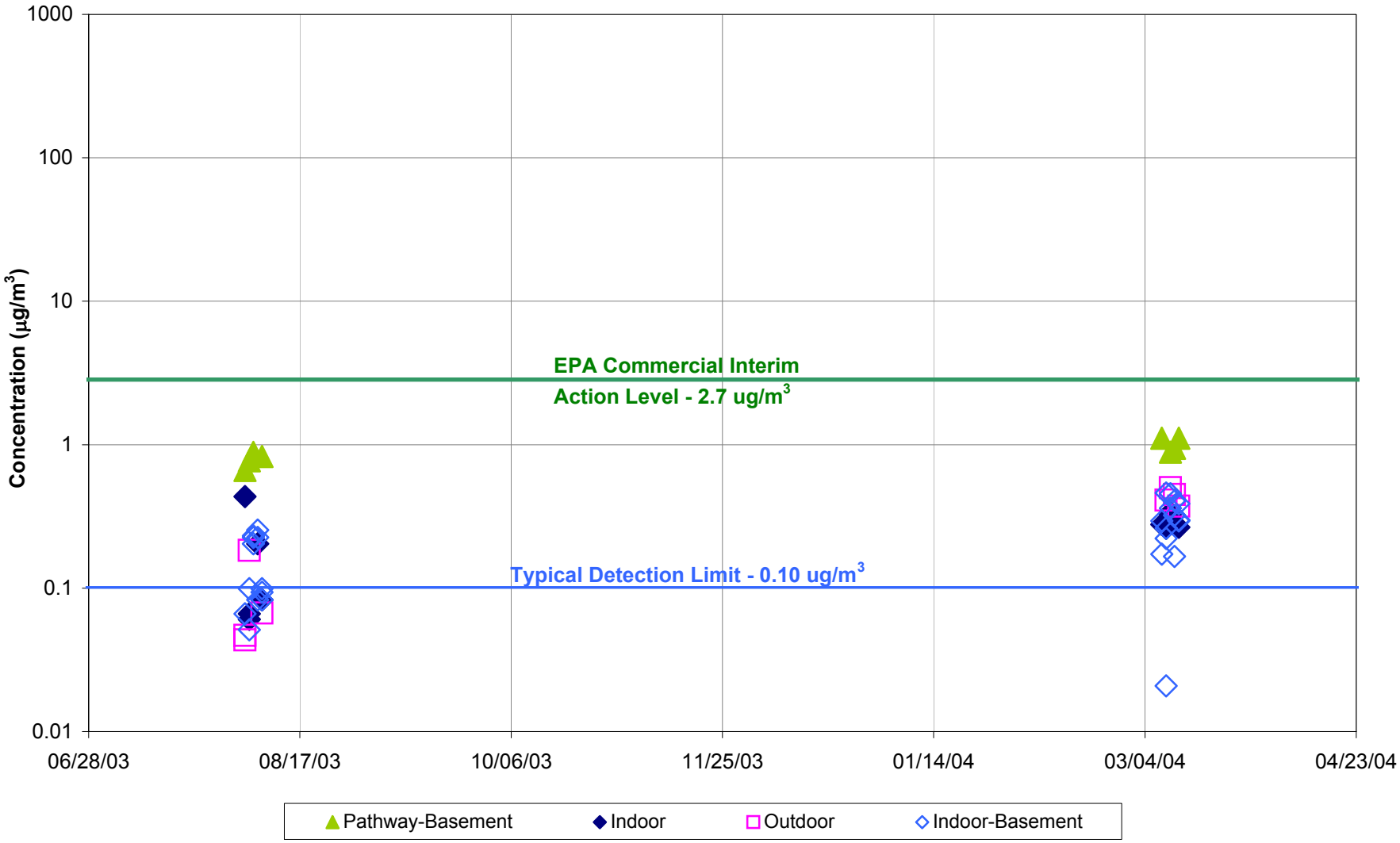


Figure 4-80: Plot of TCE Concentrations
Moffett Field, Building N239A

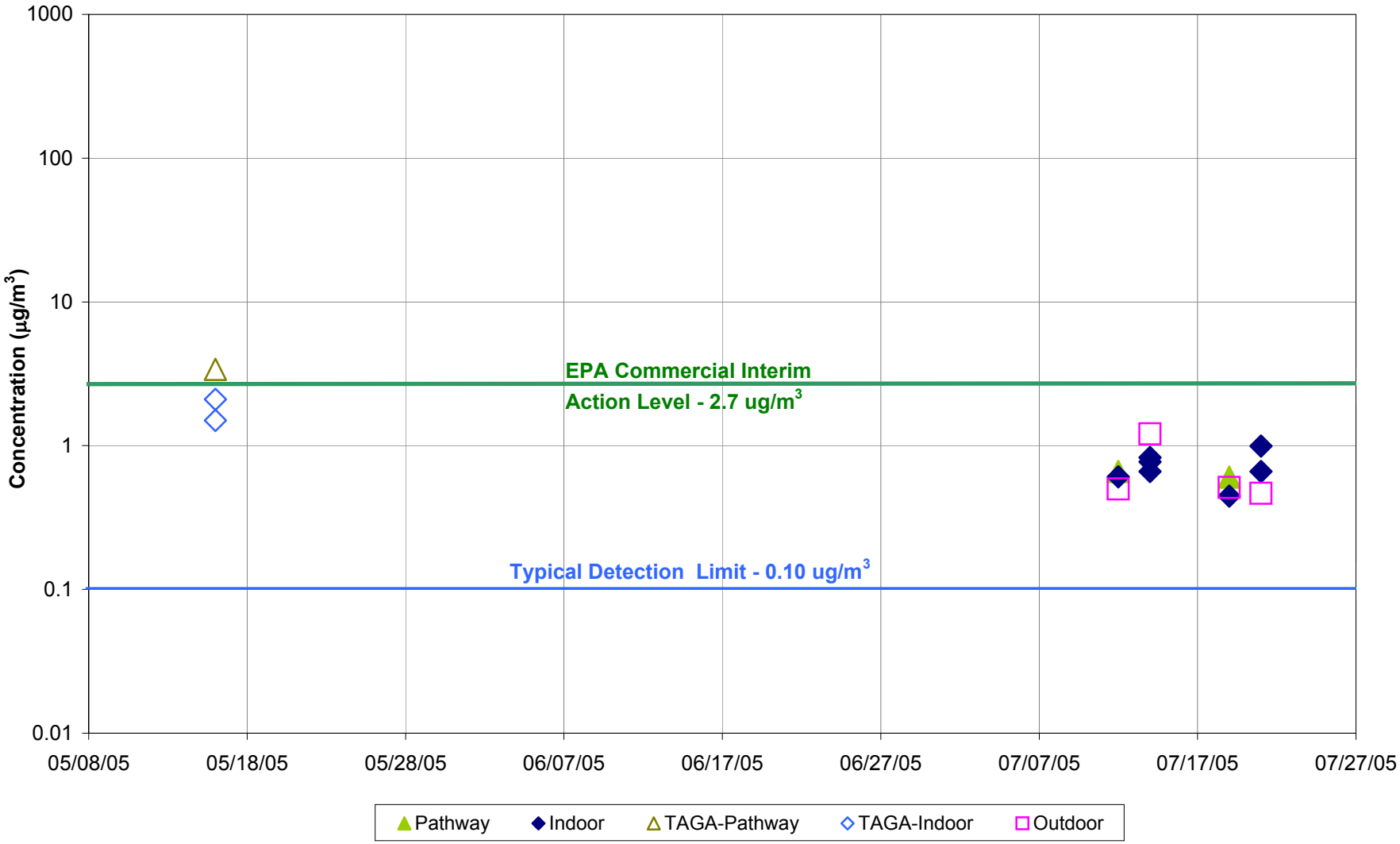


Figure 4-81: Plot of TCE Concentrations
Moffett Field, Building N259

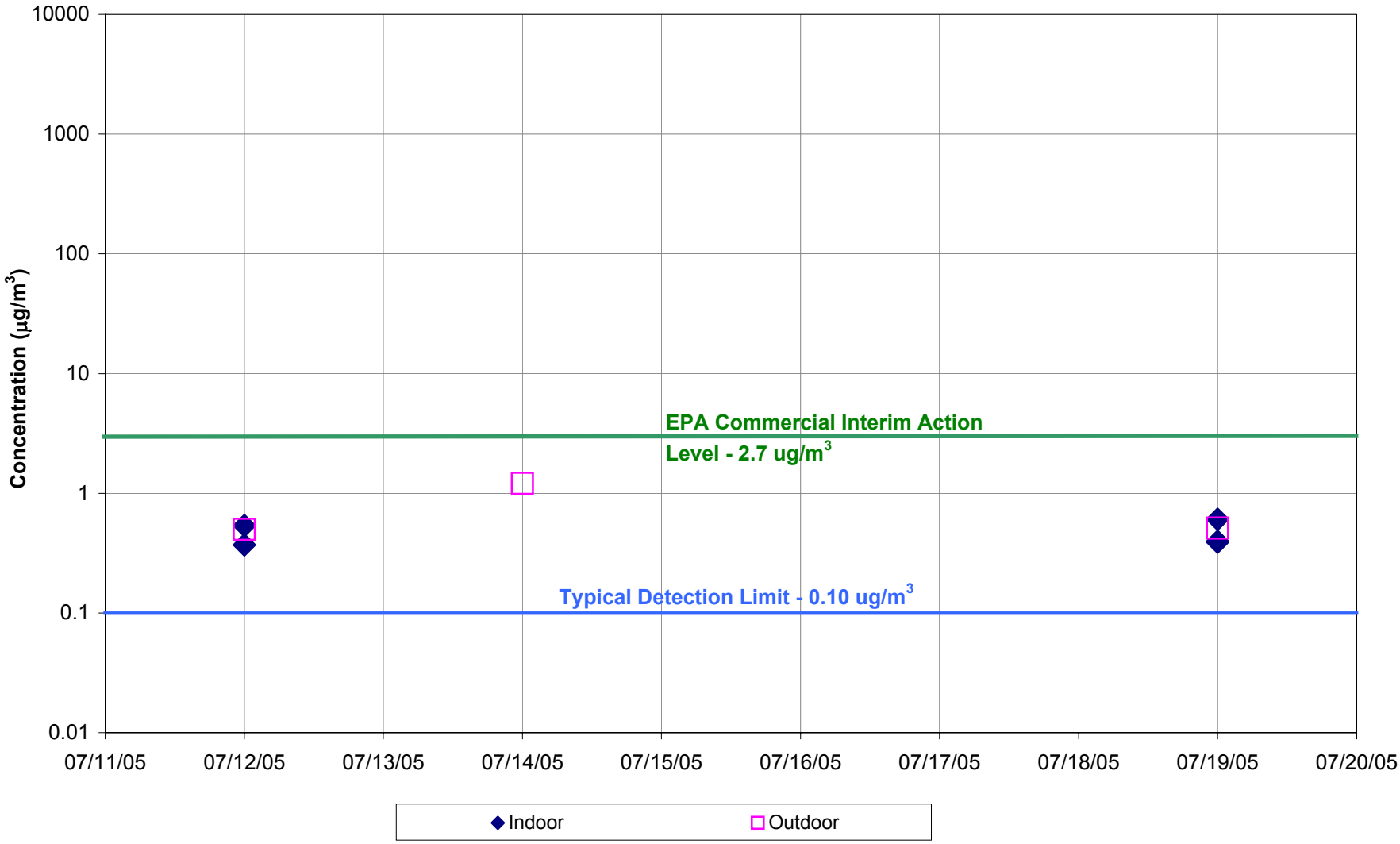


Figure 4-82: Plot of TCE Concentrations
555 Ellis Street

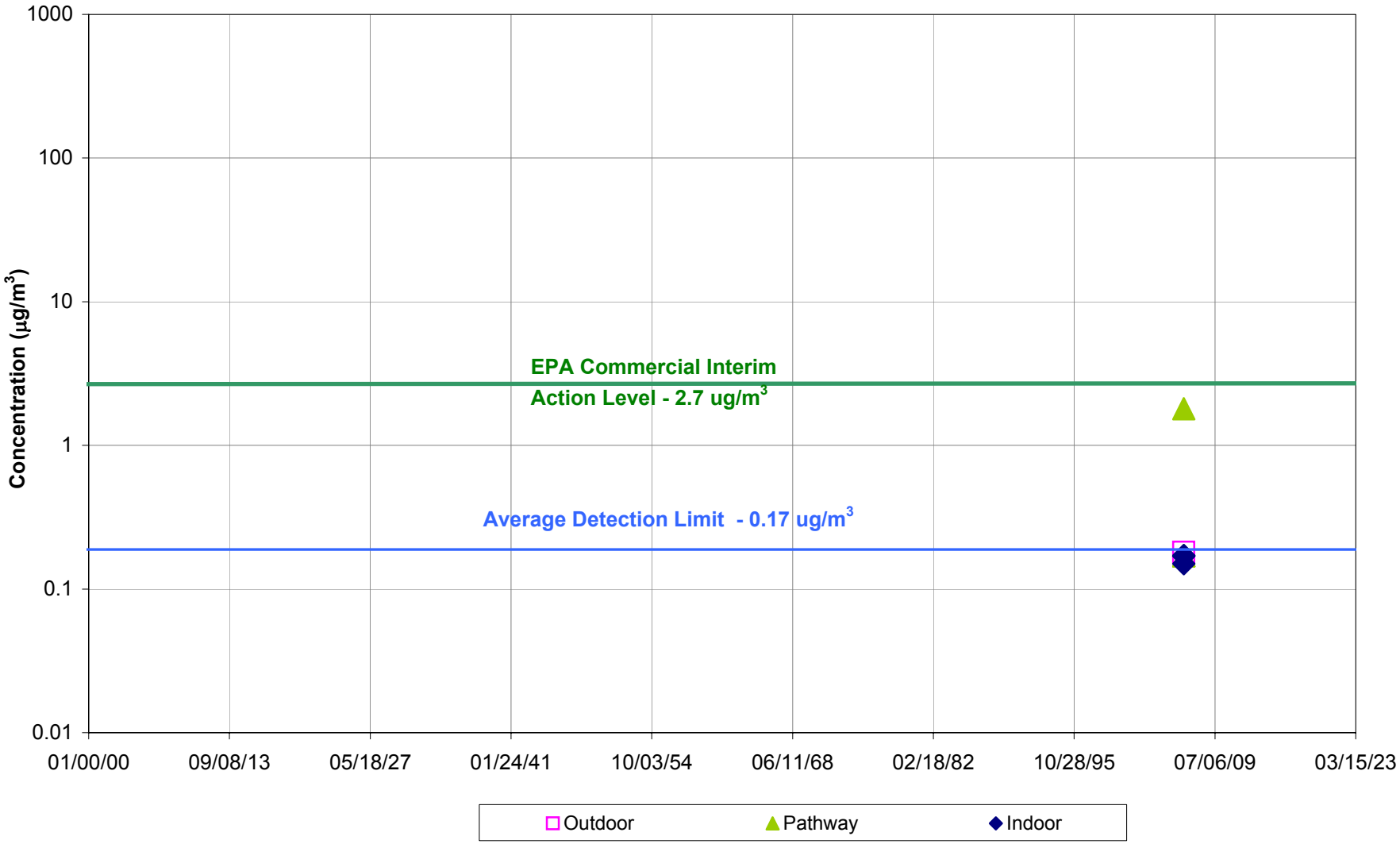


Figure 4-83: Plot of TCE Concentrations
460 E. Middlefield Road

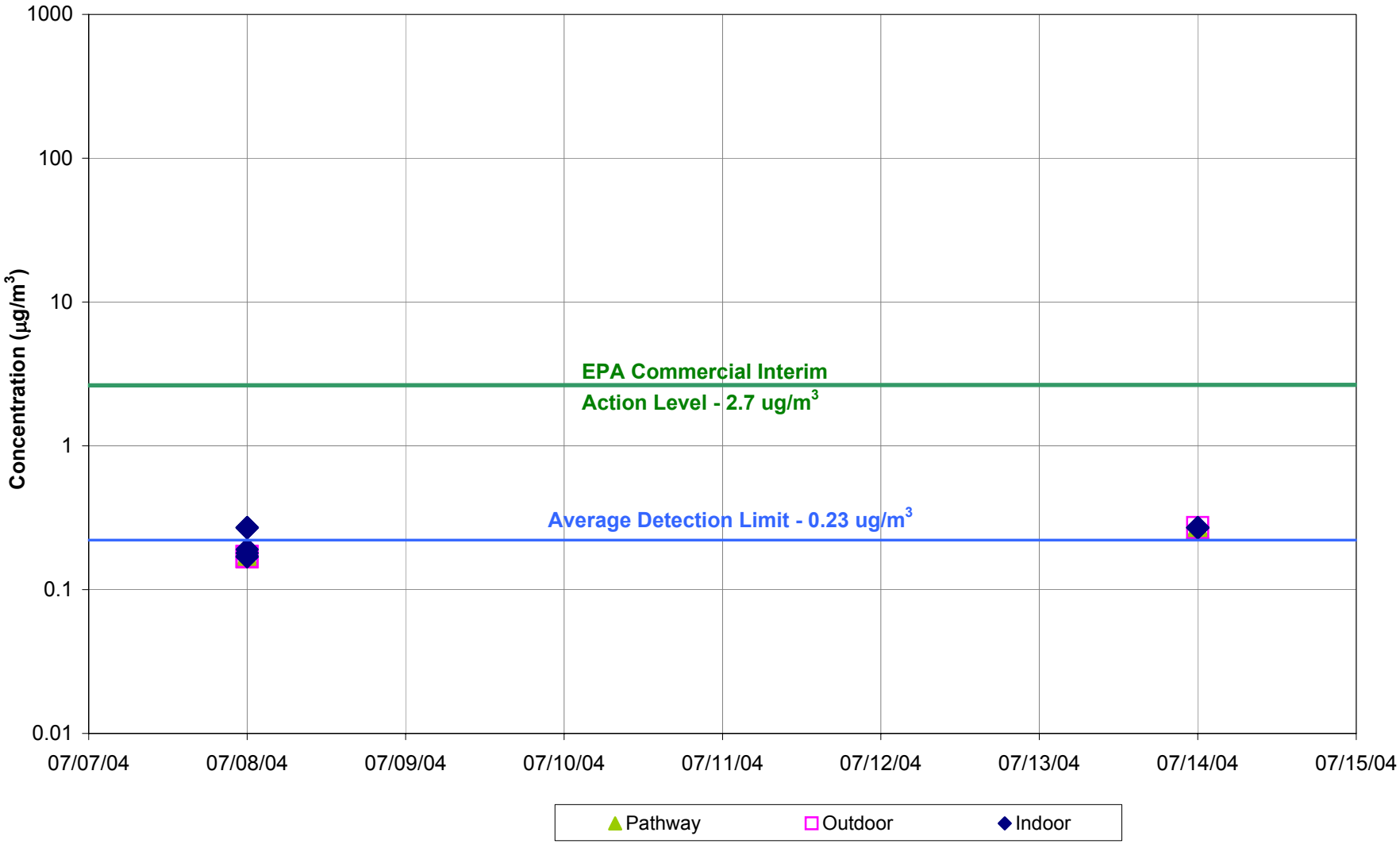


Figure 4-84: Plot of TCE Concentrations
645 National Avenue

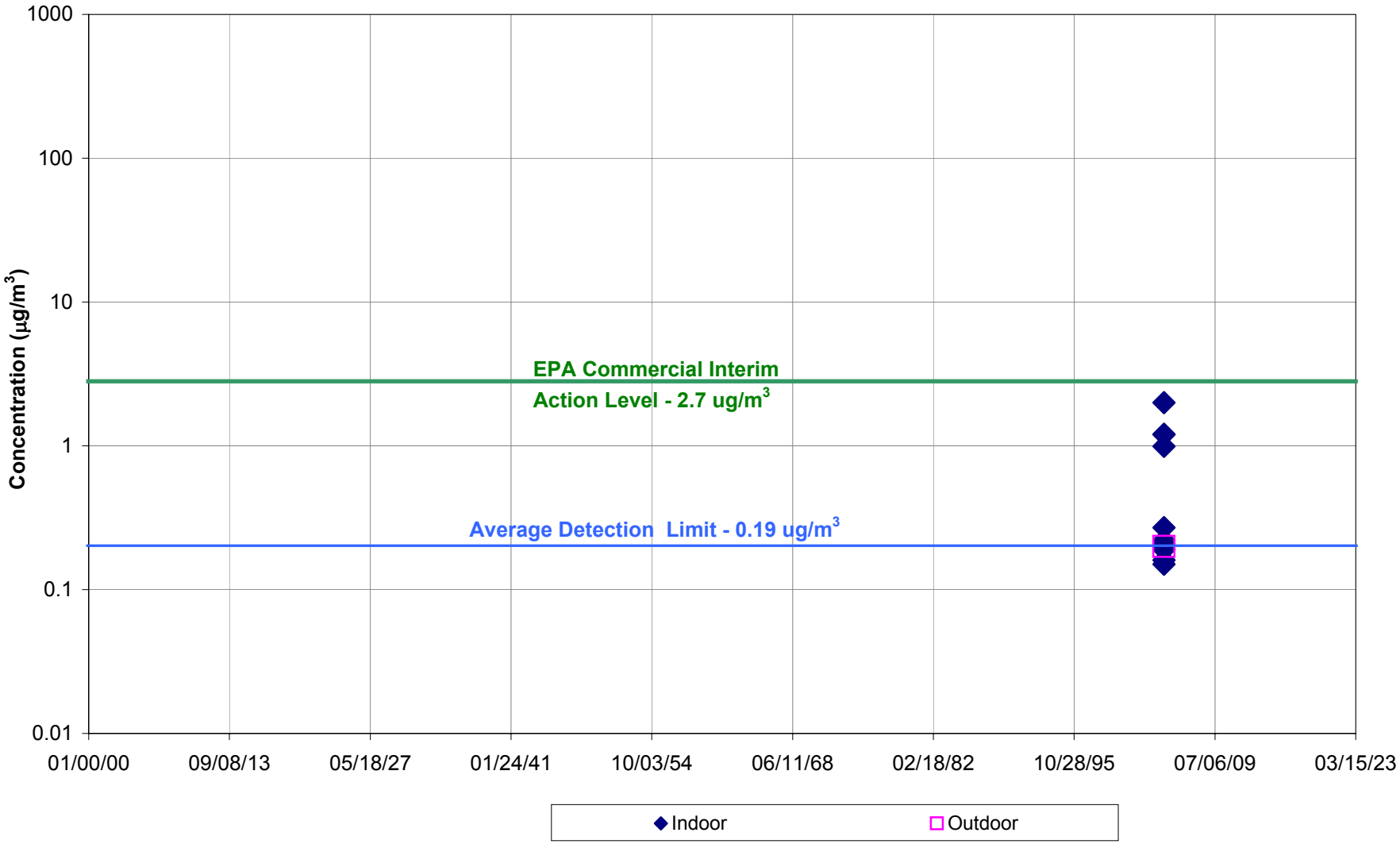


Figure 4-85: Plot of TCE Concentrations
660 National Avenue

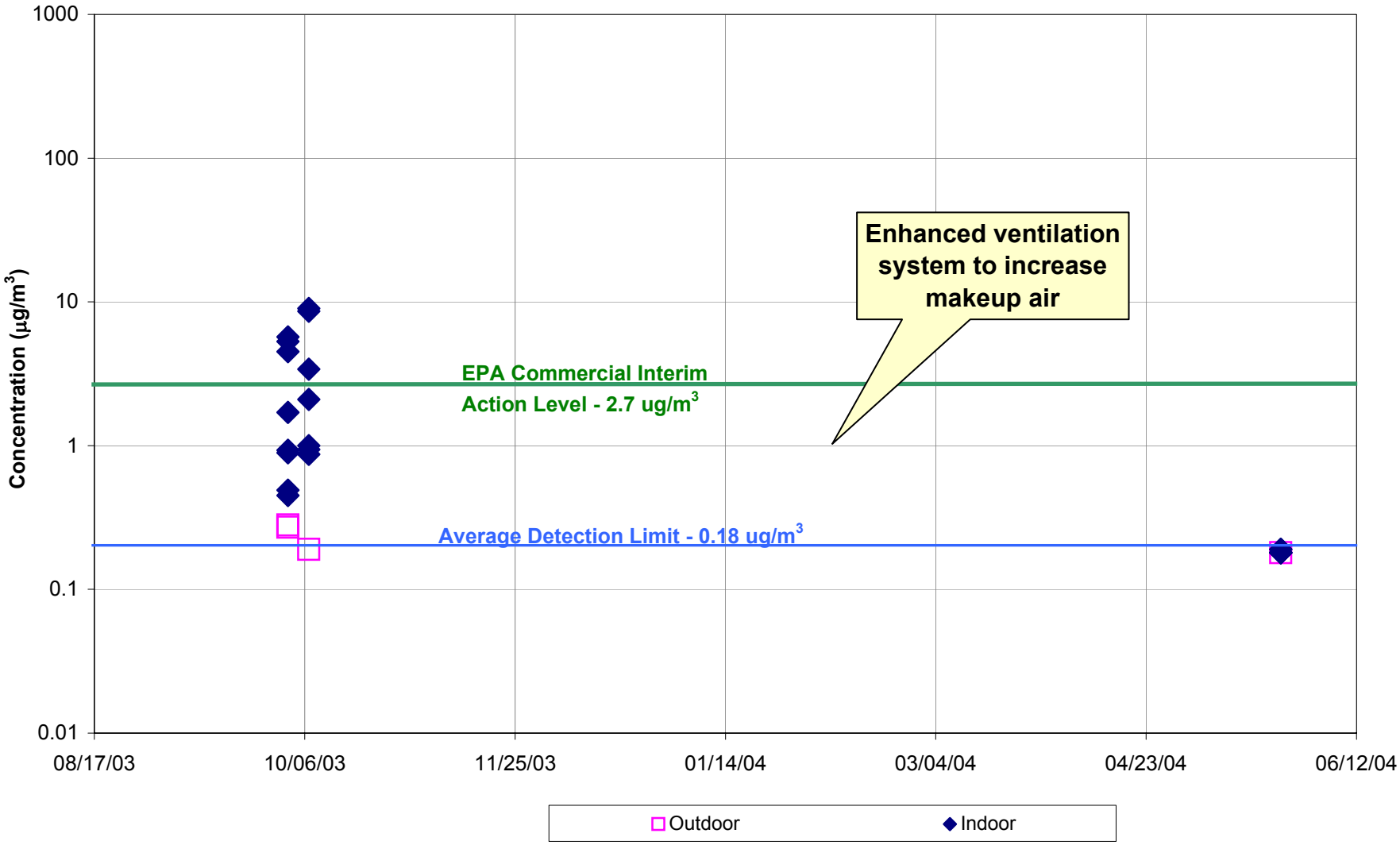
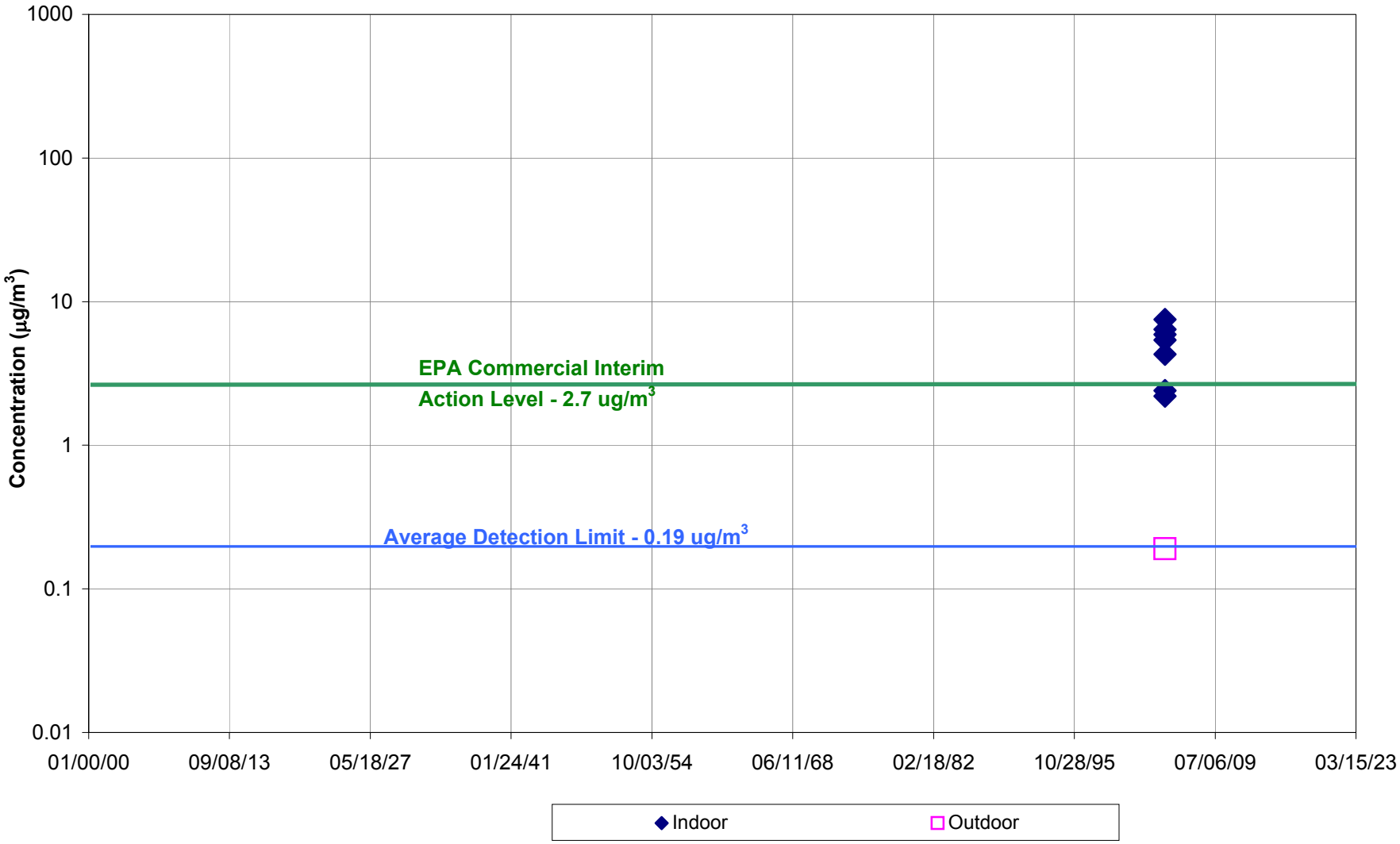
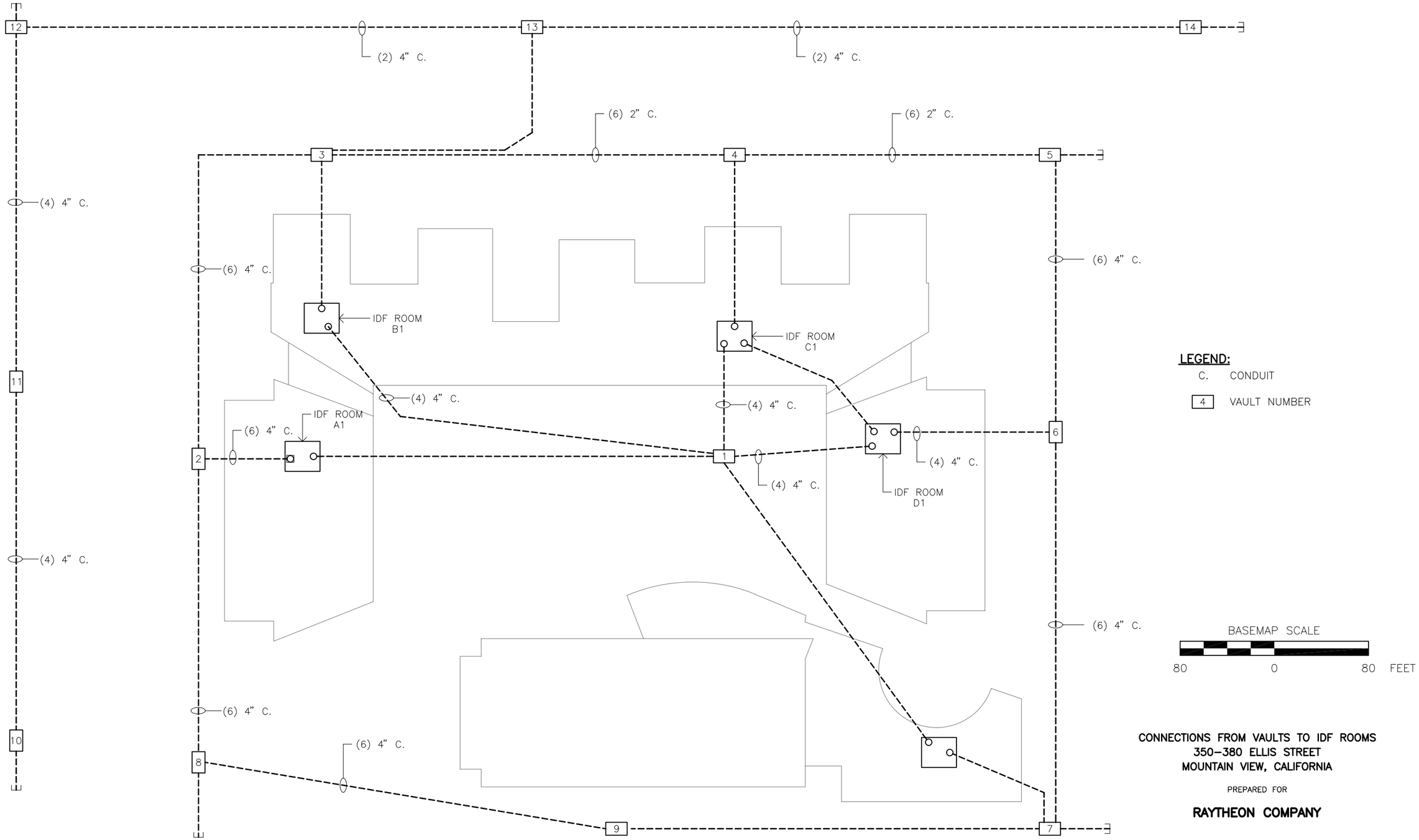


Figure 4-86: Plot of TCE Concentrations
670 National Avenue





CONNECTIONS FROM VAULTS TO IDF ROOMS
350–380 ELLIS STREET
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

RAYTHEON COMPANY

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
3	31 JUL 06	ISSUED FOR REPORT	VZC	GRG	EHH

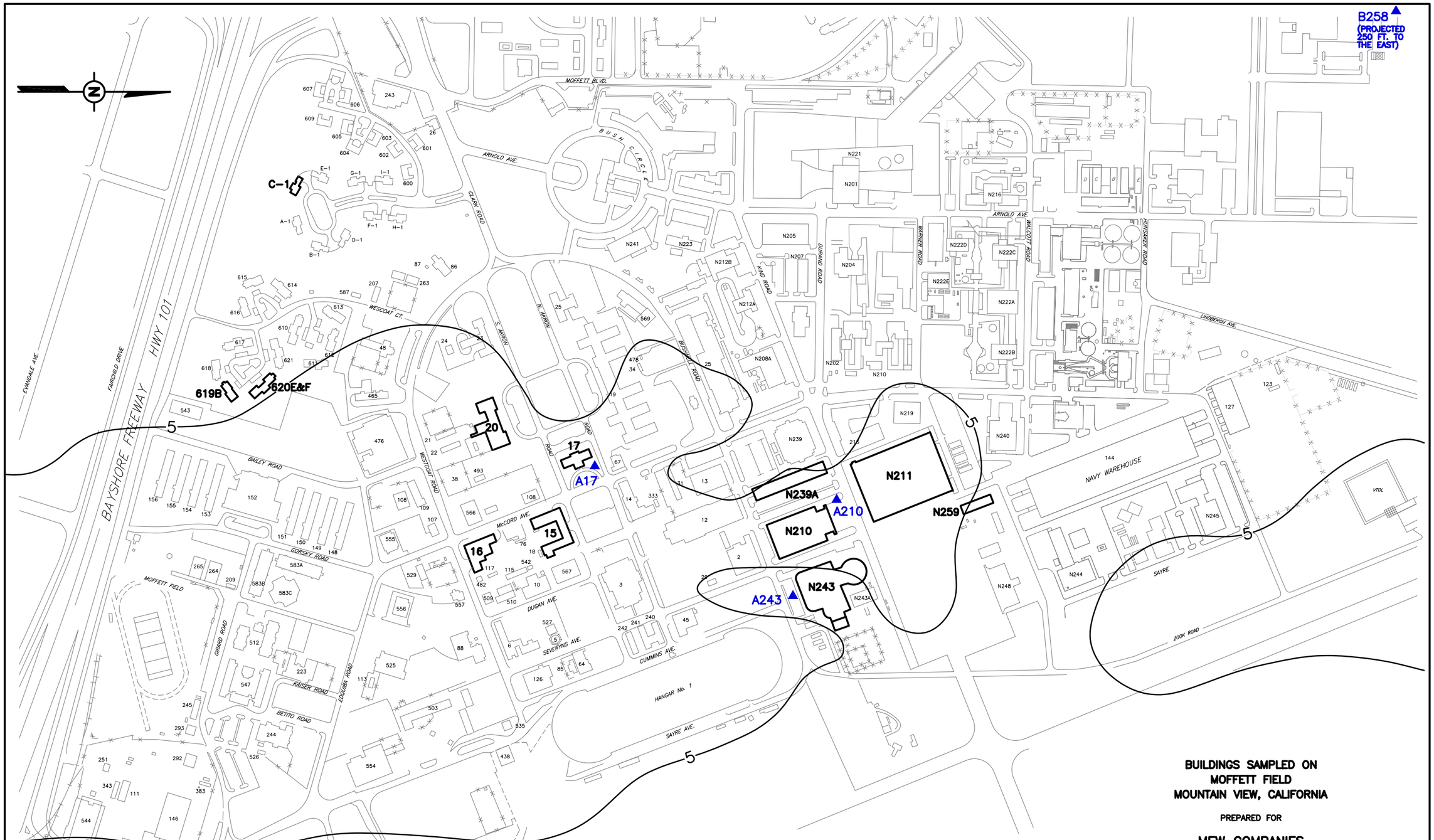
Locus TECHNOLOGIES

NOT TO SCALE

DRAWING NO. 23-016-B28

FIGURE 4–87

K:\23–016–B8.DWG 29 JUL 03



BUILDINGS SAMPLED ON
MOFFETT FIELD
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

MEW COMPANIES

LEGEND:

5 — ESTIMATED TCE CONCENTRATION CONTOUR, ug/L. (TCE CONTOUR FROM WEISS ASSOCIATES, 2004 ANNUAL PROGRESS REPORT, MEW STUDY AREA)

▲ A210 — OUTDOOR AIR SAMPLE LOCATION

NOTES:

1. B258 IS THE LOCATION OF NASA'S BACKGROUND SAMPLING STATION.

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
1	31 JUL 06	ISSUED FOR REPORT	VZC	JDR	EHH

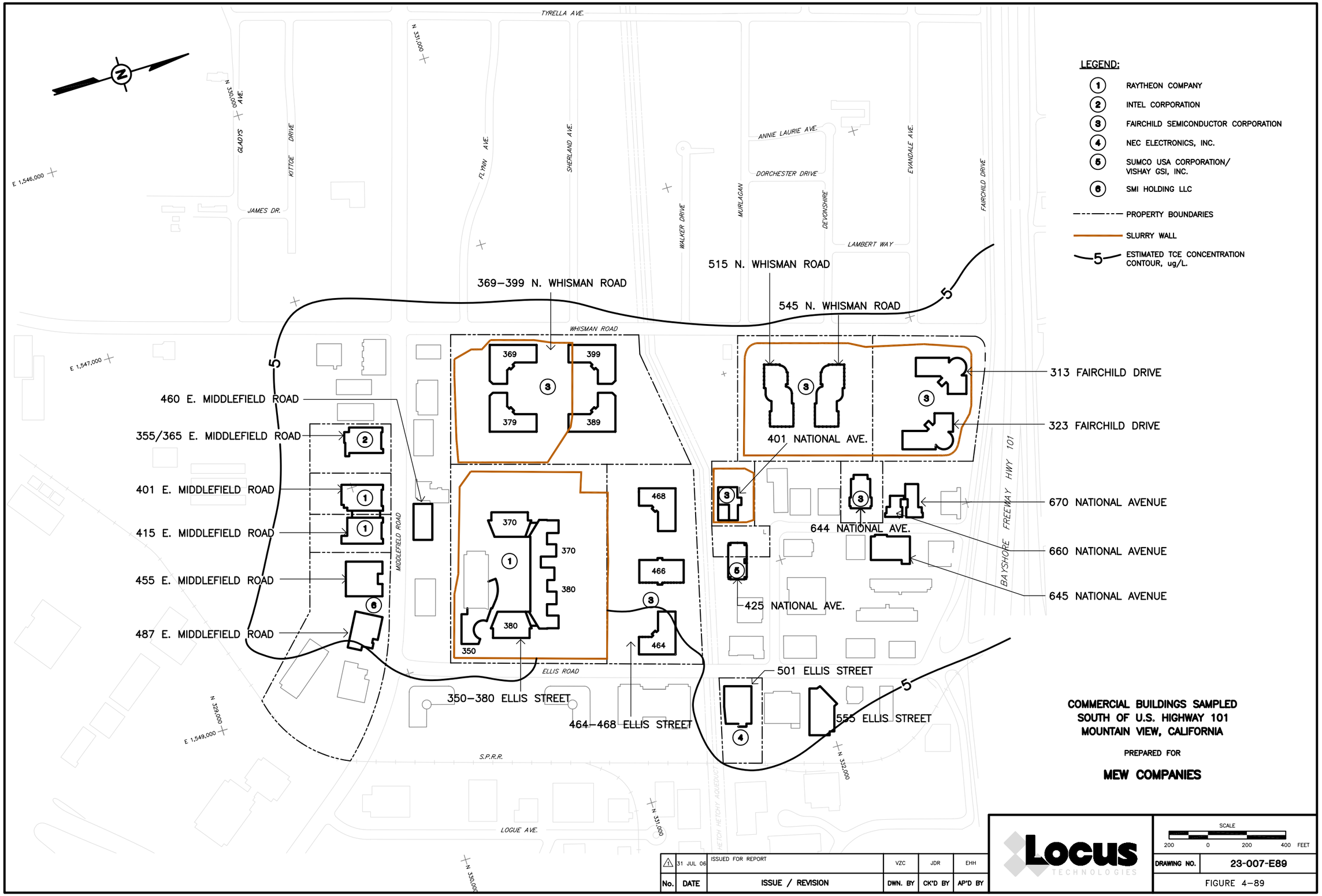
Locus TECHNOLOGIES

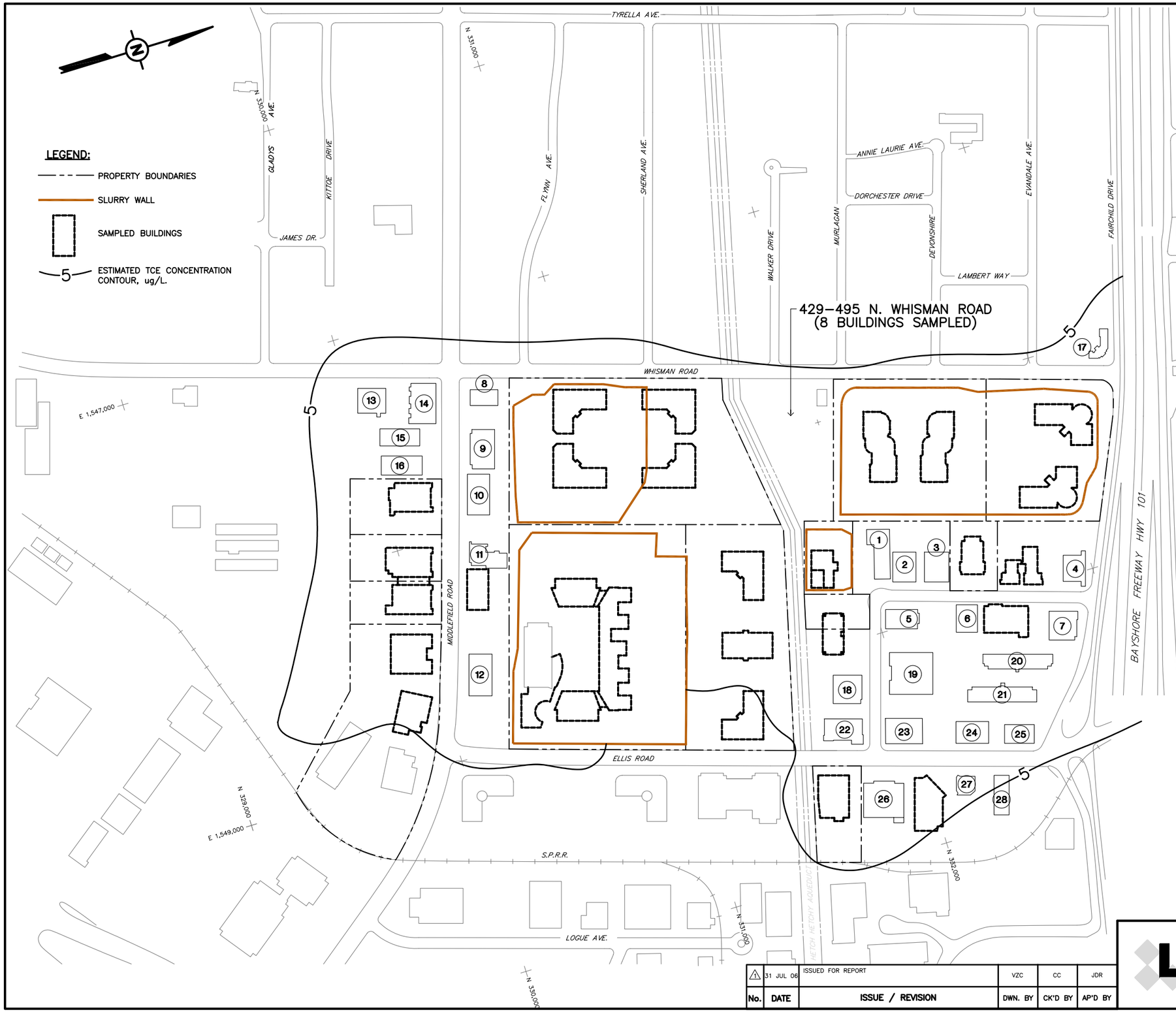
SCALE: 200 0 200 400 FEET

DRAWING NO. 23-007-E88

FIGURE 4-88

K:\23-007\E88.DWG 13 JUL 06


LEGEND:
1 RAYTHEON COMPANY
2 INTEL CORPORATION
3 FAIRCHILD SEMICONDUCTOR CORPORATION
4 NEC ELECTRONICS, INC.
5 SUMCO USA CORPORATION/ VISHAY GSI, INC.
6 SMI HOLDING LLC
PROPERTY BOUNDARIES
SLURRY WALL
5 ESTIMATED TCE CONCENTRATION CONTOUR, ug/L.
TYRELLA AVE.
GLADYS AVE.
KITTOE DRIVE
JAMES DR.
FLYNN AVE.
SHERLAND AVE.
WALKER DRIVE
MURLAGAN
ANNIE LAURIE AVE.
DORCHESTER DRIVE
DEVONSHIRE
LAMBERT WAY
EVANDALE AVE.
FAIRCHILD DRIVE
WHISMAN ROAD
MIDDLEFIELD ROAD
ELLIS ROAD
NATIONAL AVE.
BAYSHORE FREEWAY HWY 101
S.P.R.R.
LOGUE AVE.
HETCH HETCHY AQUEDUCT
N 330,000
N 331,000
N 332,000
N 329,000
E 1,546,000
E 1,547,000
E 1,549,000
369–399 N. WHISMAN ROAD
515 N. WHISMAN ROAD
545 N. WHISMAN ROAD
313 FAIRCHILD DRIVE
323 FAIRCHILD DRIVE
460 E. MIDDLEFIELD ROAD
355/365 E. MIDDLEFIELD ROAD
401 E. MIDDLEFIELD ROAD
415 E. MIDDLEFIELD ROAD
455 E. MIDDLEFIELD ROAD
487 E. MIDDLEFIELD ROAD
401 NATIONAL AVE.
644 NATIONAL AVE.
670 NATIONAL AVENUE
660 NATIONAL AVENUE
645 NATIONAL AVENUE
425 NATIONAL AVE.
501 ELLIS STREET
555 ELLIS STREET
350–380 ELLIS STREET
464–468 ELLIS STREET
369
399
379
389
370
370
380
380
350
468
466
464
COMMERCIAL BUILDINGS SAMPLED
SOUTH OF U.S. HIGHWAY 101
MOUNTAIN VIEW, CALIFORNIA
PREPARED FOR
MEW COMPANIES
Locus TECHNOLOGIES
SCALE
200 0 200 400 FEET
DRAWING NO. 23-007-E89
FIGURE 4–89
No. DATE ISSUE / REVISION DWN. BY CK'D BY AP'D BY
1 31 JUL 06 ISSUED FOR REPORT VZC JDR EHH
K:\23-007\E89.DWG 12 JUL 06



NOTES:

BUILDINGS TO BE EVALUATED:

1. 612–620 NATIONAL AVENUE
2. 630 NATIONAL AVENUE
3. 640 NATIONAL AVENUE
4. 331/333 FAIRCHILD DRIVE
5. 615 NATIONAL AVENUE
6. 625 NATIONAL AVENUE
7. 411/415 FAIRCHILD DRIVE
8. 301 N. WHISMAN ROAD
9. 340–348 E. MIDDLEFIELD ROAD
10. 440 E. MIDDLEFIELD ROAD
11. 448 E. MIDDLEFIELD ROAD
12. 490 E. MIDDLEFIELD ROAD
13. 265/275 N. WHISMAN ROAD
14. 325 E. MIDDLEFIELD ROAD
15. 335 E. MIDDLEFIELD ROAD
16. 345 E. MIDDLEFIELD ROAD
17. 299 FAIRCHILD DRIVE
18. 465 NATIONAL AVENUE
19. 450 NATIONAL AVENUE
20. 465 FAIRCHILD DRIVE, BLDG. B
21. 465 FAIRCHILD DRIVE, BLDG. A
22. 486 ELLIS STREET
23. 500 ELLIS STREET
24. 550 ELLIS STREET
25. 491 FAIRCHILD DRIVE
26. 515 ELLIS STREET
27. 605 ELLIS STREET
28. 625 ELLIS STREET

COMMERCIAL BUILDINGS TO BE EVALUATED
SOUTH OF U.S. HIGHWAY 101
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

MEW COMPANIES

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
1	31 JUL 06	ISSUED FOR REPORT	VZC	CC	JDR

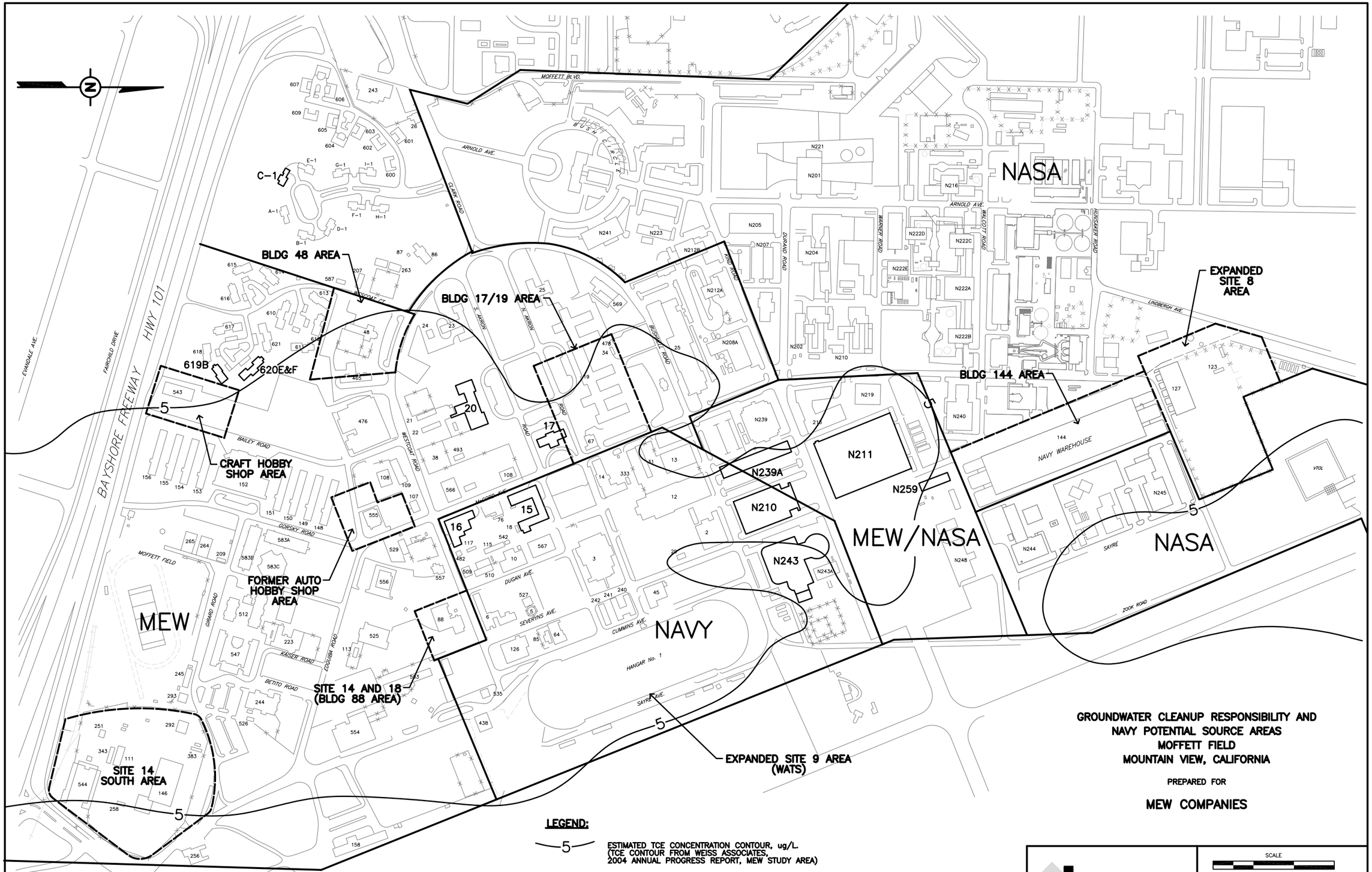
Locus TECHNOLOGIES

SCALE
200 0 200 400 FEET

DRAWING NO. 23-007-E126

FIGURE 4–90

K:\23–007\E126.DWG 26 JULY 06



GROUNDWATER CLEANUP RESPONSIBILITY AND
NAVY POTENTIAL SOURCE AREAS
MOFFETT FIELD
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

MEW COMPANIES

LEGEND:

—5— ESTIMATED TCE CONCENTRATION CONTOUR, ug/L.
(TCE CONTOUR FROM WEISS ASSOCIATES,
2004 ANNUAL PROGRESS REPORT, MEW STUDY AREA)

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
1	31 JUL 06	ISSUED FOR REPORT	VZC	JDR	EHH

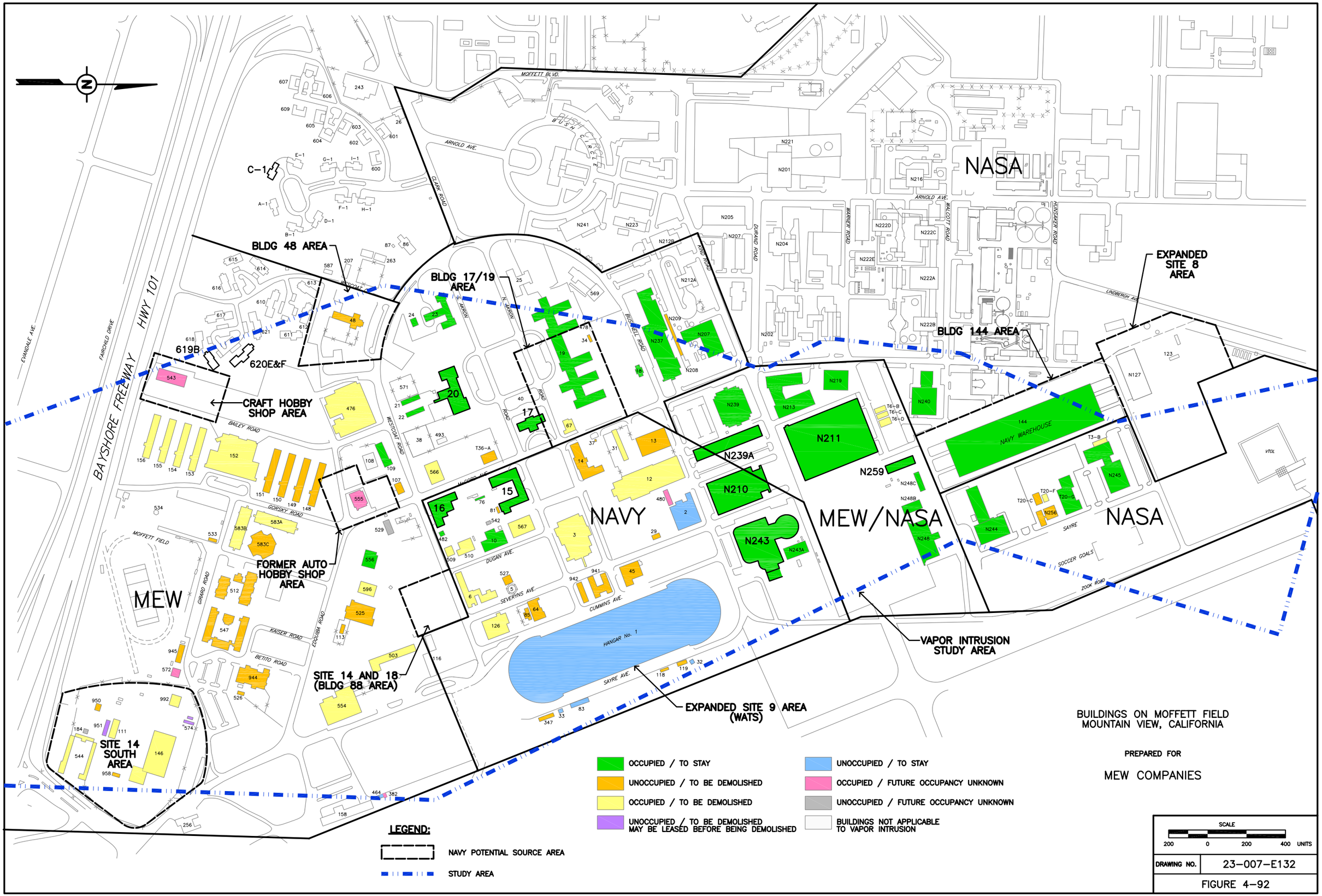
Locus TECHNOLOGIES

SCALE
200 0 200 400 FEET

DRAWING NO. 23-007-E124

FIGURE 4-91

K:\23-007\E124.DWG 26 JULY 06



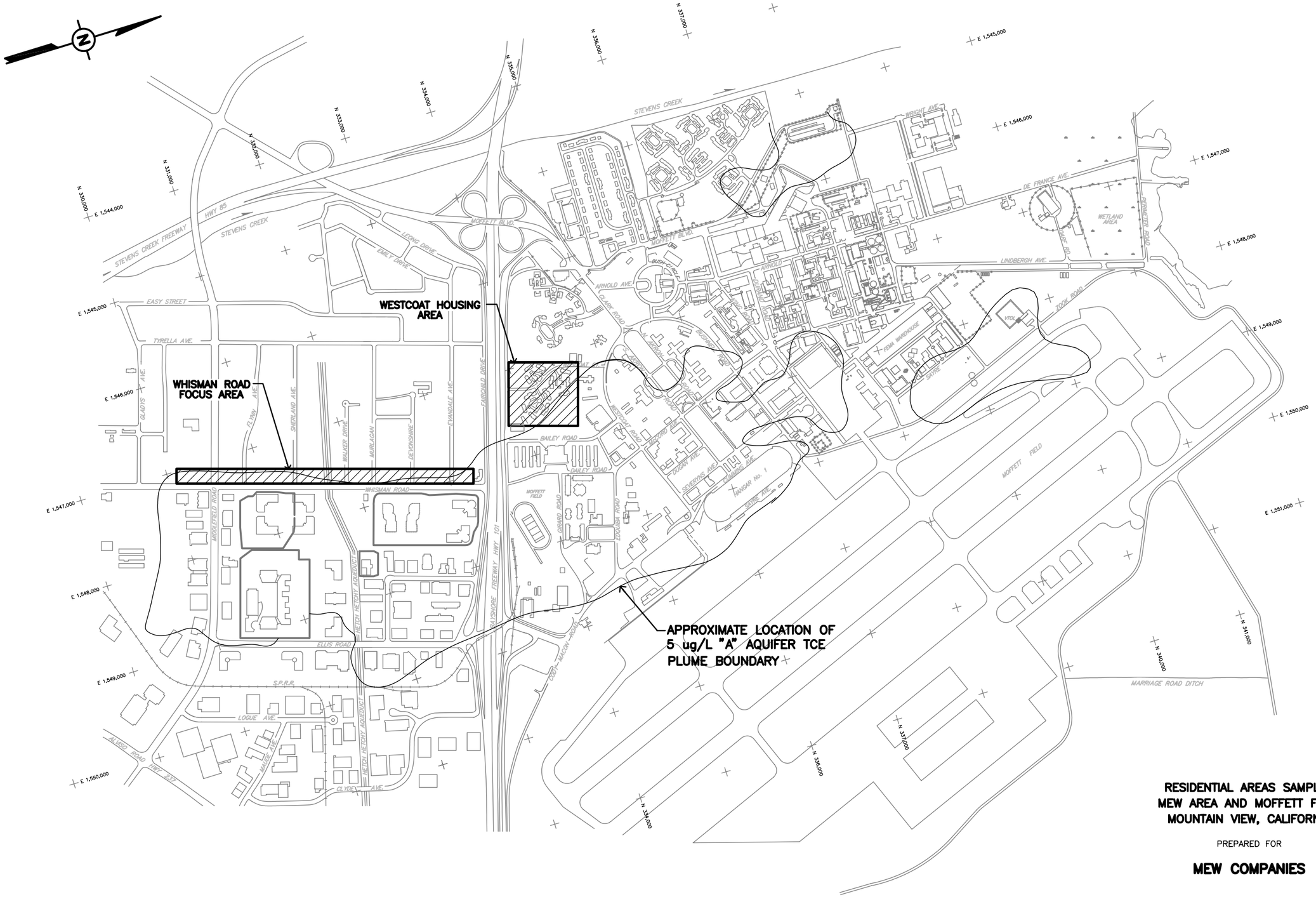
BUILDINGS ON MOFFETT FIELD
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

MEW COMPANIES

DRAWING NO.	23-007-E132

FIGURE 4-92



RESIDENTIAL AREAS SAMPLED
MEW AREA AND MOFFETT FIELD
MOUNTAIN VIEW, CALIFORNIA

PREPARED FOR

MEW COMPANIES

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
2	19 DEC 07	ISSUED FOR REPORT	RP/VZC	CNN	JDR

Locus TECHNOLOGIES

SCALE
500 0 500 1000 FEET

DRAWING NO. 23-007-E125

FIGURE 4-93

K:\23-007\E125.DWG 26 JUL 06

Figure 4-94: Plot of TCE Concentrations
Residence 1

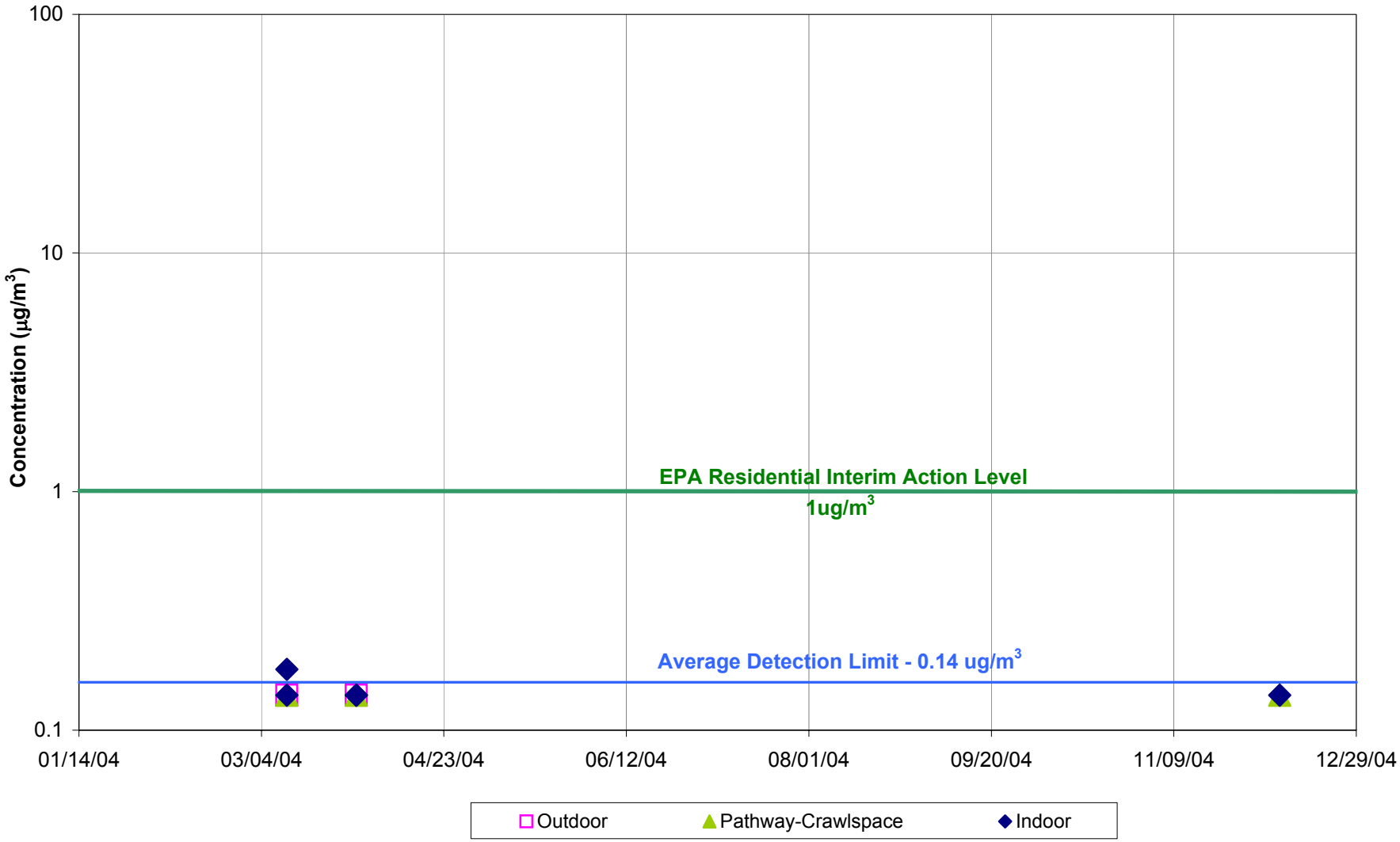


Figure 4-95: Plot of TCE Concentrations
Residence 2

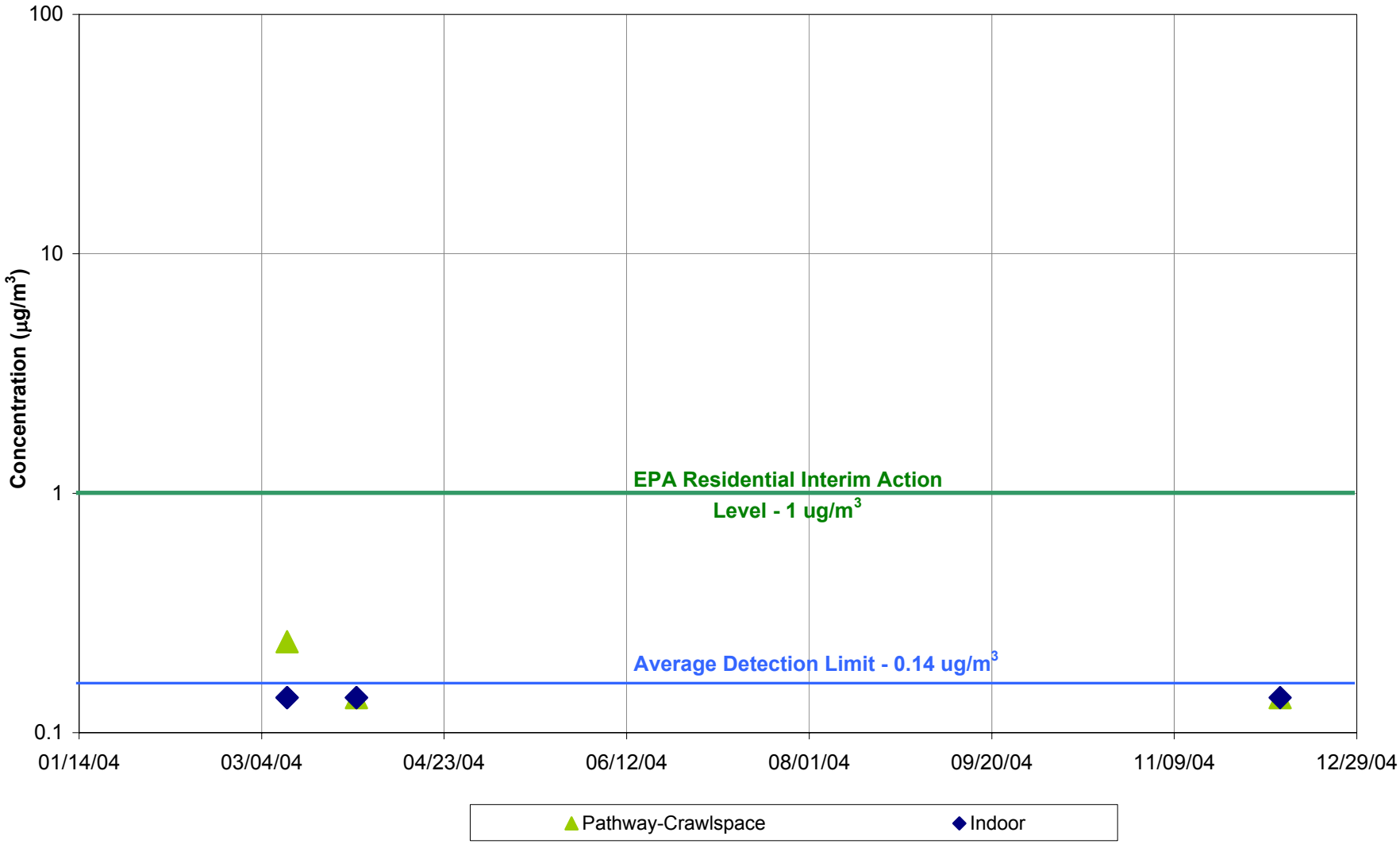


Figure 4-96: Plot of TCE Concentrations
Residence 3

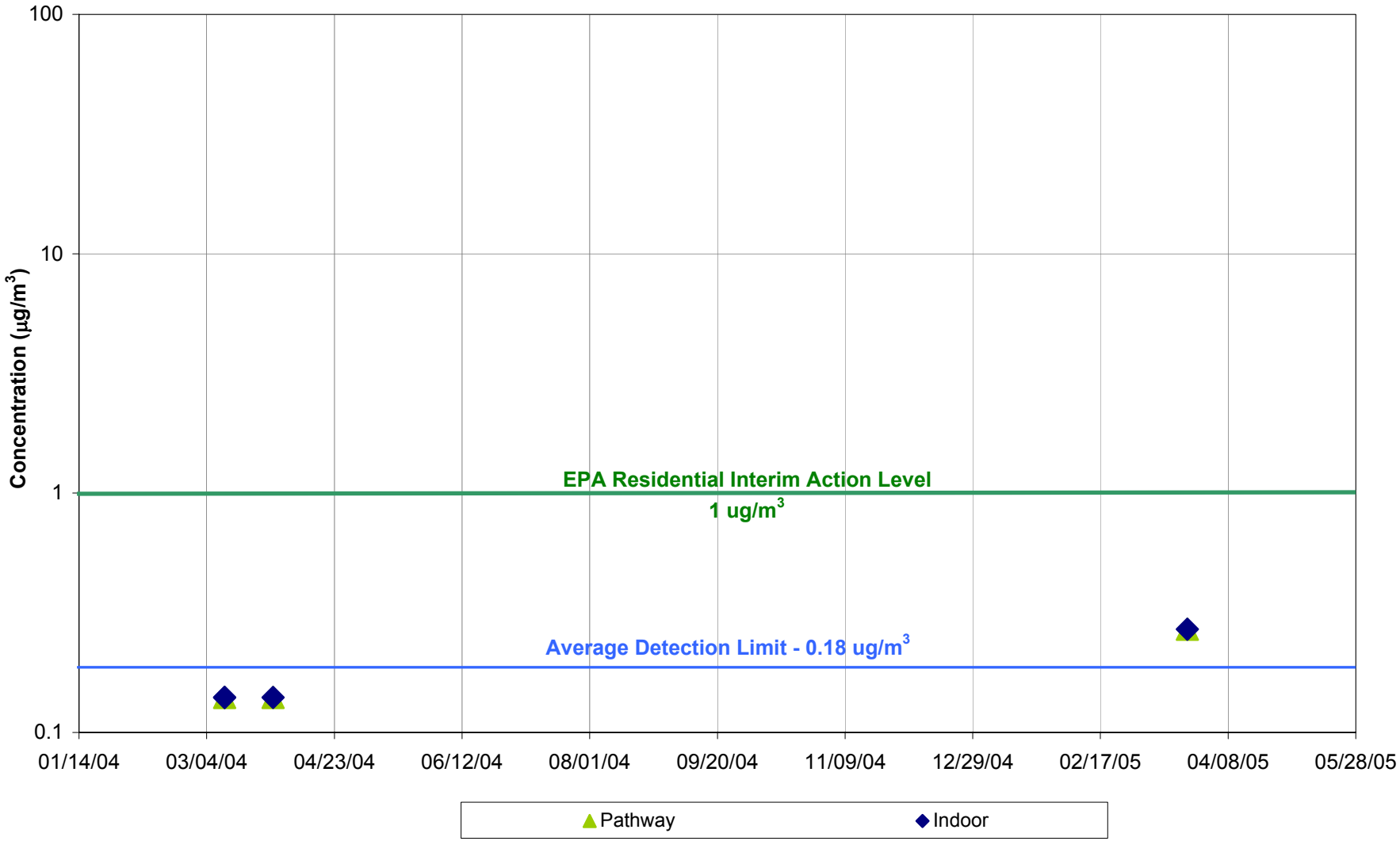


Figure 4-97: Plot of TCE Concentrations
Residence 4

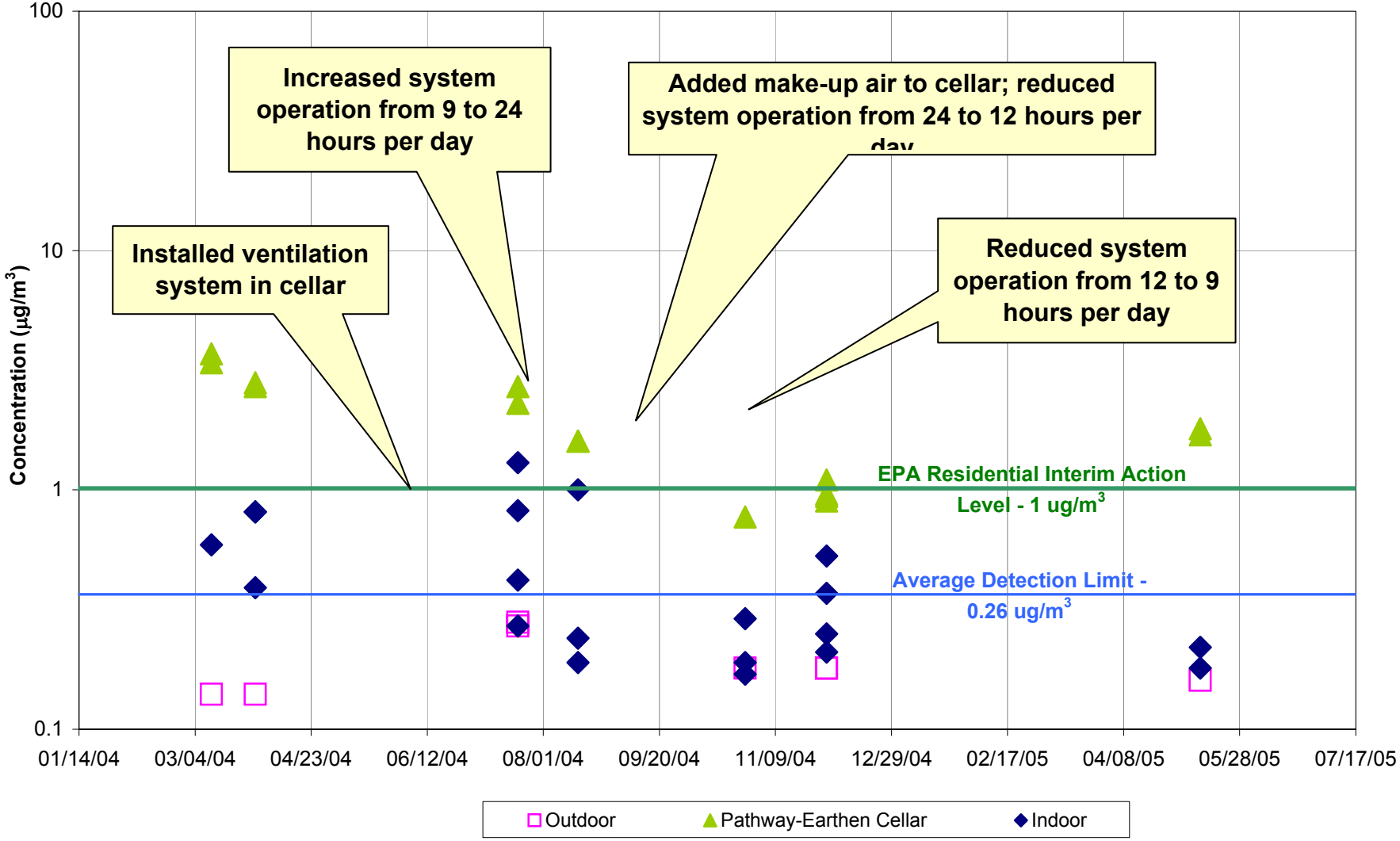


Figure 4-98: Plot of TCE Concentrations
Residence 5

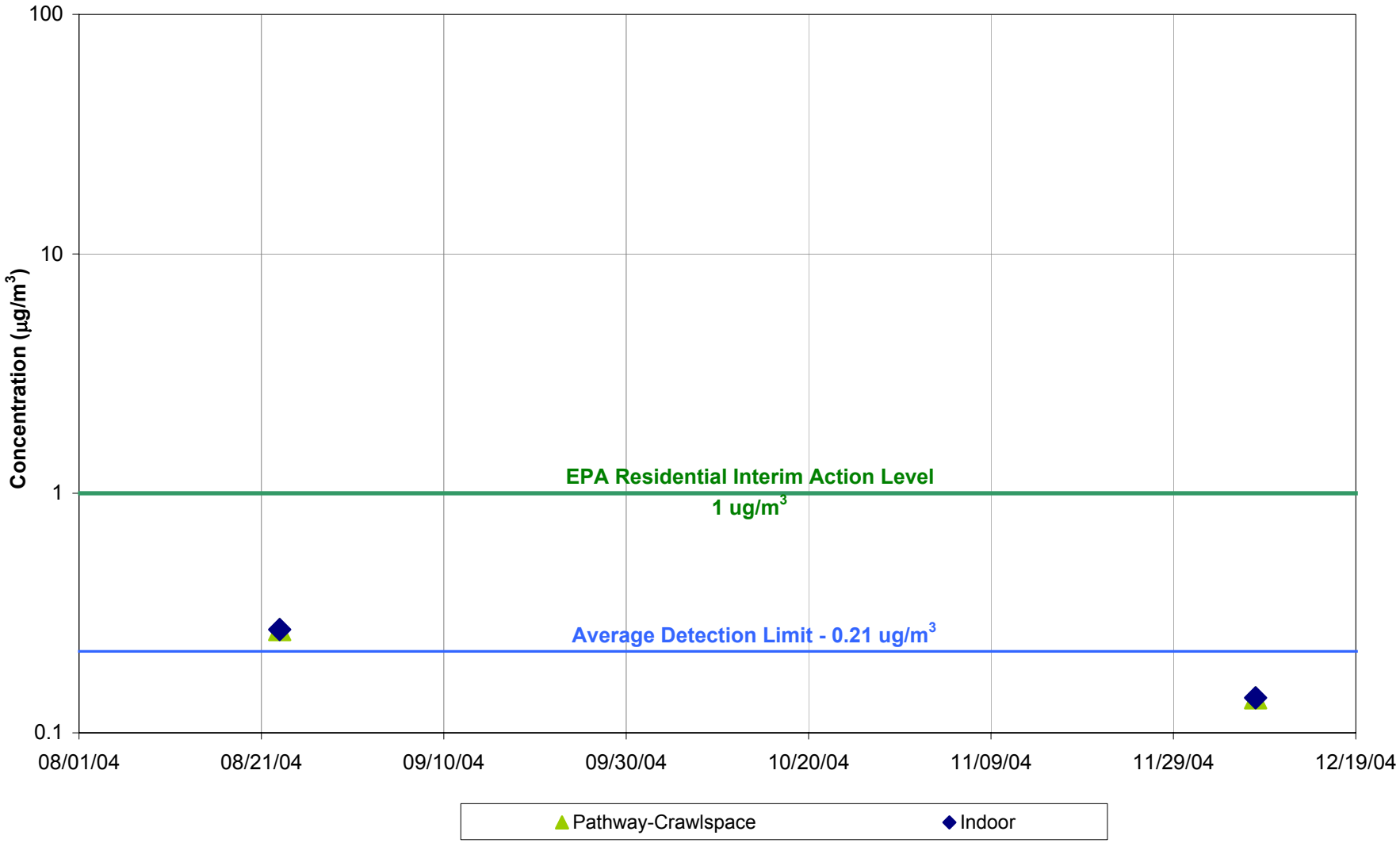


Figure 4-99: Plot of TCE Concentrations
Residence 6

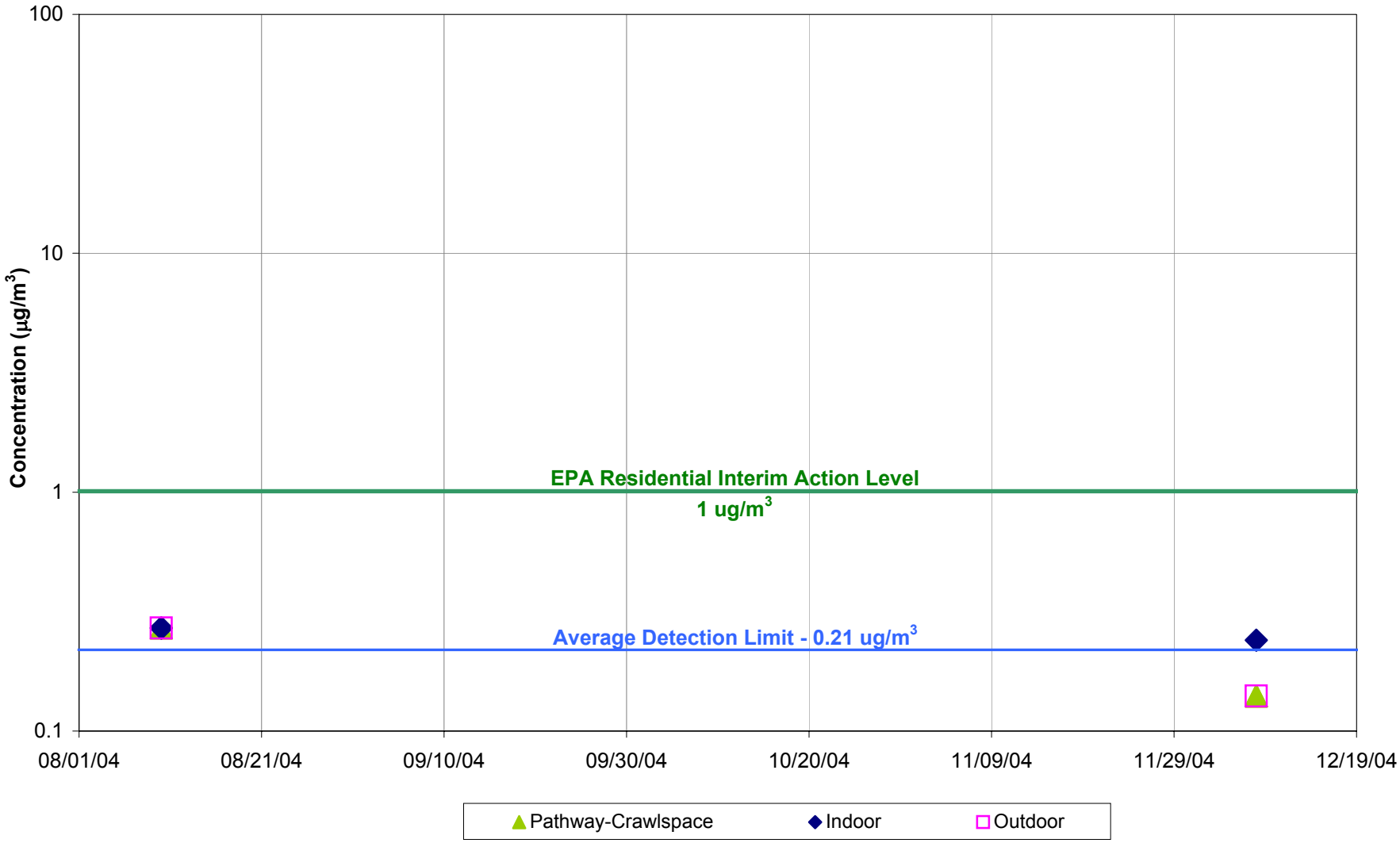


Figure 4-100: Plot of TCE Concentrations
Residence 7

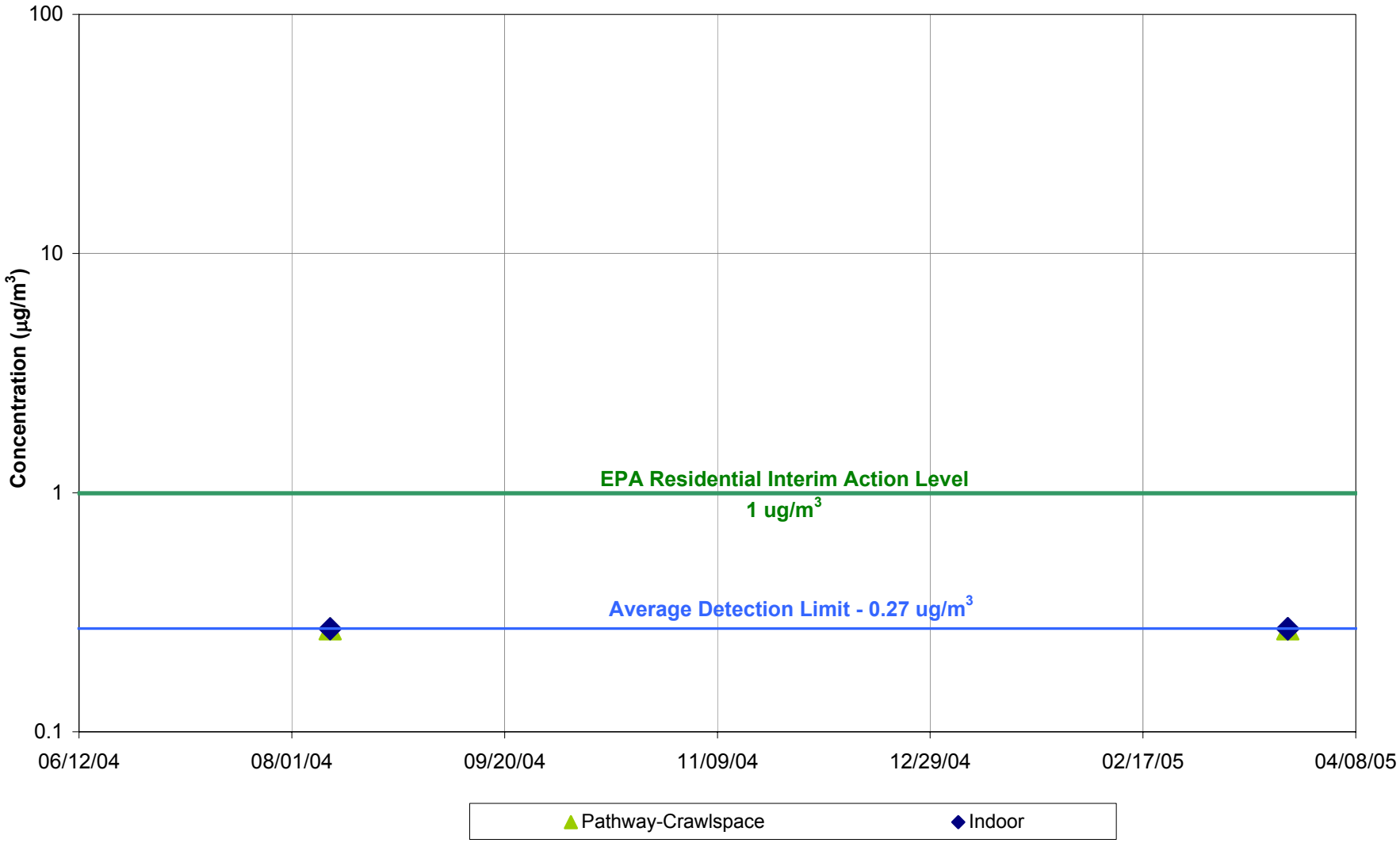


Figure 4-101: Plot of TCE Concentrations
Residence 8

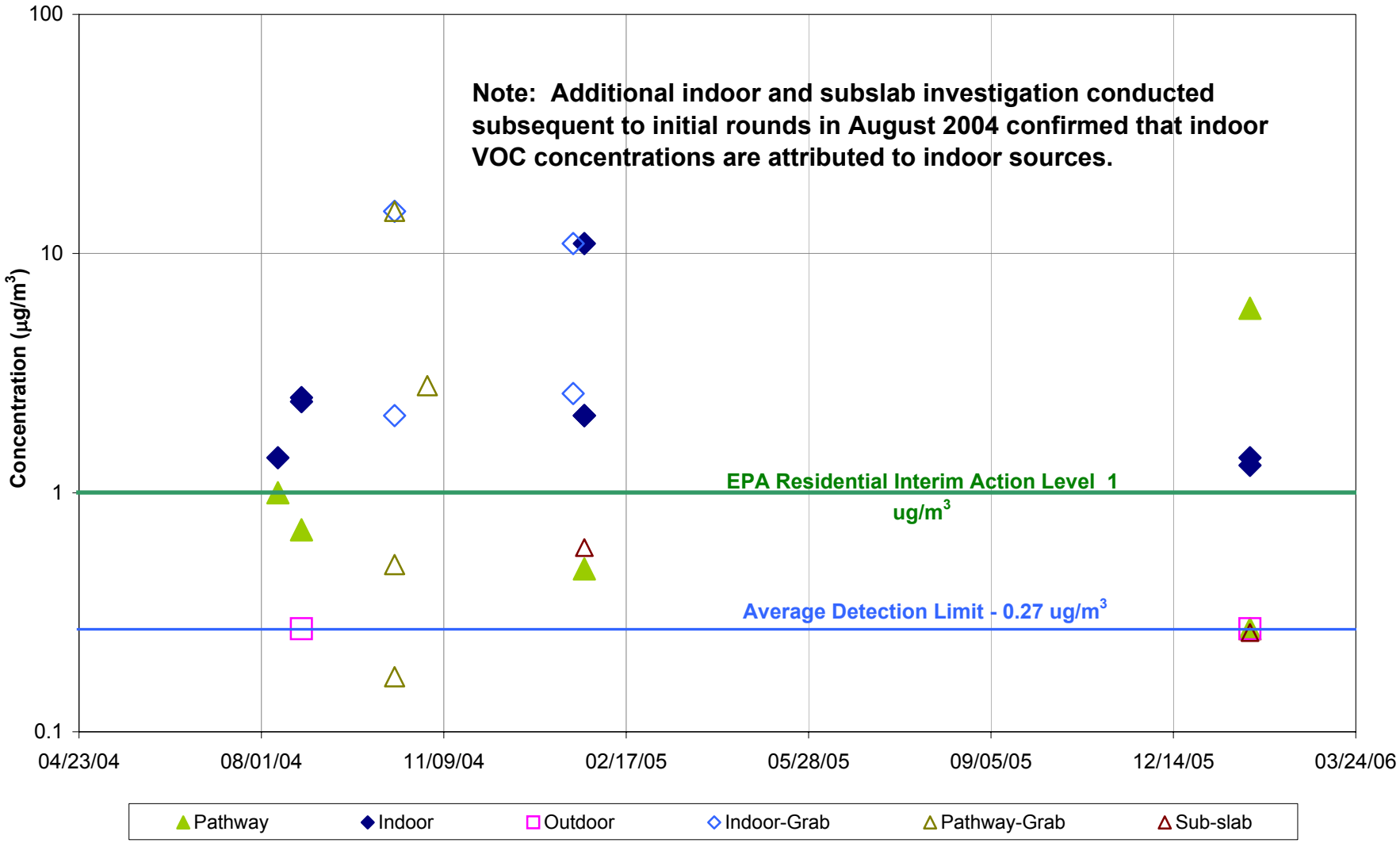


Figure 4-102: Plot of TCE Concentrations
Residence 9

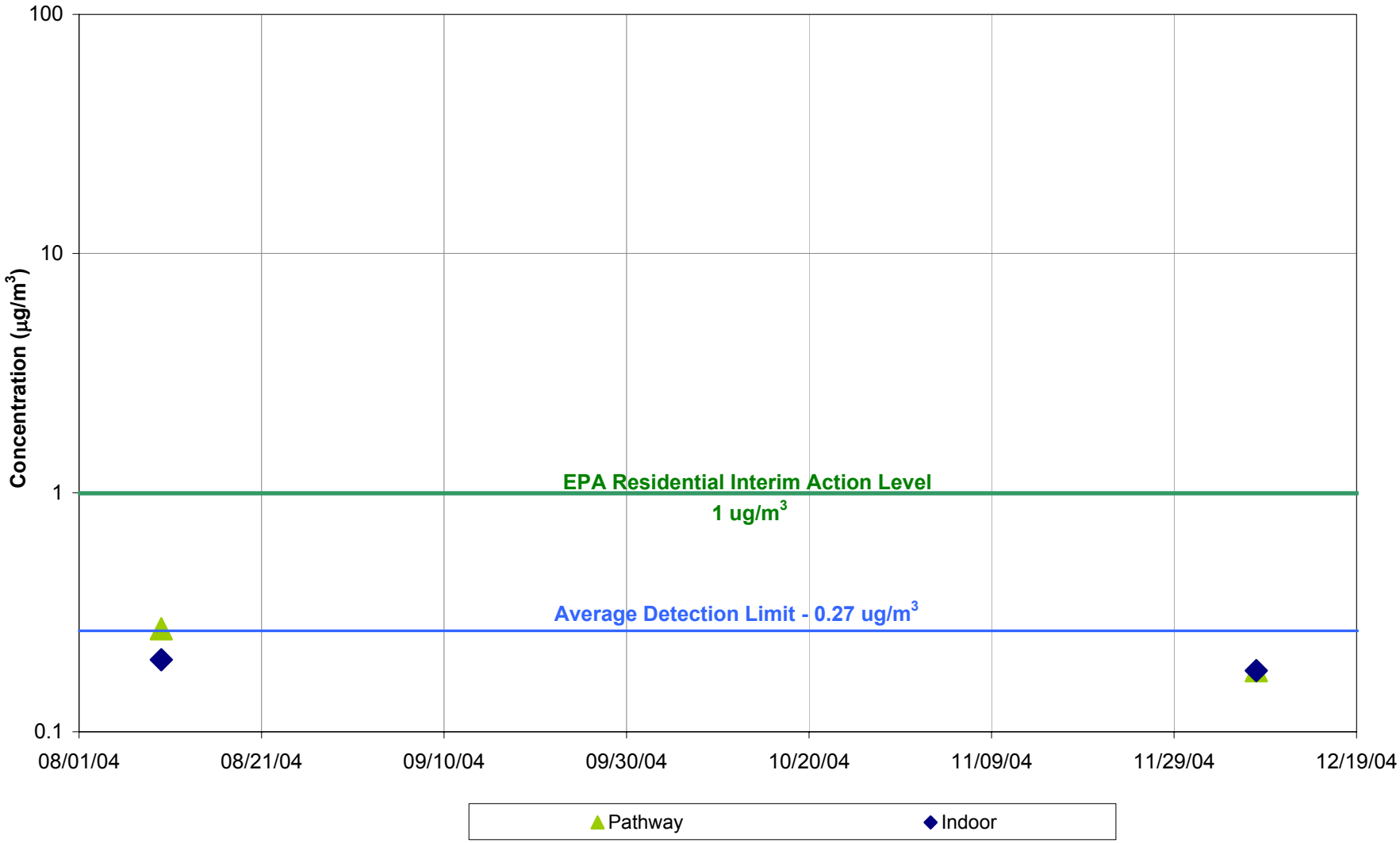


Figure 4-103: Plot of TCE Concentrations
Residence 10

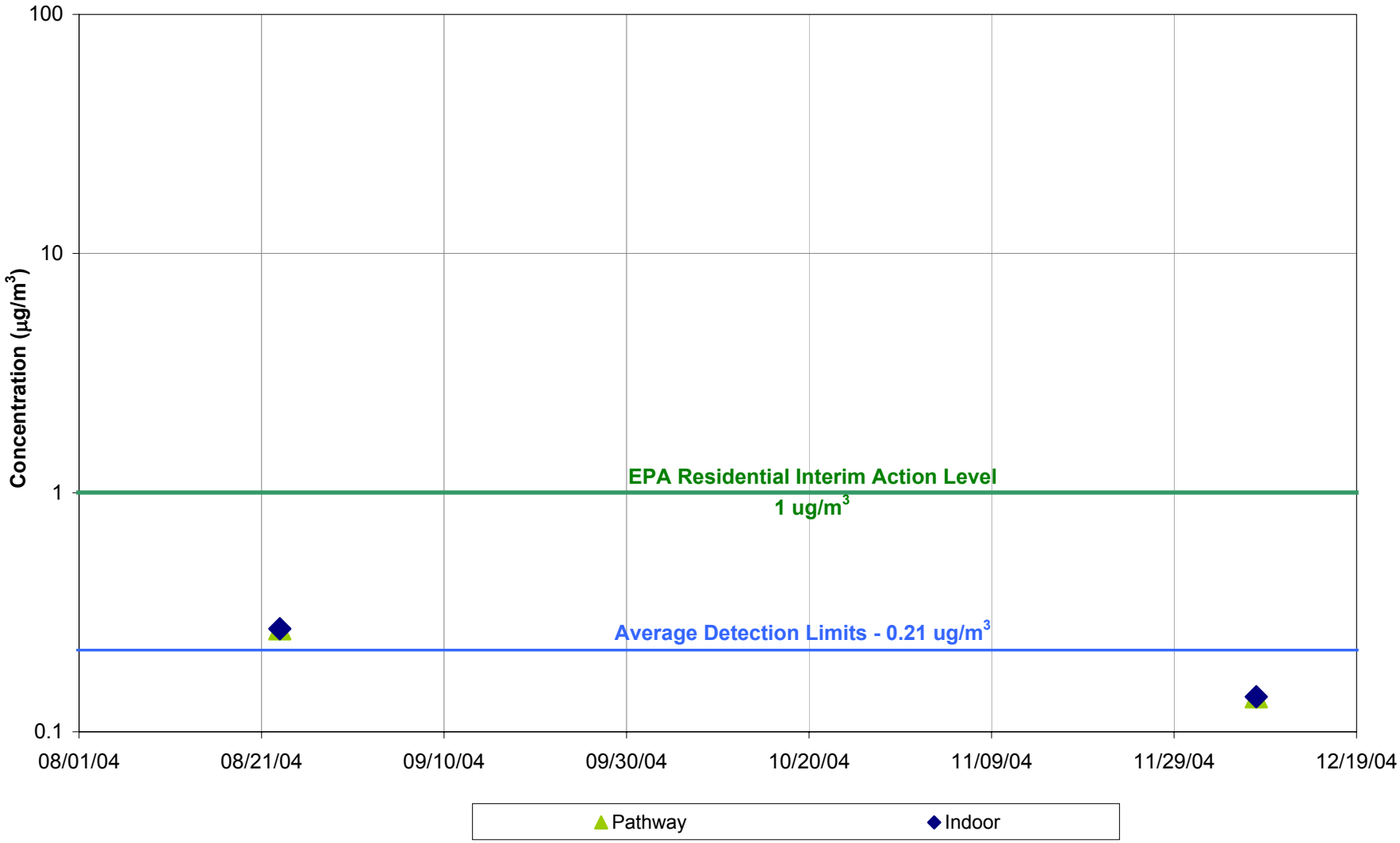


Figure 4-104: Plot of TCE Concentrations
Residence 11

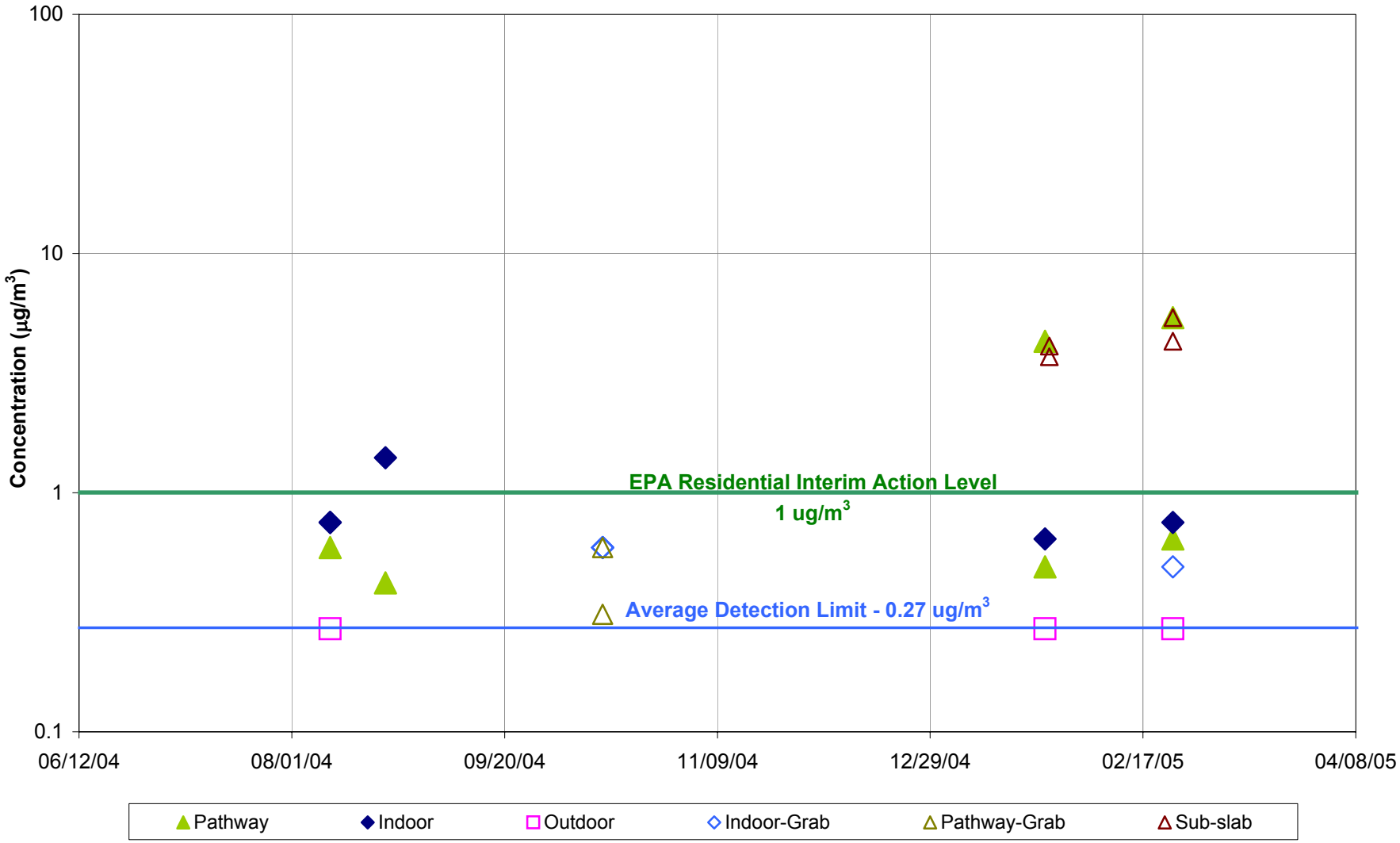


Figure 4-105: Plot of TCE Concentrations
Residence 12

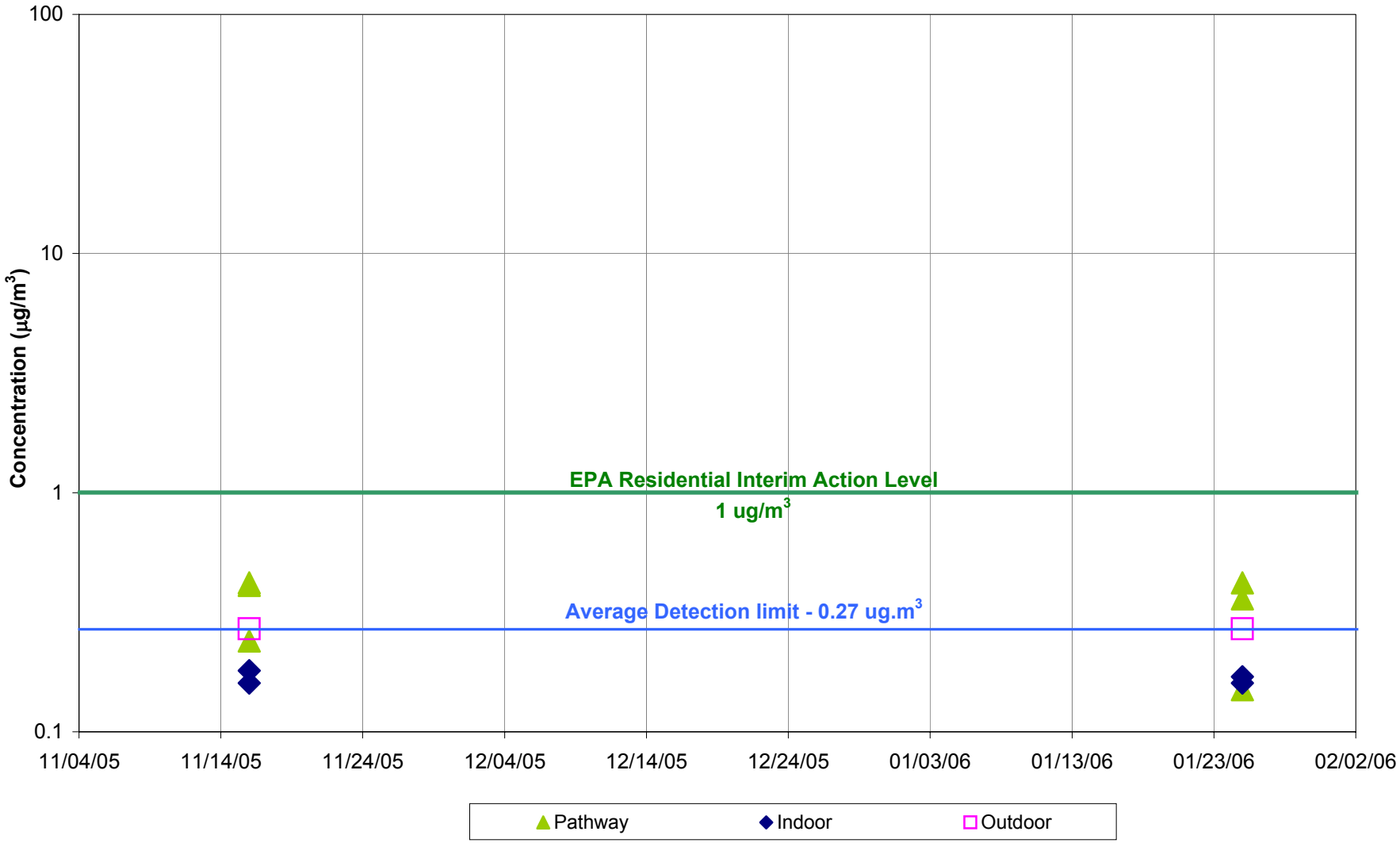


Figure 4-106: Plot of TCE Concentrations
Residence 13

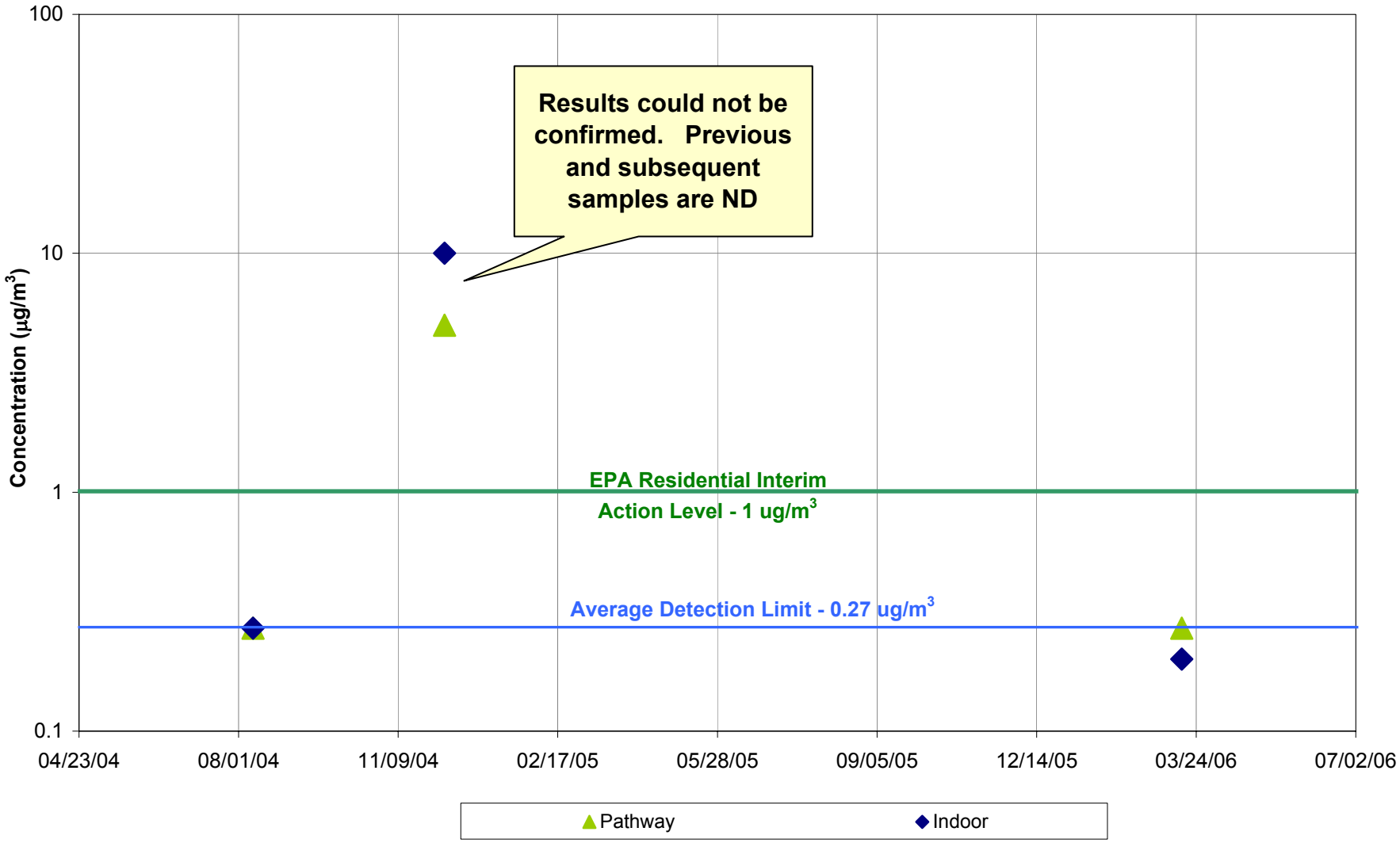


Figure 4-107: Plot of TCE Concentrations
Residence 14A

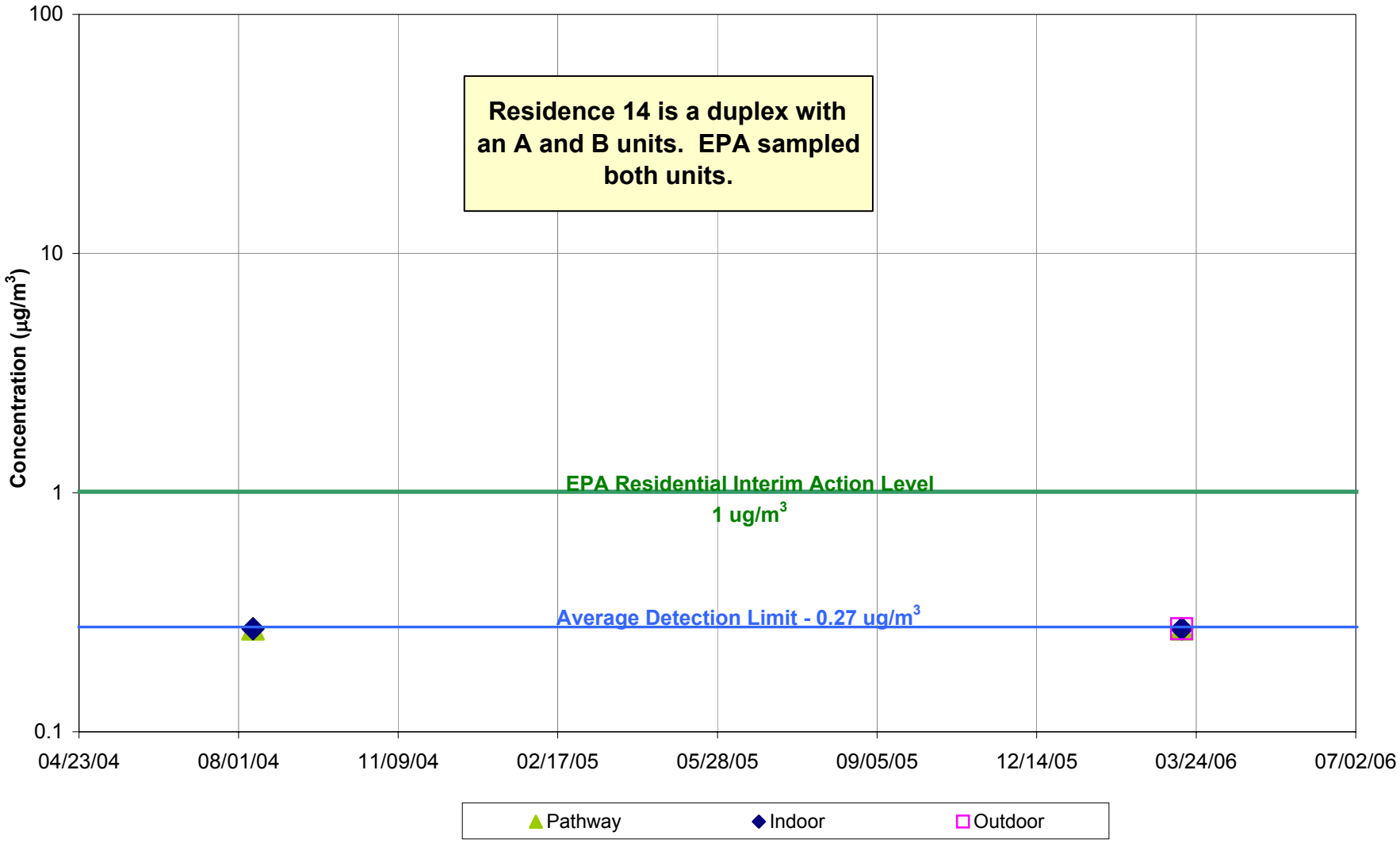


Figure 4-108: Plot of TCE Concentrations
Residence 14B

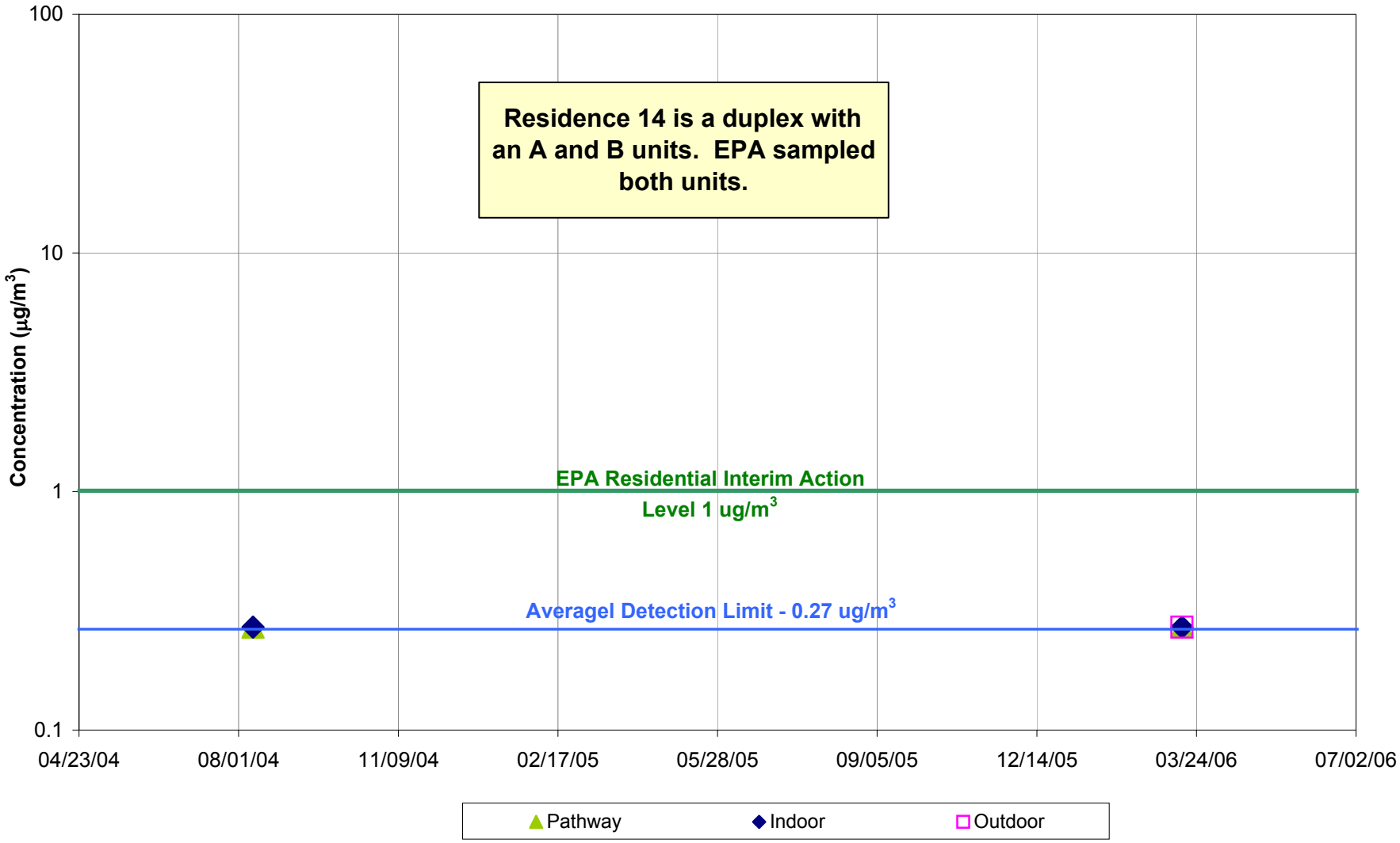


Figure 4-109: Plot of TCE Concentrations
Residence 15B

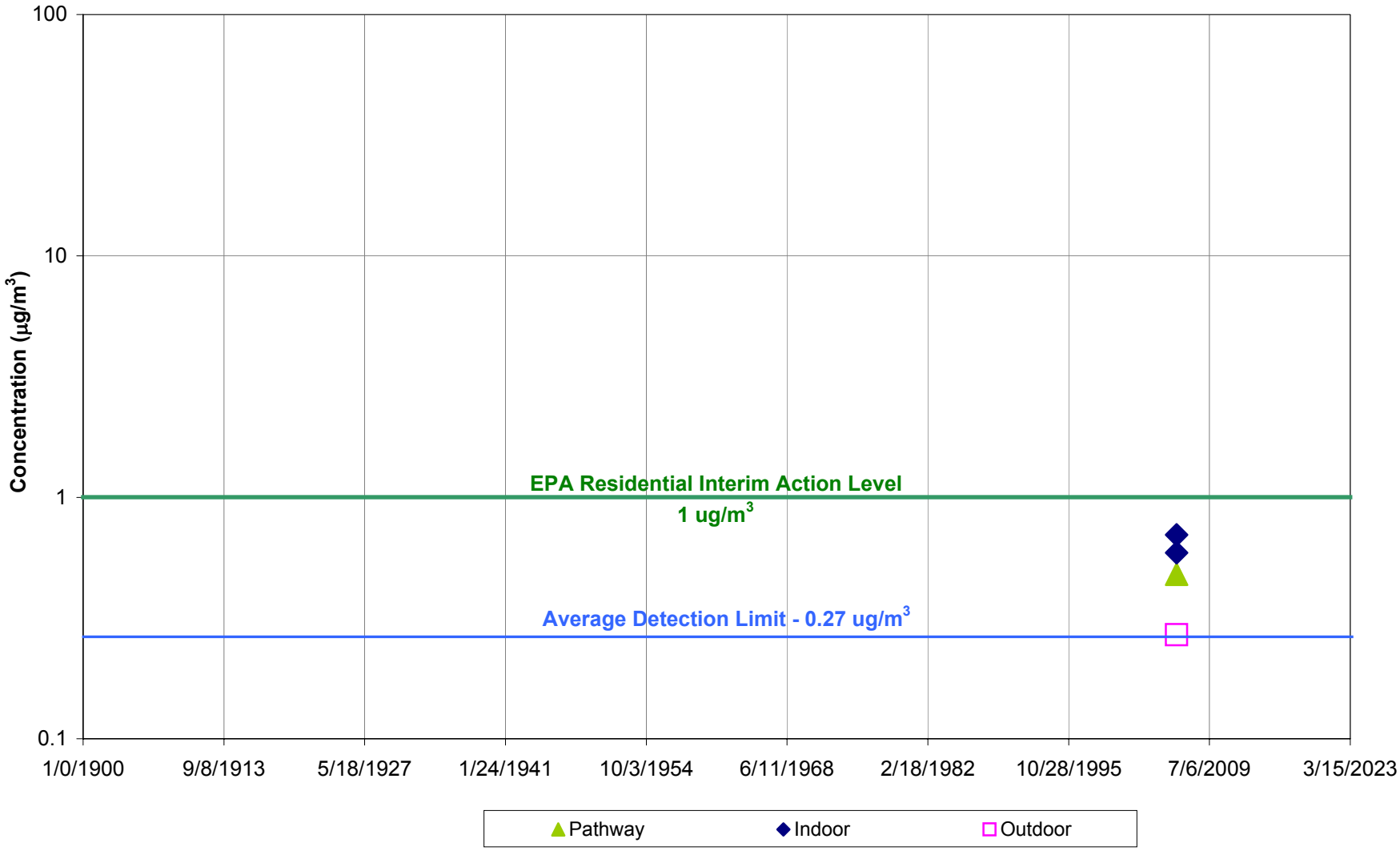


Figure 4-110: Plot of TCE Concentrations
Residence 16

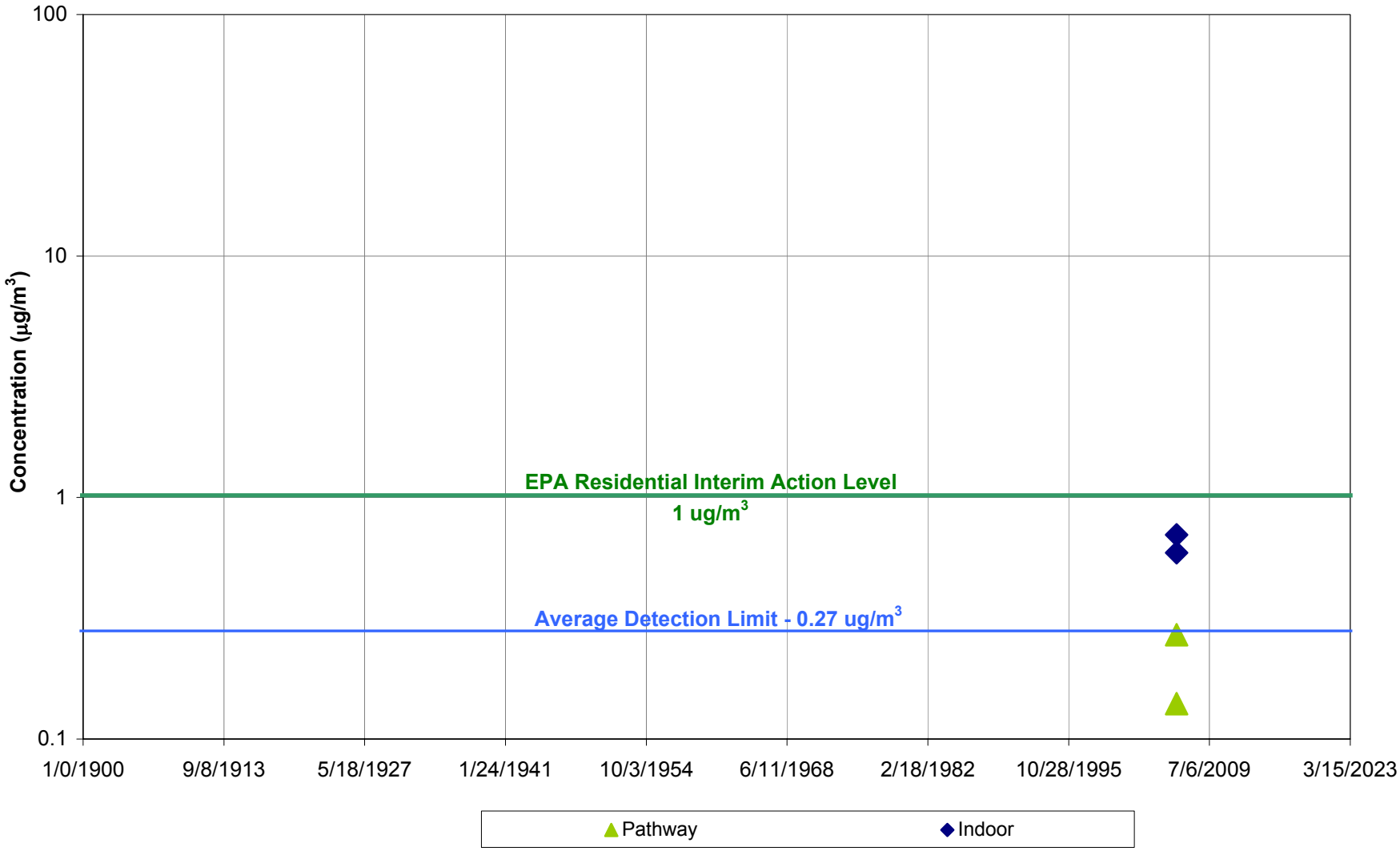


Figure 4-111: Plot of TCE Concentrations
Residence 17

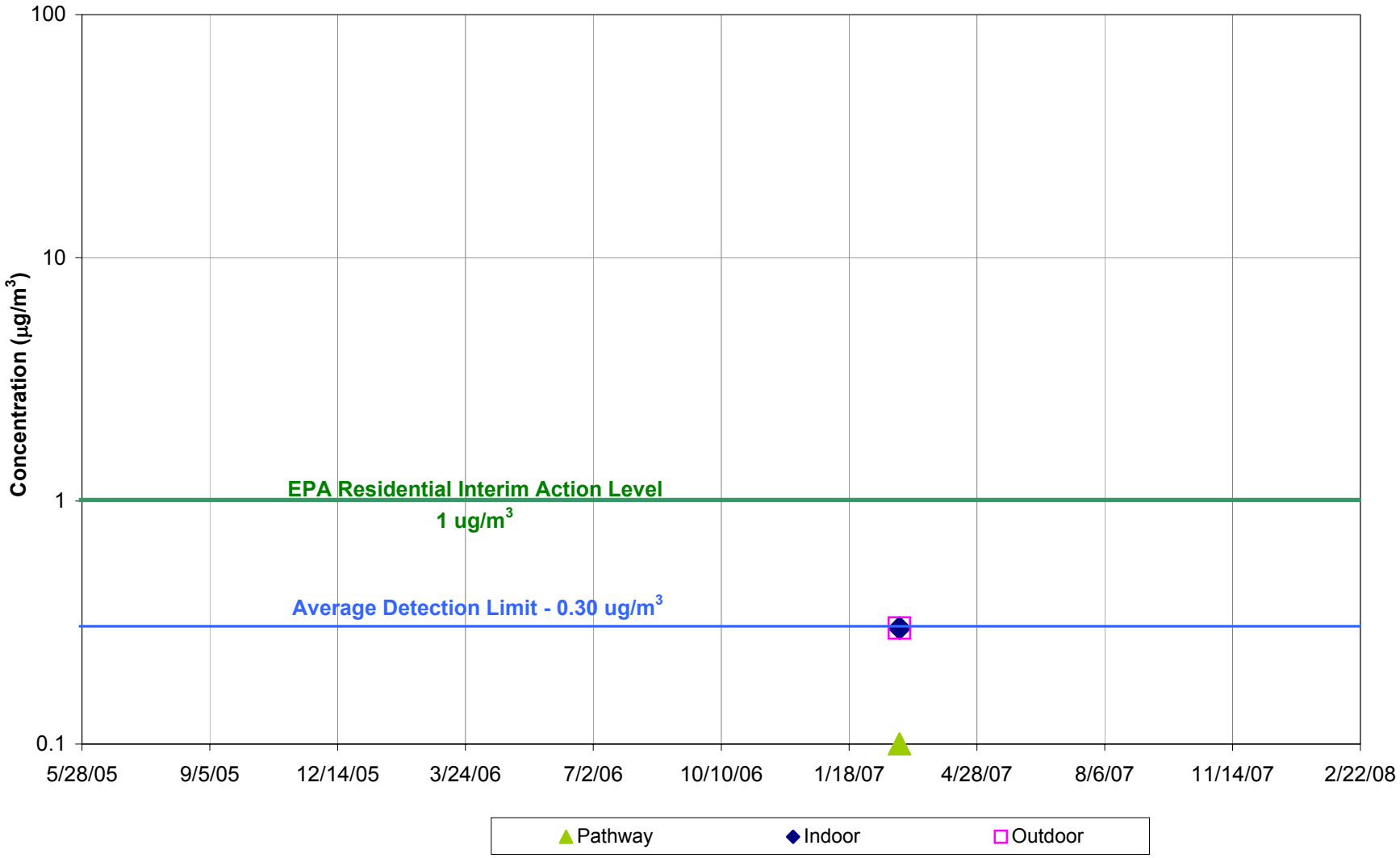


Figure 4-112: Plot of TCE Concentrations
Wescoat Housing, Building 619B

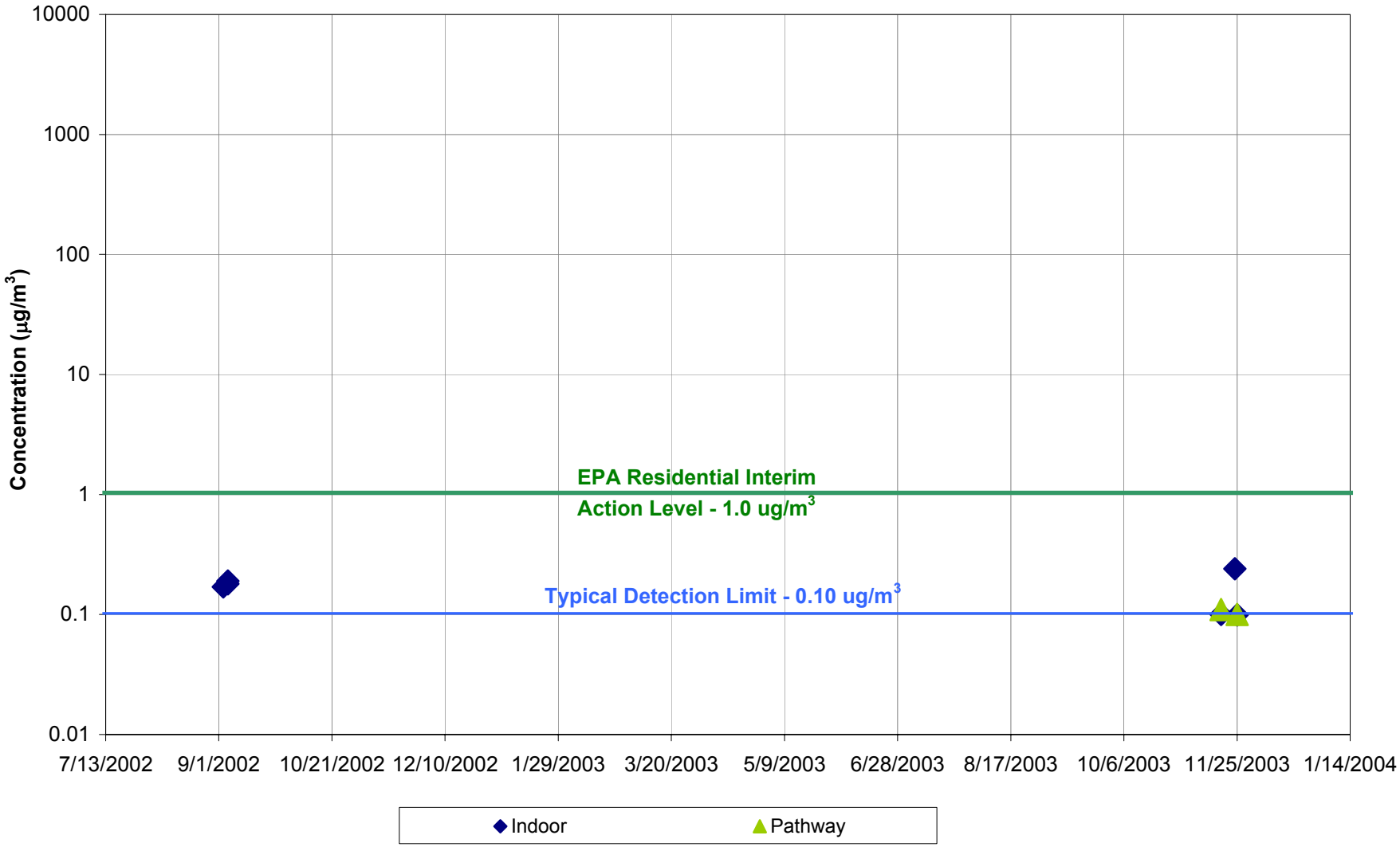


Figure 4-113: Plot of TCE Concentrations
Wescoat Housing, Building 620E

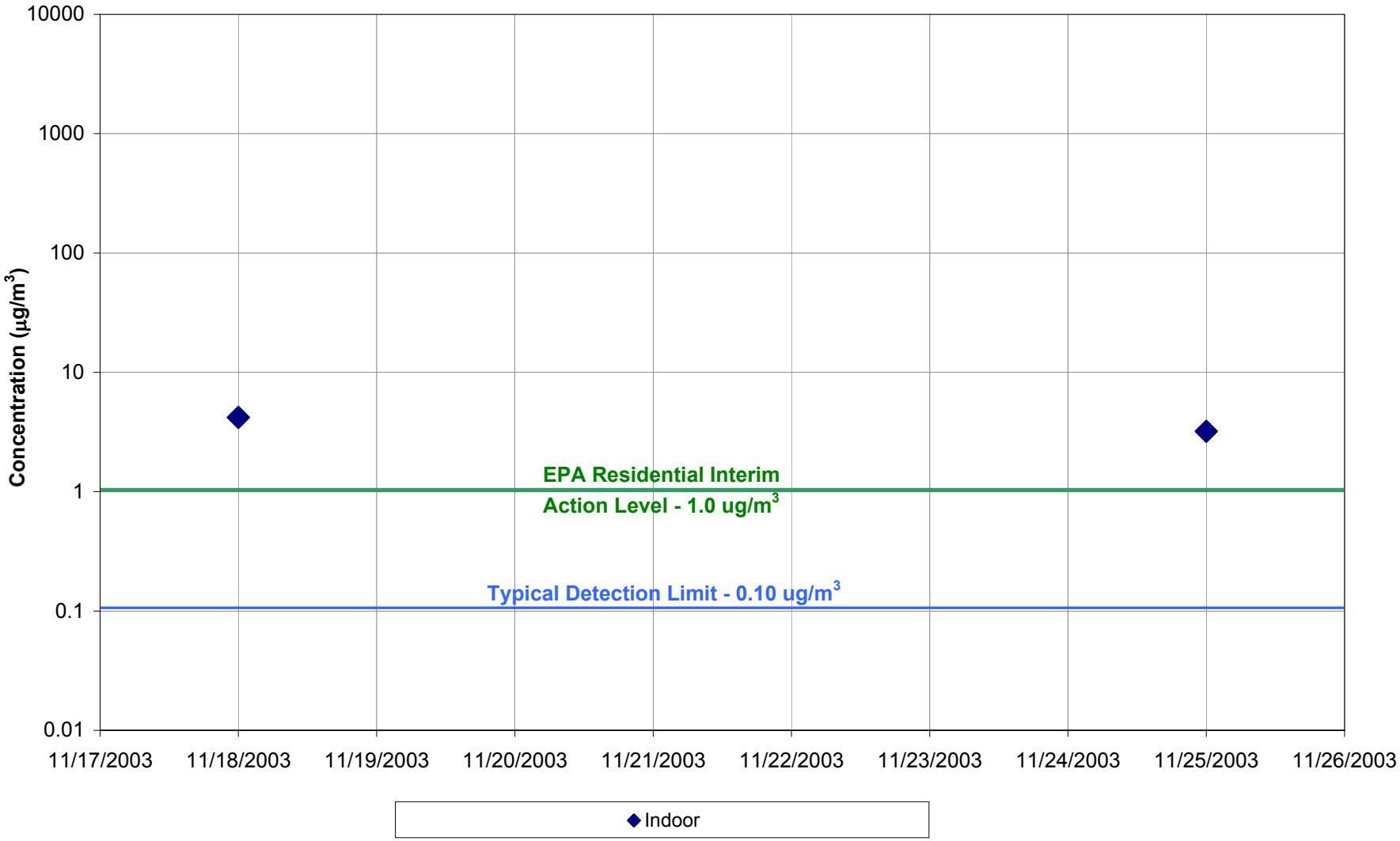
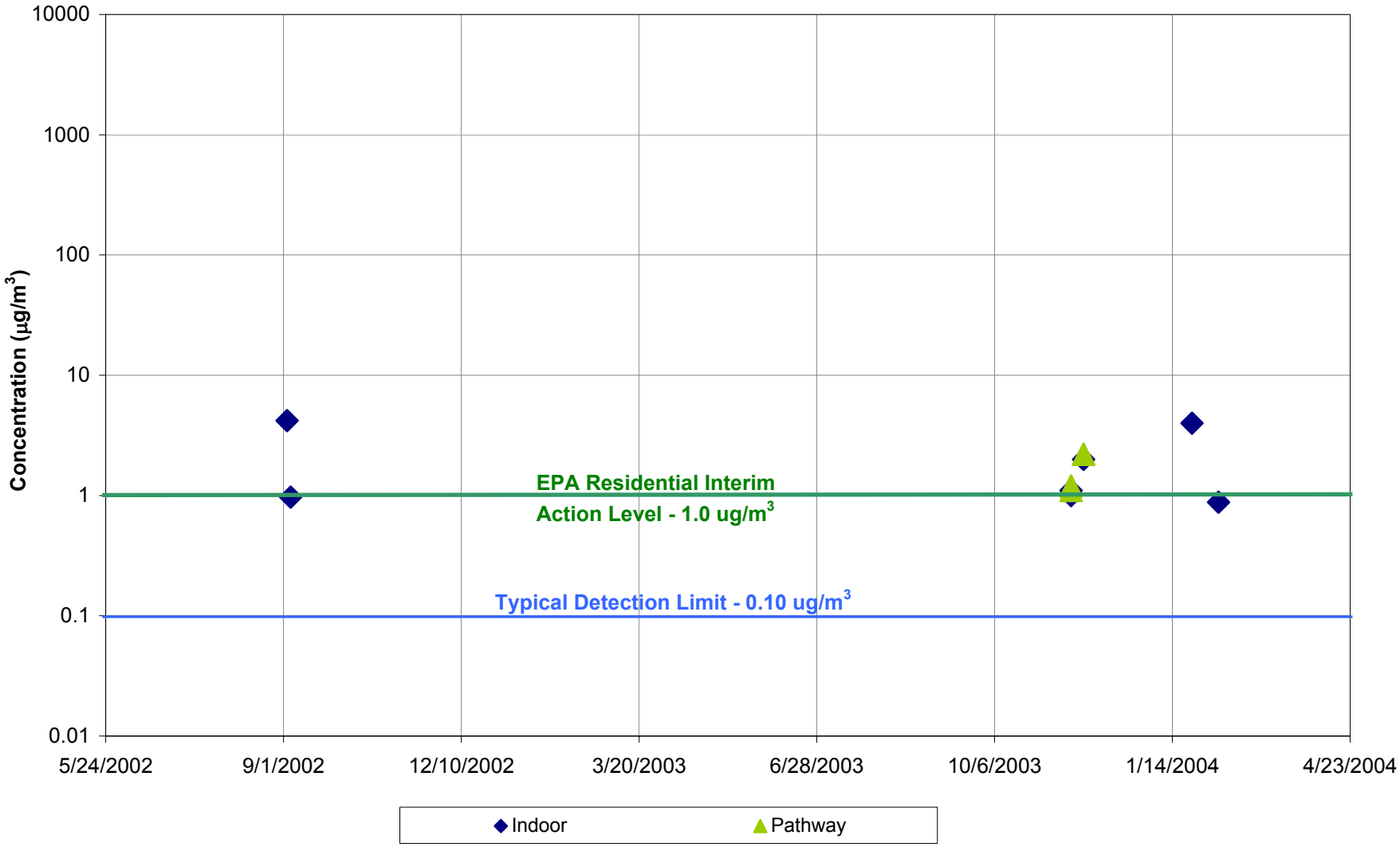
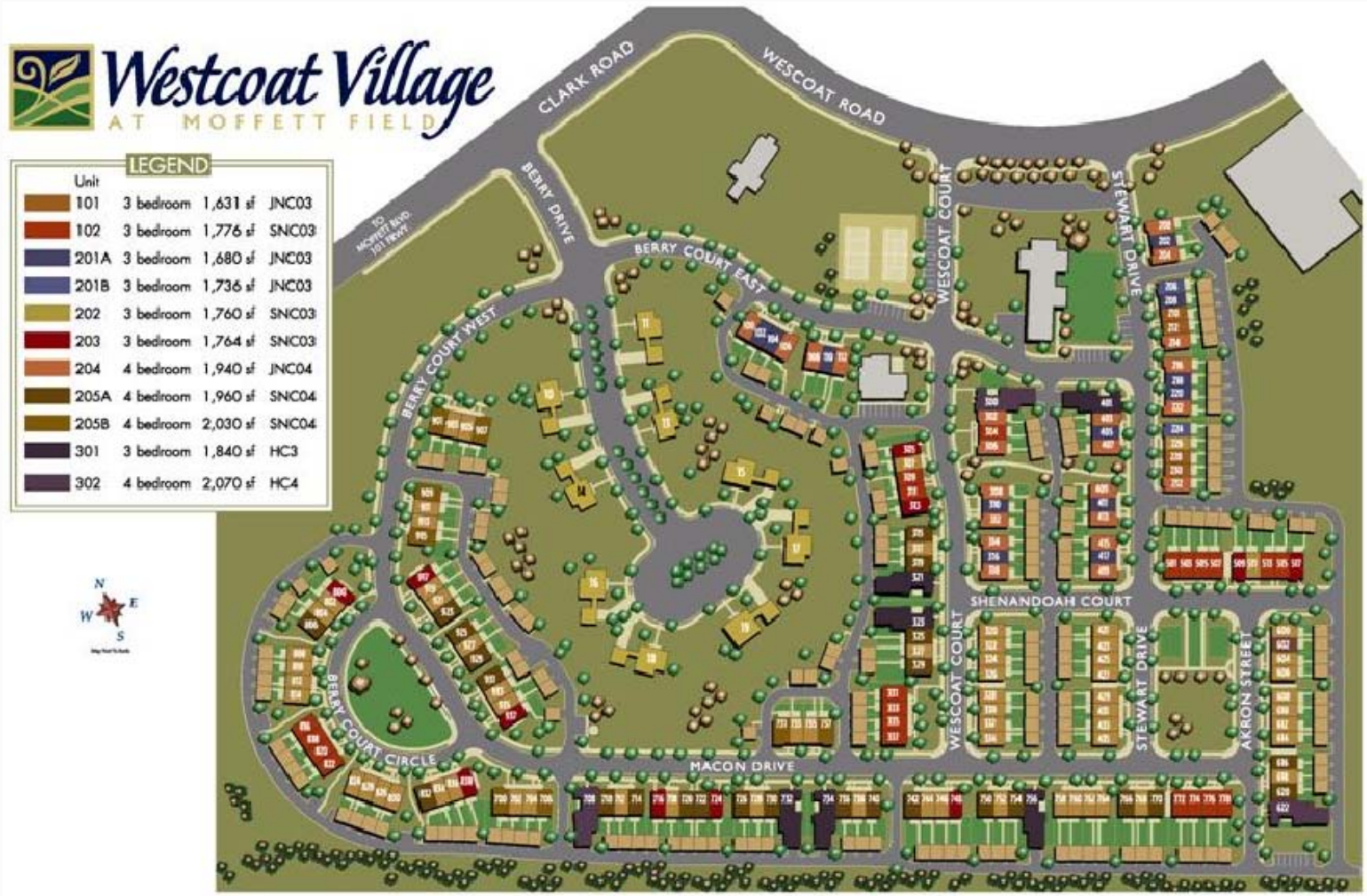


Figure 4-114: Plot of TCE Concentrations
Wescoat Housing, Building 620F





WESCOAT VILLAGE REDEVELOPMENT

PREPARED FOR

MEW COMPANIES

No.	DATE	ISSUE / REVISION	DWN. BY	CK'D BY	AP'D BY
1	11 AUG 06	ISSUED FOR REPORT	VZC	EHH	EHH

Locus TECHNOLOGIES

SCALE: N T S

DRAWING NO. 23-007-A133

FIGURE 4–115

K:\23-007\A133.DWG 11 AUG 06

Figure 5-1. Temperature vs. TCE Concentration
(all commercial and residential baseline)

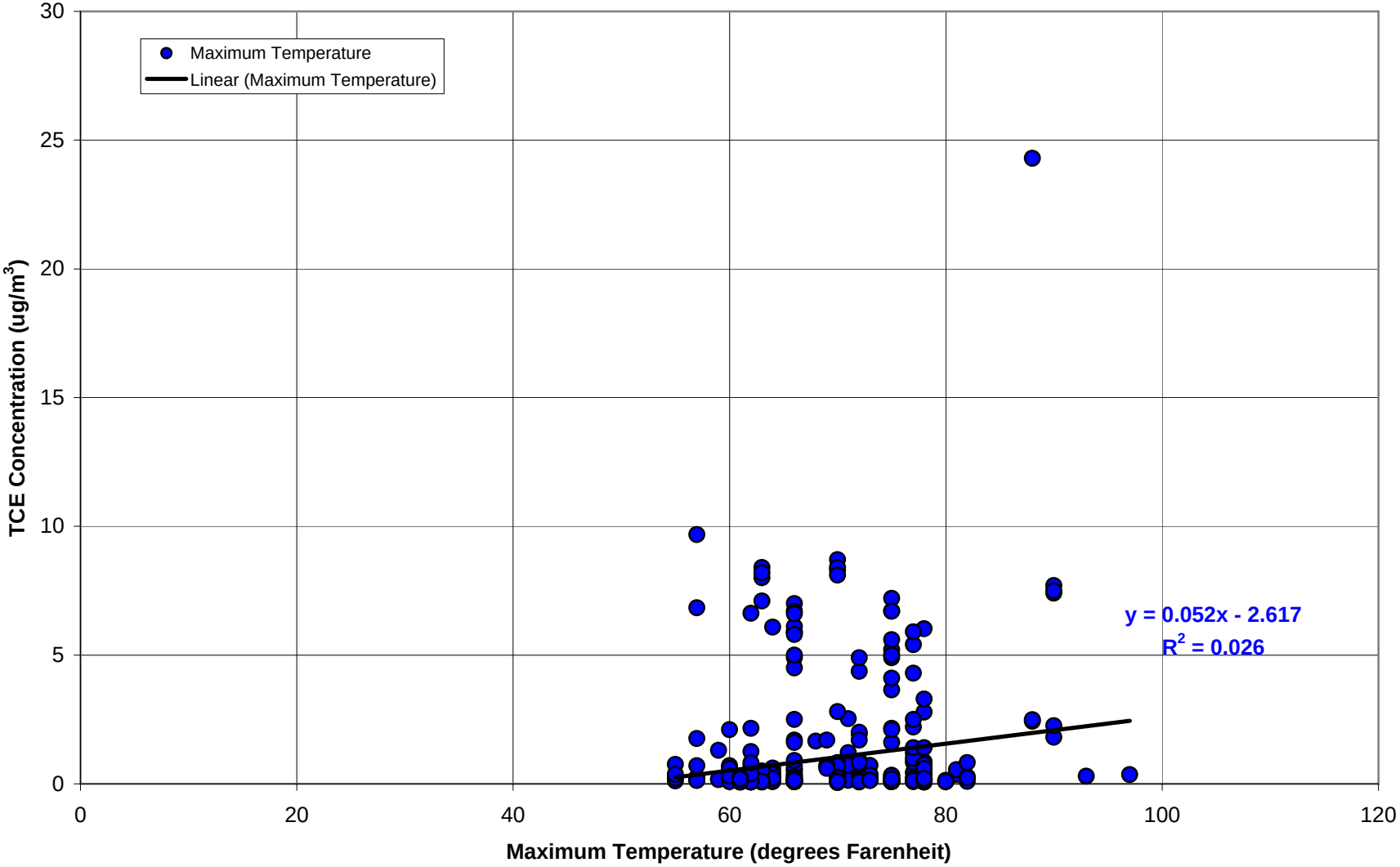
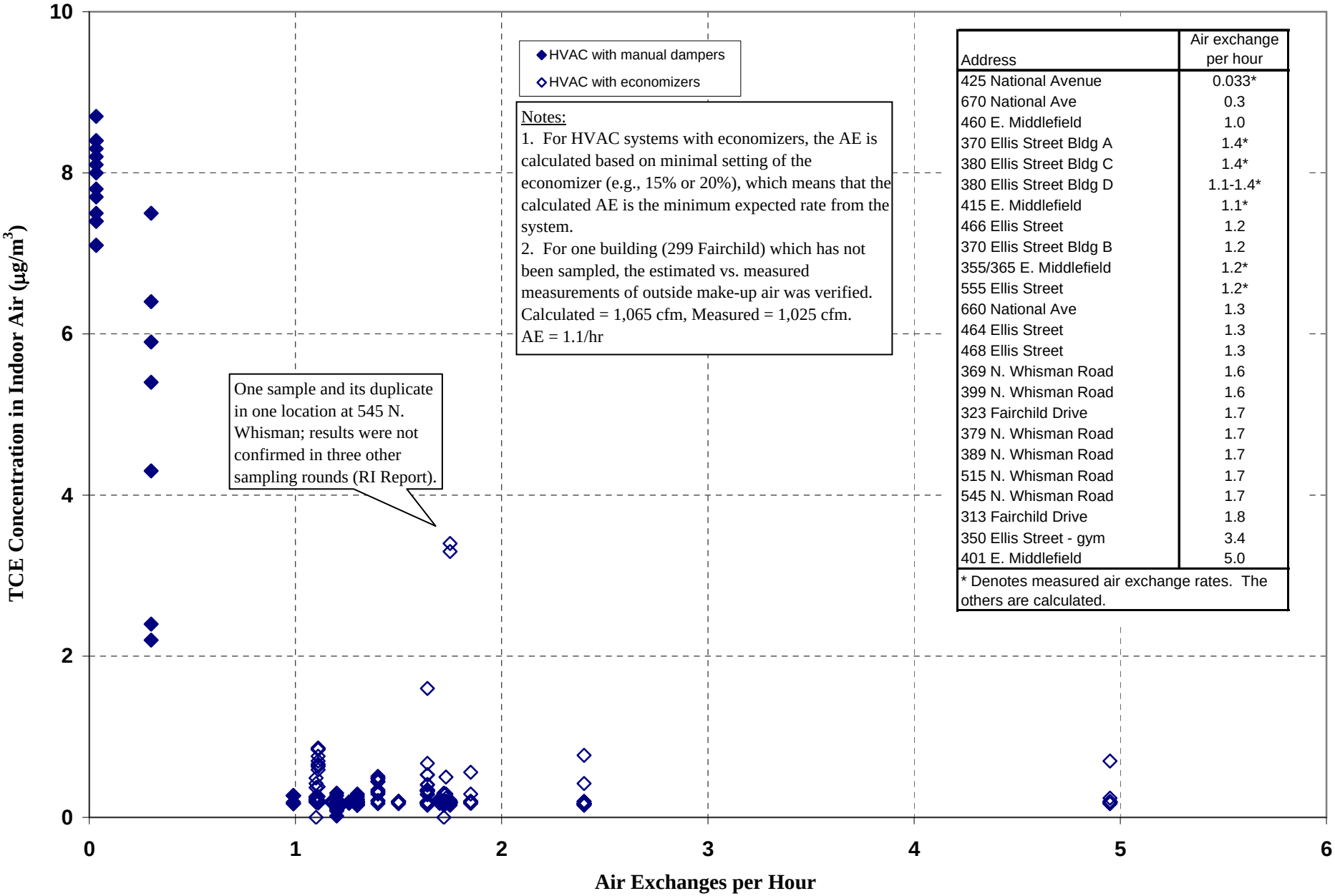


FIGURE 5-2: TCE Concentrations vs. Air Exchange Rate



Address	Air exchange per hour
425 National Avenue	0.033*
670 National Ave	0.3
460 E. Middlefield	1.0
370 Ellis Street Bldg A	1.4*
380 Ellis Street Bldg C	1.4*
380 Ellis Street Bldg D	1.1-1.4*
415 E. Middlefield	1.1*
466 Ellis Street	1.2
370 Ellis Street Bldg B	1.2
355/365 E. Middlefield	1.2*
555 Ellis Street	1.2*
660 National Ave	1.3
464 Ellis Street	1.3
468 Ellis Street	1.3
369 N. Whisman Road	1.6
399 N. Whisman Road	1.6
323 Fairchild Drive	1.7
379 N. Whisman Road	1.7
389 N. Whisman Road	1.7
515 N. Whisman Road	1.7
545 N. Whisman Road	1.7
313 Fairchild Drive	1.8
350 Ellis Street - gym	3.4
401 E. Middlefield	5.0

* Denotes measured air exchange rates. The others are calculated.

Figure 5-3. Depth to Groundwater vs. TCE Concentrations for Baseline Buildings

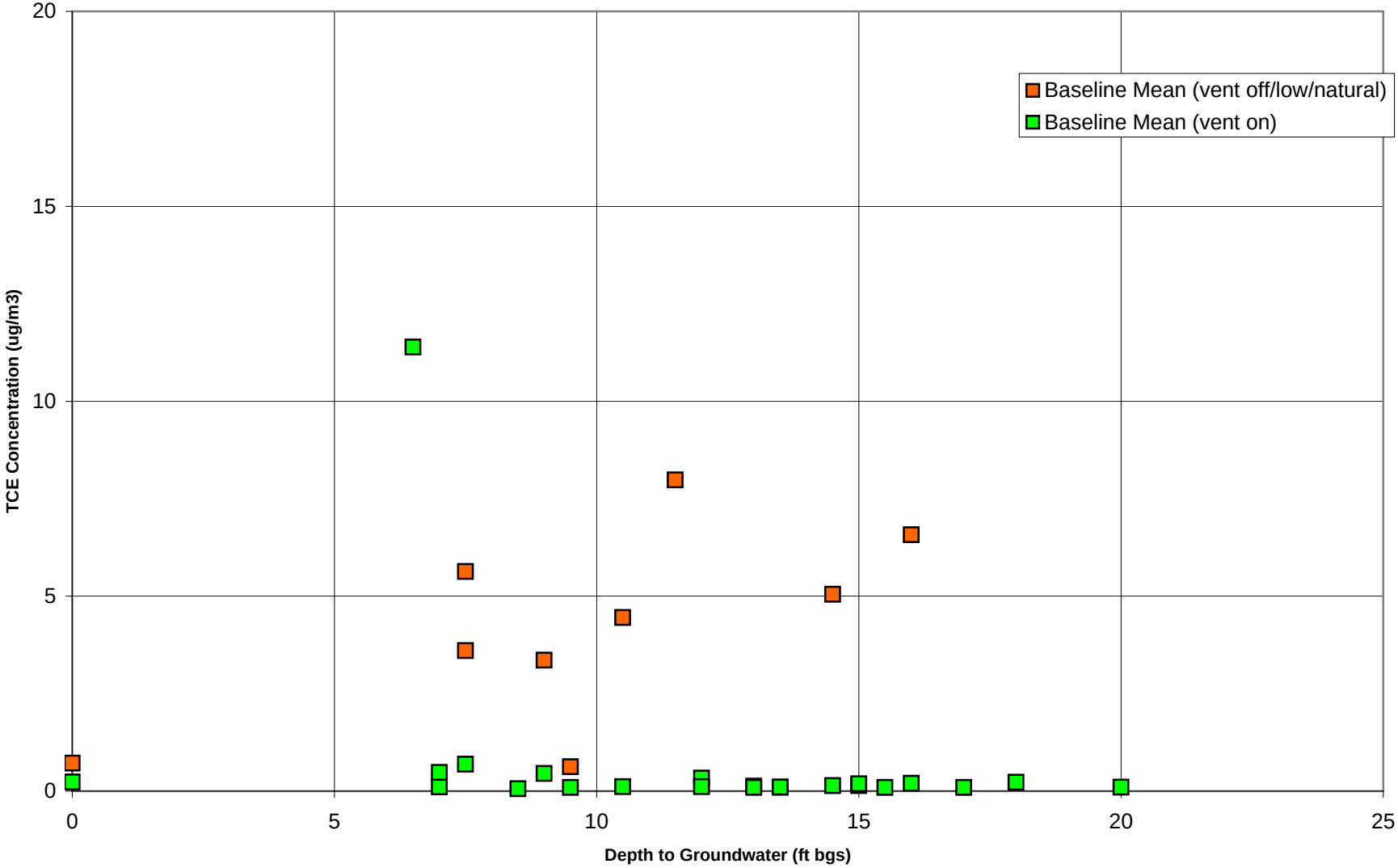
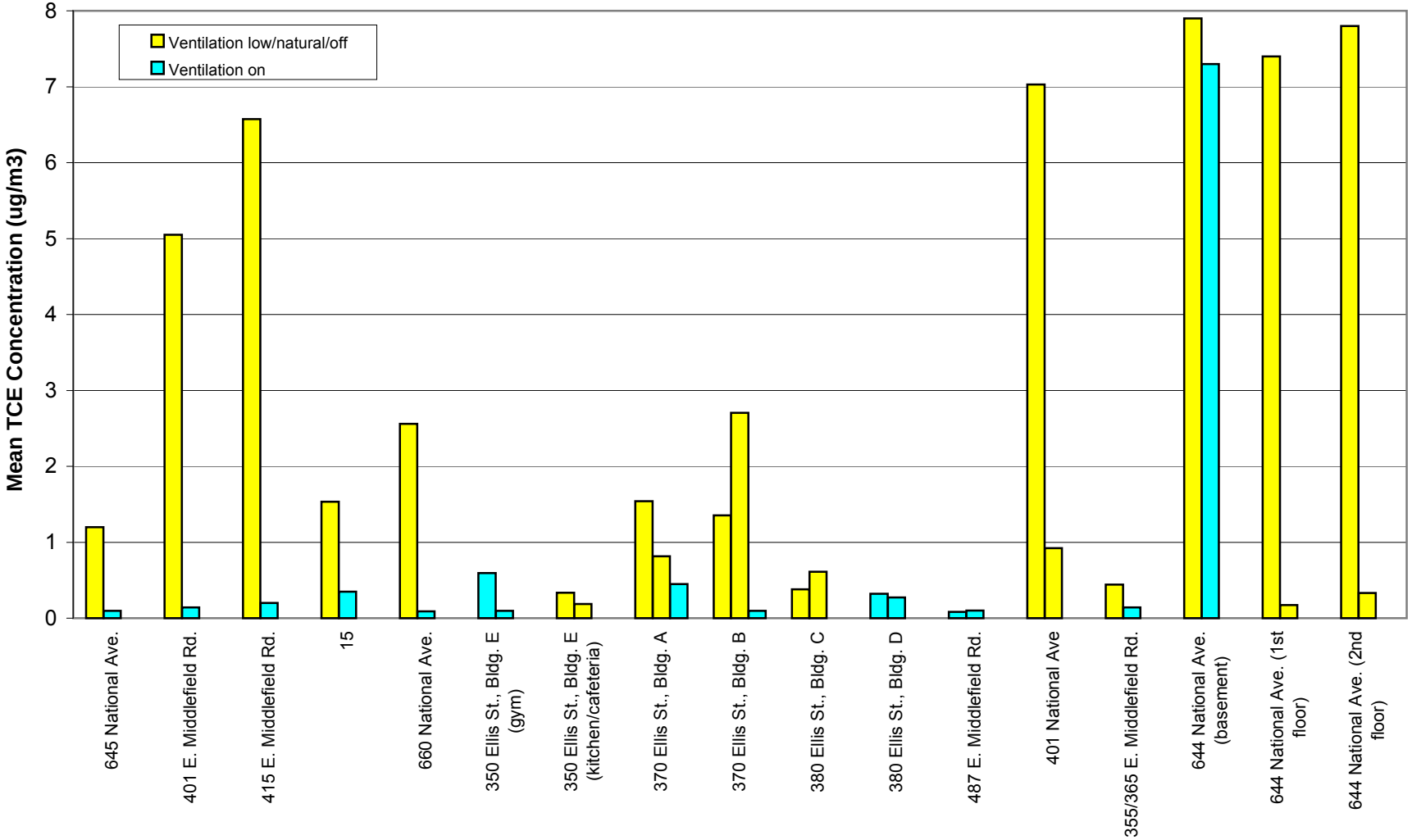



Figure 5-4. Comparison of Ventilation Status and Mitigation Measures