FIGURES 2-61 THROUGH 2-64
TIME SERIES OF TCE CONCENTRATION PLOTS
WATS VICINITY

Figure 2-61 W9-2 (Upper Portion of the A Aquifer)

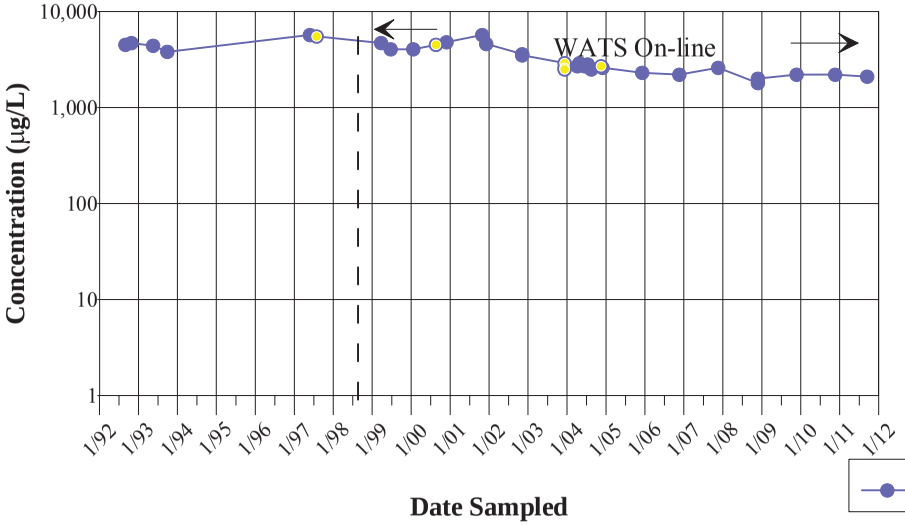
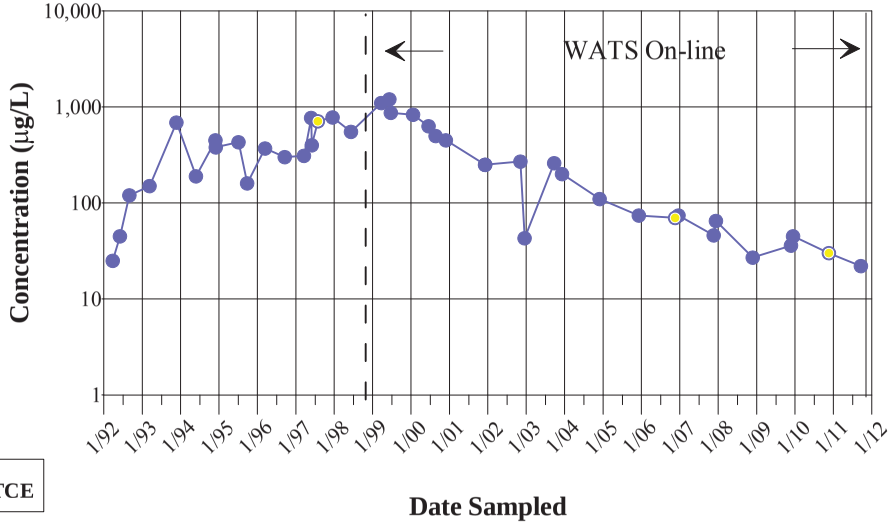


Figure 2-62 14D12A (Upper Portion of the A Aquifer)



TCE

Figure 2-63 W9-10 (Upper Portion of the A Aquifer)

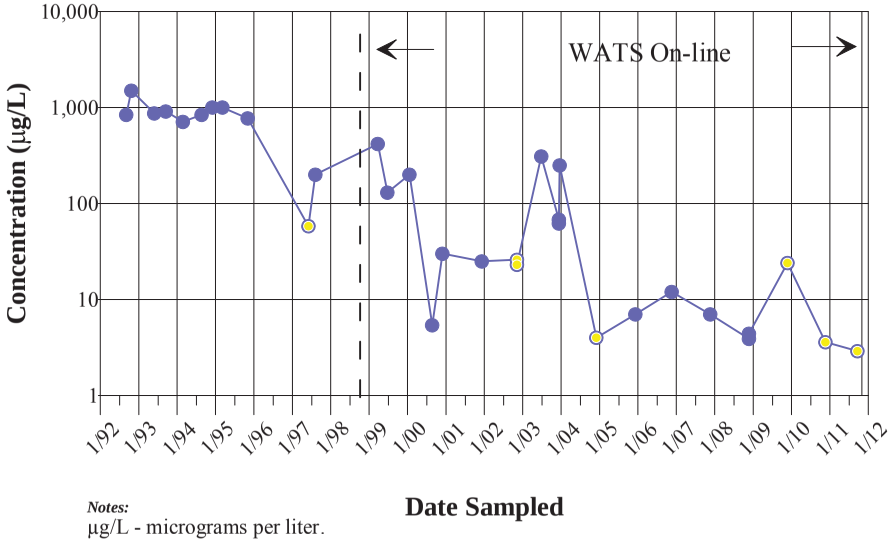
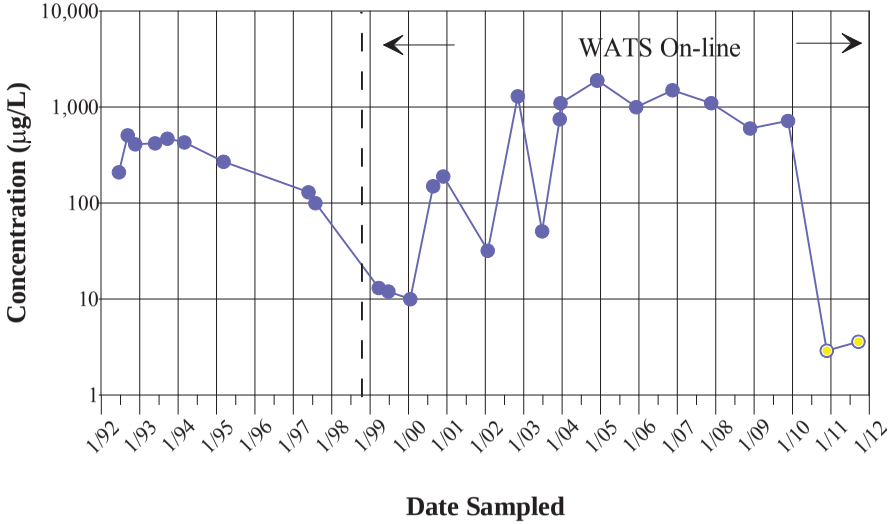


Figure 2-64 WU4-14 (Upper Portion of the A Aquifer)



Notes:
µg/L - micrograms per liter.
TCE - Trichloroethene
Open symbols indicate non-detect values. Yellow symbols indicate estimated values. Closed-line colored symbols indicate concentrations detected.
Non-detects are plotted at the reporting limits.

FIGURES 2-65 THROUGH 2-67
TIME SERIES OF TCE CONCENTRATION PLOTS
DOWNGRADIENT OF WATS

Figure 2-65 14D02A (Upper Portion of the A Aquifer)

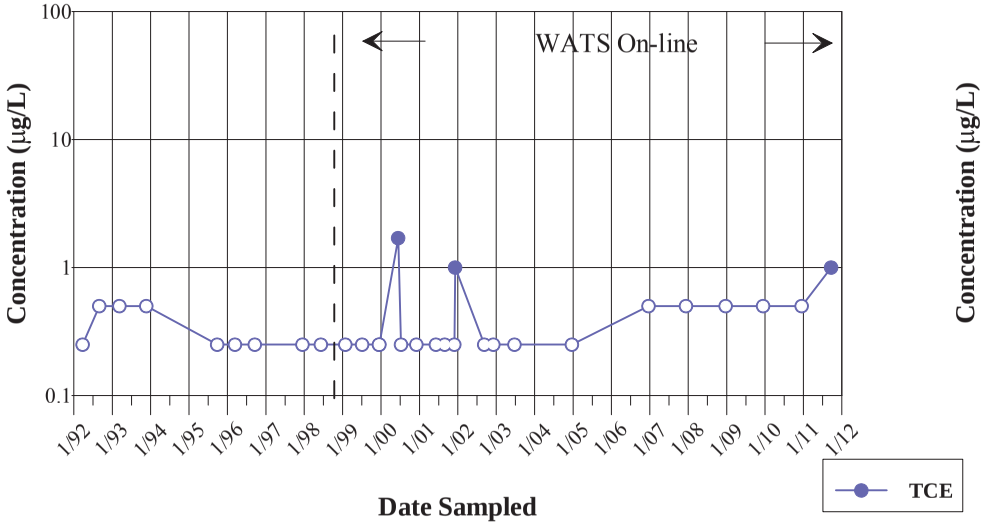


Figure 2-66 14D28A (Upper Portion of the A Aquifer)

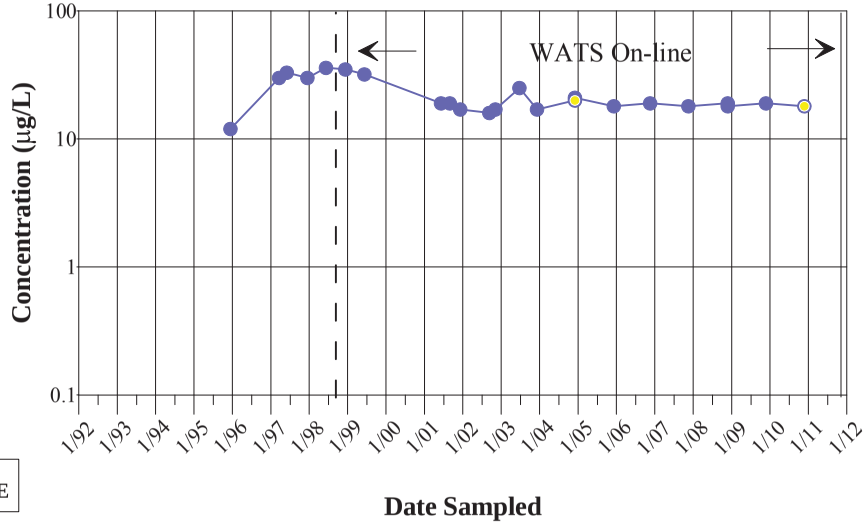
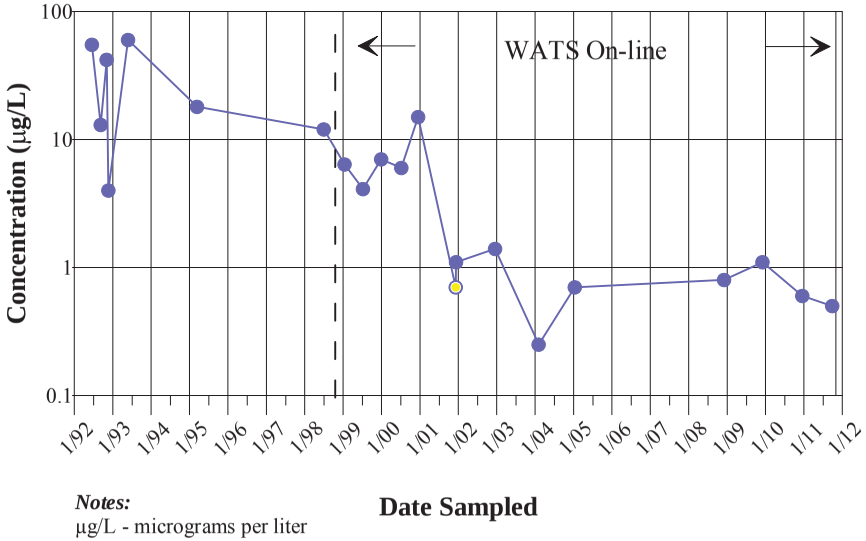


Figure 2-67 WU4-16 (Upper Portion of the A Aquifer)



Notes:
µg/L - micrograms per liter
TCE - Trichloroethene
Open symbols indicate non-detect values. Yellow symbols indicate estimated values. Closed-line colored symbols indicate concentrations detected.
Non-detects are plotted at the reporting limit.

FIGURES 2-68 THROUGH 2-71
TIME SERIES OF TCE CONCENTRATION PLOTS
WATS VICINITY

Figure 2-68 154B1 (Lower Portion of the A Aquifer)

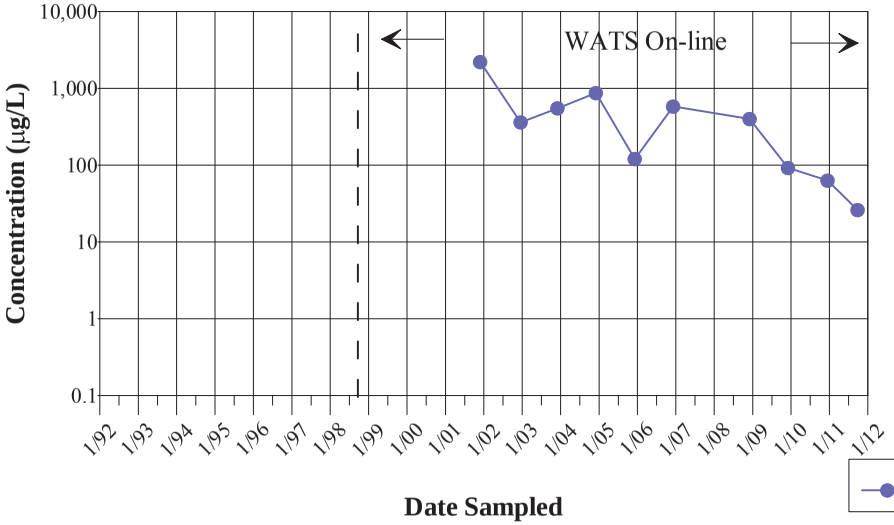
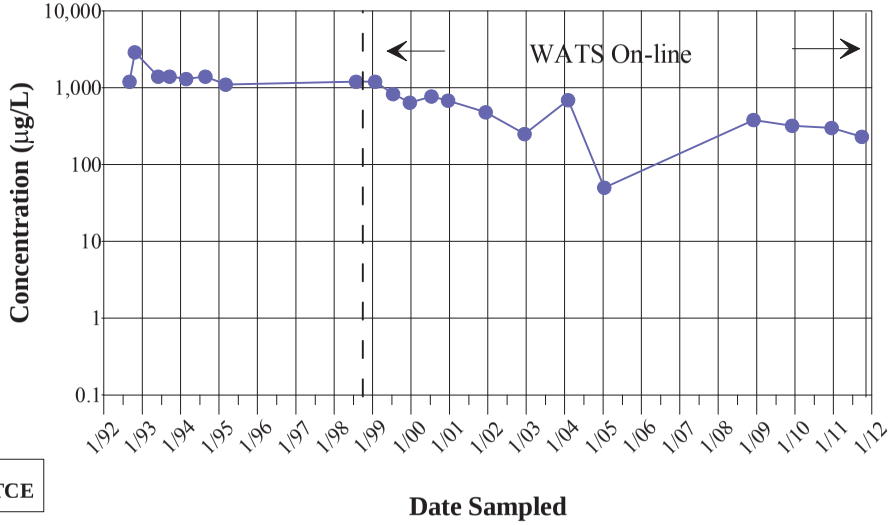


Figure 2-69 W9-25 (Lower Portion of the A Aquifer)



TCE

Figure 2-70 W29-7 (Lower Portion of the A Aquifer)

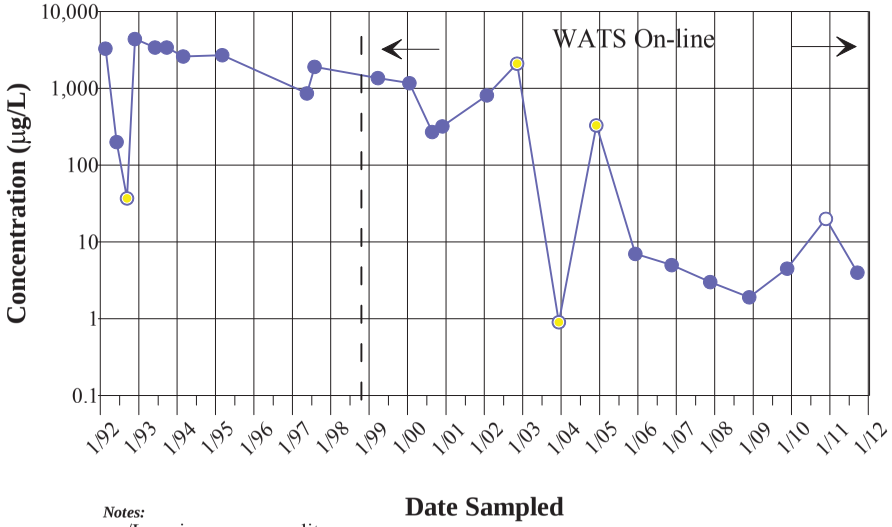
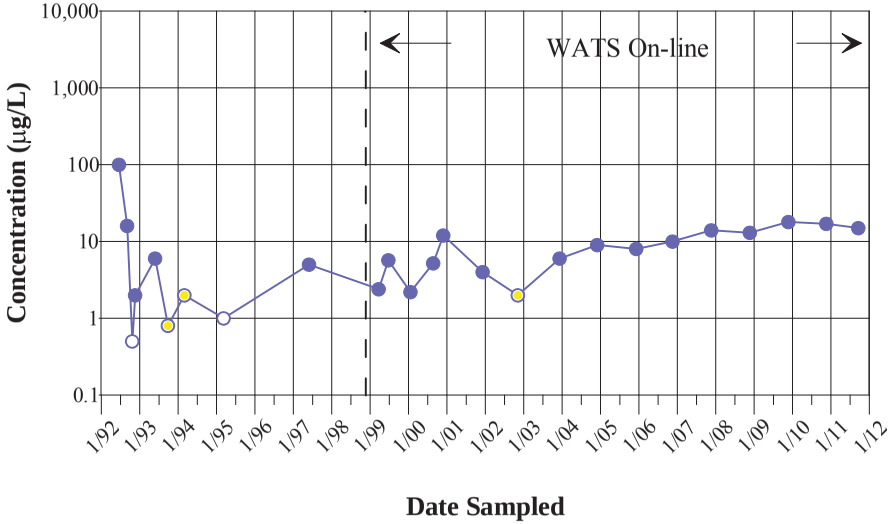


Figure 2-71 WU4-15 (Lower Portion of the A Aquifer)



Notes:
µg/L - micrograms per liter
TCE - Trichloroethene
Open symbols indicate non-detect values. Yellow symbols indicate estimated values. Closed-line colored symbols indicate concentrations detected.
Non-detects are plotted at the reporting limits.

FIGURES 2-72 THROUGH 2-74
TIME SERIES OF TCE CONCENTRATION PLOTS
DOWNGRADIENT OF WATS

Figure 2-72 139B1 (Lower Portion of the A Aquifer)

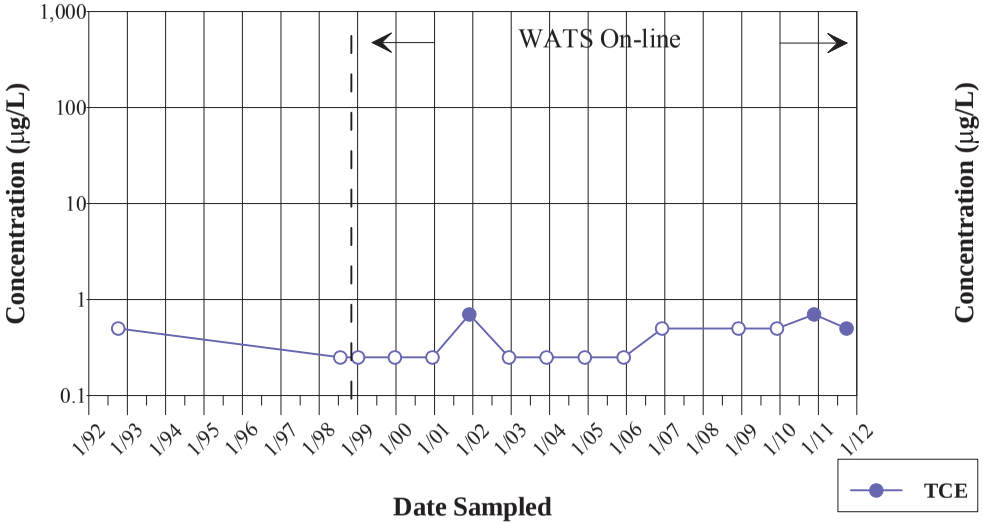


Figure 2-73 WNB-14 (Lower Portion of the A Aquifer)

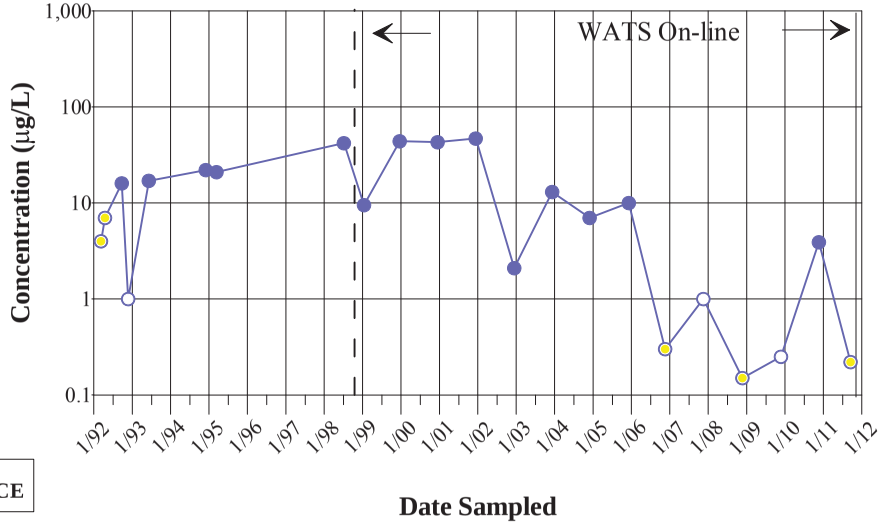
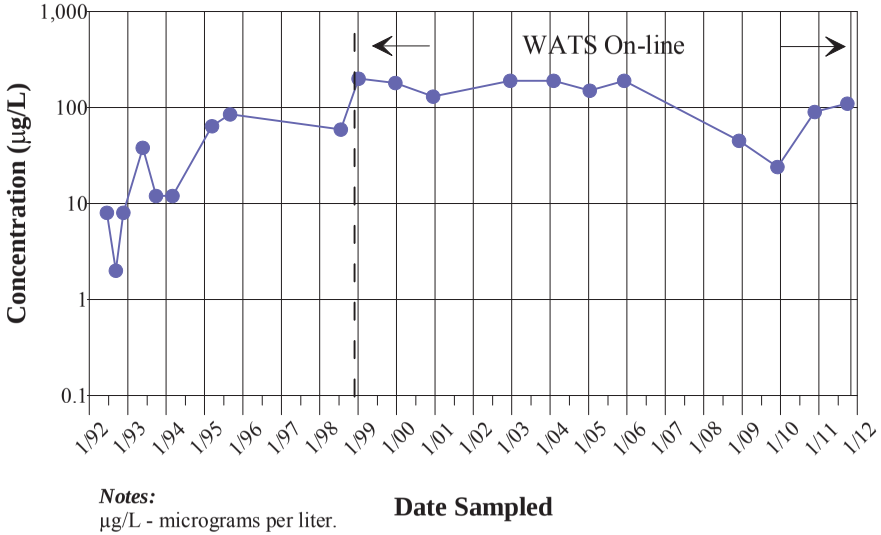


Figure 2-74 WU4-19 (Lower Portion of the A Aquifer)



Notes:
µg/L - micrograms per liter.
TCE - Trichloroethene.
Open symbols indicate non-detect values. Yellow symbols indicate estimated values. Closed-line colored symbols indicate concentrations detected.
Non-detects are plotted at the reporting limits.

FIGURES 2-75 THROUGH 2-78
TIME SERIES OF VOCs CONCENTRATION PLOTS
IR SITE 28

Figure 2-75 14C33A (Upper Portion of the A Aquifer)

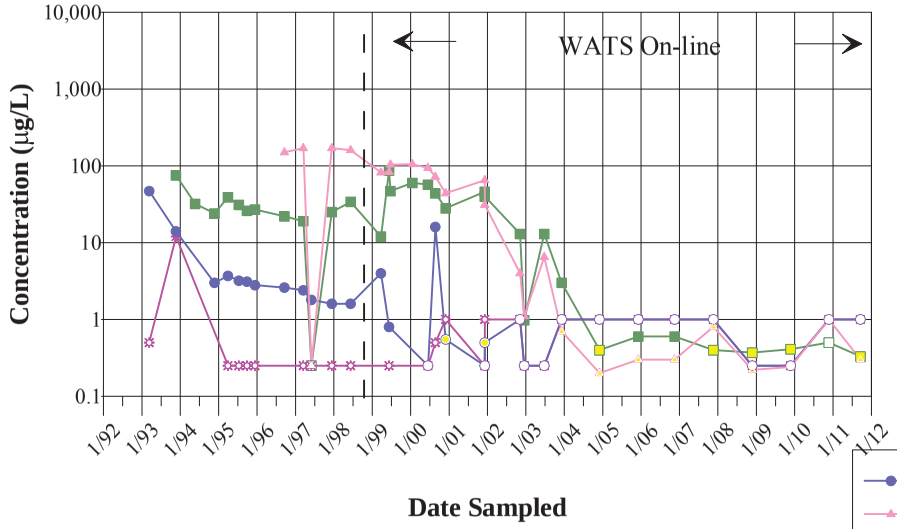
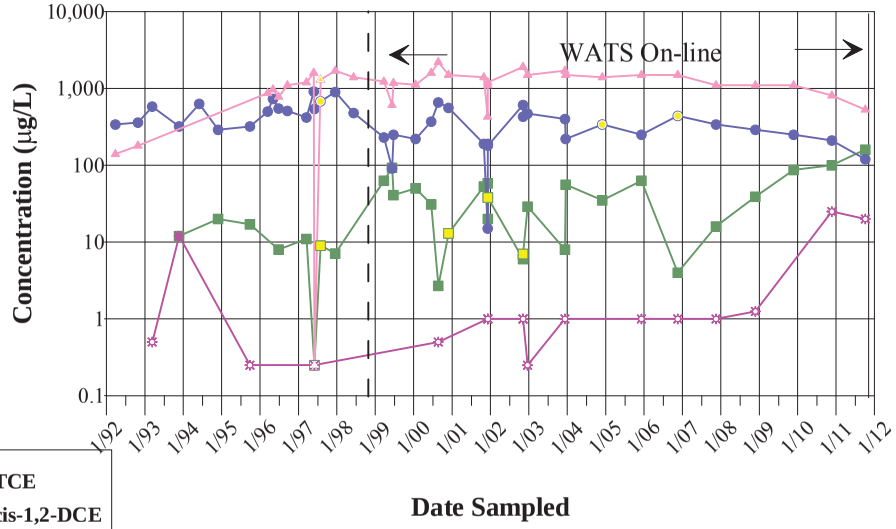


Figure 2-76 14D05A (Upper Portion of the A Aquifer)



TCE
cis-1,2-DCE
PCE
VC

Figure 2-77 W9-2 (Upper Portion of the A Aquifer)

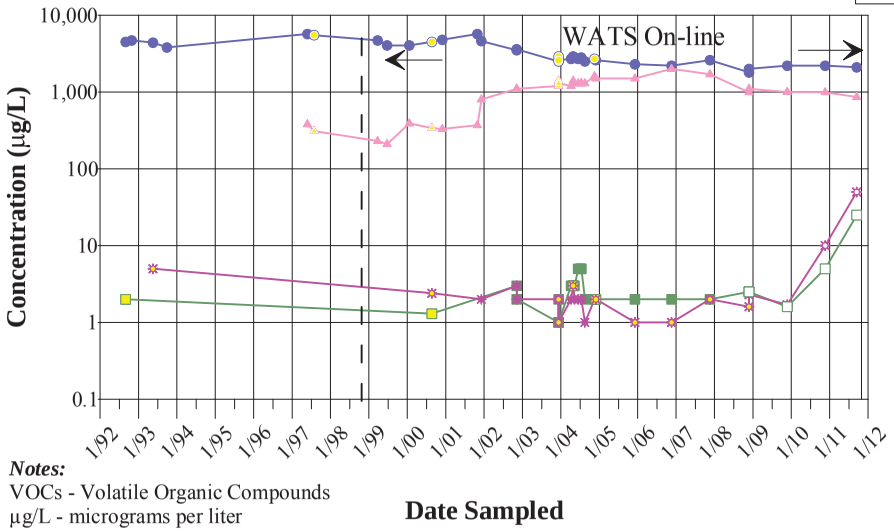
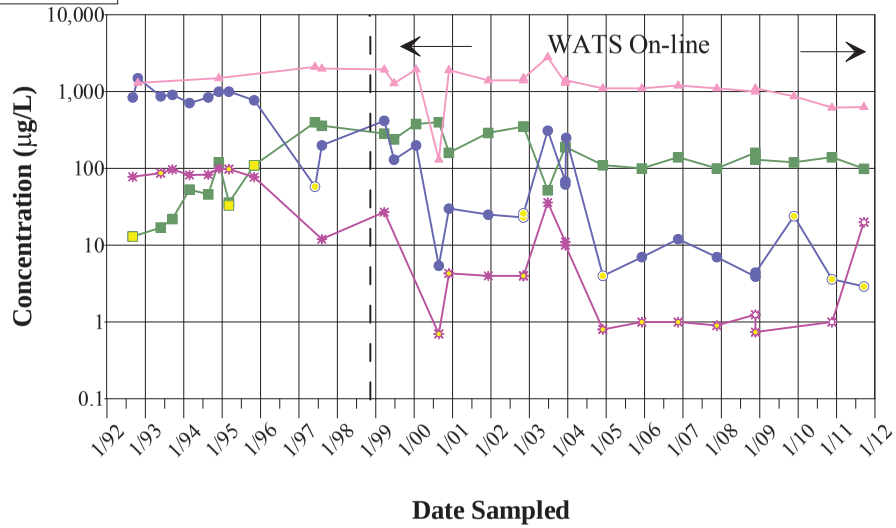


Figure 2-78 W9-10 (Upper Portion of the A Aquifer)



Notes:
VOCs - Volatile Organic Compounds
µg/L - micrograms per liter
TCE - trichloroethene; cis-1,2-DCE - cis-1,2,-dichloroethene; PCE - tetrachloroethene; VC - vinyl chloride
Open symbols indicate non-detect values. Yellow symbols indicate estimated values. Closed-line colored symbols indicate concentrations detected.
Non-detects are plotted at the reporting limits.

FIGURES 2-79 THROUGH 2-82
TIME SERIES OF VOCs CONCENTRATION PLOTS
IR SITE 28

Figure 2-79 W9-18 (Upper Portion of the A Aquifer)

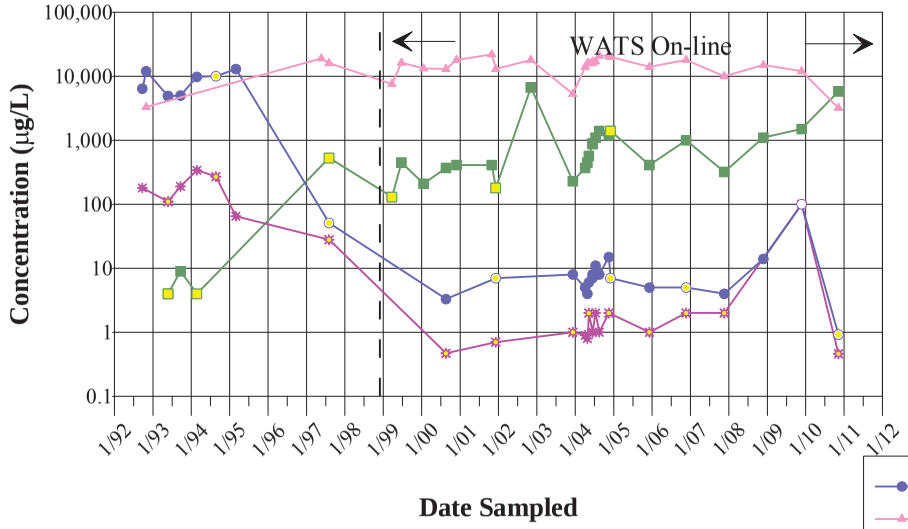
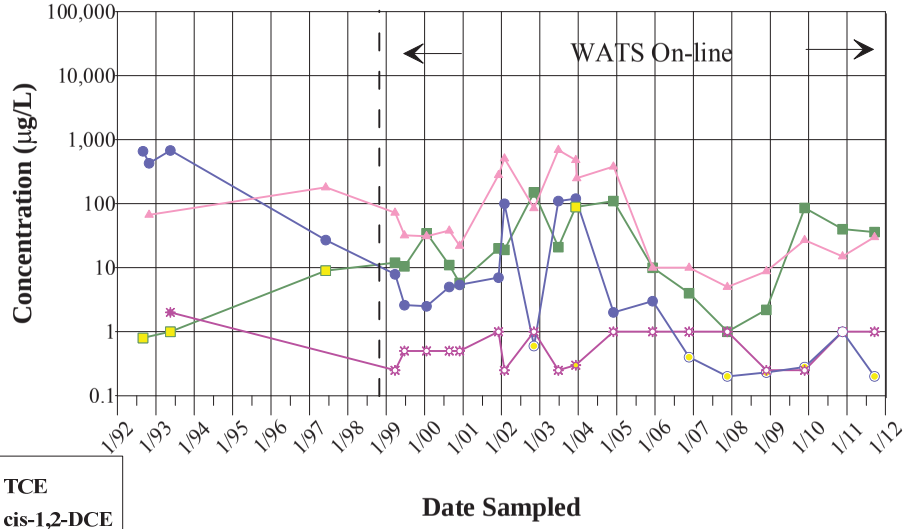


Figure 2-80 W9-19 (Upper Portion of the A Aquifer)



TCE
cis-1,2-DCE
PCE
VC

Figure 2-81 W9SC-1 (Upper Portion of the A Aquifer)

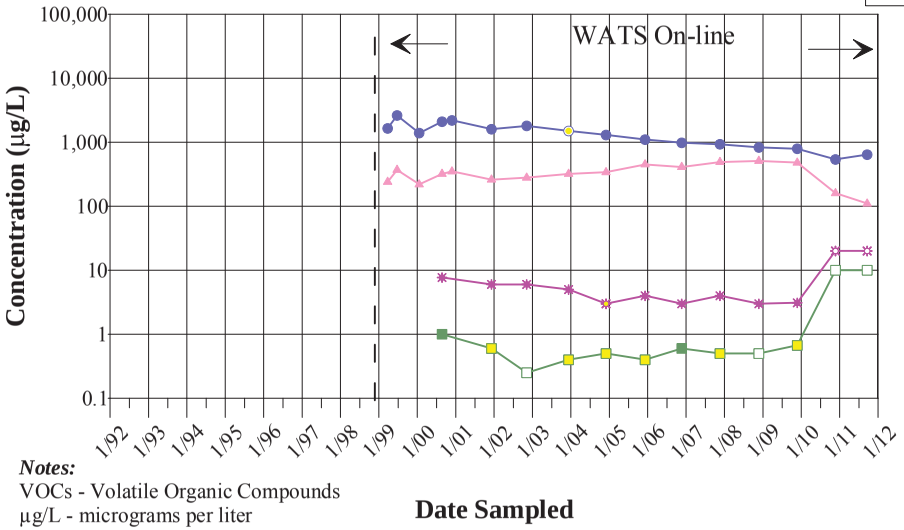
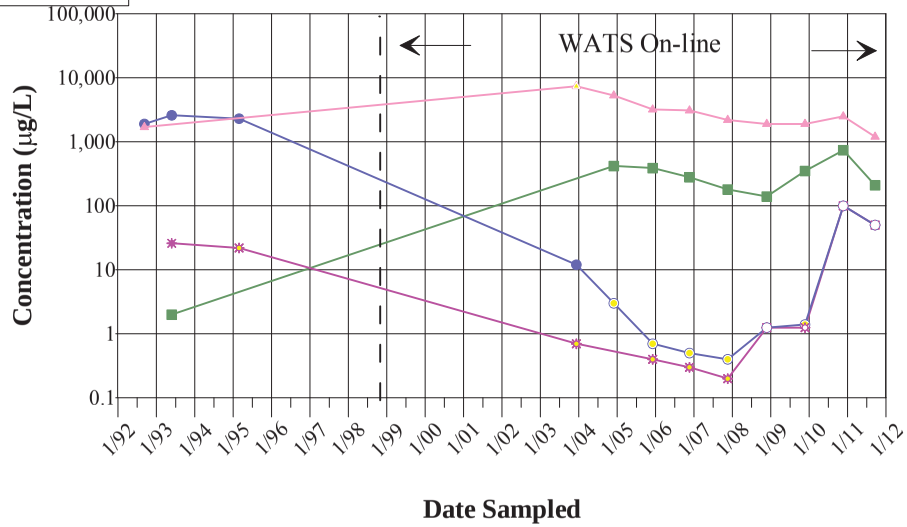


Figure 2-82 W9-31 (Upper Portion of the A Aquifer)



Notes:
VOCs - Volatile Organic Compounds
µg/L - micrograms per liter
TCE - trichloroethene; cis-1,2-DCE - cis-1,2,-dichloroethene; PCE - tetrachloroethene; VC - vinyl chloride
Open symbols indicate non-detect values. Yellow symbols indicate estimated values. Closed-line colored symbols indicate concentrations detected.
Non-detects are plotted at the reporting limits.

FIGURES 2-83 THROUGH 2-86
TIME SERIES OF VOCs CONCENTRATION PLOTS
IR SITE 28

Figure 2-83 W9-37 (Upper Portion of the A Aquifer)

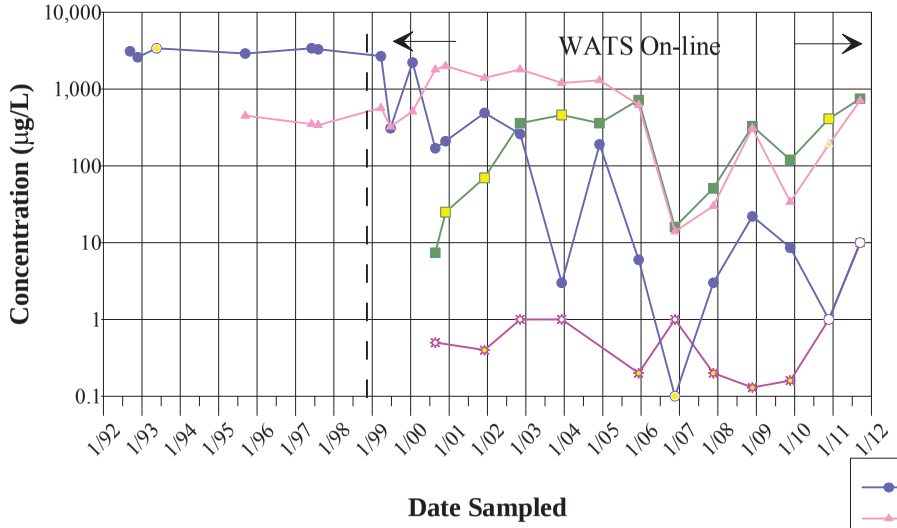
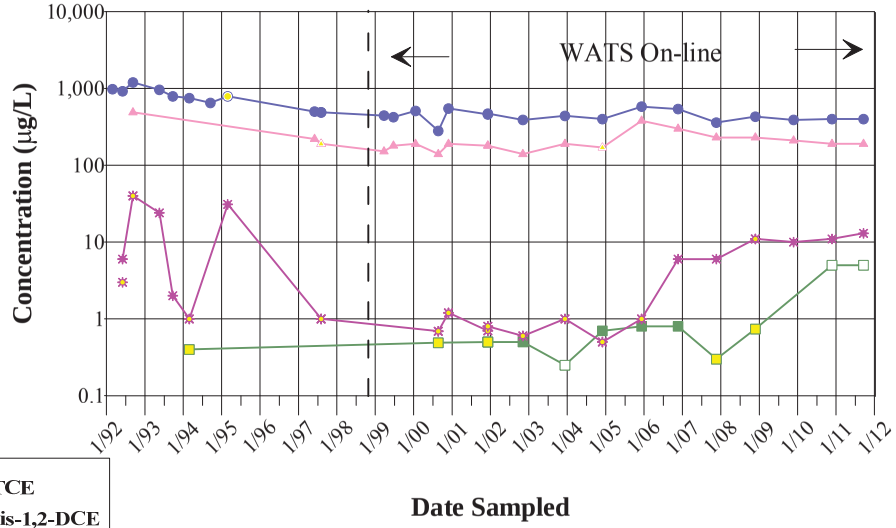


Figure 2-84 W9-45 (Upper Portion of the A Aquifer)



TCE
cis-1,2-DCE
PCE
VC

Figure 2-85 W9SC-7 (Upper Portion of the A Aquifer)

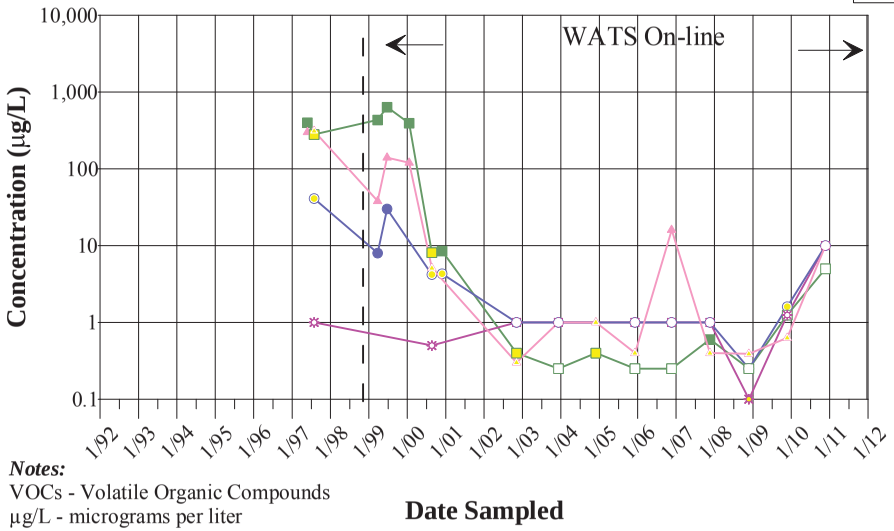
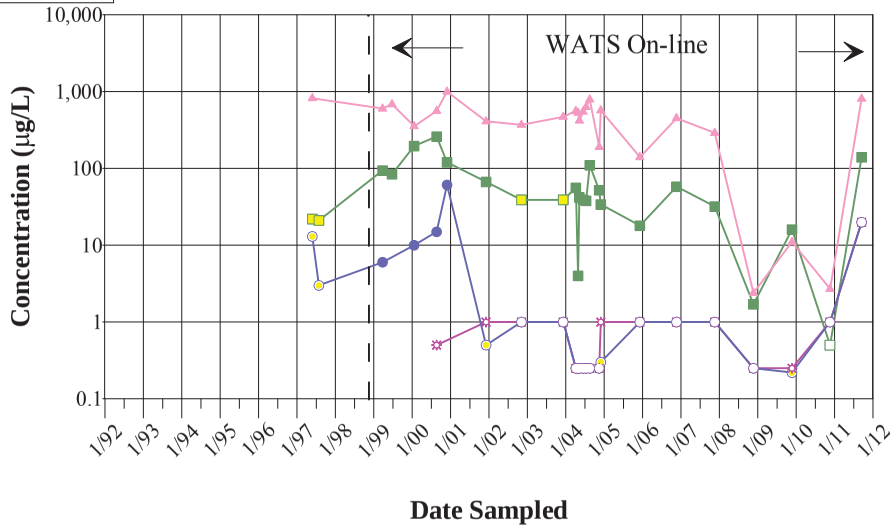


Figure 2-86 W9SC-13 (Upper Portion of the A Aquifer)



Notes:
VOCs - Volatile Organic Compounds
µg/L - micrograms per liter
TCE - trichloroethene; cis-1,2-DCE - cis-1,2,-dichloroethene; PCE - tetrachloroethene; VC - vinyl chloride
Open symbols indicate non-detect values. Yellow symbols indicate estimated values. Closed-line colored symbols indicate concentrations detected.
Non-detects are plotted at the reporting limits.

FIGURES 2-87 THROUGH 2-90
TIME SERIES OF VOCs CONCENTRATION PLOTS
IR SITE 28

Figure 2-87 W9SC-14 (Upper Portion of the A Aquifer)

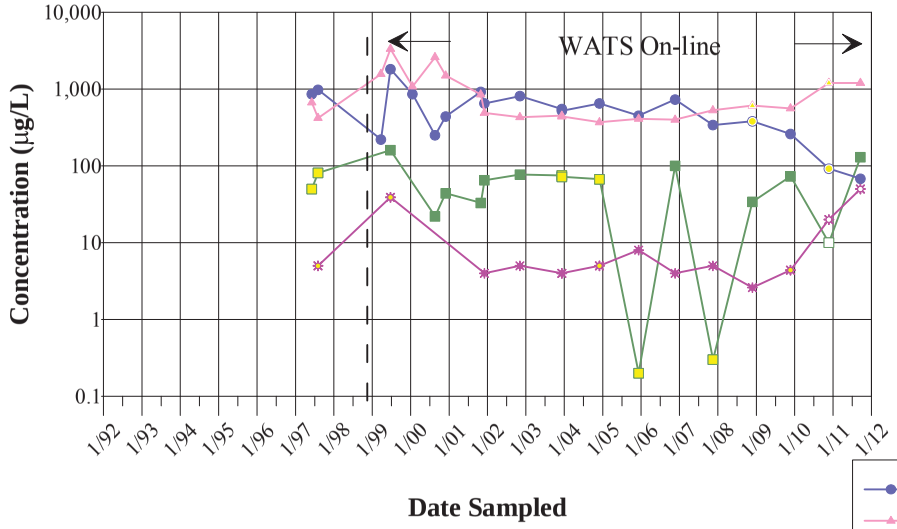
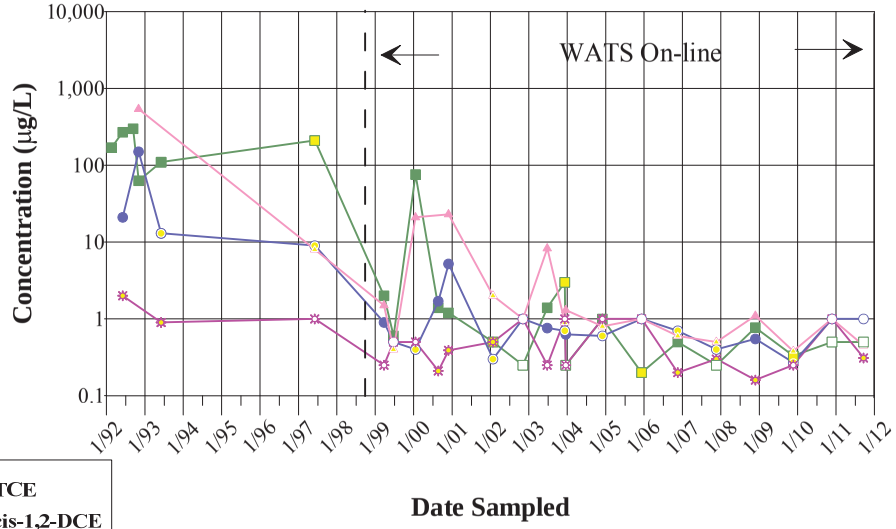


Figure 2-88 W29-1 (Upper Portion of the A Aquifer)



TCE
cis-1,2-DCE
PCE
VC

Figure 2-89 W29-3 (Upper Portion of the A Aquifer)

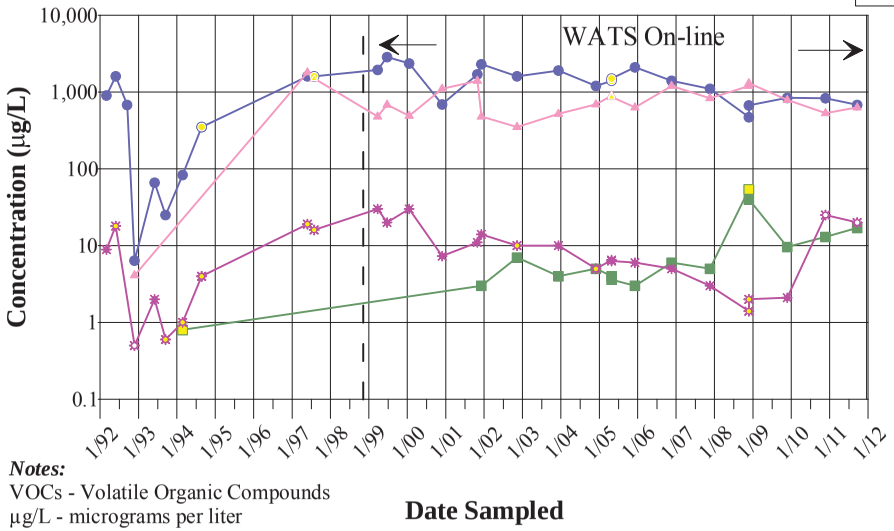
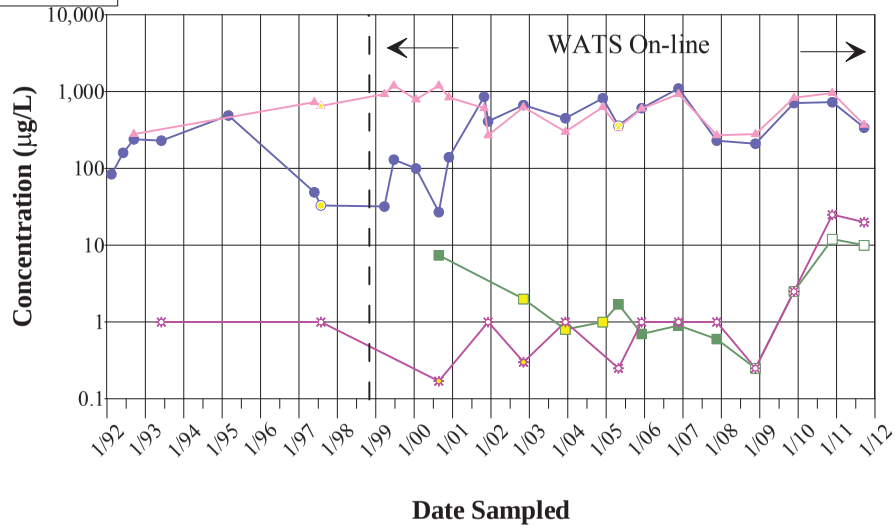


Figure 2-90 W29-4 (Upper Portion of the A Aquifer)



Notes:
VOCs - Volatile Organic Compounds
µg/L - micrograms per liter
TCE - trichloroethene; cis-1,2-DCE - cis-1,2,-dichloroethene; PCE - tetrachloroethene; VC - vinyl chloride
Open symbols indicate non-detect values. Yellow symbols indicate estimated values. Closed-line colored symbols indicate concentrations detected.
Non-detects are plotted at the reporting limits.

FIGURES 2-91 THROUGH 2-94
TIME SERIES OF VOCs CONCENTRATION PLOTS
IR SITE 28

Figure 2-91 W56-2 (Upper Portion of the A Aquifer)

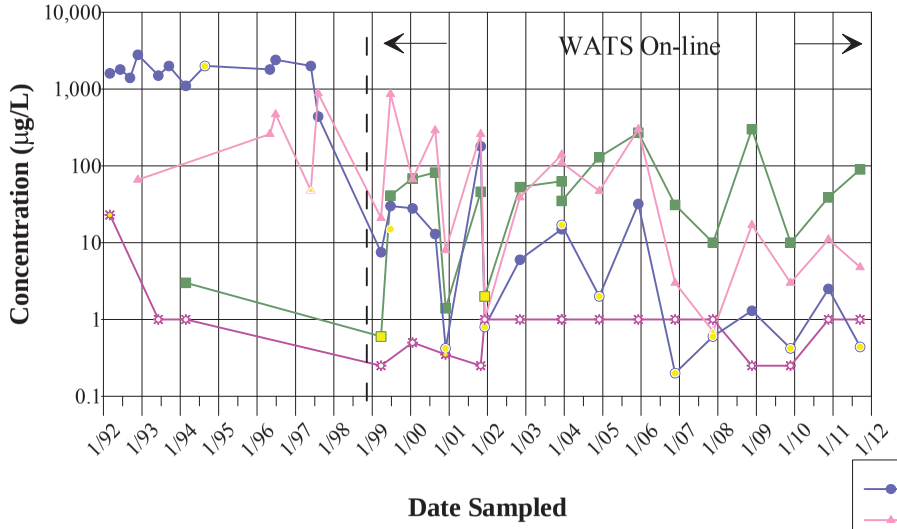
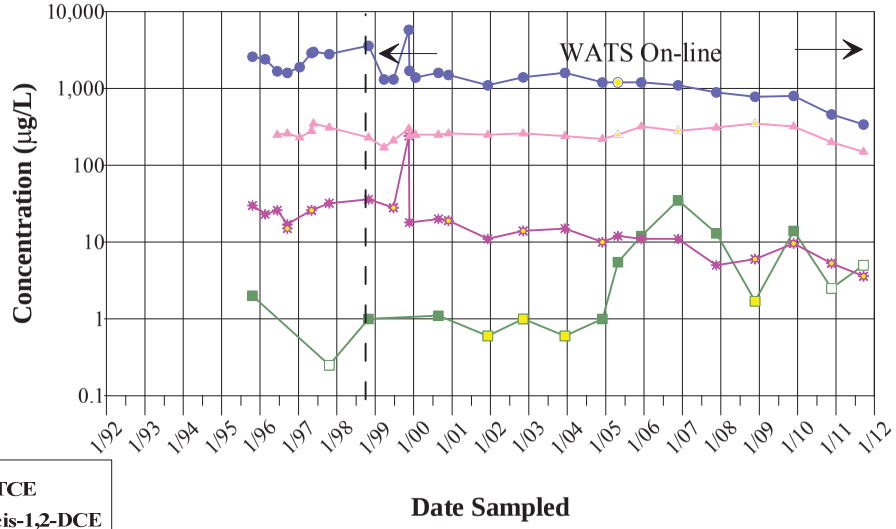


Figure 2-92 WIC-1 (Upper Portion of the A Aquifer)



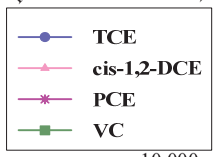


Figure 2-93 WU4-8 (Upper Portion of the A Aquifer)

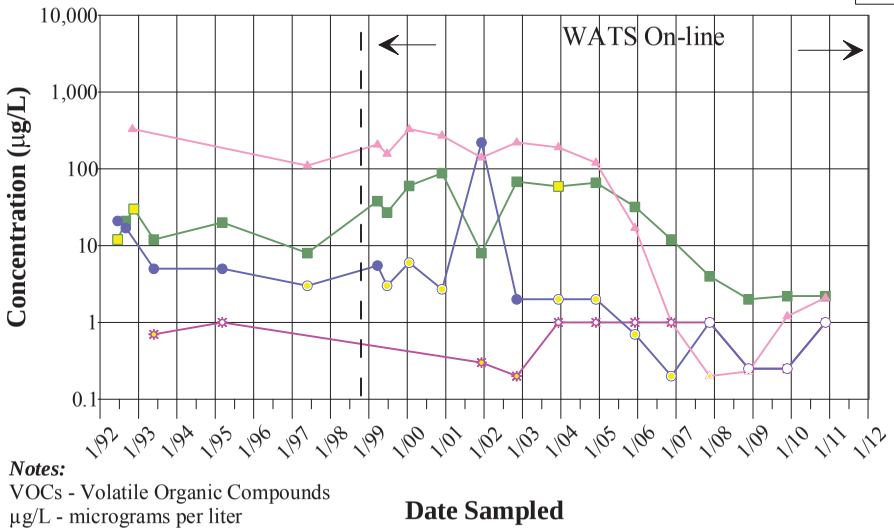
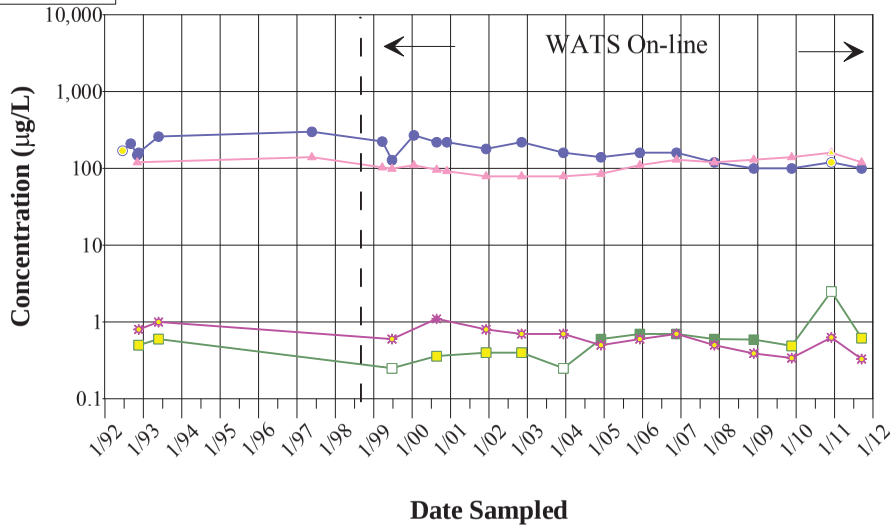


Figure 2-94 WU4-10 (Upper Portion of the A Aquifer)



Notes:
VOCs - Volatile Organic Compounds
µg/L - micrograms per liter
TCE - trichloroethene; cis-1,2-DCE - cis-1,2,-dichloroethene; PCE - tetrachloroethene; VC - vinyl chloride
Open symbols indicate non-detect values. Yellow symbols indicate estimated values. Closed-line colored symbols indicate concentrations detected.
Non-detects are plotted at the reporting limits.

FIGURES 2-95 THROUGH 2-98
TIME SERIES OF VOCs CONCENTRATION PLOTS
IR SITE 28

Figure 2-95 WU4-14 (Upper Portion of the A Aquifer)

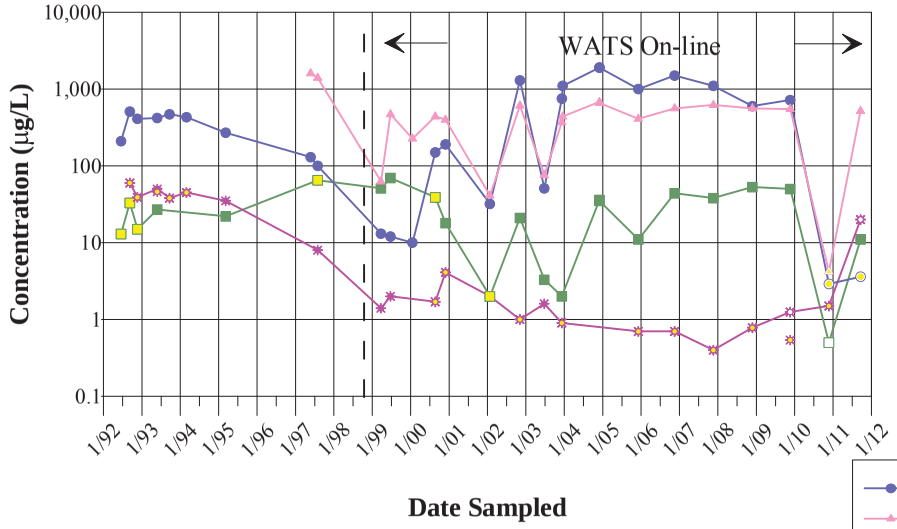
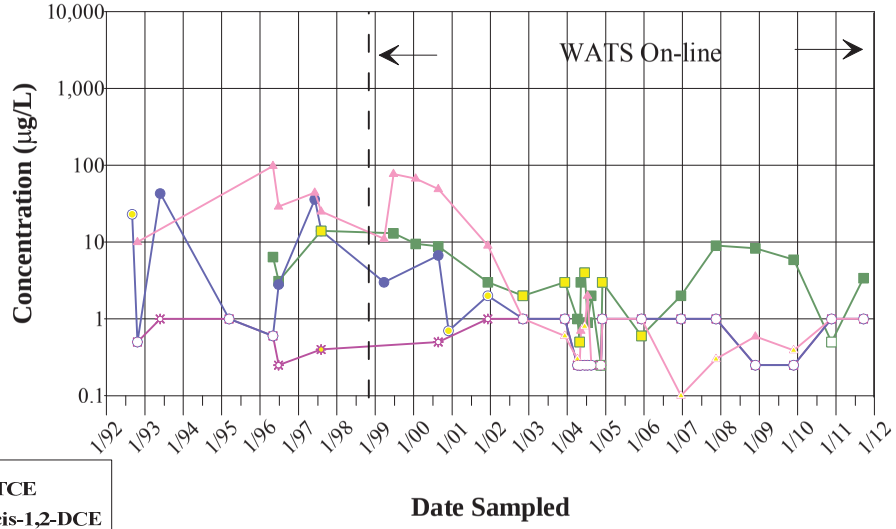


Figure 2-96 WU4-17 (Upper Portion of the A Aquifer)



TCE
cis-1,2-DCE
PCE
VC

Figure 2-97 WU4-21 (Upper Portion of the A Aquifer)

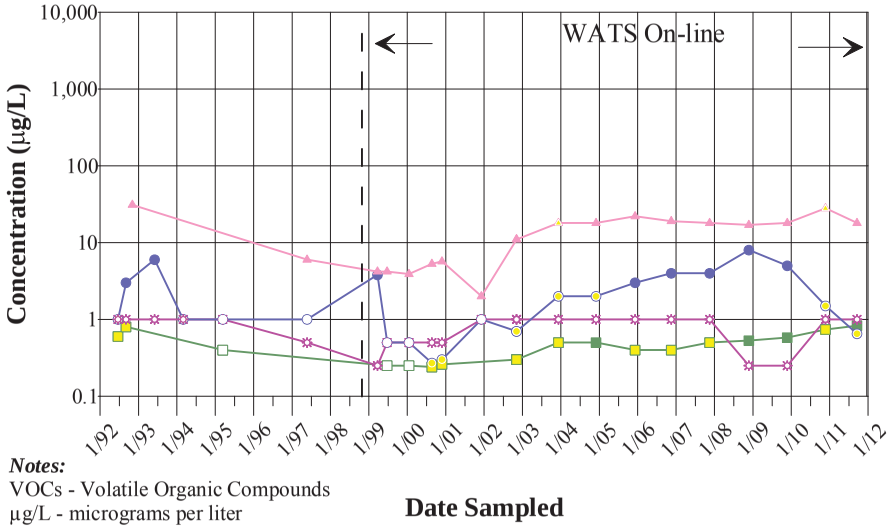
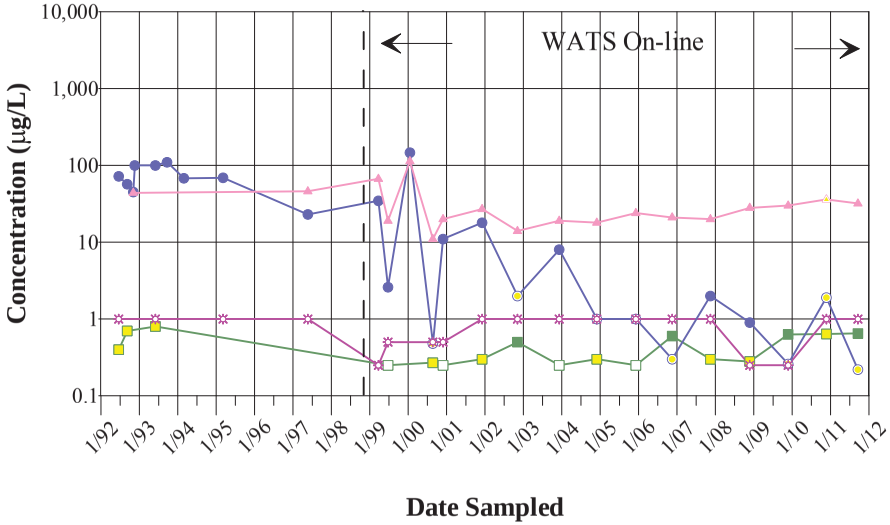


Figure 2-98 WU4-25 (Upper Portion of the A Aquifer)



Notes:
VOCs - Volatile Organic Compounds
µg/L - micrograms per liter
TCE - trichloroethene; cis-1,2-DCE - cis-1,2,-dichloroethene; PCE - tetrachloroethene; VC - vinyl chloride
Open symbols indicate non-detect values. Yellow symbols indicate estimated values. Closed-line colored symbols indicate concentrations detected.
Non-detects are plotted at the reporting limits.

FIGURES 2-99 THROUGH 2-102
TIME SERIES OF VOCs CONCENTRATION PLOTS
IR SITE 28

Figure 2-99 WWR-1 (Upper Portion of the A Aquifer)

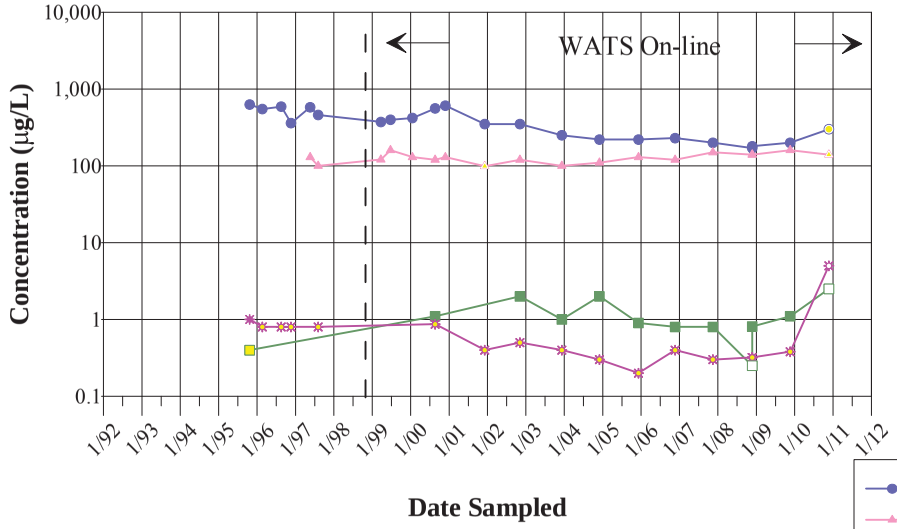
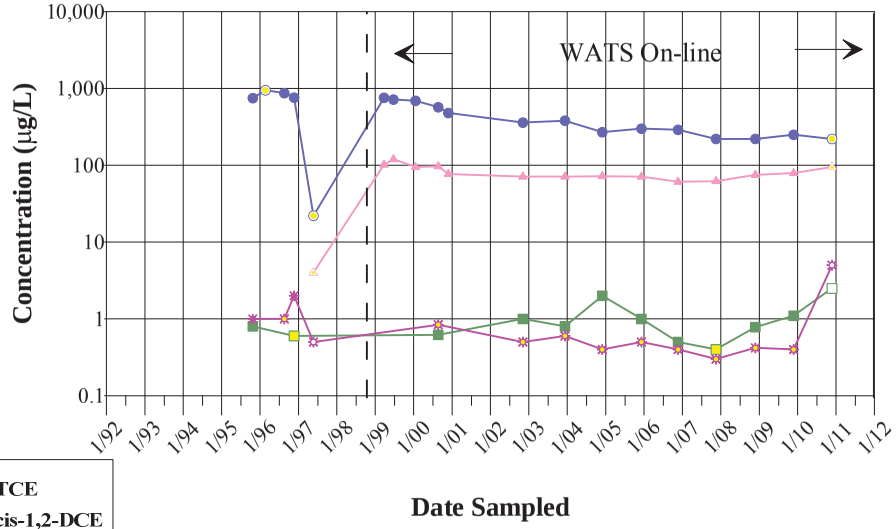


Figure 2-100 WWR-2 (Upper Portion of the A Aquifer)



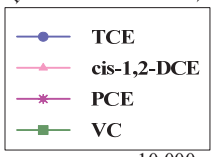


Figure 2-101 80B1 (Lower Portion of the A Aquifer)

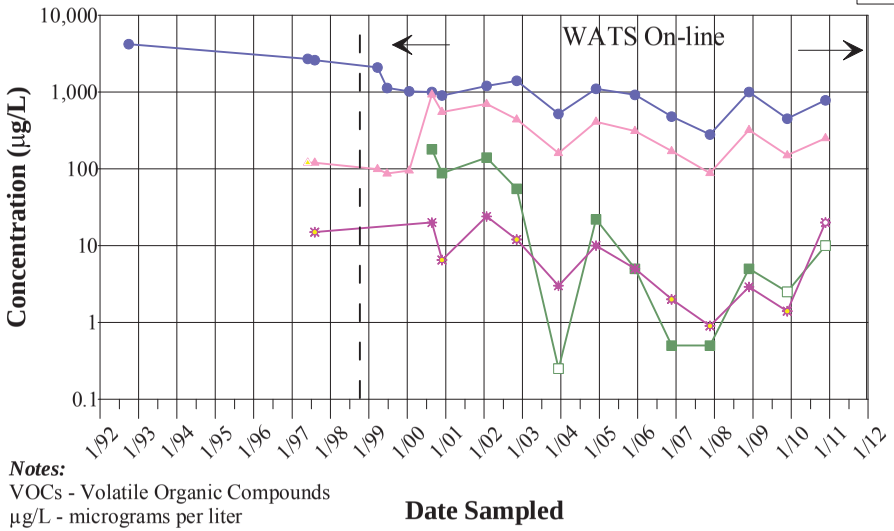
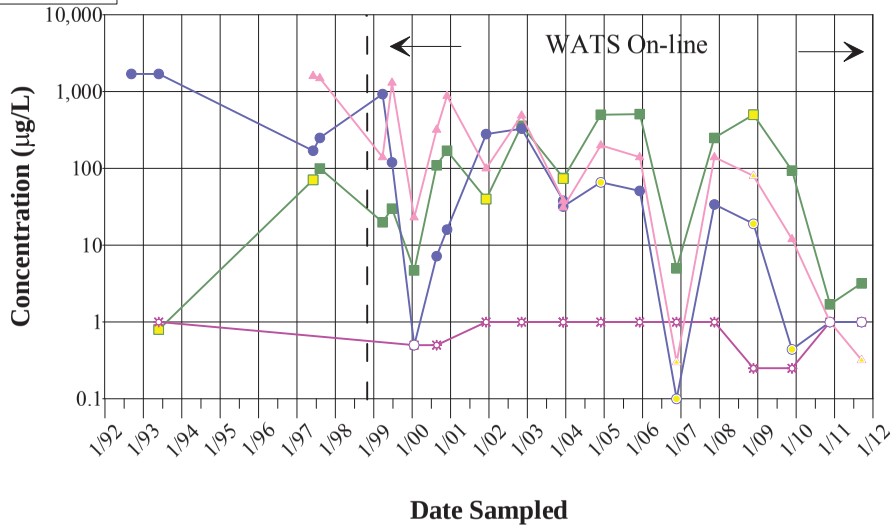


Figure 2-102 W9-9 (Lower Portion of the A Aquifer)



Notes:
VOCs - Volatile Organic Compounds
µg/L - micrograms per liter
TCE - trichloroethene; cis-1,2-DCE - cis-1,2,-dichloroethene; PCE - tetrachloroethene; VC - vinyl chloride
Open symbols indicate non-detect values. Yellow symbols indicate estimated values. Closed-line colored symbols indicate concentrations detected.
Non-detects are plotted at the reporting limits.

FIGURES 2-103 THROUGH 2-106
TIME SERIES OF VOCs CONCENTRATION PLOTS
IR SITE 28

Figure 2-103 W9-14 (Lower Portion of the A Aquifer)

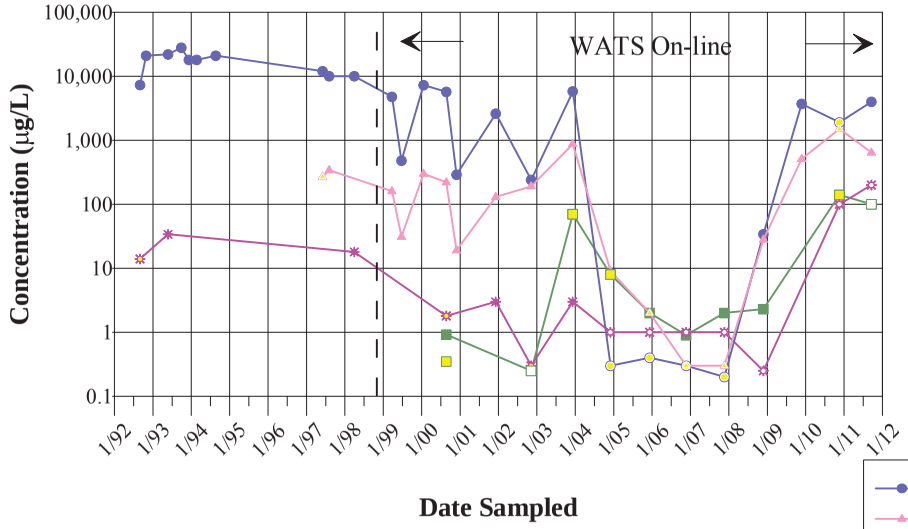
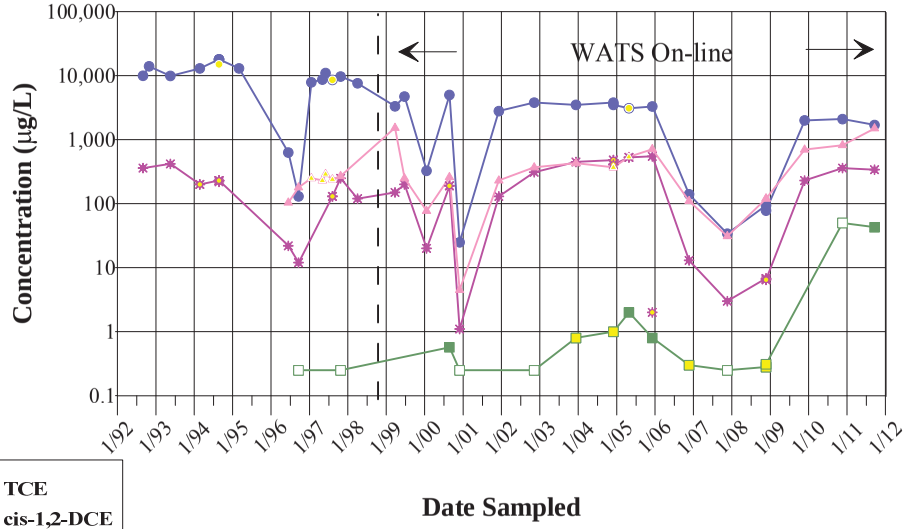


Figure 2-104 W9-20 (Lower Portion of the A Aquifer)



TCE
cis-1,2-DCE
PCE
VC

Figure 2-105 W9-21 (Lower Portion of the A Aquifer)

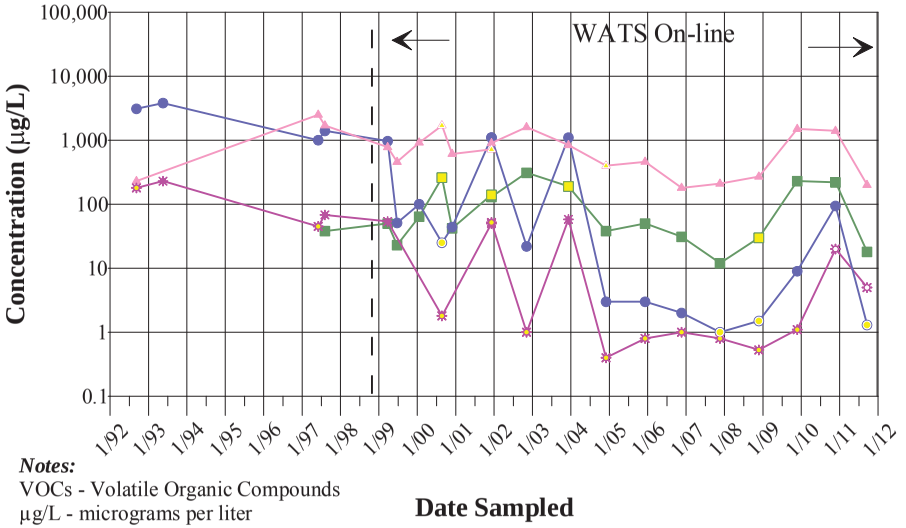
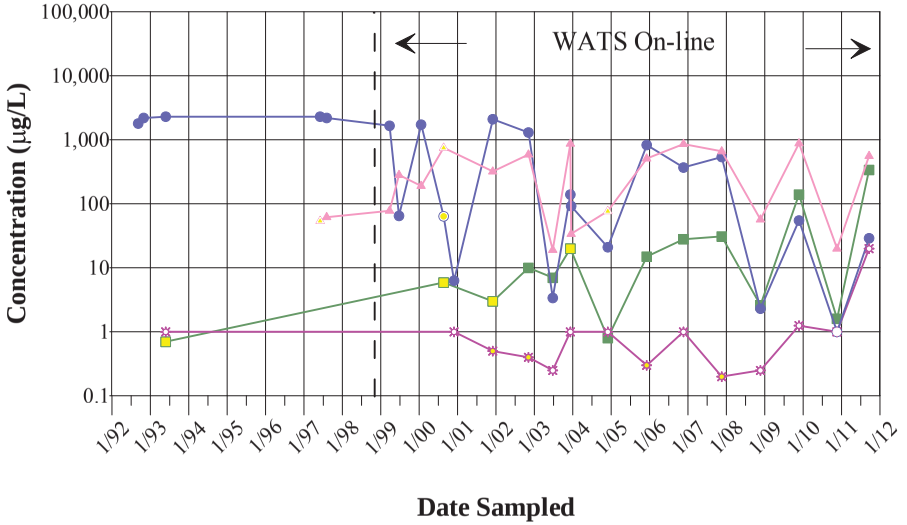


Figure 2-106 W9-34 (Lower Portion of the A Aquifer)



Notes:
VOCs - Volatile Organic Compounds
µg/L - micrograms per liter
TCE - trichloroethene; cis-1,2-DCE - cis-1,2,-dichloroethene; PCE - tetrachloroethene; VC - vinyl chloride
Open symbols indicate non-detect values. Yellow symbols indicate estimated values. Closed-line colored symbols indicate concentrations detected.
Non-detects are plotted at the reporting limits.

FIGURES 2-107 THROUGH 2-110
TIME SERIES OF VOCs CONCENTRATION PLOTS
IR SITE 28

Figure 2-107 W29-7 (Lower Portion of the A Aquifer)

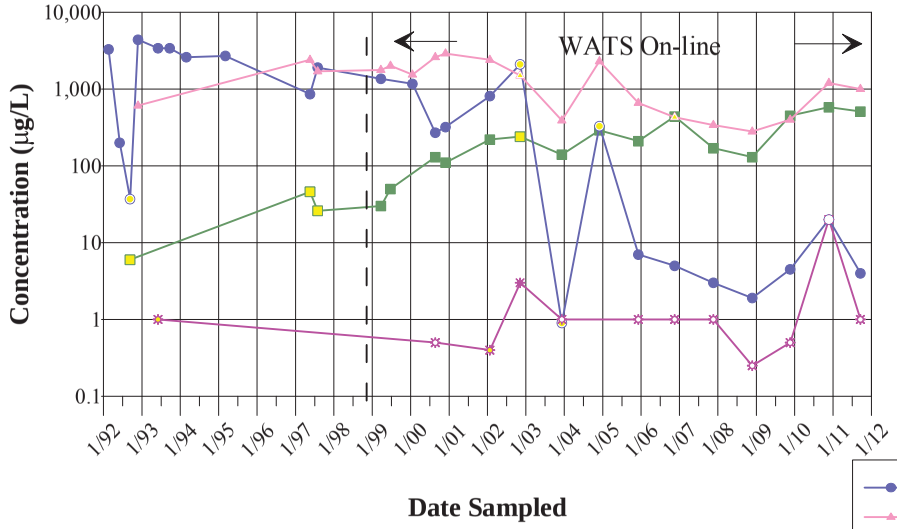
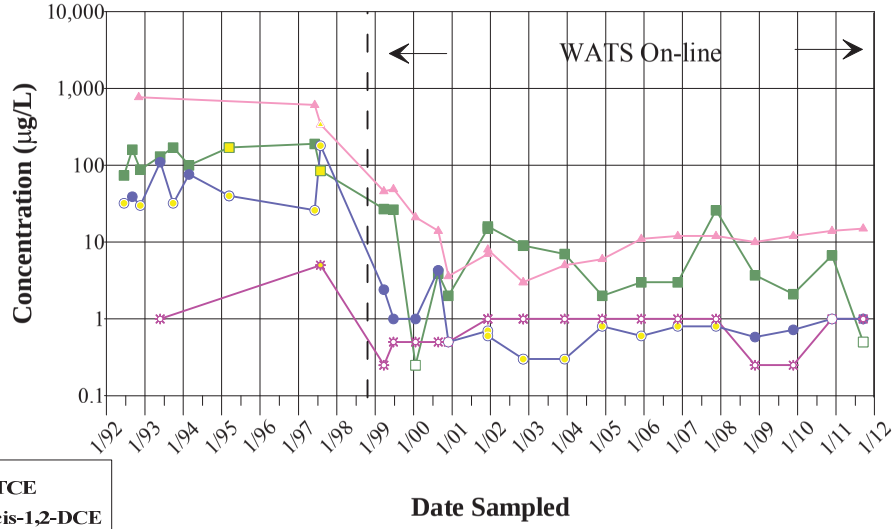


Figure 2-108 WU4-9 (Lower Portion of the A Aquifer)



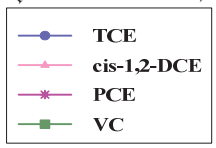


Figure 2-109 WU4-11 (Lower Portion of the A Aquifer)

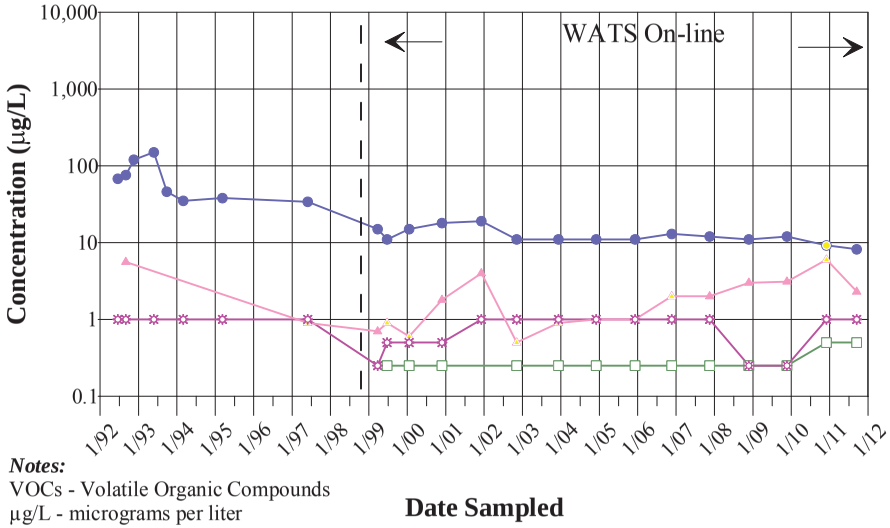
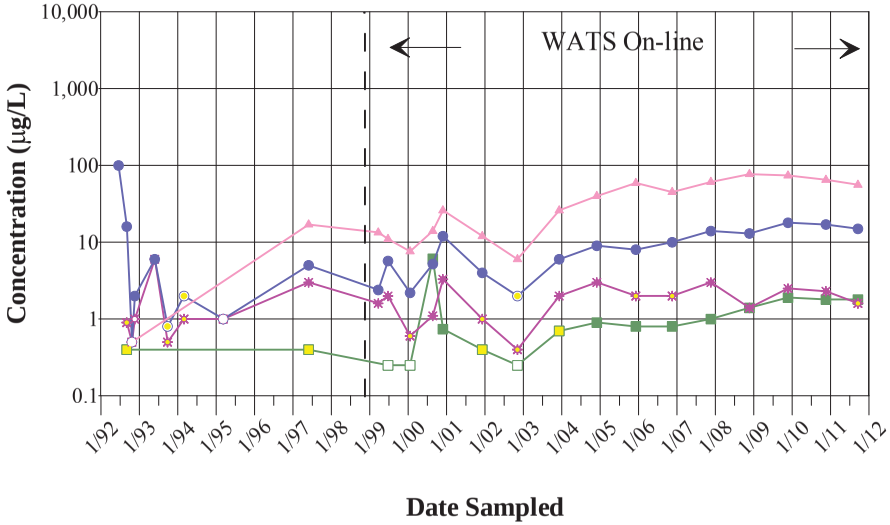
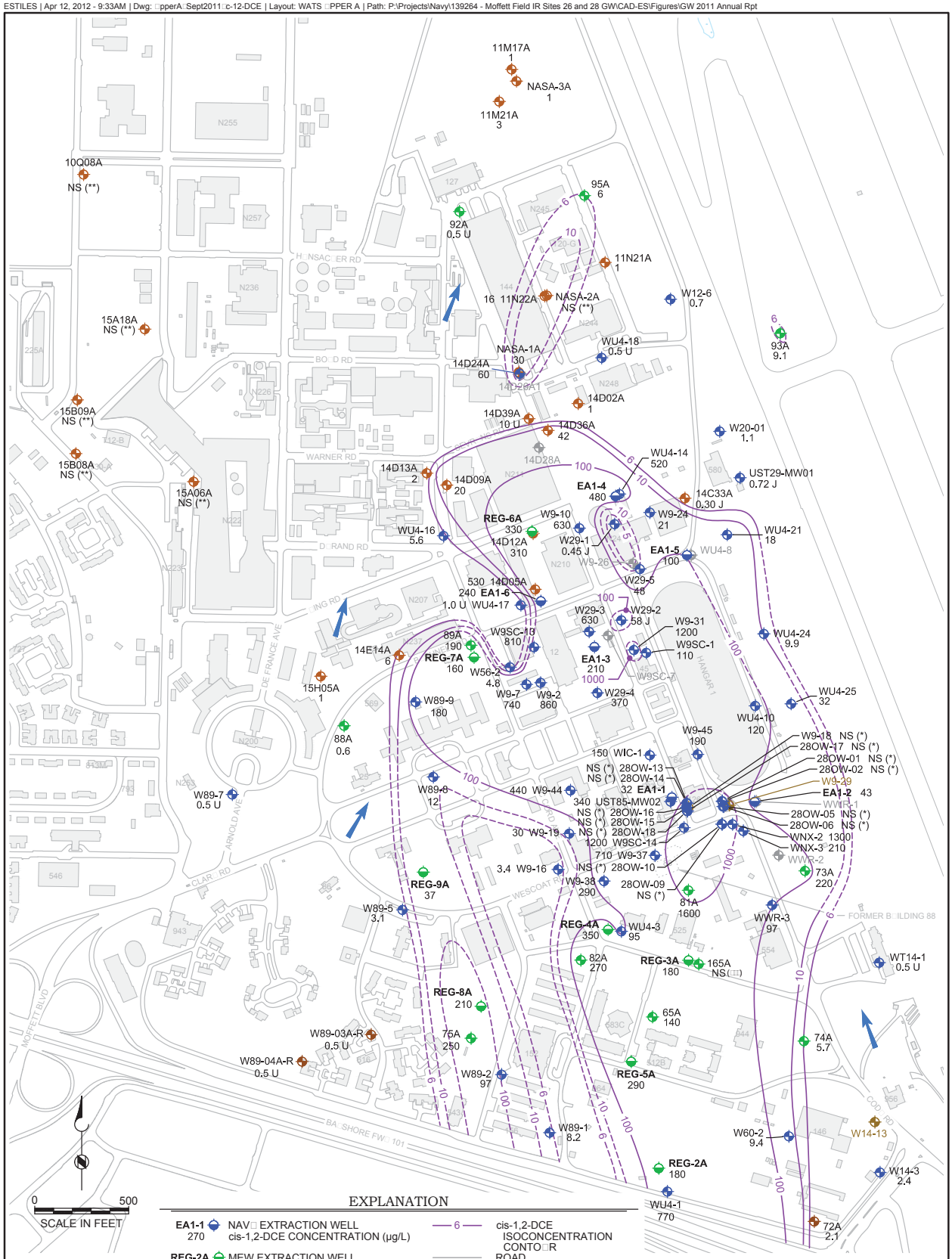


Figure 2-110 WU4-15 (Lower Portion of the A Aquifer)



Notes:
VOCs - Volatile Organic Compounds
µg/L - micrograms per liter
TCE - trichloroethene; cis-1,2-DCE - cis-1,2,-dichloroethene; PCE - tetrachloroethene; VC - vinyl chloride
Open symbols indicate non-detect values. Yellow symbols indicate estimated values. Closed-line colored symbols indicate concentrations detected.
Non-detects are plotted at the reporting limits.



EXPLANATION

EA1-1 270	NAV□ EXTRACTION WELL cis-1,2-DCE CONCENTRATION (µg/L)
REG-2A 330	MEW EXTRACTION WELL cis-1,2-DCE CONCENTRATION (µg/L)
W89-1 65	NAV□ MONITORING WELL cis-1,2-DCE CONCENTRATION (µg/L)
82A 240	MEW MONITORING WELL cis-1,2-DCE CONCENTRATION (µg/L)
15H05A 0.50 U	NASA MONITORING WELL cis-1,2-DCE CONCENTRATION (µg/L)
WWR-1	REMOVED FROM SAMPLING SCHEME BASED ON APPROVED ERS-□V 2011 SAMPLING AND ANAL□SIS PLAN
	GRO□NDWATER FLOW DIRECTION
W14-13	WELL NOT IN SAMPLING PROGRAM
6	cis-1,2-DCE ISOCONCENTRATION CONTO□R
	ROAD
□	ESTIMATED VAL□E
□	NOT REPORTED AT OR ABOVE REPORTING LIMIT
NS (□)	SAMPLES COLLECTED IN □□NE 2011. DATA REPORTED IN FINAL TECH MEMO (SHAW, MAR 2012). DATA NOT □SED IN DELINEATION
NS (□□)	NASA WELL NOT IN PROGRAM
NS (□□)	NOT SAMPLED D□E TO COMPROMISED WELL

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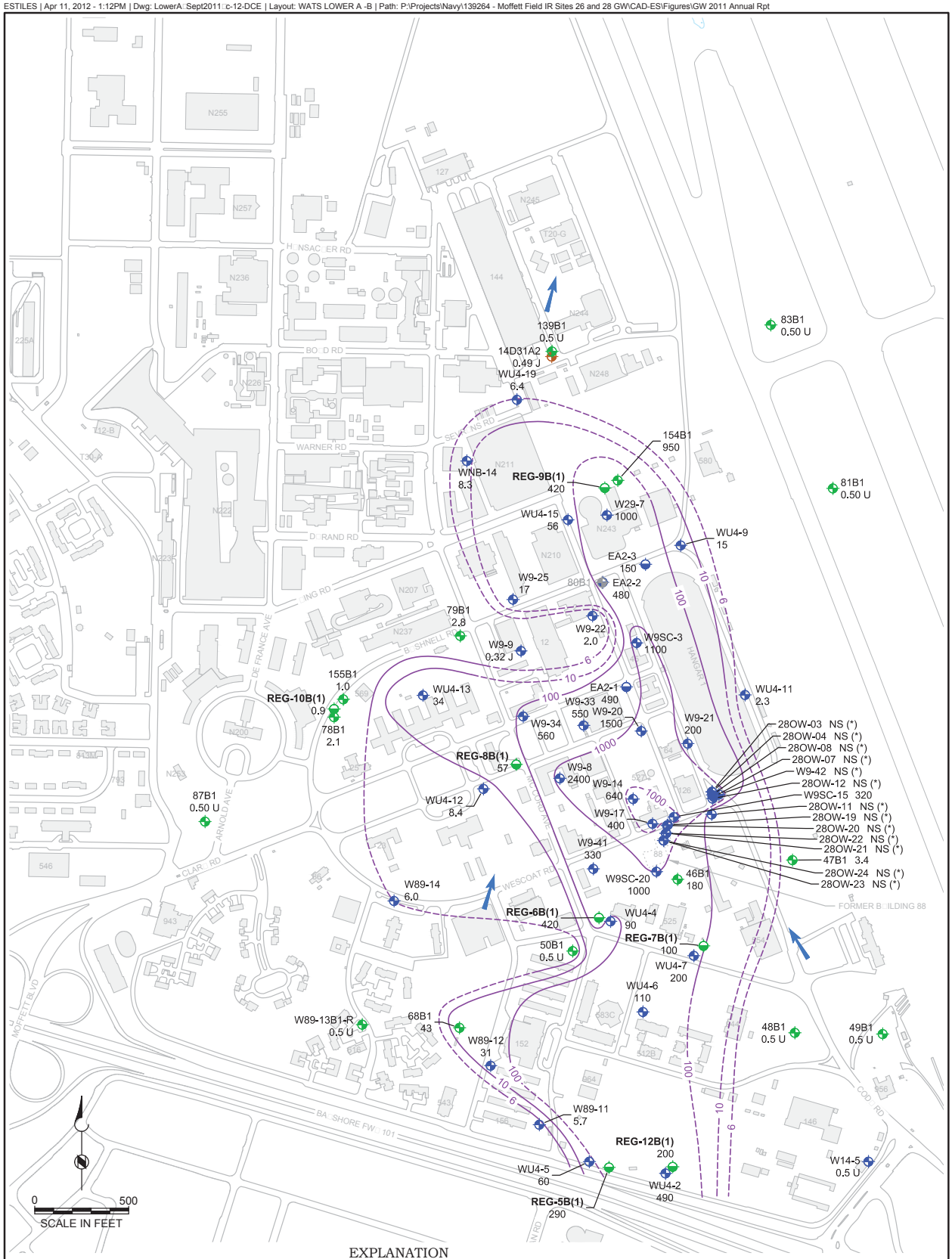
Figure 2-111

cis-1,2-DICHLOROETHENE (cis-1,2-DCE) DISTRIBUTION, IR SITE 28, UPPER PORTION OF THE A AQUIFER SEPTEMBER-OCTOBER 2011

FORMER NAS MOFFETT FIELD
MOFFETT FIELD, CALIFORNIA



EXPLANATION

EA2-3 60	NAV□ EXTRACTION WELL cis-1,2-DCE CONCENTRATION (µg/L)
REG-5B(1) 900	MEW EXTRACTION WELL cis-1,2-DCE CONCENTRATION (µg/L)
WU4-5 1600	NAV□ MONITORING WELL cis-1,2-DCE CONCENTRATION (µg/L)
154B1 63	MEW MONITORING WELL cis-1,2-DCE CONCENTRATION (µg/L)
14D31A2 1.0 U	NASA MONITORING WELL cis-1,2-DCE CONCENTRATION (µg/L)
80B1	REMOVED FROM SAMPLING SCHEME BASED ON APPROVED ERS-□V 2011 SAMPLING AND ANAL□SIS PLAN
	GRO□NDWATER FLOW DIRECTION
6	cis-1,2-DCE ISOCONCENTRATION CONTO□R
	ROAD
□	ESTIMATED VAL□E
□	NOT REPORTED AT OR ABOVE REPORTING LIMIT
NS (□)	SAMPLES COLLECTED IN □□NE 2011. DATA REPORTED IN FINAL TECH MEMO (SHAW, MAR 2012). DATA NOT □SED IN DELINEATION

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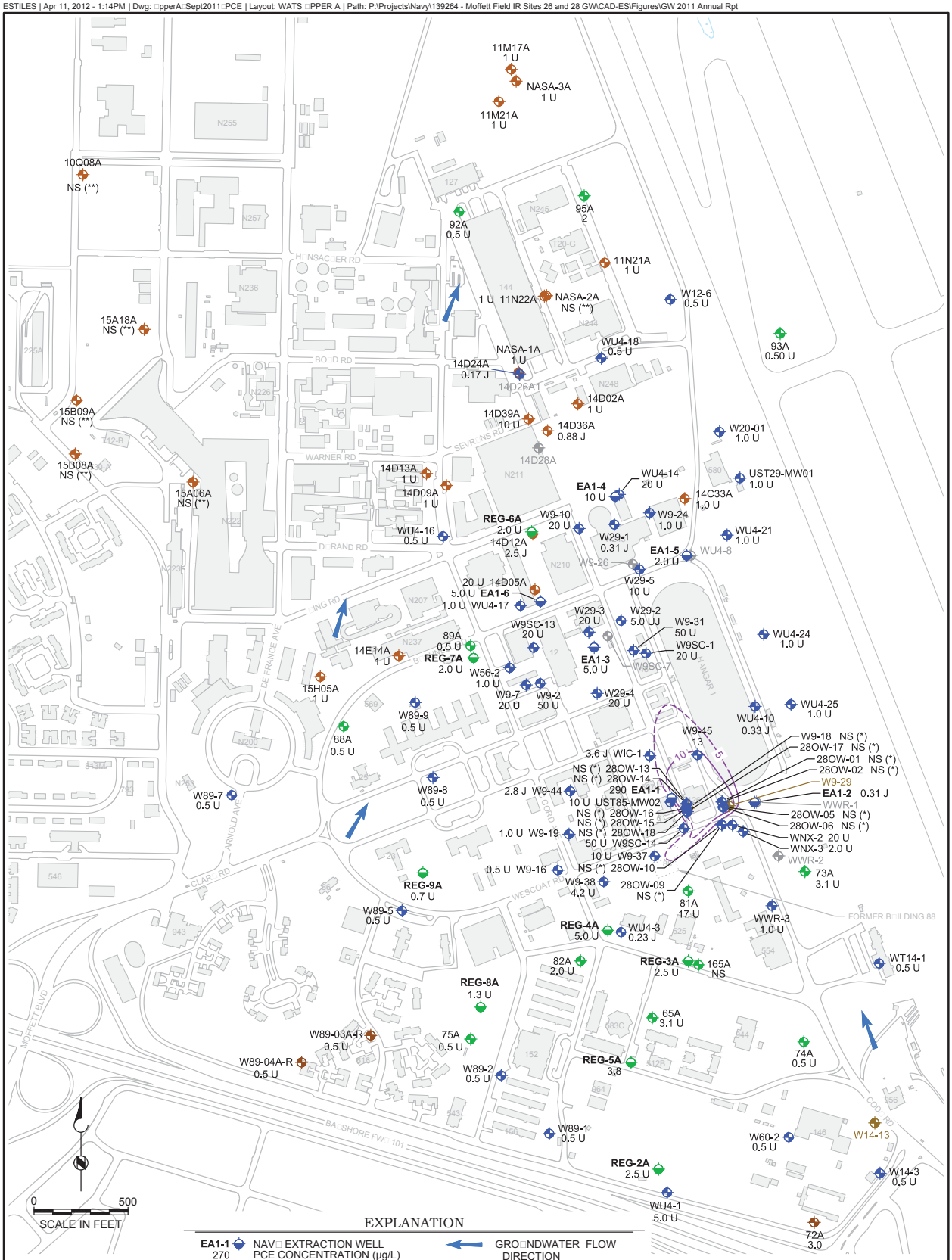
Figure 2-112

cis-1,2-DICHLOROETHENE (cis-1,2-DCE) DISTRIBUTION, IR SITE 28, LOWER PORTION OF THE A AQUIFER SEPTEMBER-OCTOBER 2011

FORMER NAS MOFFETT FIELD
MOFFETT FIELD, CALIFORNIA



EXPLANATION

EA1-1 270	NAV□ EXTRACTION WELL PCE CONCENTRATION (µg/L)
REG-2A 330	MEW EXTRACTION WELL PCE CONCENTRATION (µg/L)
W89-1 65	NAV□ MONITORING WELL PCE CONCENTRATION (µg/L)
82A 240	MEW MONITORING WELL PCE CONCENTRATION (µg/L)
15H05A 0.50 U	NASA MONITORING WELL PCE CONCENTRATION (µg/L)
WWR-1	REMOVED FROM SAMPLING SCHEME BASED ON APPROVED ERS-□V 2011 SAMPLING AND ANAL□SIS PLAN
W14-13	WELL NOT IN SAMPLING PROGRAM
	GRO□NDWATER FLOW DIRECTION
5	PCE ISOCONCENTRATION CONTO□R
	ROAD
□	ESTIMATED VAL□E
□	NOT REPORTED AT OR ABOVE REPORTING LIMIT
NS (□)	SAMPLES COLLECTED IN □□NE 2011. DATA REPORTED IN FINAL TECH MEMO (SHAW, MAR 2012). DATA NOT □SED IN DELINEATION
NS (□)	NASA WELL NOT IN PROGRAM
NS (□□)	NOT SAMPLED D□E TO COMPROMISED WELL

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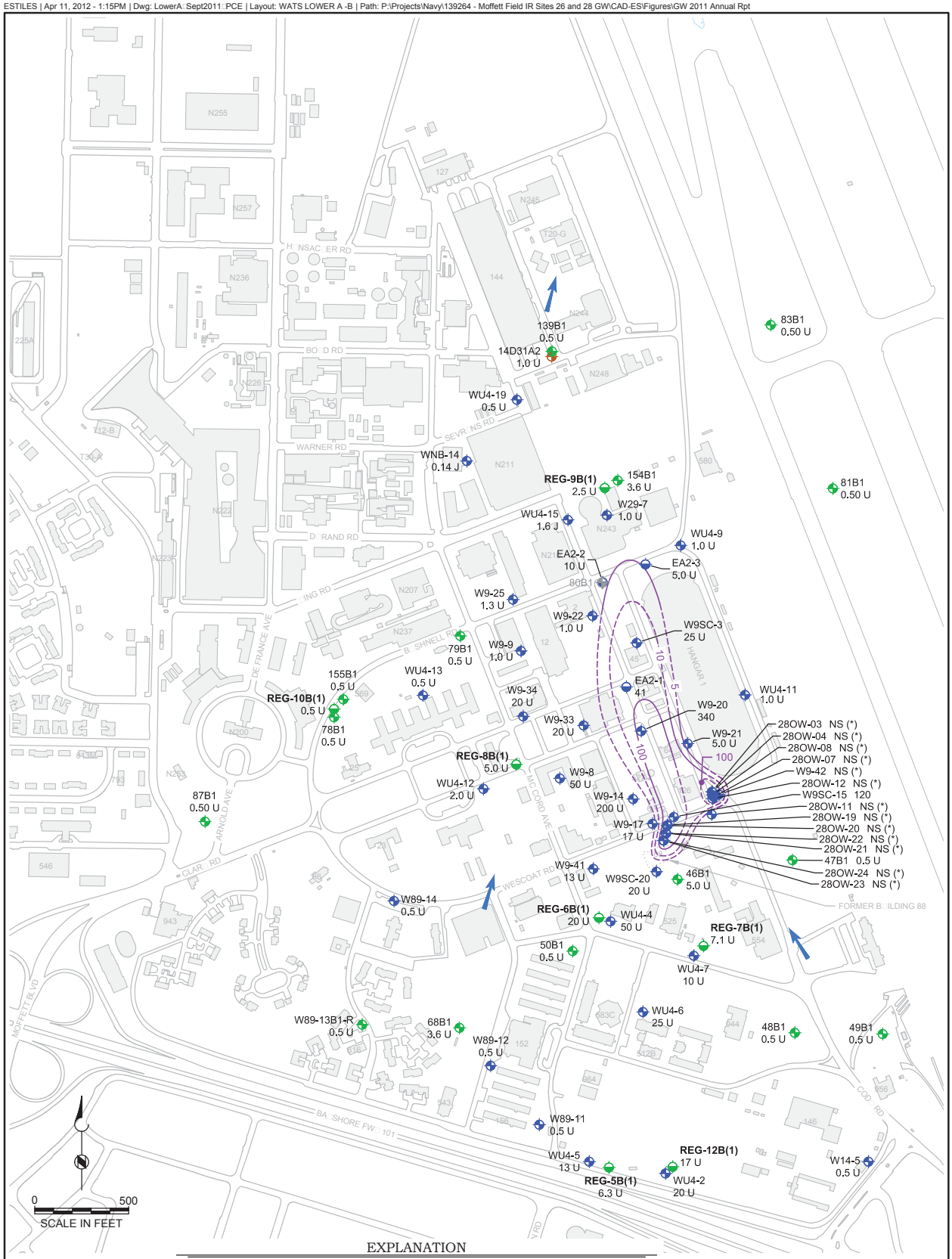
Figure 2-113

TETRACHLOROETHENE (PCE) DISTRIBUTION, IR SITE 28, UPPER PORTION OF THE A AQUIFER SEPTEMBER-OCTOBER 2011

FORMER NAS MOFFETT FIELD
MOFFETT FIELD, CALIFORNIA



EXPLANATION

EA2-3 60	NAV□ EXTRACTION WELL PCE CONCENTRATION (µg/L)
REG-5B(1) 900	MEW EXTRACTION WELL PCE CONCENTRATION (µg/L)
WU4-5 1600	NAV□ MONITORING WELL PCE CONCENTRATION (µg/L)
154B1 63	MEW MONITORING WELL PCE CONCENTRATION (µg/L)
14D31A2 1.0 U	NASA MONITORING WELL PCE CONCENTRATION (µg/L)
80B1	REMOVED FROM SAMPLING SCHEME BASED ON APPROVED ERS-□V 2011 SAMPLING AND ANAL□SIS PLAN
	GRO□NDWATER FLOW DIRECTION
5	PCE ISOCONCENTRATION CONTO□R
	ROAD
□	ESTIMATED VAL□E
□	NOT REPORTED AT OR ABOVE REPORTING LIMIT
NS (□)	SAMPLES COLLECTED IN □□NE 2011. DATA REPORTED IN FINAL TECH MEMO (SHAW, MAR 2012). DATA NOT □SED IN DELINEATION

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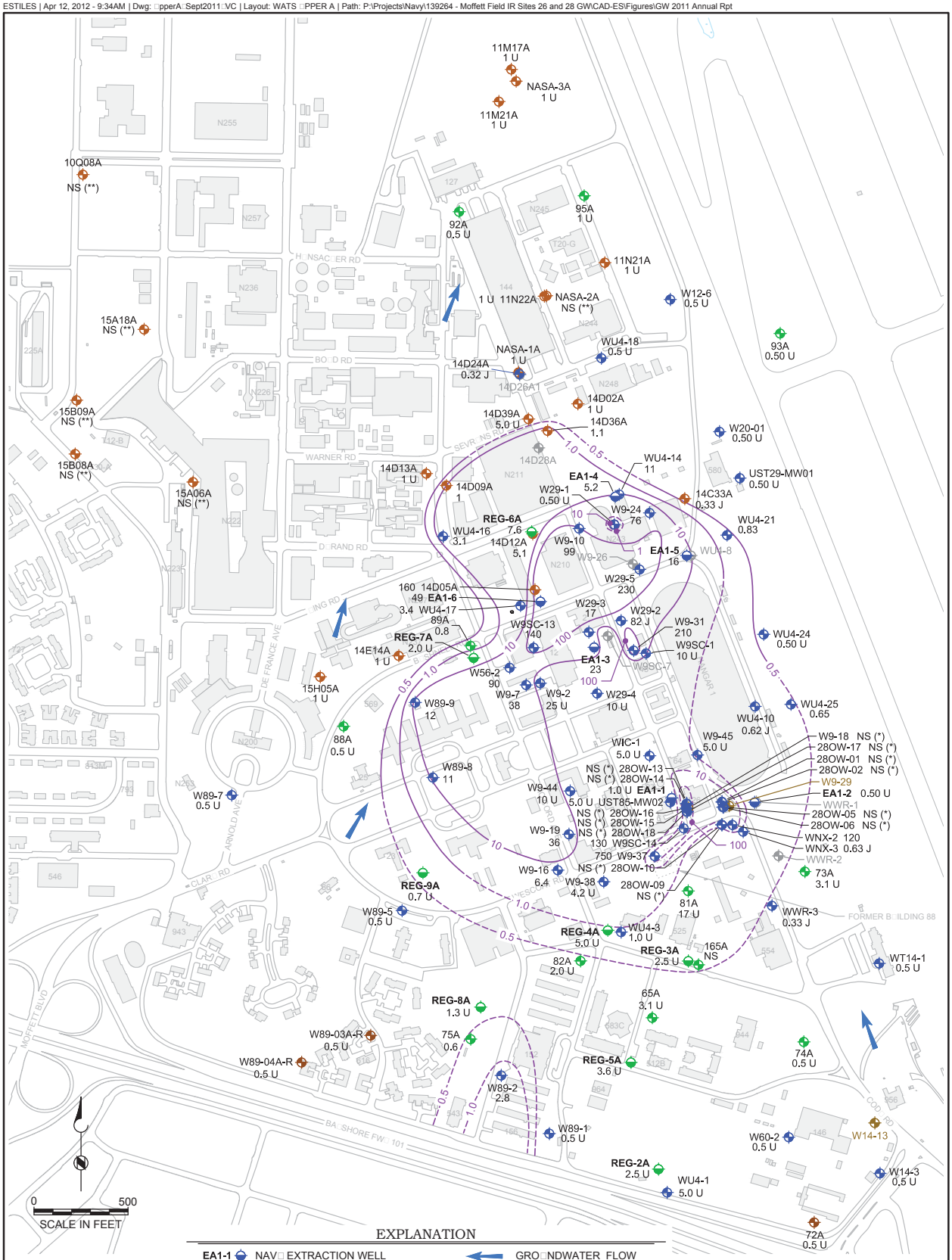
Figure 2-114

TETRACHLOROETHENE (PCE) DISTRIBUTION, IR SITE 28, LOWER PORTION OF THE A AQUIFER SEPTEMBER-OCTOBER 2011

FORMER NAS MOFFETT FIELD
MOFFETT FIELD, CALIFORNIA



EXPLANATION

EA1-1 270	NAV□ EXTRACTION WELL VC CONCENTRATION (µg/L)
REG-2A 330	MEW EXTRACTION WELL VC CONCENTRATION (µg/L)
W89-1 65	NAV□ MONITORING WELL VC CONCENTRATION (µg/L)
82A 240	MEW MONITORING WELL VC CONCENTRATION (µg/L)
15H05A 0.50 U	NASA MONITORING WELL VC CONCENTRATION (µg/L)
WWR-1	REMOVED FROM SAMPLING SCHEME BASED ON APPROVED ERS-□V 2011 SAMPLING AND ANAL□SIS PLAN
W14-13	WELL NOT IN SAMPLING PROGRAM
	GRO□NDWATER FLOW DIRECTION
0.5	VC ISOCONCENTRATION CONTO□R
	ROAD
□	ESTIMATED VAL□E
□	NOT REPORTED AT OR ABOVE REPORTING LIMIT
NS (□)	SAMPLES COLLECTED IN □□NE 2011. DATA REPORTED IN FINAL TECH MEMO (SHAW, MAR 2012). DATA NOT □SED IN DELINEATION
NS (□□)	NASA WELL NOT IN PROGRAM
NS (□□)	NOT SAMPLED D□E TO COMPROMISED WELL

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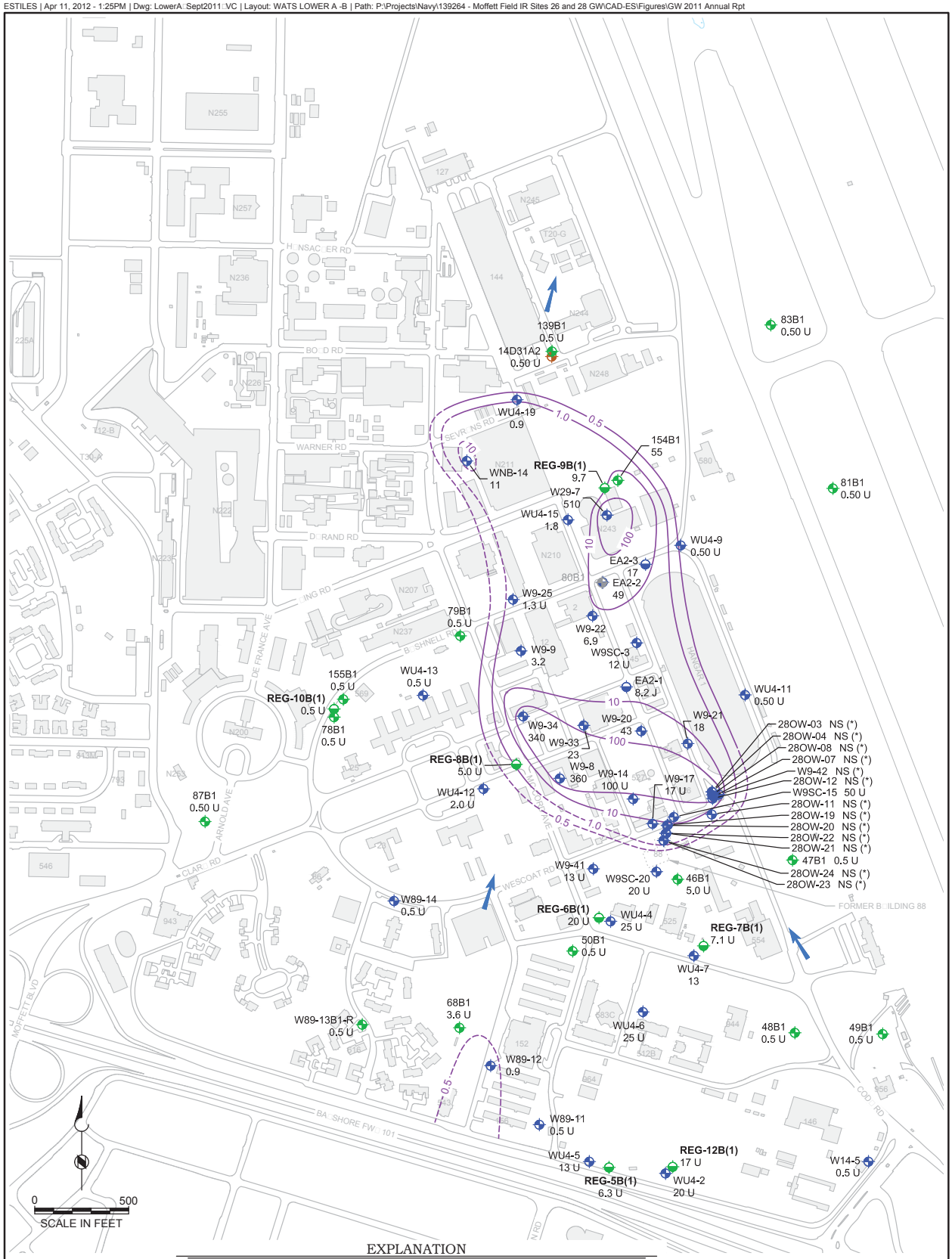
Figure 2-115

VINYL CHLORIDE (VC) DISTRIBUTION, IR SITE 28, UPPER PORTION OF THE A AQUIFER SEPTEMBER-OCTOBER 2011

FORMER NAS MOFFETT FIELD
MOFFETT FIELD, CALIFORNIA



EXPLANATION

EA2-3 60	NAV□ EXTRACTION WELL VC CONCENTRATION (µg/L)
REG-5B(1) 900	MEW EXTRACTION WELL VC CONCENTRATION (µg/L)
WU4-5 1600	NAV□ MONITORING WELL VC CONCENTRATION (µg/L)
154B1 63	MEW MONITORING WELL VC CONCENTRATION (µg/L)
14D31A2 1.0 U	NASA MONITORING WELL VC CONCENTRATION (µg/L)
80B1	REMOVED FROM SAMPLING SCHEME BASED ON APPROVED ERS-□V 2011 SAMPLING AND ANAL□SIS PLAN
	GRO□NDWATER FLOW DIRECTION
0.5	VC ISOCONCENTRATION CONTO□R
	ROAD
□	ESTIMATED VAL□E
□	NOT REPORTED AT OR ABOVE REPORTING LIMIT
NS (□)	SAMPLES COLLECTED IN □□NE 2011. DATA REPORTED IN FINAL TECH MEMO (SHAW, MAR 2012). DATA NOT □SED IN DELINEATION

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Figure 2-116

VINYL CHLORIDE (VC) DISTRIBUTION, IR SITE 28, LOWER PORTION OF THE A AQUIFER SEPTEMBER-OCTOBER 2011

FORMER NAS MOFFETT FIELD
MOFFETT FIELD, CALIFORNIA