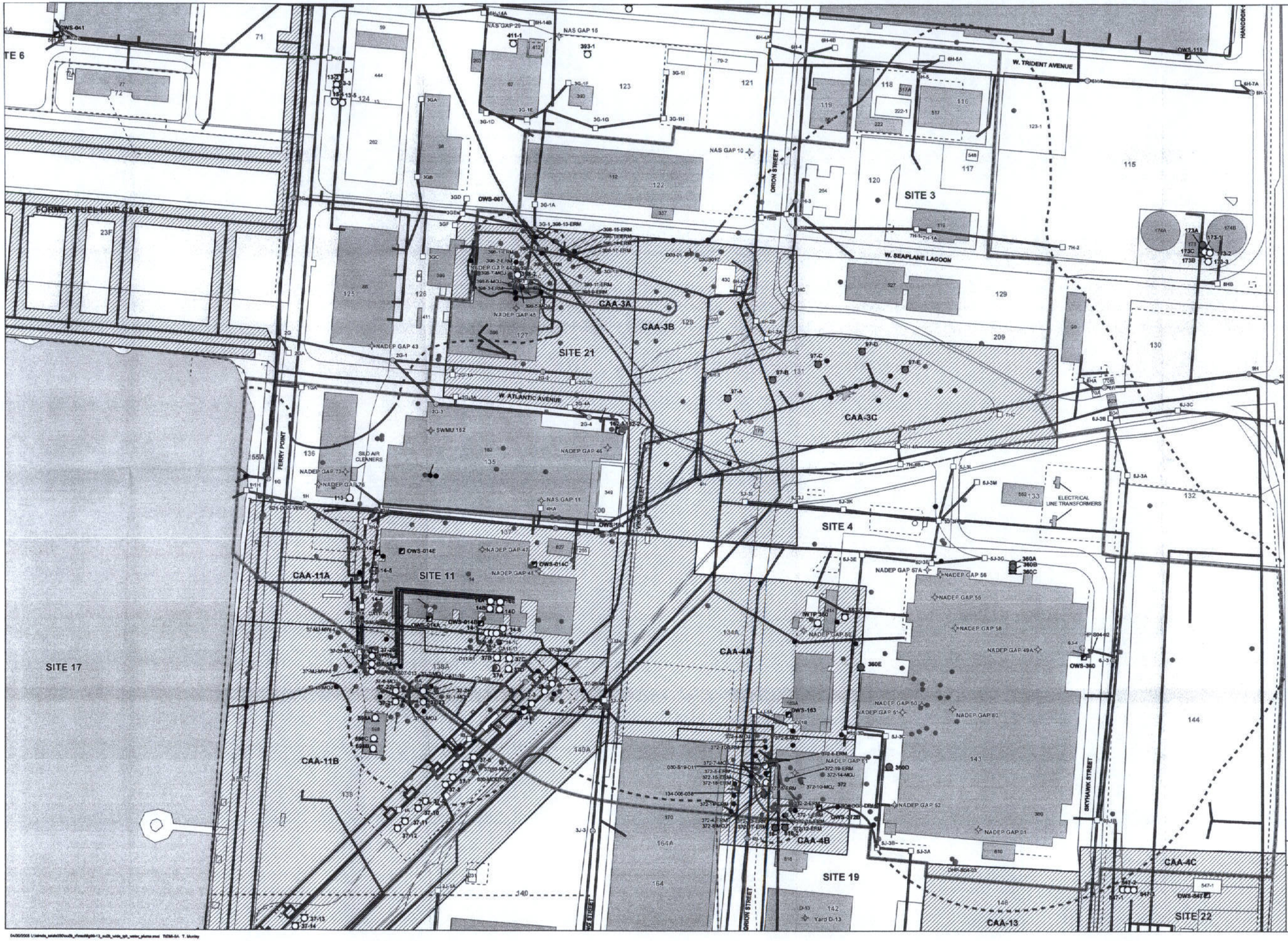
Previous



SAMPLING LOCATION

- Location analyzed for TPH in groundwater
- TPH detected in groundwater
- Non-detect plume boundary line for TPH in groundwater
- Inferred plume boundary for TPH in groundwater
- TPH plume in groundwater

ABOVEGROUND STORAGE TANK (AST)

- Present
- Removed

UNDERGROUND STORAGE TANK (UST)

- Present
- Removed
- GENERATOR ACCUMULATION POINT (GAP)
- SOLID WASTE MANAGEMENT UNIT (SWMU)
- CATCH BASIN
- MANHOLE
- OIL-WATER SEPARATOR (OWS)
- FENCE
- FUEL LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- INDUSTRIAL WASTE LINE
- CORRECTIVE ACTION AREA (CAA)
- CERCLA SITE BOUNDARY
- OU-2B BOUNDARY
- # ENVIRONMENTAL BASELINE SURVEY (EBS) PARCEL BOUNDARY AND NUMBER
- LAND COVER

BUILDING

- Present
- Removed

Note:
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
Buildings 360A through D could not be located and are not included on this figure.

50 0 50 100 Feet

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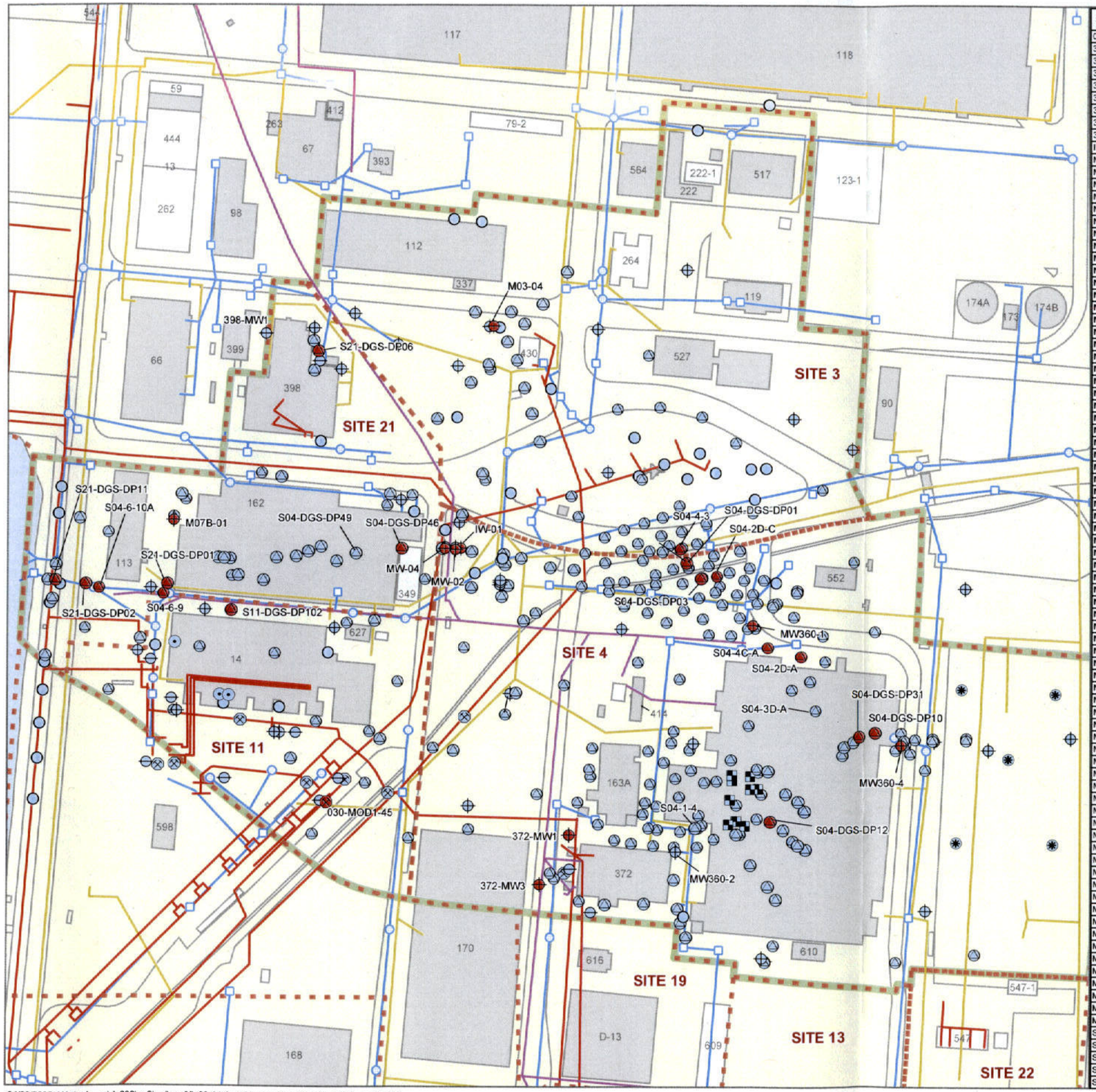
FIGURE 9-13
OU-WIDE TPH IN GROUNDWATER PLUME

Operable Unit 2B
Remedial Investigation Report



Sample Location	Sampling Date	Sample Depth (feet)	Concentration[1] (ug/L)	Qualifier
030-MOD1-45	11/20/98	9 - 9.5	**3.2**	
372-MW1	12/17/97	2.5 - 12.5	**0.75**	
372-MW1	6/29/01	2.5 - 12.5	2	U
372-MW1	7/11/02	2.5 - 12.5	0.5	U
372-MW3	12/17/97	0 - 0	**0.66**	
372-MW3	3/17/98	0 - 0	**0.61**	
372-MW3	6/29/01	2.7 - 12.7	2	U
398-MW1	5/1/00	2.41 - 12.41	0.5	J
398-MW1	6/26/01	2.41 - 12.41	0.3	J
IW-01	9/12/02	-	**0.71**	J
M03-04	12/15/94	3 - 11	1	U
M03-04	2/7/95	3 - 11	1	U
M03-04	6/9/95	3 - 11	25	U
M03-04	8/4/95	3 - 11	25	U
M03-04	11/3/97	3 - 11	1	U
M03-04	2/10/98	3 - 11	10	U
M03-04	5/11/98	3 - 11	1	U
M03-04	8/4/98	3 - 11	25	U
M03-04	6/27/01	3 - 11	20	UJ
M03-04	6/20/02	3 - 11	1.7	U
M03-04	9/6/02	3 - 11	1.7	U
M03-04	12/10/02	3 - 11	**1.2**	J
M07B-01	8/21/91	4 - 11	1	U
M07B-01	11/1/94	4 - 11	1	U
M07B-01	6/16/95	4 - 11	1	U
M07B-01	8/23/95	4 - 11	1	U
M07B-01	11/5/97	4 - 11	1	U
M07B-01	2/13/98	4 - 11	1	UJ
M07B-01	5/13/98	4 - 11	1	U
M07B-01	8/7/98	4 - 11	**2**	J
M07B-01	6/26/01	4 - 11	2	U
M07B-01	6/20/02	4 - 11	0.5	U
M07B-01	9/6/02	4 - 11	0.5	U
M07B-01	12/9/02	4 - 11	0.5	U
MW-02	9/12/02	-	**1.4**	
MW-04	9/12/02	-	**1.6**	
MW360-1	7/11/90	5 - 15	250	U
MW360-1	7/6/94	5 - 15	25	U
MW360-1	9/22/94	5 - 15	250	U
MW360-1	1/24/95	5 - 15	50	U
MW360-1	4/24/95	5 - 15	330	U
MW360-1	11/7/97	5 - 15	3	
MW360-1	2/9/98	5 - 15	25	U
MW360-1	5/6/98	5 - 15	250	U
MW360-1	8/4/98	5 - 15	**2**	J
MW360-1	7/9/01	5 - 15	**2.1**	
MW360-1	7/9/01	5 - 15	10	U
MW360-1	7/9/01	5 - 15	20	U
MW360-1	7/10/01	5 - 15	**2**	J
MW360-1	6/19/02	5 - 15	6.3	U
MW360-1	9/9/02	5 - 15	**2.9**	J
MW360-1	12/10/02	5 - 15	**3**	J
MW360-2	7/11/90	5 - 15	100	U
MW360-2	7/5/94	5 - 15	50	U
MW360-2	9/27/94	5 - 15	33	U
MW360-2	1/24/95	5 - 15	100	U
MW360-2	4/24/95	5 - 15	50	U
MW360-2	11/6/97	5 - 15	1	U
MW360-2	2/9/98	5 - 15	5	U
MW360-2	5/6/98	5 - 15	1	U
MW360-2	8/4/98	5 - 15	1	U
MW360-2	7/10/01	5 - 15	1	U
MW360-2	7/10/01	5 - 15	2	U
MW360-2	7/16/01	5 - 15	2	U
MW360-2	6/19/02	5 - 15	1	U
MW360-2	9/9/02	5 - 15	0.2	J
MW360-2	12/9/02	5 - 15	0.5	U
MW360-4	8/3/90	5 - 15	50	U
MW360-4	7/1/94	5 - 15	330	U
MW360-4	9/23/94	5 - 15	500	U
MW360-4	1/23/95	5 - 15	50	U
MW360-4	4/25/95	5 - 15	250	U
MW360-4	11/6/97	5 - 15	1	U
MW360-4	2/9/98	5 - 15	1	U
MW360-4	5/6/98	5 - 15	1	U
MW360-4	8/5/98	5 - 15	1	U
MW360-4	6/27/01	5 - 15	2	U
MW360-4	6/29/01	5 - 15	2	U
MW360-4	6/19/02	5 - 15	1.3	U
MW360-4	9/9/02	5 - 15	0.5	U
MW360-4	12/10/02	5 - 15	**1.3**	J
S04-1-4	2/18/98	9.5 - 11.5	0.5	U
S04-1-4	2/18/98	11.5 - 13.5	0.5	U
S04-1-4	2/18/98	13.5 - 15.5	0.5	U
S04-1-4	1/29/98	20 - 25	**2.1**	
S04-1-4	1/29/98	25 - 30	**5.4**	

SAMPLING LOCATION
Red = Exceeds Screening Level[2]
Blue = Below Screening Level

- Direct-Push
- Excavation
- Hand Auger
- Manhole/Storm Drain
- Monitoring Well
- Piezometer
- Soil Boring
- Soil Gas
- Surface Location
- CATCH BASIN
- MANHOLE
- INDUSTRIAL WASTE LINE
- FUEL LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- OPERABLE UNIT 2B BOUNDARY
- CERCLA SITE BOUNDARY

BUILDING
- Present
- Removed
- LAND COVER
- WATER

Notes:
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
J = Estimated
PCE = Tetrachloroethene
U = Non-detected

[1]Concentrations are presented in micrograms per liter (mg/L).
[2]Risk based screening level is 0.66 mg/L (based on 1E-06).

100 0 100 200 Feet

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FIGURE 9-14 (1 OF 2)
OU-2B CONCENTRATIONS OF PCE IN GROUNDWATER

Operable Unit 2B
Remedial Investigation Report

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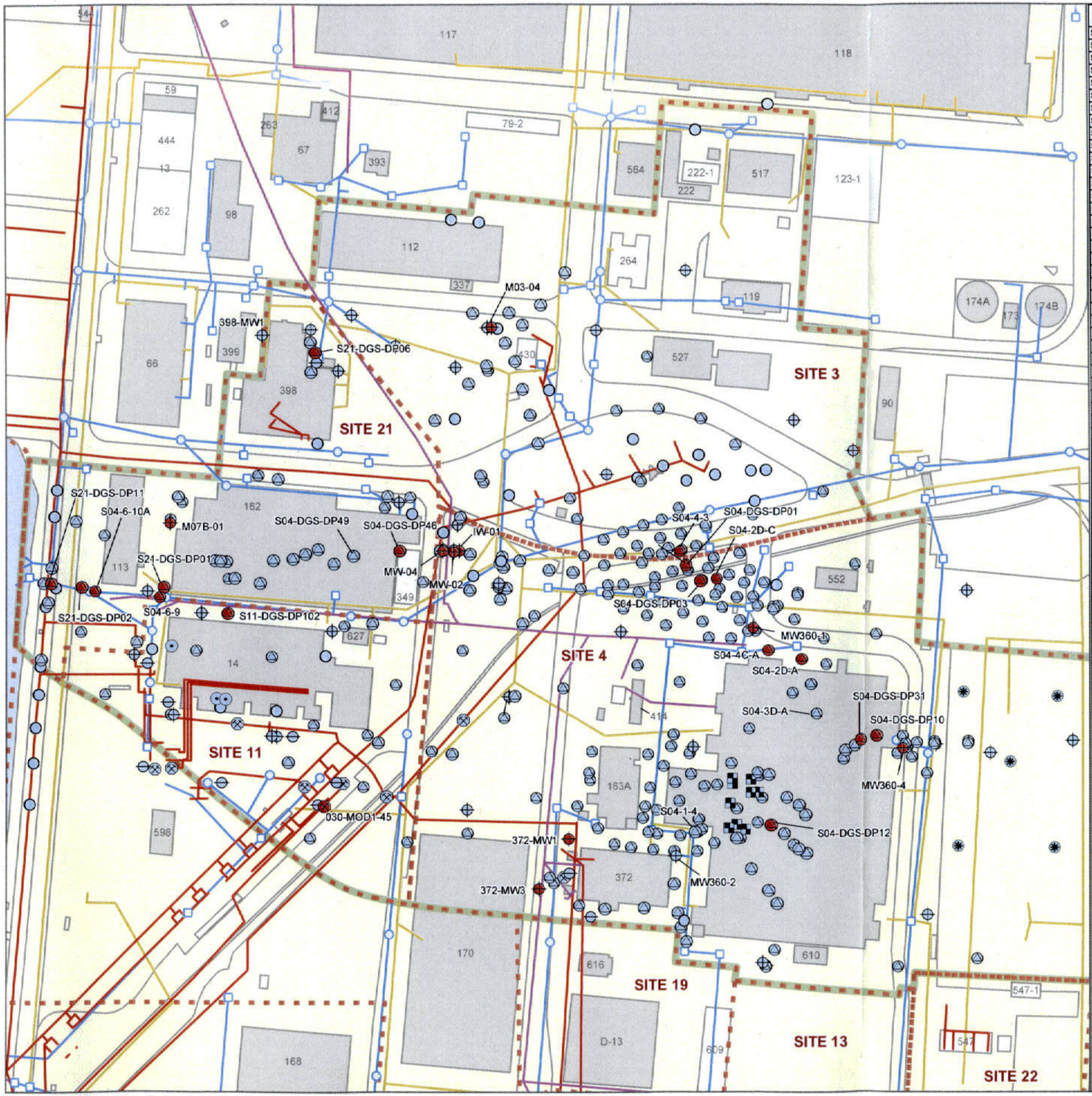

Sample Location	Sampling Date	Sample Depth (feet)	Concentration[1] (ug/L)	Qualifier
S04-1-4	1/29/98	30 - 35	0.5	U
S04-1-4	1/30/98	40 - 45	0.5	U
S04-1-4	1/30/98	45 - 50	0.5	U
S04-1-4	2/11/98	55 - 60	0.5	U
S04-2D-A	4/7/97	5.5 -	**1.1**	
S04-2D-A	4/7/97	9 -	0.5	U
S04-2D-C	4/8/97	7.5 -	0.5	U
S04-2D-C	4/8/97	9.5 -	0.5	U
S04-2D-C	4/8/97	15 -	**0.99**	
S04-3D-A	4/9/97	8 -	0.56	
S04-4-3	1/26/98	5.5 - 7.5	0.5	U
S04-4-3	1/26/98	9.5 - 11.5	0.5	U
S04-4-3	1/26/98	11.5 - 13.5	**0.9**	
S04-4-3	2/11/98	20 - 25	0.5	U
S04-4-3	1/26/98	30 - 35	0.5	U
S04-4C-A	4/9/97	8.5 -	0.5	U
S04-4C-A	4/9/97	23 -	**1.4**	
S04-6-10A	4/3/98	11.5 - 13.5	0.5	U
S04-6-10A	4/3/98	11.5 - 13.5	10	U
S04-6-10A	4/3/98	15.5 - 20	**0.7**	
S04-6-10A	4/3/98	25 - 30	0.5	U
S04-6-10A	4/6/98	40 - 45	0.5	U
S04-6-9	3/27/98	9.5 - 11.5	0.5	U
S04-6-9	3/26/98	11.5 - 13.5	0.5	U
S04-6-9	3/27/98	13.5 - 15.5	0.5	U
S04-6-9	3/23/98	15.5 - 20	**1.5**	
S04-6-9	3/23/98	15.5 - 20	200	U
S04-6-9	3/26/98	25 - 30	0.5	U
S04-6-9	4/1/98	30 - 35	0.5	U
S04-6-9	4/1/98	30 - 35	2	U
S04-DGS-DP01	8/20/01	8 - 10	10	U
S04-DGS-DP01	8/20/01	15 - 17	**2**	
S04-DGS-DP01	8/20/01	20 - 22	1	U
S04-DGS-DP03	7/3/01	13 -	**0.8**	J
S04-DGS-DP10	7/31/01	7 -	1	U
S04-DGS-DP10	7/31/01	12 -	1	U
S04-DGS-DP10	7/31/01	12 -	2	U
S04-DGS-DP10	7/31/01	15 -	1	U
S04-DGS-DP10	7/31/01	25 -	**4.6**	
S04-DGS-DP10	8/30/01	35 - 37	**13**	
S04-DGS-DP10	9/6/01	48 -	50	U
S04-DGS-DP10	9/6/01	60 -	2	U
S04-DGS-DP10	8/31/01	75 - 77	1	U
S04-DGS-DP10	9/20/01	75 - 77	0.5	UJ
S04-DGS-DP12	8/1/01	6 -	**1.8**	
S04-DGS-DP12	8/1/01	10 -	20	U
S04-DGS-DP12	8/1/01	20 -	1	U
S04-DGS-DP12	8/1/01	30 -	1	U
S04-DGS-DP12	8/1/01	40 -	1	U
S04-DGS-DP12	8/1/01	50 -	1	U
S04-DGS-DP31	8/21/01	10 - 12	1	U
S04-DGS-DP31	8/21/01	15 - 17	1	U
S04-DGS-DP31	8/21/01	25 - 27	1	U
S04-DGS-DP31	8/21/01	35 - 37	1	U
S04-DGS-DP31	8/31/01	45 - 47	**1.6**	
S04-DGS-DP31	9/6/01	60 -	2	U
S04-DGS-DP46	10/17/01	12 - 14	2	UJ
S04-DGS-DP46	10/5/01	20 - 22	**1.5**	
S04-DGS-DP46	10/5/01	35 - 37	0.5	U
S04-DGS-DP46	10/5/01	48 - 50	5	U
S04-DGS-DP46	10/5/01	60 - 62	0.5	U
S04-DGS-DP49	10/16/01	12 - 14	2	U
S04-DGS-DP49	10/16/01	20 - 22	0.5	J
S04-DGS-DP49	10/16/01	35 - 37	2	U
S04-DGS-DP49	10/16/01	48 - 50	2	U
S04-DGS-DP49	10/16/01	60 - 62	2	U
S11-DGS-DP102	8/27/01	10 -	1	U
S11-DGS-DP102	8/27/01	25 -	**3.6**	
S11-DGS-DP102	8/27/01	50 -	1	U
S21-DGS-DP01	6/29/01	15 -	**1**	J
S21-DGS-DP02	7/18/01	15 - 17	1	U
S21-DGS-DP02	7/18/01	15 - 17	2	U
S21-DGS-DP02	7/18/01	20 - 22	1	U
S21-DGS-DP02	7/18/01	30 - 32	**14**	
S21-DGS-DP02	7/18/01	40 - 42	1	U
S21-DGS-DP02	7/18/01	50 - 52	1	U
S21-DGS-DP06	7/31/01	5 - 7	**2.6**	
S21-DGS-DP06	7/31/01	10 - 12	1	U
S21-DGS-DP06	8/9/01	15 -	1	U
S21-DGS-DP06	8/9/01	20 -	1	U
S21-DGS-DP11	8/16/01	15 -	1	U
S21-DGS-DP11	8/16/01	20 -	**5.3**	
S21-DGS-DP11	8/16/01	30 -	1	U
S21-DGS-DP11	8/16/01	40 -	1	U
S21-DGS-DP11	8/16/01	50 -	1	U

SAMPLING LOCATION
Red = Exceeds Screening Level[2]
Blue = Below Screening Level

- Direct-Push
- Excavation
- Hand Auger
- Manhole/Storm Drain
- Monitoring Well
- Piezometer
- Soil Boring
- Soil Gas
- Surface Location
- CATCH BASIN
- MANHOLE
- INDUSTRIAL WASTE LINE
- FUEL LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- OPERABLE UNIT 2B BOUNDARY
- CERCLA SITE BOUNDARY

BUILDING
- Present
- Removed
- LAND COVER
- WATER

Notes:
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
J = Estimated
PCE = Tetrachloroethene
U = Non-detected

[1]Concentrations are presented in micrograms per liter (mg/L).
[2]Risk based screening level is 0.66 mg/L (based on 1E-06).

100 0 100 200 Feet

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FIGURE 9-14 (2 OF 2)
OU-2B CONCENTRATIONS OF PCE IN GROUNDWATER

Operable Unit 2B
Remedial Investigation Report

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SAMPLING LOCATION
Red = Exceeds Screening Level[1]
Blue = Below Screening Level

- Direct-Push
- Excavation
- Hand Auger
- Manhole/Storm Drain
- Monitoring Well
- Piezometer
- Soil Boring
- Storm Drain Outlet
- Soil Gas
- Surface Location

TRICHLOROETHENE ISOCONCENTRATION CONTOURS (DASHED WHERE INFERRED)

CERCLA SITE

BUILDING
- Present
- Removed

OPERABLE UNIT 2B

LAND COVER

Notes:
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
E = Compound concentration exceeds the (GC/MS) calibration range.
J = Estimated
ND = Non-detect
TCE = Trichloroethene
U = Not Detected

Concentrations presented are in micrograms per liter (µg/L).

[1]Risk based screening level is 0.028 µg/L (based on 1E-06).

N

50 0 50 100 Feet

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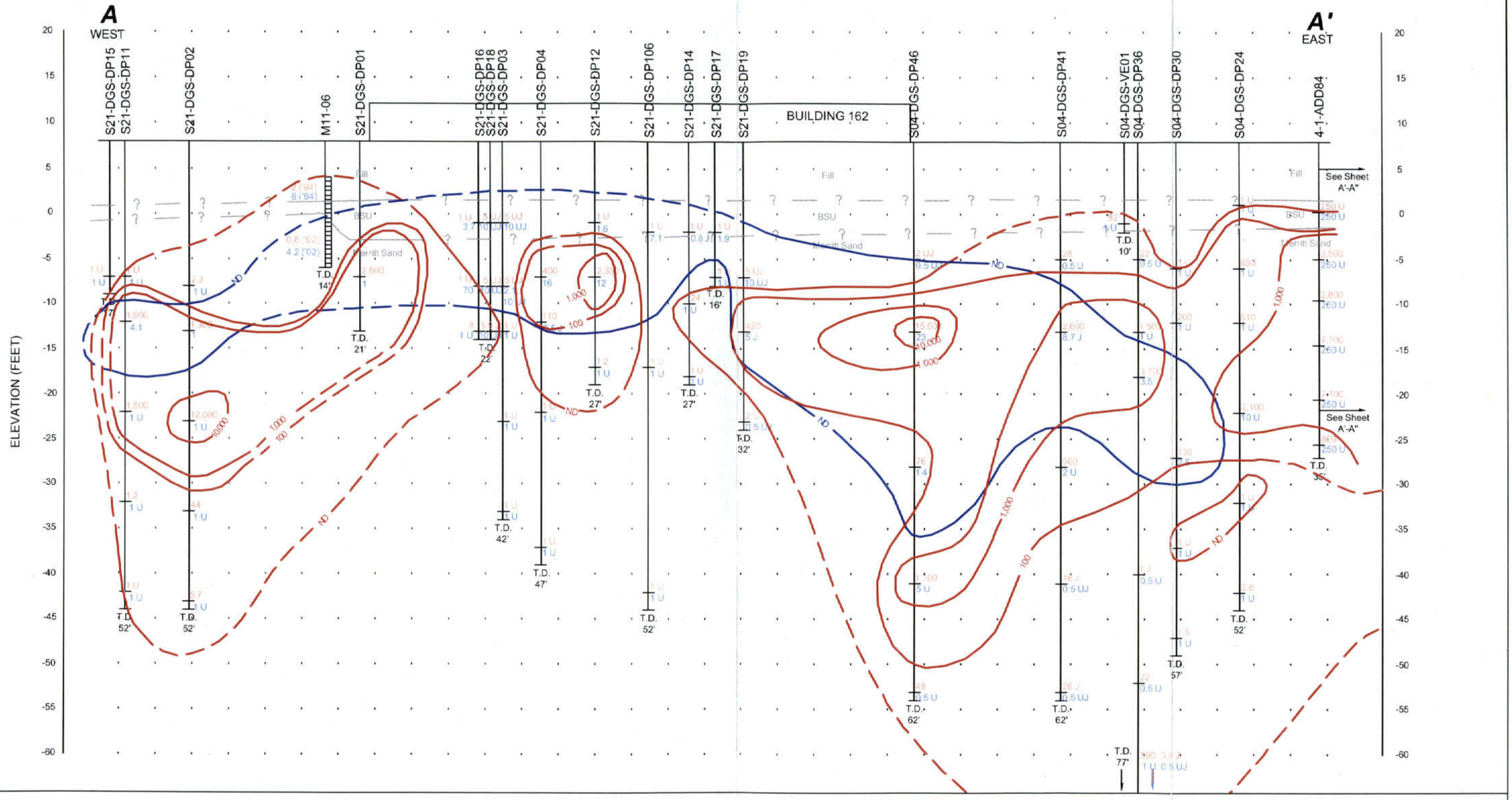
FIGURE 9-15
OU-2B CONCENTRATIONS OF TCE IN GROUNDWATER

Operable Unit 2B
Remedial Investigation Report



LEGEND

GEOLOGIC CONTACT		VINYL CHLORIDE PLUME	
INFERRED GEOLOGIC CONTACT		INFERRED VINYL CHLORIDE PLUME	
TCE PLUME	15,000	TCE CONCENTRATION	
INFERRED TCE PLUME	23	VINYL CHLORIDE CONCENTRATION	

T.D.	TOTAL DEPTH
ND	NON-DETECT

HORIZONTAL SCALE: 1" = 80'

VERTICAL SCALE: 1" = 10'

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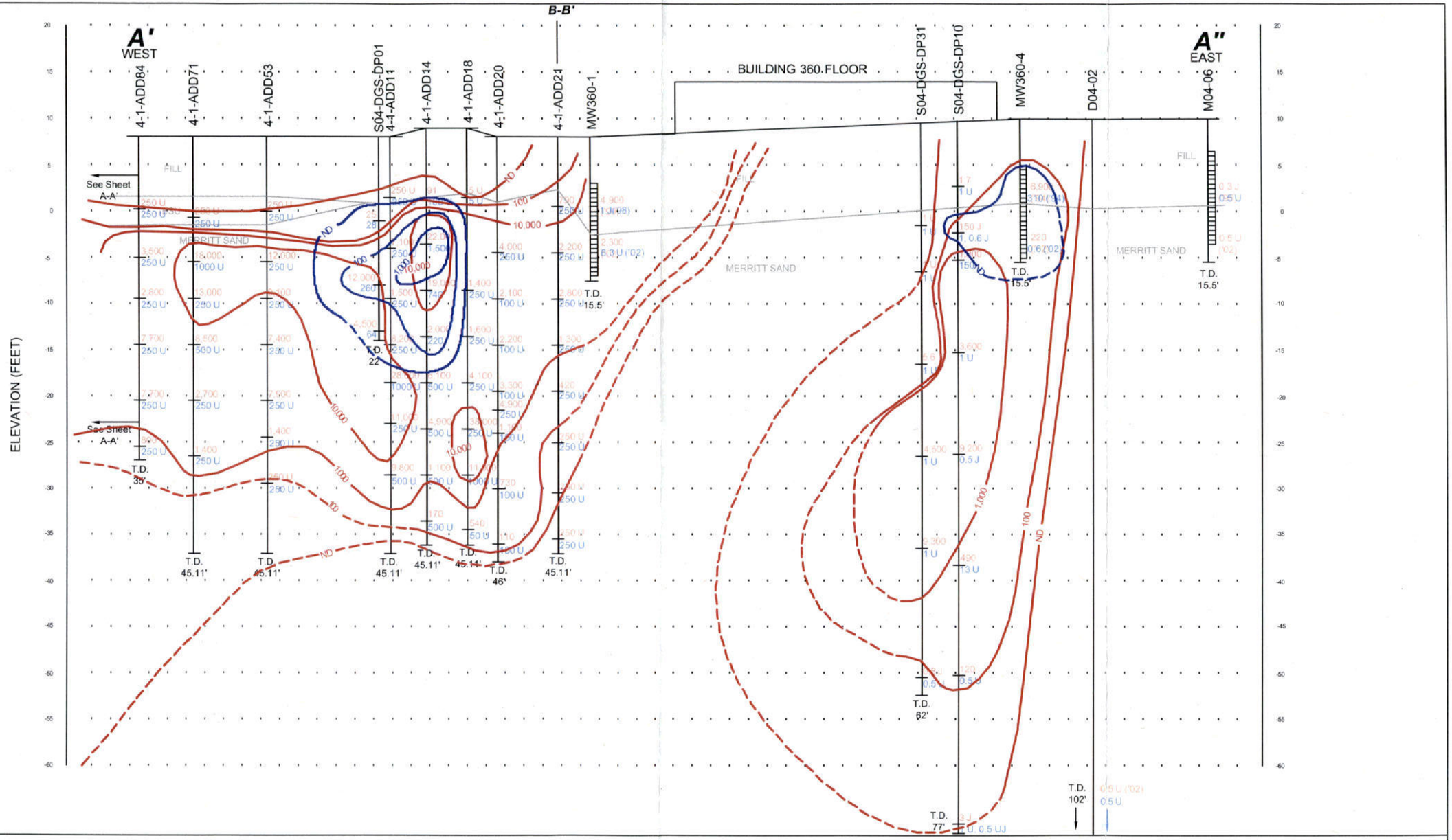
FIGURE 9-16
CROSS-SECTION A-A'
TCE AND VINYL CHLORIDE

Operable Unit 2B
Remedial Investigation Report



LEGEND

- GEOLOGIC CONTACT
- INFERRED GEOLOGIC CONTACT
- TCE PLUME
- INFERRED TCE PLUME
- VINYL CHLORIDE PLUME
- INFERRED VINYL CHLORIDE PLUME
- 38,000 TCE CONCENTRATION
- 1,500 VINYL CHLORIDE CONCENTRATION

T.D. TOTAL DEPTH

ND NON-DETECT

HORIZONTAL SCALE: 1" = 80'

VERTICAL SCALE: 1" = 10'

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FIGURE 9-17
GEOLOGIC CROSS SECTION A'-A"
TCE AND VINYL CHLORIDE

Operable Unit 2B
Remedial Investigation Report

B
NORTH

B'
SOUTH

A'-A"

BUILDING 360 FLOOR

4-1-ADD25
4-1-ADD24
4-1-ADD23
4-1-ADD22
4-1-ADD21
S04-3D-B
S04-DGS-DP11
4-2-ADD16
4-2-ADD15
S04-DGS-DP05
4-2-ADD10
4-2-ADD19
MW360-2
S04-DGS-DP14

FILL
MERRITT SAND

ELEVATION (FEET)

20 15 10 5 0 -5 -10 -15 -20 -25 -30 -35 -40 -45 -50

T.D. 23'
T.D. 40'
T.D. 45'
T.D. 52'
T.D. 37'
T.D. 45.11'
T.D. 18.5'
T.D. 57'

LEGEND

- GEOLOGIC CONTACT
- INFERRED GEOLOGIC CONTACT
- TCE PLUME
- INFERRED TCE PLUME
- VINYL CHLORIDE PLUME
- INFERRED VINYL CHLORIDE PLUME
- 200.000 TCE CONCENTRATION
- 2.600 VINYL CHLORIDE CONCENTRATION

T.D. TOTAL DEPTH
ND NON-DETECT

40' 0 40' 80'
HORIZONTAL SCALE: 1" = 80'

5' 0 5' 10'
VERTICAL SCALE: 1" = 10'

Alameda Point
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 9-18
CROSS SECTION B-B'
TCE AND VINYL CHLORIDE

Operable Unit 2B
Remedial Investigation Report

SAMPLING LOCATION
Red = Exceeds Screening Level[1]
Blue = Below Screening Level

- Direct-Push
- Excavation
- Hand Auger
- Manhole/Storm Drain
- Monitoring Well
- Piezometer
- Soil Boring
- Soil Gas
- Surface Location

1,2-DCE (TOTAL) ISOCONCENTRATION CONTOURS (DASHED WHERE INFERRED)

CERCLA SITE

BUILDING
- Present
- Removed

OPERABLE UNIT 2B

LAND COVER

Note:
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
DCE = Dichloroethene
E = Compound concentration exceeds the (GC/MS) calibration range
J = Estimated
ND = Non-detect
U = Not Detected

Concentrations presented are in micrograms per liter (mg/L).

[1]Risk based screening level is 61 mg/L (based on 1E-06).

50 0 50 100 Feet

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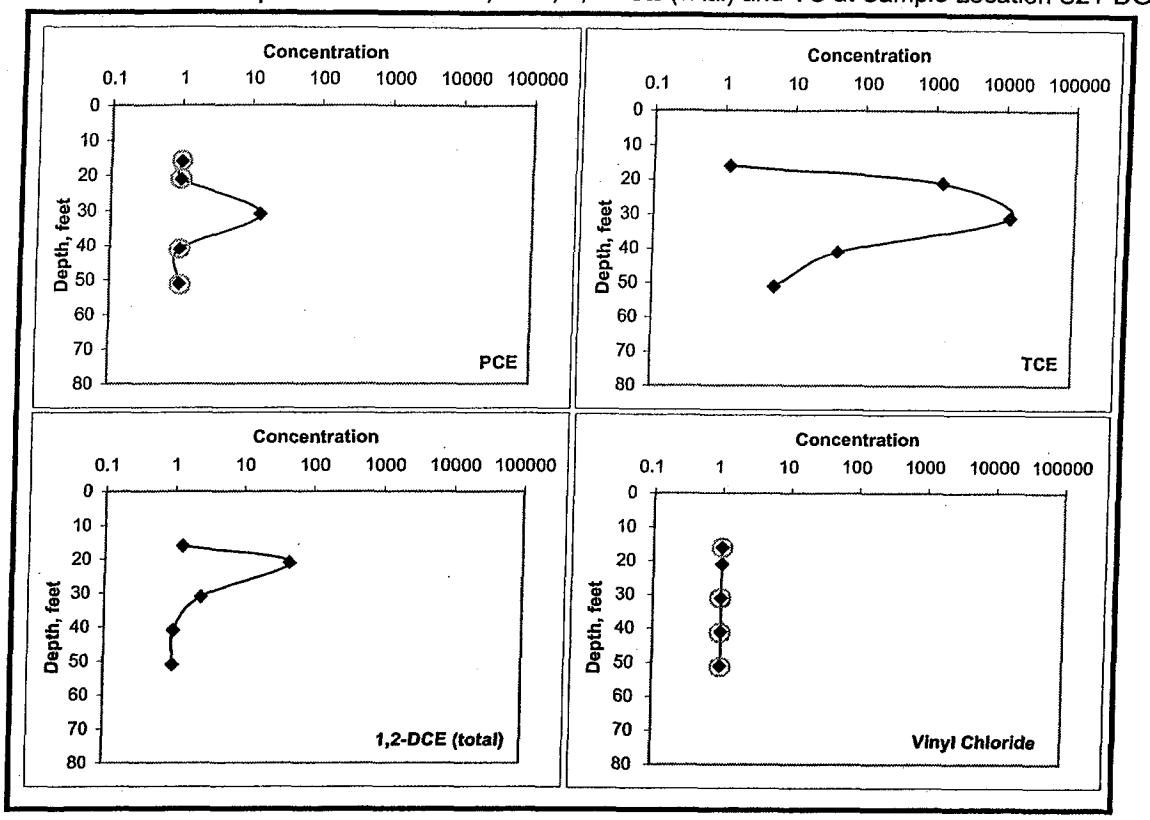
FIGURE 9-19
OU-2B CONCENTRATIONS OF 1,2 DCE (TOTAL) IN GROUNDWATER

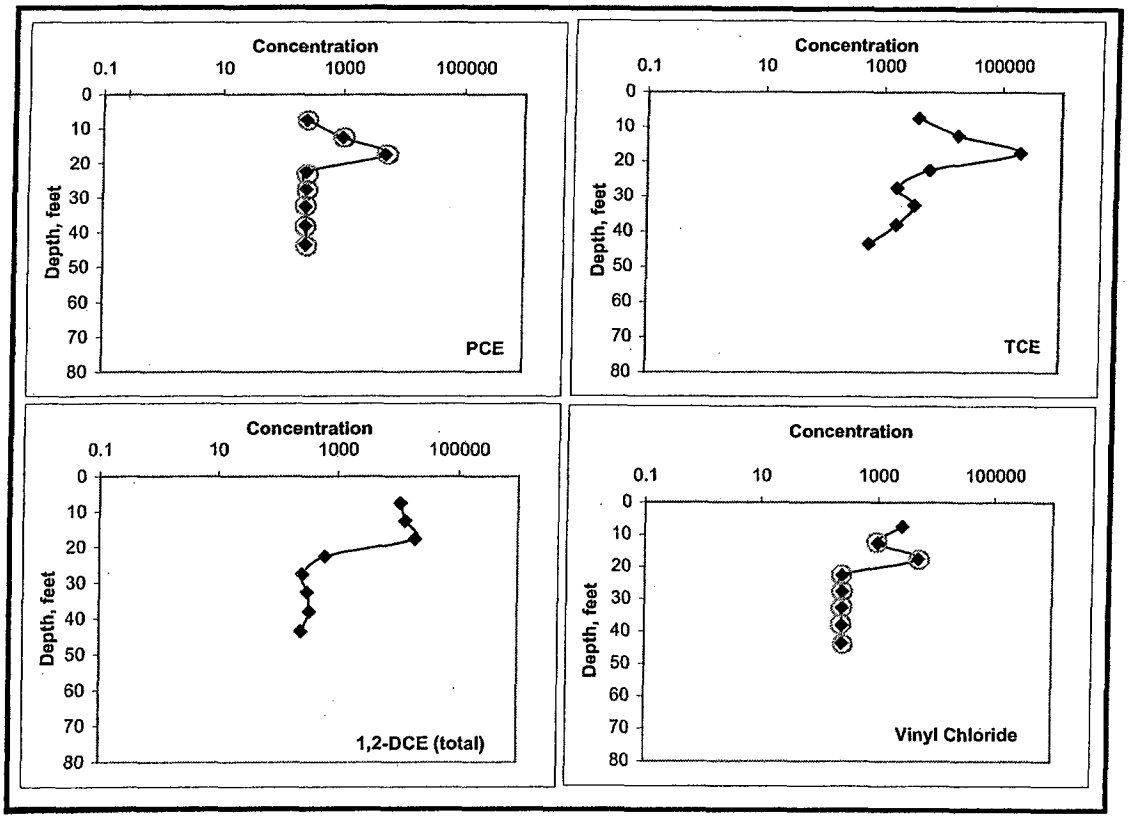
Operable Unit 2B
Remedial Investigation Report

FIGURE 9-20 CONCENTRATION VS. DEPTH PROFILE FOR VARIOS SAMPLE LOCATIONS
Remedial Investigation Report for CERCLA Sites 3, 4, 11, and 21, Alameda Point, Alameda, CA

Concentration vs.Depth Profiles for PCE, TCE, 1,2-DCE (total) and VC at Sample Location S21-DGS-DP02



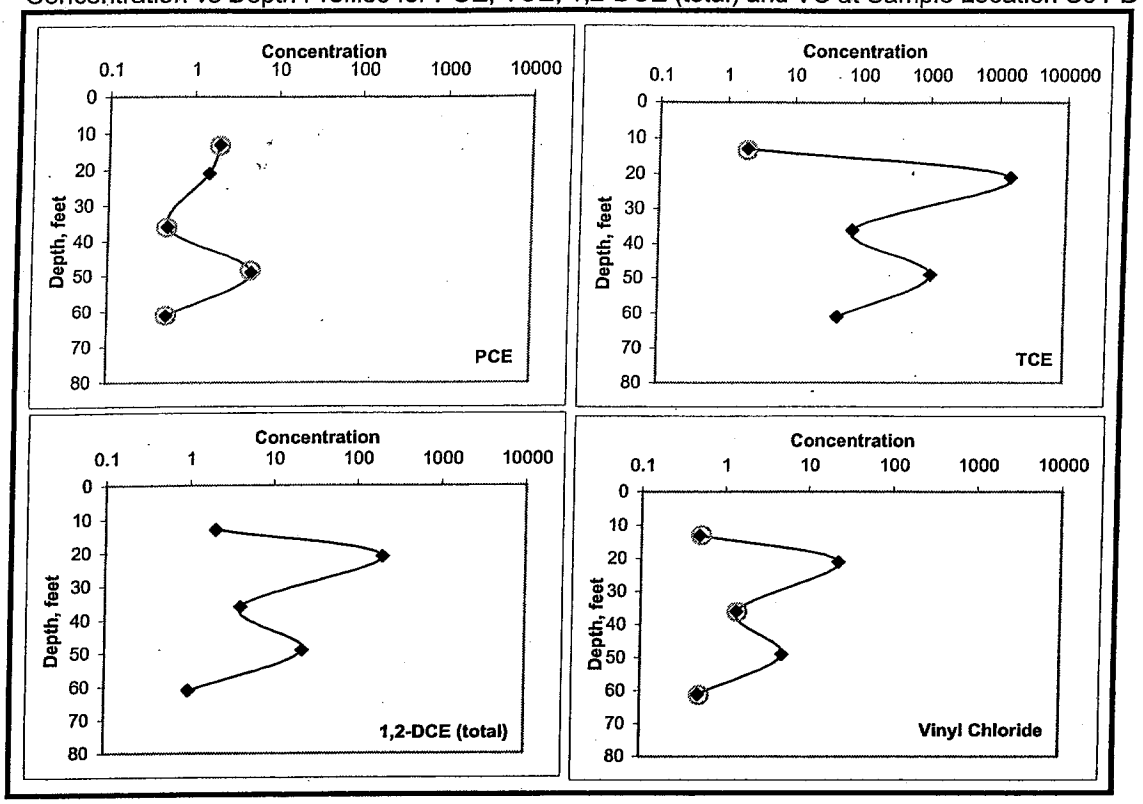
Concentration vs. Depth Profiles for PCE, DCE, 1,1-DCE (total) and VC at Sample Location 4-1-ADD22



note: all concentrations are in micrograms per liter, circled points represent nondetect values.

FIGURE 9-20 CONCENTRATION VS. DEPTH PROFILE FOR VARIOUS SAMPLE LOCATIONS
Remedial Investigation Report for CERCLA Sites 3, 4, 11, and 21, Alameda Point, Alameda, CA

Concentration vs Depth Profiles for PCE, TCE, 1,2-DCE (total) and VC at Sample Location S04-DGS-DP46



note: all concentrations are in micrograms per liter, circled points represent

Sample Location	Sampling Date	Sample Depth (feet)	Concentration[1] (ug/L)	Qualifier
4-2-ADD15	10/3/2001	6 - 9	50	U
4-2-ADD15	10/3/2001	11 - 14	500	U
4-2-ADD15	10/3/2001	16 - 19	**42**	
4-2-ADD15	10/3/2001	21 - 25	**80**	
4-2-ADD15	10/3/2001	27 - 31	500	U
4-2-ADD15	10/11/2001	33 - 37	250	U
4-2-ADD2	11/1/2001	5 - 8	250	U
4-2-ADD2	11/2/2001	25 - 29	**180**	
4-2-ADD2	11/2/2001	31 - 35	1000	U
4-2-ADD2	11/8/2001	40 - 43	250	U
4-2-ADD21	12/10/2001	6 - 9	250	U
4-2-ADD21	12/10/2001	16 - 19	250	U
4-2-ADD21	12/10/2001	21 - 25	250	U
4-2-ADD21	12/10/2001	27 - 31	250	U
4-2-ADD21	12/10/2001	32 - 37	**270**	
4-2-ADD21	12/10/2001	38 - 41	250	U
4-2-ADD21	12/10/2001	42 - 45	250	U
4-2-ADD37	1/7/2002	11 - 15	500	U
4-2-ADD37	1/7/2002	21 - 25	**230**	
4-2-ADD37	1/7/2002	31 - 35	250	U
4-2-ADD37	1/7/2002	41 - 45	250	U
IW-01	9/12/2002	-	**2.3**	
MW-02	9/12/2002	-	**3.1**	
MW-03	9/12/2002	-	**1.2**	
MW-04	9/12/2002	-	**3.9**	
S03-DGS-DP23	8/20/2001	5 - 7	**8**	
S03-DGS-DP23	8/20/2001	10 - 12	1	U
S04-1-3	1/28/1998	20 - 25	**1**	J
S04-2-4	1/23/1998	25 - 30	**3**	
S04-DGS-DP01	8/20/2001	8 - 10	10	U
S04-DGS-DP01	8/20/2001	15 - 17	**1.5**	
S04-DGS-DP01	8/20/2001	20 - 22	1	U
S04-DGS-DP03	7/3/2001	13 -	**4**	
S04-DGS-DP05	8/3/2001	13 -	**53**	
S04-DGS-DP05	8/3/2001	25 -	**120**	
S04-DGS-DP05	8/3/2001	30 -	**23**	
S04-DGS-DP05	8/3/2001	30 -	100	U
S04-DGS-DP05	8/3/2001	35 -	100	U
S04-DGS-DP11	7/31/2001	6 -	1	U
S04-DGS-DP11	7/31/2001	10 -	1	U
S04-DGS-DP11	7/31/2001	20 -	**2.9**	
S04-DGS-DP11	7/31/2001	30 -	1	U
S04-DGS-DP11	7/31/2001	40 -	1	U
S04-DGS-DP11	8/1/2001	50 -	1	U
S04-DGS-DP12	8/1/2001	6 -	**50**	
S04-DGS-DP12	8/1/2001	10 -	**260**	
S04-DGS-DP12	8/1/2001	20 -	**1.8**	
S04-DGS-DP12	8/1/2001	30 -	1	U
S04-DGS-DP12	8/1/2001	40 -	1	U
S04-DGS-DP12	8/1/2001	50 -	**1.9**	
S04-DGS-DP13	8/1/2001	6 -	**14**	
S04-DGS-DP13	8/1/2001	6 -	**16**	
S04-DGS-DP13	8/2/2001	10 -	**140**	
S04-DGS-DP13	8/2/2001	20 -	**80**	
S04-DGS-DP13	8/2/2001	30 -	**20**	
S04-DGS-DP13	8/2/2001	40 -	1	U
S04-DGS-DP13	8/2/2001	50 -	1	U
S04-DGS-DP26	8/14/2001	7 -	**4.2**	
S04-DGS-DP26	8/14/2001	10 -	**21**	
S04-DGS-DP26	8/14/2001	10 -	**26**	
S04-DGS-DP26	8/14/2001	20 -	1	U
S04-DGS-DP26	8/14/2001	30 -	1	U
S04-DGS-DP26	8/15/2001	40 -	1	U
S04-DGS-DP26	8/15/2001	50 -	1	U
S04-DGS-DP27	8/13/2001	7 -	**82**	
S04-DGS-DP27	8/13/2001	10 -	**120**	
S04-DGS-DP27	8/13/2001	20 -	**3.3**	
S04-DGS-DP27	8/14/2001	30 -	1	U
S04-DGS-DP27	8/14/2001	38 -	1	U
S04-DGS-DP27	8/14/2001	50 -	1	U
S04-DGS-DP28	8/13/2001	7 -	**43**	
S04-DGS-DP28	8/13/2001	10 -	**78**	
S04-DGS-DP28	8/13/2001	20 -	20	U
S04-DGS-DP28	8/13/2001	30 -	**1.2**	
S04-DGS-DP28	8/13/2001	40 -	1	U
S04-DGS-DP28	8/13/2001	50 -	1	U
S04-DGS-DP28	8/13/2001	50 -	2	U
S04-DGS-DP29	9/17/2001	8 - 10	0.5	UJ
S04-DGS-DP29	8/15/2001	15 -	1	U
S04-DGS-DP29	8/15/2001	15 -	2	U
S04-DGS-DP29	8/15/2001	25 -	**1.6**	
S04-DGS-DP29	8/16/2001	35 -	1	U
S04-DGS-DP29	8/16/2001	45 -	1	U
S04-DGS-DP38	8/29/2001	5 - 7	3.2	
S04-DGS-DP38	8/29/2001	10 - 12	**65**	

SAMPLING LOCATION
Red = Exceeds Screening Level[2]
Blue = Below Screening Level

- Direct-Push
- Excavation
- Hand Auger
- Manhole/Storm Drain
- Monitoring Well
- Piezometer
- Soil Boring
- Surface Location

- CATCH BASIN
- MANHOLE
- INDUSTRIAL WASTE LINE
- FUEL LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- OPERABLE UNIT 2B BOUNDARY
- CERCLA SITE BOUNDARY

BUILDING
- Present
- Removed
- LAND COVER
- WATER

Notes:
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
J = Estimated
TCA = Trichloroethane
U = Not detected

[1]Concentrations are presented in micrograms per liter (mg/L).
[2]Risk based screening level is 0.2 mg/L units (based on 1E-06).

100 0 100 200 Feet

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FIGURE 9-21 (1 OF 2)
OU-2B CONCENTRATIONS OF 1,1,2-TCA IN GROUNDWATER

Operable Unit 2B
Remedial Investigation Report

03/30/2005 U:\almda_sa\dc030\ou2b_ri\mxd\fig09-21-1_ou2b_gw_112tca.mxd TtEMI-SA T. Munley

Sample Location	Sampling Date	Sample Depth (feet)	Concentration[1] (ug/L)	Qualifier
S04-DGS-DP38	8/29/2001	10 - 12	**81**	
S04-DGS-DP38	8/29/2001	20 - 22	1	U
S04-DGS-DP46	10/17/2001	12 - 14	2	UJ
S04-DGS-DP46	10/5/2001	20 - 22	**3.1**	
S04-DGS-DP46	10/5/2001	35 - 37	0.5	U
S04-DGS-DP46	10/5/2001	48 - 50	5	U
S04-DGS-DP46	10/5/2001	60 - 62	0.5	U
S04-DGS-DP51	11/5/2001	12 - 14	2	U
S04-DGS-DP51	11/5/2001	20 - 22	**0.8**	J
S04-DGS-DP51	11/5/2001	30 - 32	2	U
S11-DGS-DP102	8/27/2001	10 -	1	U
S11-DGS-DP102	8/27/2001	25 -	**1.6**	
S11-DGS-DP102	8/27/2001	50 -	1	U
S21-DGS-DP01	6/29/2001	15 -	**0.4**	J
S21-DGS-DP02	7/18/2001	15 - 17	1	U
S21-DGS-DP02	7/18/2001	15 - 17	2	U
S21-DGS-DP02	7/18/2001	20 - 22	1	U
S21-DGS-DP02	7/18/2001	30 - 32	**4.8**	
S21-DGS-DP02	7/18/2001	40 - 42	1	U
S21-DGS-DP02	7/18/2001	50 - 52	1	U
S21-DGS-DP105	8/28/2001	10 - 12	1	U
S21-DGS-DP105	8/28/2001	25 - 27	**1.4**	
S21-DGS-DP105	8/28/2001	50 - 52	1	U

SAMPLING LOCATION
Red = Exceeds Screening Level[2]
Blue = Below Screening Level

- Direct-Push
- Excavation
- Hand Auger
- Manhole/Storm Drain
- Monitoring Well
- Piezometer
- Soil Boring
- Surface Location

- CATCH BASIN
- MANHOLE
- INDUSTRIAL WASTE LINE
- FUEL LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- OPERABLE UNIT 2B BOUNDARY
- CERCLA SITE BOUNDARY

BUILDING
- Present
- Removed
- LAND COVER
- WATER

Notes:
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
J = Estimated
TCA = Trichloroethane
U = Not detected

[1]Concentrations are presented in micrograms per liter (mg/L).
[2]Risk based screening level is 0.2 mg/L units (based on 1E-06).

100 0 100 200 Feet

N

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FIGURE 9-21 (2 OF 2)
OU-2B CONCENTRATIONS OF 1,1,2-TCA IN GROUNDWATER

Operable Unit 2B
Remedial Investigation Report

04/22/2005 U:\almda_sa\dc030\ou2b_ri\mxd\fig09-21-2_ou2b_gw_112tca.mxd TtEMI-SA T. Munley

SAMPLING LOCATION
Red = Exceeds Screening Level[1]
Blue = Below Screening Level

- Direct-Push
- Excavation
- Hand Auger
- Manhole/Storm Drain
- Monitoring Well
- Piezometer
- Soil Boring
- Soil Gas
- Surface Location

1,1,1-TRICHLOROETHANE ISOCONCENTRATION CONTOURS (DASHED WHERE INFERRED)

CERCLA SITE

BUILDING
- Present
- Removed

OPERABLE UNIT 2B

LAND COVER

Notes:
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
J = Estimated
ND = Non-detect
TCA = Trichloroethane
U = Not Detected

Concentrations presented are in micrograms per liter (mg/L).

[1]Risk based screening level is 3,200 mg/L (based on 1E-06).

N

50 0 50 100 Feet

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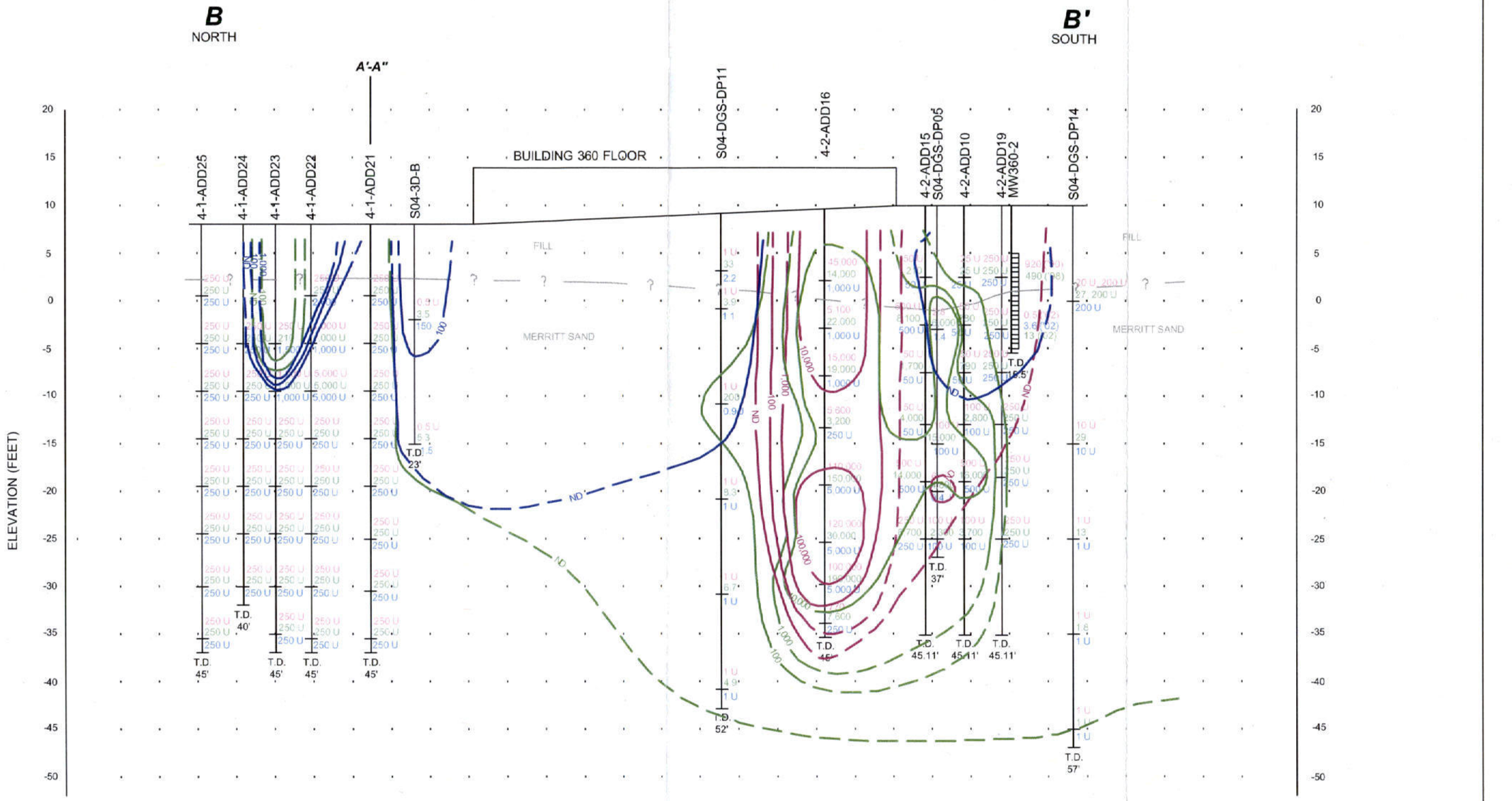
FIGURE 9-22
OU-2B CONCENTRATIONS OF 1,1,1 TCA IN GROUNDWATER

Operable Unit 2B
Remedial Investigation Report



LEGEND

- GEOLOGIC CONTACT
- ? INFERRED GEOLOGIC CONTACT
- 1,1,1-TCA PLUME
- INFERRED 1,1,1-TCA PLUME
- 1,1-DCE PLUME
- INFERRED 1,1-DCE PLUME
- VINYL CHLORIDE PLUME
- INFERRED VINYL CHLORIDE PLUME
- 200,000 1,1,1-TCA CONCENTRATION
- 200,000 1,1-DCE CONCENTRATION
- 2,600 VINYL CHLORIDE CONCENTRATION

T.D. TOTAL DEPTH

ND NON-DETECT

HORIZONTAL SCALE: 1" = 80'

VERTICAL SCALE: 1" = 10'

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FIGURE 9-23
CROSS SECTION B-B'
1,1,1-TCA, 1,1-DCE, AND VINYL CHLORIDE

Operable Unit 2B
Remedial Investigation Report

SAMPLING LOCATION
Red = Exceeds Screening Level[1]
Blue = Below Screening Level

- Direct-Push
- Excavation
- Hand Auger
- Manhole/Storm Drain
- Monitoring Well
- Piezometer
- Soil Boring
- Soil Gas
- Surface Location

1,1-DICHLOROETHENE ISOCONCENTRATION CONTOURS (DASHED WHERE INFERRED)

CERCLA SITE

BUILDING
- Present
- Removed

OPERABLE UNIT 2B

LAND COVER

Notes:
B= Compound detected in an associate blank as well as the sample
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
DCE = Dichloroethene
J = Estimated
ND = Non-detect
U = Not Detected

Concentrations presented are in micrograms per liter (mg/L).

[1]Risk based screening level is 340 mg/L (based on 1E-06).

50 0 50 100 Feet

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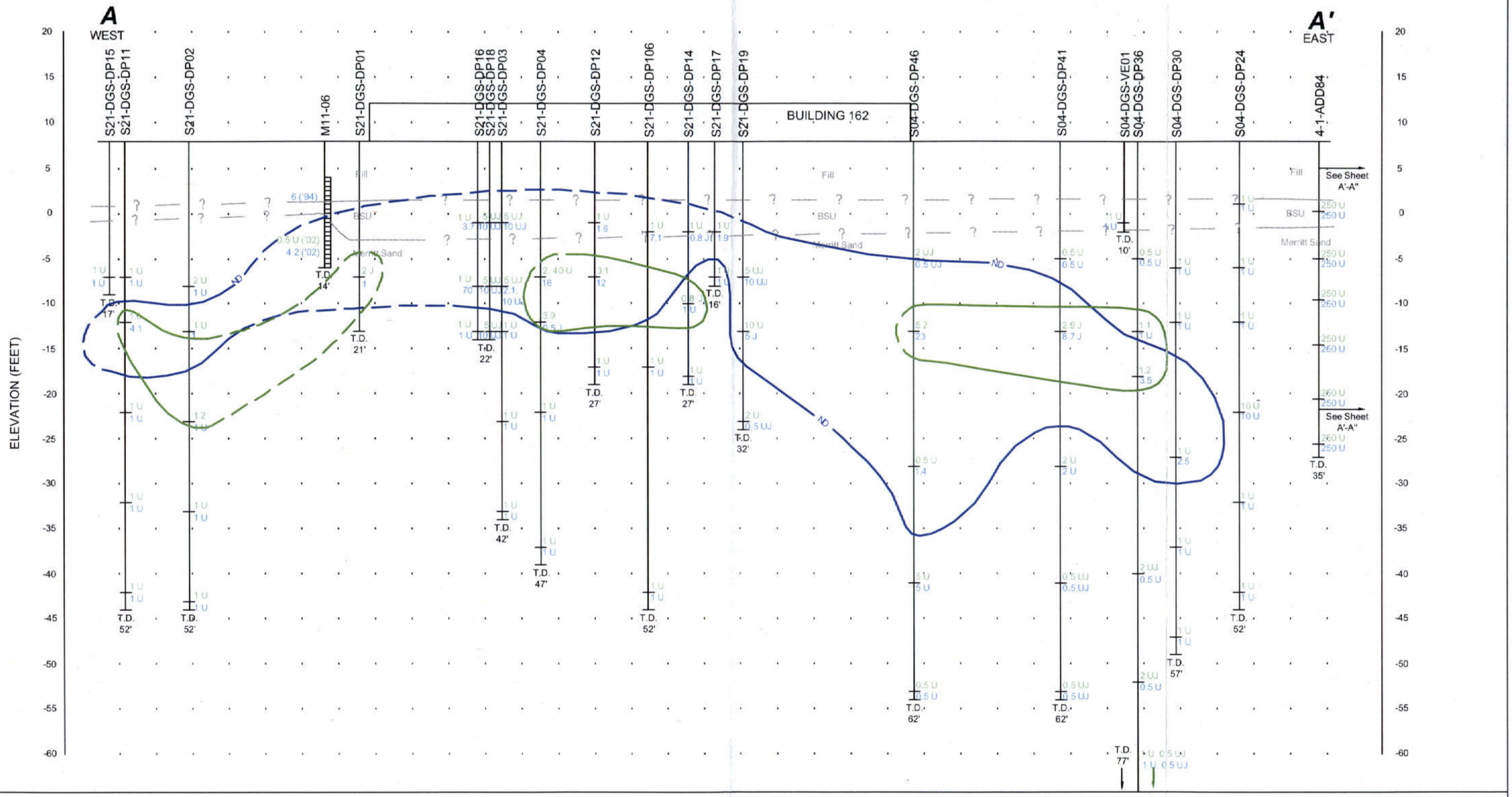
FIGURE 9-24
OU-2B CONCENTRATIONS OF 1,1 DCE IN GROUNDWATER

Operable Unit 2B
Remedial Investigation Report



LEGEND

- GEOLOGIC CONTACT
- INFERRED GEOLOGIC CONTACT
- 1,1-DCE PLUME
- INFERRED 1,1-DCE PLUME
- VINYL CHLORIDE PLUME
- INFERRED VINYL CHLORIDE PLUME
- 5.2 — 1,1-DCE CONCENTRATION
- 23 — VINYL CHLORIDE CONCENTRATION

T.D. TOTAL DEPTH

ND NON-DETECT

HORIZONTAL SCALE: 1" = 80'

VERTICAL SCALE: 1" = 10'

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FIGURE 9-25
CROSS-SECTION A-A'
1,1-DCE AND VINYL CHLORIDE

Operable Unit 2B
Remedial Investigation Report

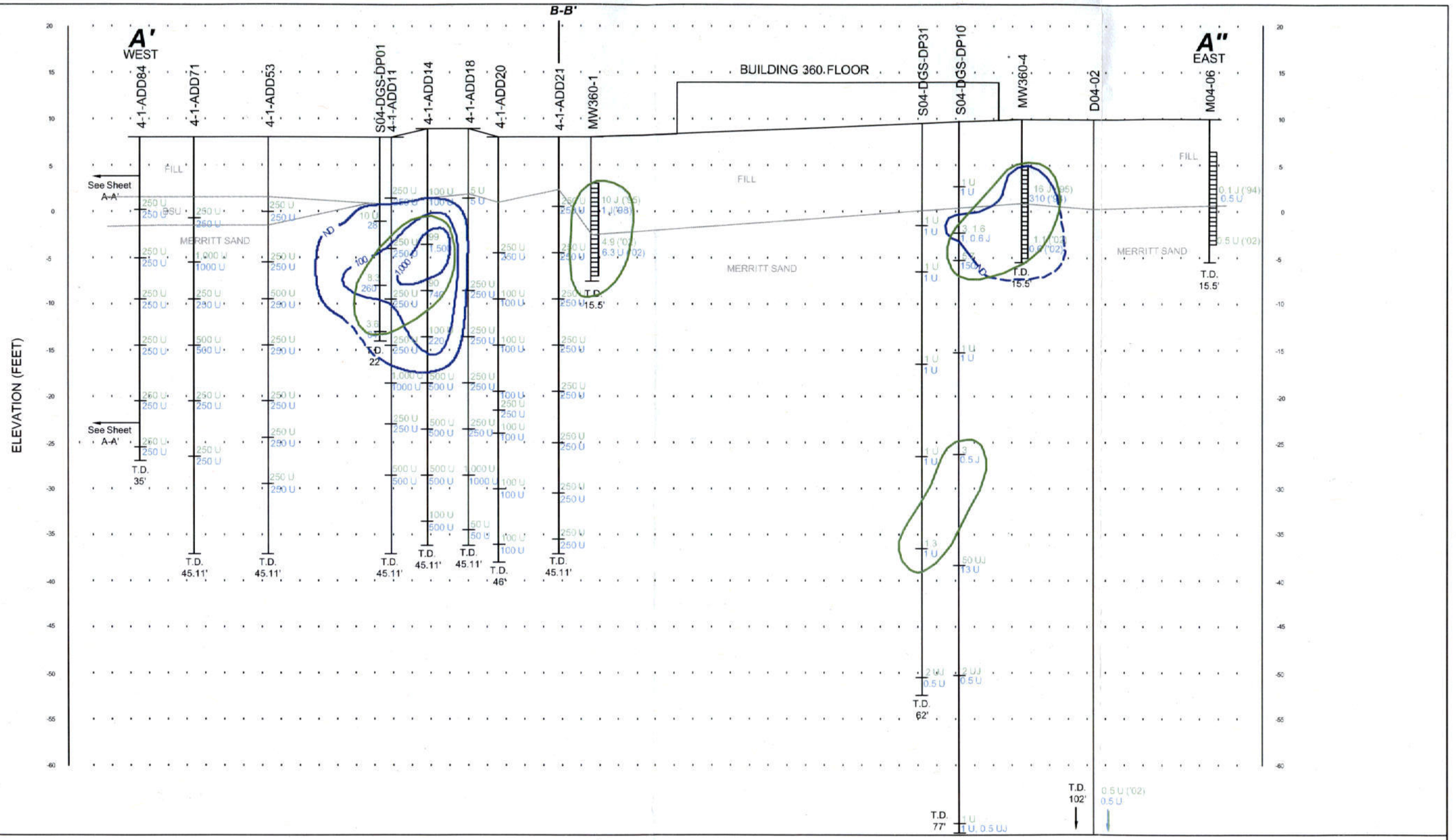

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FIGURE 9-26
GEOLOGIC CROSS SECTION A'-A"
1,1-DCE AND VINYL CHLORIDE

Operable Unit 2B
Remedial Investigation Report

SAMPLING LOCATION
Red = Exceeds Screening Level[1]
Blue = Below Screening Level

- Direct-Push
- Excavation
- Hand Auger
- Manhole/Storm Drain
- Monitoring Well
- Piezometer
- Soil Boring
- Soil Gas
- Surface Location

VINYL CHLORIDE ISOCONCENTRATION CONTOURS (DASHED WHERE INFERRED)

CERCLA SITE

BUILDING
- Present
- Removed

OPERABLE UNIT 2B

LAND COVER

Notes:
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
J = Estimated
ND = Non-detect
U = Not Detected

Concentrations presented are in micrograms per liter (mg/L).

[1]Risk based screening level is 0.02 mg/L (based on 1E-06).

N

50 0 50 100 Feet

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FIGURE 9-27
OU-2B CONCENTRATIONS OF VINYL CHLORIDE IN GROUNDWATER

Operable Unit 2B
Remedial Investigation Report

SITE 6

SITE 3

SITE 21

SITE 17

SITE 11

SITE 4

SITE 19

SITE 22

SITE 13

SILO AIR CLEANERS

ELECTRICAL LINE TRANSFORMERS

SAMPLING LOCATION
Red = Exceeds Screening Level[1]
Blue = Below Screening Level

- Direct-Push
- Excavation
- Hand Auger
- Manhole/Storm Drain
- Monitoring Well
- Piezometer
- Soil Boring
- Soil Gas
- Surface Location
- UNDERGROUND STORAGE TANK
- BENZENE ISOCONCENTRATION CONTOURS (DASHED WHERE INFERRED)
- CERCLA SITE

BUILDING
- Present
- Removed
- OPERABLE UNIT 2B
- LAND COVER

Notes:
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
D = Compound identified in an analysis at a secondary dilution factor
J = Estimated
ND = Non-detect
U = Not Detected

Concentrations presented are in micrograms per liter (mg/L).

[1]Risk based screening level is 0.34 mg/L (based on 1E-06).

N

50 0 50 100 Feet

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FIGURE 9-28
OU-2B CONCENTRATIONS OF BENZENE IN GROUNDWATER

Operable Unit 2B
Remedial Investigation Report

Sample Location	Samling Date	Sample Depth (feet)	Concentration[1] (ug/L)	Qualifier
IW-01	9/12/02	-	**2.3**	
MW-02	9/12/02	-	**4.7**	
MW-04	9/12/02	-	**6.4**	
MW360-1	11/7/97	5 - 15	**38**	J
MW360-1	2/9/98	5 - 15	**73**	
MW360-1	5/6/98	5 - 15	250	U
MW360-1	8/4/98	5 - 15	**41**	J
MW360-1	7/9/01	5 - 15	**34**	
MW360-1	7/9/01	5 - 15	**36**	
MW360-1	7/9/01	5 - 15	**38**	
MW360-1	7/9/01	5 - 15	**39**	
MW360-1	7/9/01	5 - 15	**41**	
MW360-1	7/10/01	5 - 15	**30**	
MW360-1	6/19/02	5 - 15	**41**	
MW360-1	9/9/02	5 - 15	**43**	
MW360-1	12/10/02	5 - 15	**48**	
MW360-2	11/6/97	5 - 15	1	U
MW360-2	2/9/98	5 - 15	5	U
MW360-2	5/6/98	5 - 15	1	U
MW360-2	8/4/98	5 - 15	1	U
MW360-2	7/10/01	5 - 15	0.3	J
MW360-2	7/10/01	5 - 15	0.4	J
MW360-2	7/10/01	5 - 15	1	U
MW360-2	7/16/01	5 - 15	**0.5**	J
MW360-2	6/19/02	5 - 15	1	U
MW360-2	9/9/02	5 - 15	**0.6**	
MW360-2	12/9/02	5 - 15	**0.6**	
MW360-4	11/6/97	5 - 15	**3**	
MW360-4	2/9/98	5 - 15	**3**	
MW360-4	5/6/98	5 - 15	**2**	
MW360-4	8/5/98	5 - 15	**2**	
MW360-4	6/27/01	5 - 15	0.4	J
MW360-4	6/27/01	5 - 15	**0.5**	J
MW360-4	6/27/01	5 - 15	**2**	
MW360-4	6/27/01	5 - 15	**2**	J
MW360-4	6/27/01	5 - 15	**4**	
MW360-4	6/29/01	5 - 15	**2**	J
MW360-4	6/19/02	5 - 15	**1.8**	
MW360-4	9/9/02	5 - 15	**1.5**	
MW360-4	12/10/02	5 - 15	**1.3**	
S04-DGS-DP01	8/20/01	8 - 10	10	U
S04-DGS-DP01	8/20/01	15 - 17	1	U
S04-DGS-DP01	8/20/01	20 - 22	**12**	
S04-DGS-DP03	7/3/01	13 -	**1**	J
S04-DGS-DP10	7/31/01	7 -	1	U
S04-DGS-DP10	7/31/01	12 -	1	U
S04-DGS-DP10	7/31/01	12 -	2	U
S04-DGS-DP10	7/31/01	15 -	1	U
S04-DGS-DP10	7/31/01	25 -	**10**	
S04-DGS-DP10	8/30/01	35 - 37	**1.6**	
S04-DGS-DP10	9/6/01	48 -	50	U
S04-DGS-DP10	9/6/01	60 -	**0.5**	J
S04-DGS-DP10	8/31/01	75 - 77	1	U
S04-DGS-DP10	9/20/01	75 - 77	0.5	UJ
S04-DGS-DP46	10/17/01	12 - 14	2	UJ
S04-DGS-DP46	10/5/01	20 - 22	**3.2**	
S04-DGS-DP46	10/5/01	35 - 37	0.5	U
S04-DGS-DP46	10/5/01	48 - 50	5	U
S04-DGS-DP46	10/5/01	60 - 62	0.5	U

SAMPLING LOCATION
Red = Exceeds Screening Level[2]
Blue = Below Screening Level

- Direct-Push
- Excavation
- Hand Auger
- Manhole/Storm Drain
- Monitoring Well
- Piezometer
- Soil Boring
- Surface Location
- CATCH BASIN
- MANHOLE
- OIL-WATER SEPARATOR (OWS)
- INDUSTRIAL WASTE LINE
- FUEL LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- OPERABLE UNIT 2B BOUNDARY
- CERCLA SITE BOUNDARY

BUILDING
- Present
- Removed
- LAND COVER
- WATER

Notes:
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
J = Estimated
U = Not detected

[1]Concentrations are presented in micrograms per liter (mg/L).
[2]Risk based screening level is 0.5 mg/L (based on 1E-06).

100 0 100 200 Feet

N

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FIGURE 9-29
OU-2B CONCENTRATIONS OF 1,4-DICHLOROBENZENE IN GROUNDWATER

Operable Unit 2B
Remedial Investigation Report

03/30/2005 U:\almda_sakdo030\ou2b_rim\mxd\fig09-29_ou2b_gw_14dcb.mxd TtEMI-SA T. Munley

SITE 3

SITE 4

SITE 21

SITE 3

SITE 17

SITE 11

SITE 4

SITE 19

SITE 22

SITE 13

SILO AIR CLEANERS

ELECTRICAL LINE TRANSFORMERS

SAMPLING LOCATION

- 1,1-Dichloroethane non-detected in groundwater
- 1,1-Dichloroethane detected in groundwater

SAMPLING LOCATION

- Direct-Push
- Excavation
- Geoprobe
- Hand Auger
- Hydropunch
- Manhole/Storm Drain
- Monitoring Well
- Piezometer
- Soil Boring
- Storm Drain Outlet
- Surface Location
- Vacuum Extraction

- 1,1-DICHLOROETHANE PLUME (DASHED WHERE INFERRED)
- FUEL LINE
- INDUSTRIAL WASTE LINE
- SANITARY SEWER LINE
- STORM SEWER LINE

CERCLA SITE

BUILDING

- Present
- Removed

OPERABLE UNIT 2B

LAND COVER

Note:
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
J = Estimated
ND = Non-detect
U = Not Detected

Concentrations presented are in micrograms per liter (ug/L).

50 0 50 100 Feet

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FIGURE 9-30
OU-2B GROUNDWATER SAMPLING LOCATIONS FOR 1,1 DICHLOROETHANE

Operable Unit 2B
Remedial Investigation Report

Sample Location	Sampling Date	Sample Depth (feet)	Concentration[1] (ug/L)	Qualifier
398-5-MOJ	9/2/97	0 - 0	**0.65**	
398-7-ERM	1/11/95	0 - 0	0.6	
398-A19	5/1/00	5 - 15	0.9	J
4-1-ADD15	10/10/01	11 - 14	250	U
4-1-ADD15	10/10/01	16 - 19	**800**	
4-1-ADD15	10/10/01	21 - 24	250	U
4-1-ADD15	10/10/01	26 - 29	250	U
4-1-ADD15	10/10/01	31 - 34	250	U
4-1-ADD15	10/10/01	36 - 40	250	U
4-1-ADD15	10/10/01	42 - 45	250	U
4-1-ADD23	10/9/01	11 - 14	**620**	
4-1-ADD23	10/9/01	16 - 19	1000	U
4-1-ADD23	10/9/01	21 - 24	250	U
4-1-ADD23	10/9/01	26 - 29	250	U
4-1-ADD23	10/9/01	31 - 34	250	U
4-1-ADD23	10/9/01	36 - 40	250	U
4-1-ADD23	10/9/01	41 - 45	250	U
4-2-ADD15	10/3/01	6 - 9	50	U
4-2-ADD15	10/3/01	11 - 14	500	U
4-2-ADD15	10/3/01	16 - 19	**47**	
4-2-ADD15	10/3/01	21 - 25	**150**	
4-2-ADD15	10/3/01	27 - 31	**430**	
4-2-ADD15	10/11/01	33 - 37	250	U
4-2-ADD2	11/1/01	5 - 8	250	U
4-2-ADD2	11/2/01	25 - 29	**240**	
4-2-ADD2	11/2/01	31 - 35	1000	U
4-2-ADD2	11/8/01	40 - 43	250	U
4-2-ADD34	1/10/02	6 - 9	**360**	
4-2-ADD34	1/10/02	16 - 19	250	U
4-2-ADD34	1/10/02	21 - 25	250	U
4-2-ADD34	1/10/02	27 - 31	250	U
4-2-ADD34	1/10/02	33 - 37	250	U
4-2-ADD34	1/10/02	38 - 41	250	U
4-2-ADD34	1/10/02	42 - 45	250	U
4-2-ADD37	1/7/02	11 - 15	500	U
4-2-ADD37	1/7/02	21 - 25	**340**	
4-2-ADD37	1/7/02	31 - 35	250	U
4-2-ADD37	1/7/02	41 - 45	250	U
IW-01	9/12/02	-	**7.2**	
M11-06	11/29/94	4 - 14	2	UJ
M11-06	2/16/95	4 - 14	0.5	U
M11-06	6/19/95	4 - 14	0.5	U
M11-06	8/29/95	4 - 14	0.5	U
M11-06	11/5/97	4 - 14	0.5	U
M11-06	2/6/98	4 - 14	0.5	U
M11-06	5/12/98	4 - 14	0.5	U
M11-06	8/7/98	4 - 14	0.5	UJ
M11-06	7/3/01	4 - 14	0.5	U
M11-06	6/20/02	4 - 14	**0.2**	J
M11-06	9/9/02	4 - 14	**0.2**	J
M11-06	12/9/02	4 - 14	**0.2**	
MW-01	9/12/02	-	**1.9**	
MW-02	9/12/02	-	**12**	
MW-04	9/12/02	-	**13**	
MW360-2	7/11/90	5 - 15	100	U
MW360-2	7/5/94	5 - 15	12	U
MW360-2	9/27/94	5 - 15	8	U
MW360-2	1/24/95	5 - 15	25	U
MW360-2	4/24/95	5 - 15	12	U
MW360-2	11/6/97	5 - 15	0.5	U
MW360-2	2/9/98	5 - 15	2	U
MW360-2	5/6/98	5 - 15	0.5	U
MW360-2	8/4/98	5 - 15	0.5	U
MW360-2	7/10/01	5 - 15	0.5	U
MW360-2	7/10/01	5 - 15	1	U
MW360-2	7/16/01	5 - 15	0.5	U
MW360-2	6/19/02	5 - 15	1	U
MW360-2	9/9/02	5 - 15	**0.2**	J
MW360-2	12/9/02	5 - 15	0.5	U
S03-DGS-DP20	8/9/01	5 -	1	U
S03-DGS-DP20	8/17/01	10 - 12	**11**	
S03-DGS-DP21	8/17/01	5 - 7	**1.8**	
S03-DGS-DP21	8/17/01	10 - 12	1	U
S03-DGS-DP23	8/20/01	5 - 7	**18**	
S03-DGS-DP23	8/20/01	10 - 12	**1.4**	
S04-1-3	1/28/98	13.5 - 15.5	**1.6**	
S04-1-3	1/28/98	20 - 25	**2.6**	
S04-1-3	1/28/98	20 - 25	**3**	
S04-1-3	1/28/98	25 - 30	0.5	U
S04-1-4	2/16/98	9.5 - 11.5	0.5	U
S04-1-4	2/16/98	11.5 - 13.5	**4.6**	
S04-1-4	2/16/98	13.5 - 15.5	**210**	
S04-1-4	1/29/98	20 - 25	**610**	
S04-1-4	1/29/98	25 - 30	**1100**	
S04-1-4	1/29/98	30 - 35	**64**	
S04-1-4	1/30/98	40 - 45	**40**	

SAMPLING LOCATION
Red = Exceeds Screening Level[2]
Blue = Below Screening Level

- Direct-Push
- Excavation
- Hand Auger
- Manhole/Storm Drain
- Monitoring Well
- Piezometer
- Soil Boring
- Soil Gas
- Surface Location
- CATCH BASIN
- MANHOLE
- INDUSTRIAL WASTE LINE
- FUEL LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- OPERABLE UNIT 2B BOUNDARY
- CERCLA SITE BOUNDARY

BUILDING
- Present
- Removed
- LAND COVER
- WATER

Notes:
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
DCA = Dichloroethane
J = Estimated
U = Not detected

[1]Concentrations are presented in micrograms per liter (mg/L)
[2]Risk based screening level is 0.12 mg/L (based on 1E-06).

100 0 100 200 Feet

N

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Alameda Point
Department of the Navy,BRAC PMO West, San Diego, California

FIGURE 9-31 (1 OF 3)
OU-2B CONCENTRATIONS OF 1,2-DCA IN GROUNDWATER

Operable Unit 2B
Remedial Investigation Report

04/27/2005 U:\almda_sa\do030\ou2b_ri\mxd\fig09-31-1_ou2b_gw_12dca.mxd TtEMI-SA T. Munley

Sample Location	Sampling Date	Sample Depth (feet)	Concentration[1] (ug/L)	Qualifier
S04-1-4	1/30/98	45 - 50	**24**	
S04-1-4	2/11/98	55 - 60	0.5	U
S04-2-4	1/23/98	15.5 - 20	0.5	U
S04-2-4	1/23/98	20 - 25	**5.4**	
S04-2-4	1/23/98	25 - 30	**2.8**	
S04-2-4	1/23/98	25 - 30	**5**	
S04-2-4	1/23/98	30 - 35	**6.7**	
S04-2-4	1/26/98	40 - 45	0.5	U
S04-2-5	3/2/98	11.5 - 13.5	0.5	U
S04-2-5	3/2/98	15.5 - 20	0.5	U
S04-2-5	1/29/98	20 - 25	**1.2**	
S04-2-5	1/29/98	25 - 30	**1.6**	
S04-2-5	1/29/98	30 - 35	**2.6**	
S04-2-5	2/2/98	40 - 45	0.5	U
S04-2-6	3/3/98	11.5 - 13.5	**0.56**	
S04-2-6	3/3/98	13.5 - 15.5	0.5	U
S04-2-6	3/3/98	15.5 - 20	0.5	U
S04-2-6	1/30/98	20 - 25	0.5	U
S04-2-6	1/30/98	25 - 30	0.5	U
S04-2-6	1/30/98	30 - 35	0.5	U
S04-2D-C	4/8/97	7.5 -	0.5	U
S04-2D-C	4/8/97	9.5 -	0.5	U
S04-2D-C	4/8/97	15 -	**11**	
S04-3C-A	4/8/97	9 -	0.5	U
S04-3C-A	4/8/97	15 -	**0.96**	
S04-4-3	1/26/98	5.5 - 7.5	**0.9**	
S04-4-3	1/26/98	9.5 - 11.5	**2.4**	
S04-4-3	1/26/98	11.5 - 13.5	**17**	
S04-4-3	2/11/98	20 - 25	**14**	
S04-4-3	1/26/98	30 - 35	**0.7**	
S04-5-3	1/27/98	9.5 - 11.5	0.5	U
S04-5-3	1/27/98	11.5 - 13.5	0.5	U
S04-5-3	1/27/98	15.5 - 20	**1.8**	
S04-5-3	1/27/98	15.5 - 20	**2**	
S04-5-3	1/28/98	20 - 25	0.5	U
S04-5-3	1/28/98	25 - 30	0.5	U
S04-5-3	1/28/98	30 - 35	0.5	U
S04-5-3	1/28/98	40 - 45	0.5	U
S04-5-6	3/11/98	11.5 - 13.5	**1.4**	
S04-5-6	3/11/98	15.5 - 20	0.5	U
S04-5C-A	4/7/97	11 -	0.5	U
S04-5C-A	4/8/97	15 -	**0.54**	
S04-DGS-DP01	8/20/01	8 - 10	10	U
S04-DGS-DP01	8/20/01	15 - 17	**15**	
S04-DGS-DP01	8/20/01	20 - 22	**7**	
S04-DGS-DP03	7/3/01	13 -	**1**	
S04-DGS-DP05	8/3/01	13 -	**37**	
S04-DGS-DP05	8/3/01	25 -	**160**	
S04-DGS-DP05	8/3/01	30 -	**29**	
S04-DGS-DP05	8/3/01	30 -	100	U
S04-DGS-DP05	8/3/01	35 -	100	U
S04-DGS-DP11	7/31/01	6 -	**3.1**	
S04-DGS-DP11	7/31/01	10 -	1	U
S04-DGS-DP11	7/31/01	20 -	**6.9**	
S04-DGS-DP11	7/31/01	30 -	**0.7**	J
S04-DGS-DP11	7/31/01	40 -	**0.7**	J
S04-DGS-DP11	8/1/01	50 -	**0.6**	J
S04-DGS-DP12	8/1/01	6 -	**85**	
S04-DGS-DP12	8/1/01	10 -	**350**	
S04-DGS-DP12	8/1/01	20 -	**3.1**	
S04-DGS-DP12	8/1/01	30 -	**1.1**	
S04-DGS-DP12	8/1/01	40 -	1	U
S04-DGS-DP12	8/1/01	50 -	**2.7**	
S04-DGS-DP13	8/1/01	6 -	**20**	
S04-DGS-DP13	8/1/01	6 -	**30**	
S04-DGS-DP13	8/2/01	10 -	**140**	
S04-DGS-DP13	8/2/01	20 -	**92**	
S04-DGS-DP13	8/2/01	30 -	**19**	
S04-DGS-DP13	8/2/01	40 -	1	U
S04-DGS-DP13	8/2/01	50 -	1	U
S04-DGS-DP26	8/14/01	7 -	**9.1**	
S04-DGS-DP26	8/14/01	10 -	**52**	
S04-DGS-DP26	8/14/01	10 -	**78**	
S04-DGS-DP26	8/14/01	20 -	1	U
S04-DGS-DP26	8/14/01	30 -	1	U
S04-DGS-DP26	8/15/01	40 -	1	U
S04-DGS-DP26	8/15/01	50 -	1	U
S04-DGS-DP27	8/13/01	7 -	**190**	
S04-DGS-DP27	8/13/01	10 -	**200**	
S04-DGS-DP27	8/13/01	20 -	**6.8**	
S04-DGS-DP27	8/14/01	30 -	**1**	
S04-DGS-DP27	8/14/01	38 -	1	U
S04-DGS-DP27	8/14/01	50 -	1	U
S04-DGS-DP28	8/13/01	7 -	**58**	
S04-DGS-DP28	8/13/01	10 -	**87**	
S04-DGS-DP28	8/13/01	20 -	20	U

SAMPLING LOCATION
Red = Exceeds Screening Level[2]
Blue = Below Screening Level

- Direct-Push
- Excavation
- Hand Auger
- Manhole/Storm Drain
- Monitoring Well
- Piezometer
- Soil Boring
- Soil Gas
- Surface Location
- CATCH BASIN
- MANHOLE
- INDUSTRIAL WASTE LINE
- FUEL LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- OPERABLE UNIT 2B BOUNDARY
- CERCLA SITE BOUNDARY

BUILDING
- Present
- Removed

- LAND COVER
- WATER

Notes:
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
DCA = Dichloroethane
J = Estimated
U = Not detected

[1]Concentrations are presented in micrograms per liter (mg/L).
[2]Risk based screening level is 0.12 mg/L (based on 1E-06).

100 0 100 200 Feet

N

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Department of the Navy,BRAC PMO West, San Diego, California

FIGURE 9-31 (2 OF 3)
OU-2B CONCENTRATIONS OF 1,2-DCA IN GROUNDWATER

Operable Unit 2B
Remedial Investigation Report

04/27/2005 U:\almda_sa\do030\ou2b_rifmxd\fig09-31-2_ou2b_gw_12dca.mxd TtEMI-SA T. Munley

Sample Location	Sampling Date	Sample Depth (feet)	Concentration[1] (ug/L)	Qualifier
S04-DGS-DP28	8/13/01	30 -	**1.4**	
S04-DGS-DP28	8/13/01	40 -	1	U
S04-DGS-DP28	8/13/01	50 -	0.5	U
S04-DGS-DP28	8/13/01	50 -	1	U
S04-DGS-DP29	9/17/01	8 - 10	0.5	UJ
S04-DGS-DP29	8/15/01	15 -	0.5	U
S04-DGS-DP29	8/15/01	15 -	1	U
S04-DGS-DP29	8/15/01	25 -	**1.5**	
S04-DGS-DP29	8/16/01	35 -	1	U
S04-DGS-DP29	8/16/01	45 -	1	U
S04-DGS-DP34	8/21/01	6 - 8	**2.2**	
S04-DGS-DP34	8/21/01	12 - 14	1	U
S04-DGS-DP34	8/21/01	20 - 22	1	U
S04-DGS-DP34	8/21/01	30 - 32	1	U
S04-DGS-DP36	9/26/01	12 - 14	0.5	U
S04-DGS-DP36	8/28/01	20 - 22	1	U
S04-DGS-DP36	8/28/01	25 - 27	**1.3**	
S04-DGS-DP36	9/7/01	48 -	0.5	U
S04-DGS-DP36	9/7/01	60 -	0.5	U
S04-DGS-DP36	8/31/01	75 - 77	1	U
S04-DGS-DP36	9/20/01	75 - 77	0.5	UJ
S04-DGS-DP38	8/29/01	5 - 7	**5**	
S04-DGS-DP38	8/29/01	10 - 12	**96**	
S04-DGS-DP38	8/29/01	10 - 12	**100**	
S04-DGS-DP38	8/29/01	20 - 22	1	U
S04-DGS-DP46	10/17/01	12 - 14	**0.4**	J
S04-DGS-DP46	10/5/01	20 - 22	**11**	
S04-DGS-DP46	10/5/01	35 - 37	0.5	U
S04-DGS-DP46	10/5/01	48 - 50	5	U
S04-DGS-DP46	10/5/01	60 - 62	0.5	U
S04-DGS-DP47	10/8/01	20 - 22	**1.2**	
S04-DGS-DP47	10/8/01	35 - 37	0.5	U
S04-DGS-DP47	10/8/01	48 - 50	0.5	U
S04-DGS-DP47	10/8/01	60 - 62	0.5	U
S04-DGS-DP49	10/16/01	12 - 14	0.5	U
S04-DGS-DP49	10/16/01	20 - 22	**3**	
S04-DGS-DP49	10/16/01	35 - 37	0.5	U
S04-DGS-DP49	10/16/01	48 - 50	0.5	U
S04-DGS-DP49	10/16/01	60 - 62	0.5	U
S04-DGS-DP50	10/16/01	20 - 22	**0.8**	
S04-DGS-DP50	10/16/01	35 - 37	0.5	U
S04-DGS-DP50	10/16/01	48 - 50	0.5	U
S04-DGS-DP51	11/5/01	12 - 14	0.5	U
S04-DGS-DP51	11/5/01	20 - 22	**3**	
S04-DGS-DP51	11/5/01	30 - 32	0.5	U
SHP-S04-06	1/24/95	10 -	**2**	
SHP-S04-07	1/18/95	10 -	**6**	

SAMPLING LOCATION
Red = Exceeds Screening Level[2]
Blue = Below Screening Level

- Direct-Push
- Excavation
- Hand Auger
- Manhole/Storm Drain
- Monitoring Well
- Piezometer
- Soil Boring
- Soil Gas
- Surface Location
- CATCH BASIN
- MANHOLE
- INDUSTRIAL WASTE LINE
- FUEL LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- OPERABLE UNIT 2B BOUNDARY
- CERCLA SITE BOUNDARY

BUILDING
- Present
- Removed
- LAND COVER
- WATER

Notes:
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
DCA = Dichloroethane
J = Estimated
U = Not detected

[1]Concentrations are presented in micrograms per liter (mg/L).
[2]Risk based screening level is 0.12 mg/L (based on 1E-06).

100 0 100 200 Feet

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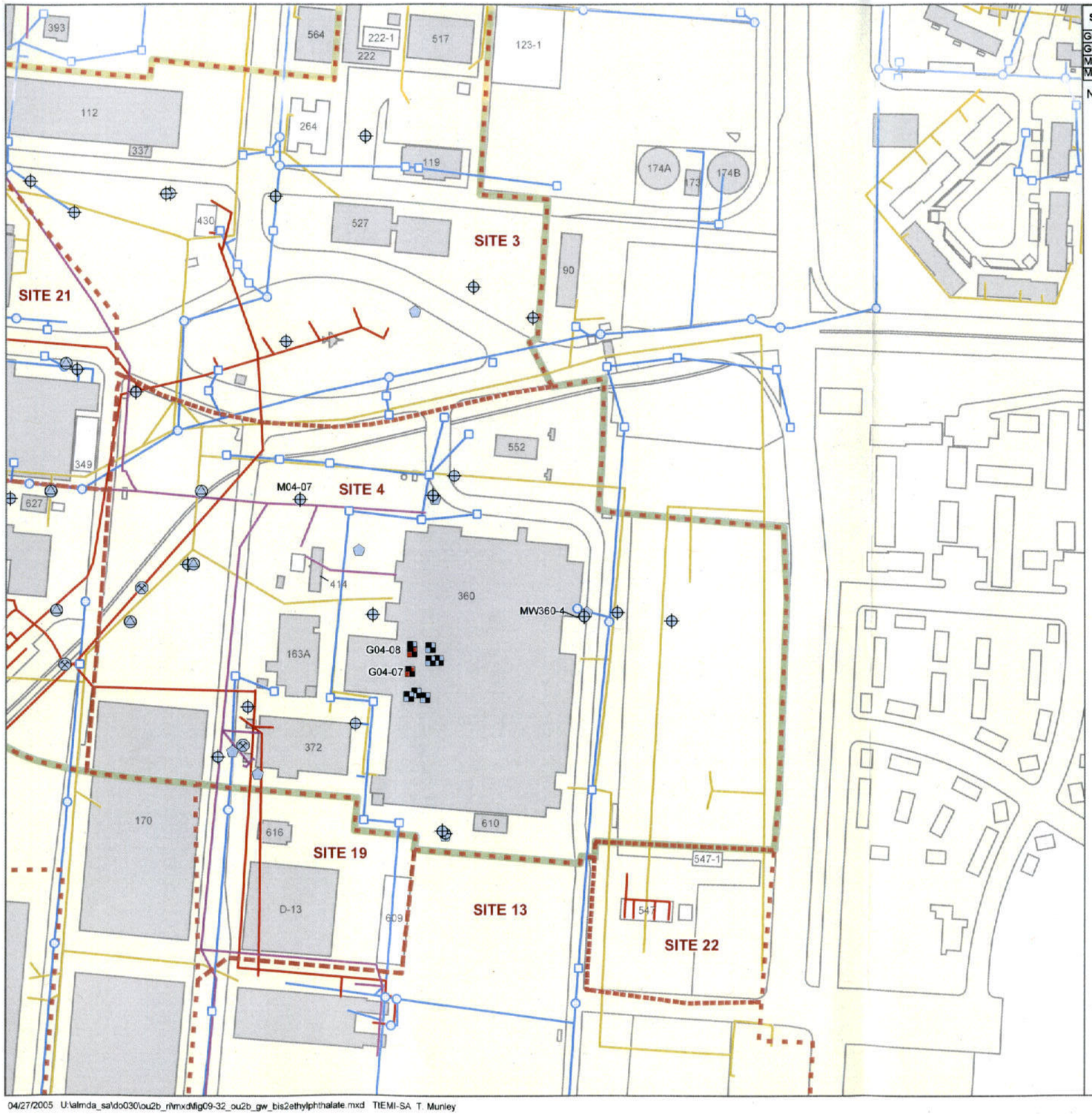
Alameda Point
Department of the Navy,BRAC PMO West, San Diego, California

FIGURE 9-31 (3 OF 3)
OU-2B CONCENTRATIONS OF 1,2-DCA IN GROUNDWATER

Operable Unit 2B
Remedial Investigation Report

04/27/2005 U:\almda_sa\do030\ou2b_ri\mxd\fig09-31-3_ou2b_gw_12dca.mxd TtEMI-SA T. Munley



Sample Location	Sample Depth (feet)	Concentration (µg/L)	Qualifier
G04-07	0.0-0.0	24	
G04-08	0.0-0.0	33	
MW360-4	0.0-0.0	4	J
M04-07	0.0-0.0	3	J

Note: Remaining samples were not detected

SAMPLING LOCATION
Red = Exceeds Screening Level[2]
Blue = Below Screening Level

- Direct-Push
- Excavation
- Hydro Punch
- Monitoring Well
- Surface Location
- CATCH BASIN
- MANHOLE
- OIL-WATER SEPARATOR (OWS)
- INDUSTRIAL WASTE LINE
- FUEL LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- OPERABLE UNIT 2B BOUNDARY
- CERCLA SITE BOUNDARY

BUILDING
- Present
- Removed
- LAND COVER
- WATER

Notes:
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
J = Estimated
U = Not detected

[1]Concentrations are presented in micrograms per liter (µg/L).
[2]Risk based screening level is 5.0 µg/L (based on 1E-06).

N

100 0 100 200 Feet

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Department of the Navy,BRAC PMO West, San Diego, California

FIGURE 9-32
OU-2B CONCENTRATIONS OF BIS(2-ETHYLHEXYL)PHTHALATE IN GROUNDWATER

Operable Unit 2B
Remedial Investigation Report

04/27/2005 U:\almda_sa\do030\ou2b_ri\mxd\fig09-32_ou2b_gw_bis2ethylphthalate.mxd TtEMI-SA T. Munley

Sample Location	Samling Date	Sample Depth (feet)	Concentration[1] (ug/L)	Qualifier
CA04-01	4/27/00	0 - 10	**1.6**	
MW360-1	7/11/90	5 - 15	250	U
MW360-1	7/6/94	5 - 15	25	U
MW360-1	9/22/94	5 - 15	250	U
MW360-1	1/24/95	5 - 15	50	U
MW360-1	4/24/95	5 - 15	330	U
MW360-1	11/7/97	5 - 15	1	U
MW360-1	2/9/98	5 - 15	25	U
MW360-1	5/6/98	5 - 15	250	U
MW360-1	8/4/98	5 - 15	1	U
MW360-1	7/10/01	5 - 15	**10**	J
MW360-1	6/19/02	5 - 15	6.3	U
MW360-1	9/9/02	5 - 15	5	U
MW360-1	12/10/02	5 - 15	6.3	U
MW360-4	8/3/90	5 - 15	50	U
MW360-4	7/1/94	5 - 15	330	U
MW360-4	9/23/94	5 - 15	500	U
MW360-4	1/23/95	5 - 15	50	U
MW360-4	4/25/95	5 - 15	250	U
MW360-4	11/6/97	5 - 15	1	U
MW360-4	2/9/98	5 - 15	1	U
MW360-4	5/6/98	5 - 15	1	U
MW360-4	8/5/98	5 - 15	1	U
MW360-4	6/27/01	5 - 15	**1**	J
MW360-4	6/27/01	5 - 15	**2**	
MW360-4	6/27/01	5 - 15	2	U
MW360-4	6/27/01	5 - 15	3	
MW360-4	6/29/01	5 - 15	2	UJ
MW360-4	6/19/02	5 - 15	1.3	U
MW360-4	9/9/02	5 - 15	0.5	U
MW360-4	12/10/02	5 - 15	0.7	U
S04-DGS-DP10	7/31/01	12 -	**0.9**	J
S04-DGS-DP10	9/6/01	48 -	50	U
S04-DGS-DP10	9/6/01	60 -	2	U
S04-DGS-DP10	9/20/01	75 - 77	0.5	UJ
S04-DGS-DP49	10/16/01	12 - 14	2	U
S04-DGS-DP49	10/16/01	20 - 22	**6**	
S04-DGS-DP49	10/16/01	35 - 37	2	U
S04-DGS-DP49	10/16/01	48 - 50	2	U
S04-DGS-DP49	10/16/01	60 - 62	2	U

SAMPLING LOCATION
Red = Exceeds Screening Level[2]
Blue = Below Screening Level

- Direct-Push
- Excavation
- Hand Auger
- Manhole/Storm Drain
- Monitoring Well
- Piezometer
- Soil Boring
- Surface Location
- CATCH BASIN
- MANHOLE
- OIL-WATER SEPARATOR (OWS)
- INDUSTRIAL WASTE LINE
- FUEL LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- OPERABLE UNIT 2B BOUNDARY
- CERCLA SITE BOUNDARY

BUILDING
- Present
- Removed

- LAND COVER
- WATER

Notes:
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
J = Estimated
U = Not Detected
Concentrations are presented in micrograms per liter (mg/L).

[1]Bold denotes "exceeds screening level."
[2]Risk based screening level is 0.18 mg/L (based on 1E-06).

100 0 100 200 Feet

N

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FIGURE 9-33
OU-2B CONCENTRATIONS OF BROMODICHLOROMETHANE IN GROUNDWATER
Operable Unit 2B
Remedial Investigation Report

04/22/2005 U:\almda_sa\do030\ou2b_ri\mxd\fig09-33_ou2b_gw_bromodichloromethane.mxd TtEMI-SA T. Munley

Sample Location	Samling Date	Sample Depth (feet)	Concentration[1] (ug/L)	Qualifier
097-001	9/1/99	10 -	**3**	J
11/21-CH4	7/11/02	8 - 12	**1.1**	
11/21-CH4	7/11/02	18 - 22	1	U
11/21-CH4	7/11/02	28 - 32	1	U
11/21-CH4	7/11/02	38 - 42	1	U
11/21-CH4	7/11/02	48 - 52	1	U
372-MW1	6/29/01	2.5 - 12.5	13	UJ
372-MW1	7/11/02	2.5 - 12.5	**1.1**	
CA04-01	4/27/00	0 - 10	**34**	
D04-02	3/9/95	86.5 - 96.5	**18**	
D04-02	3/9/95	86.5 - 96.5	**27**	
D04-02	5/3/95	86.5 - 96.5	**5**	
D04-02	11/14/97	86.5 - 96.5	1	U
D04-02	2/4/98	86.5 - 96.5	1	U
D04-02	5/8/98	86.5 - 96.5	1	U
D04-02	8/5/98	86.5 - 96.5	1	U
D04-02	6/27/01	86.5 - 96.5	2	U
D04-02	6/27/01	86.5 - 96.5	2	UJ
D04-02	7/3/01	86.5 - 96.5	2	U
D04-02	7/3/02	86.5 - 96.5	0.5	U
D04-02	12/10/02	86.5 - 96.5	0.5	U
D04-03	3/9/95	84 - 94	**2**	J
D04-03	3/9/95	84 - 94	**11**	
D04-03	5/10/95	84 - 94	**2**	J
D04-03	11/14/97	84 - 94	1	U
D04-03	2/4/98	84 - 94	1	U
D04-03	5/6/98	84 - 94	1	U
D04-03	8/5/98	84 - 94	1	U
D04-03	7/10/01	84 - 94	2	U
D04-03	7/3/02	84 - 94	0.5	U
D04-03	12/10/02	84 - 94	0.5	U
DHP-S03-05	8/31/94	19 - 22	**2**	
G04-08	9/10/91	0 -	**1.3**	J
IW-01	9/12/02	-	0.51	J
M04-05	7/5/94	3.5 - 13.5	2	U
M04-05	9/26/94	3.5 - 13.5	2	U
M04-05	1/24/95	3.5 - 13.5	**0.6**	J
M04-05	4/25/95	3.5 - 13.5	0.4	J
M04-05	11/3/97	3.5 - 13.5	1	U
M04-05	2/9/98	3.5 - 13.5	1	U
M04-05	5/5/98	3.5 - 13.5	1	U
M04-05	8/4/98	3.5 - 13.5	1	U
M04-05	7/16/01	3.5 - 13.5	2	U
M04-05	6/21/02	3.5 - 13.5	0.5	U
M04-05	9/9/02	3.5 - 13.5	0.5	U
M04-05	12/9/02	3.5 - 13.5	0.5	U
M04-06	6/30/94	3.5 - 13.5	2	U
M04-06	9/23/94	3.5 - 13.5	0.5	J
M04-06	1/23/95	3.5 - 13.5	2	U
M04-06	4/26/95	3.5 - 13.5	2	U
M04-06	11/3/97	3.5 - 13.5	1	U
M04-06	2/9/98	3.5 - 13.5	1	U
M04-06	5/6/98	3.5 - 13.5	1	U
M04-06	8/4/98	3.5 - 13.5	1	U
M04-06	7/2/01	3.5 - 13.5	2	U
M04-06	6/21/02	3.5 - 13.5	0.5	U
M04-06	12/11/02	3.5 - 13.5	0.2	
MW-02	9/12/02	-	**0.91**	J
MW-04	9/12/02	-	**1.1**	
MW360-2	7/11/90	5 - 15	100	U
MW360-2	7/5/94	5 - 15	50	U
MW360-2	9/27/94	5 - 15	33	U
MW360-2	1/24/95	5 - 15	100	U
MW360-2	4/24/95	5 - 15	50	U
MW360-2	11/6/97	5 - 15	1	U
MW360-2	2/9/98	5 - 15	5	U
MW360-2	5/6/98	5 - 15	1	U
MW360-2	8/4/98	5 - 15	1	U
MW360-2	7/10/01	5 - 15	2	U
MW360-2	7/16/01	5 - 15	2	U
MW360-2	6/19/02	5 - 15	1	U
MW360-2	9/9/02	5 - 15	0.1	J
MW360-2	12/9/02	5 - 15	0.5	U
MW97-3	10/18/90	5 - 15	5	U
MW97-3	10/14/94	5 - 15	1	U
MW97-3	2/7/95	5 - 15	1	U
MW97-3	6/9/95	5 - 15	1	U
MW97-3	8/2/95	5 - 15	1	U
MW97-3	6/28/01	5 - 15	2	UJ
MW97-3	7/3/02	5 - 15	0.5	U
MW97-3	9/6/02	5 - 15	0.1	J
MW97-3	12/10/02	5 - 15	0.5	U
S04-2-4	1/23/98	25 - 30	**0.8**	J
S04-DGS-DP03	7/3/01	13 -	0.4	J
S04-DGS-DP05	8/3/01	30 -	**3**	
S04-DGS-DP26	8/14/01	10 -	**1**	J
S04-DGS-DP38	8/29/01	10 - 12	**3**	
SHP-S04-09	1/25/95	16 -	**2**	

SAMPLING LOCATION
Red = Exceeds Screening Level[2]
Blue = Below Screening Level

- Direct-Push
- Excavation
- Hand Auger
- Manhole/Storm Drain
- Monitoring Well
- Piezometer
- Soil Boring
- Surface Location
- CATCH BASIN
- MANHOLE
- INDUSTRIAL WASTE LINE
- FUEL LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- OPERABLE UNIT 2B BOUNDARY
- CERCLA SITE BOUNDARY

BUILDING
- Present
- Removed
- LAND COVER
- WATER

Notes:
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
J = Estimated
U = Not detected

[1]Bold denotes "exceeds screening level."
[2]Risk based screening level is 0.53 (cal modified) mg/L (based on 1E-05).

100 0 100 200 Feet

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FIGURE 9-34
OU-2B CONCENTRATIONS OF CHLOROFORM IN GROUNDWATER

Operable Unit 2B
Remedial Investigation Report

04/20/2005 U:\almda_sa\do030\ou2b_rl\mxd\fig09-34_ou2b_gw_chloroform.mxd TtEMI-SA T. Munley

Sample Location	Sample Date	Sample Depth (feet)	Concentration (µg/L)	Qualifier
M03-06	12/8/1994	0.0	**81**	J
M03-06	2/7/1995	0.0	**38**	
M03-06	6/5/1995	0.0	**56**	J
M03-06	8/2/1995	0.0	**58**	
M03-06	6/27/2001	0.0	**14**	
M03-06	7/3/2002	0.0	**21**	
M03-06	9/6/2002	0.0	**37**	
M03-06	12/11/2002	0.0	**8.2**	
M11-06	7/3/2001	0.0	0.9	J
M11-06	6/20/2002	0.0	0.5	J
M11-06	9/9/2002	0.0	0.7	J
OUTFALL G	7/20/2001	0.0	0.9	J
S03-DGS-DP21	8/17/2001	5.0-7.0	1.6	
S04-2D-A	4/7/1997	9.0	1.1	
S04-2D-C	4/8/1997	15.0	**14**	
S04-3C-A	4/8/1997	15.0	1.4	
S04-5C-A	4/8/1997	15.0	0.58	
S04-DGS-DP11	7/31/2001	6.0	**160**	
S04-DGS-DP11	7/31/2001	10.0	**6.1**	
S04-DGS-DP12	8/1/2001	6.0	2.2	
S04-DGS-DP13	8/1/2001	6.0	1.3	
S04-DGS-DP13	8/1/2001	6.0	2	J
S04-DGS-DP36	9/7/2001	60.0	0.4	J
S11-DGS-DP108	8/30/2001	10.0	**560**	
S21-DGS-DP06	7/31/2001	5.0-7.0	**8.7**	
S21-DGS-DP105	8/28/2001	25.0-27.0	1.3	
S21-DGS-DP13	8/17/2001	9.0-11.0	**6.7**	

Note: Remaining samples were not detected

SAMPLING LOCATION
Red = Exceeds Screening Level[2]
Blue = Below Screening Level

- Direct-Push
- Excavation
- Hand Auger
- Hydro Punch
- Man Hole Storm Drain
- Monitoring Well
- Piezometer
- Soil Boring
- Storm Drain Outlet
- Surface Location
- Vacuum Extraction
- CATCH BASIN
- MANHOLE
- OIL-WATER SEPARATOR (OWS)
- INDUSTRIAL WASTE LINE
- FUEL LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- OPERABLE UNIT 2B BOUNDARY
- CERCLA SITE BOUNDARY

BUILDING
- Present
- Removed
- LAND COVER
- WATER

Notes:
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
J = Estimated
U = Not detected

[1]Concentrations are presented in micrograms per liter (µg/L).
[2]Risk based screening level is 5.0 µg/L (based on 1E-06).

100 0 100 200 Feet

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FIGURE 9-35
OU-2B CONCENTRATIONS OF CHLOROETHANE IN GROUNDWATER

Operable Unit 2B
Remedial Investigation Report

04/30/2005 U:\almda_sa\do030\ou2b_riv\mxd\fig09-35_ou2b_gw_chloroethane.mxd TtEMI-SA T. Munley

Sample Location	Sampling Date	Sample Depth (feet)	Concentration[1] (ug/L)	Qualifier
097-002	9/2/1999	10 -	**5**	
097-003	9/2/1999	10 -	4	J
097-004	9/2/1999	10 -	**6**	
097-005	9/2/1999	10 -	**6**	
097-006	9/2/1999	10 -	4	J
097-007	9/2/1999	10 -	**5**	
097-008	9/2/1999	10 -	4	J
097-009	9/2/1999	10 -	3	J
097-010	9/2/1999	10 -	2	J
11/21-CH1	7/9/2002	8 - 12	1	U
11/21-CH1	7/9/2002	18 - 22	1	U
11/21-CH1	7/10/2002	28 - 32	1.2	B
11/21-CH1	7/10/2002	38 - 40	0.69	JB
11/21-CH1	7/10/2002	48 - 52	0.67	JB
11/21-CH3	7/10/2002	8 - 12	1	U
11/21-CH3	7/10/2002	8 - 12	1	U
11/21-CH3	7/10/2002	18 - 22	0.64	JB
11/21-CH3	7/10/2002	28 - 32	1	B
11/21-CH3	7/10/2002	38 - 42	0.86	JB
11/21-CH3	7/11/2002	48 - 52	1.1	B
11/21-CH4	7/11/2002	8 - 12	1.1	B
11/21-CH4	7/11/2002	18 - 22	1.1	B
11/21-CH4	7/11/2002	28 - 32	0.97	JB
11/21-CH4	7/11/2002	38 - 42	0.73	JB
11/21-CH4	7/11/2002	48 - 52	0.89	JB
162-001	9/2/1999	10 -	4	J
IW-01	9/12/2002	-	1.2	B
M03-11	12/13/2002	26 - 36	**75**	**J**
M03-11	4/11/2003	26 - 36	5	U
M03-11	9/9/2002	26 - 36	18	U
MW-01	9/12/2002	-	0.84	JB
MW-02	9/12/2002	-	1.1	B
MW-03	9/12/2002	-	0.85	JB
MW-04	9/12/2002	-	1.2	B
P-11-MWI-03	9/11/2002	-	2.9	B
P-11-MWI-07	9/12/2002	-	0.75	JB
P-11-MWI-11	9/12/2002	-	0.8	JB

SAMPLING LOCATION
Red = Exceeds Screening Level[2]
Blue = Below Screening Level

- Direct-Push
- Excavation
- Hand Auger
- Manhole/Storm Drain
- Monitoring Well
- Piezometer
- Soil Boring
- Soil Gas
- Surface Location
- CATCH BASIN
- MANHOLE
- INDUSTRIAL WASTE LINE
- FUEL LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- OPERABLE UNIT 2B BOUNDARY
- CERCLA SITE BOUNDARY

BUILDING
- Present
- Removed
- LAND COVER
- WATER

Notes:
B = Compound detected in an associate blank as well as the sample
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
J = Estimated
U = Not detected

Concentrations are presented in micrograms per liter (mg/L).

[1]Bold denotes "exceeds screening level."
[2]Risk based screening level is 4.3 mg/L (based on 1E-06).

100 0 100 200 Feet

N

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FIGURE 9-36
OU-2B CONCENTRATIONS OF METHYLENE CHLORIDE IN GROUNDWATER

Operable Unit 2B
Remedial Investigation Report

04/22/2005 U:\almda_sa\do030\ou2b_ri\mxd\fig09-36_ou2b_gw_mc.mxd TtEMI-SA T. Munley

Sample Location	Sampling Date	Sample Depth (feet)	B(a)A[1] (ug/L)	Qualifier	B(a)P[2] (ug/L)	Qualifier
030-S07-015	10/6/98	5.5 - 6	**0.6**	J	**0.4**	J
398-MW4	6/27/01	2.85 - 12.85	**0.1**	J	**0.1**	J
398-MW4	6/27/01	2.85 - 12.85	10	U	2.7	U
M03-06	6/27/01	3 - 12	0.2	U	0.2	U
M03-06	6/27/01	3 - 12	10	U	2.7	U
M03-06	2/7/95	3 - 12	**1**	J	**1**	J
M03-06	6/5/95	3 - 12	**1**	J	**1**	J
M03-06	12/8/94	3 - 12	10	U	10	U
M03-06	8/2/95	3 - 12	20	U	20	U
MW97-3	6/28/01	5 - 15	**0.1**	J	-	-
MW97-3	6/28/01	5 - 15	10	U	-	-
MW97-3	10/14/94	5 - 15	10	U	-	-
MW97-3	2/7/95	5 - 15	10	U	-	-
MW97-3	6/9/95	5 - 15	10	U	-	-
MW97-3	8/2/95	5 - 15	10	U	-	-
MW97-3	10/18/90	5 - 15	10	U	-	-
MW97-1	6/28/01	5 - 15	**0.1**	J	-	-
MW97-1	6/28/01	5 - 15	10	U	-	-
MW97-1	10/14/94	5 - 15	10	U	-	-
MW97-1	2/7/95	5 - 15	10	U	-	-
MW97-1	6/8/95	5 - 15	10	U	-	-
MW97-1	7/31/95	5 - 15	10	U	-	-
MW97-1	8/30/90	5 - 15	10	U	-	-
M03-04	6/27/01	3 - 11	-	-	**0.1**	J
M03-04	6/27/01	3 - 11	-	-	2.7	U
M03-04	12/15/94	3 - 11	-	-	10	U
M03-04	2/7/95	3 - 11	-	-	10	U
M03-04	6/9/95	3 - 11	-	-	10	U
M03-04	8/4/95	3 - 11	-	-	10	U
M03-07	6/29/01	3 - 13	-	-	0.2	U
M03-07	6/29/01	3 - 13	-	-	1.8	U
M03-07	12/15/94	3 - 13	-	-	**0.5**	J
M03-07	2/8/95	3 - 13	-	-	10	U
M03-07	6/6/95	3 - 13	-	-	10	U
M03-07	8/2/95	3 - 13	-	-	10	U

SAMPLING LOCATION
Green = Exceeds screening level for B(a)A[1]
Tan = Exceeds screening level for B(a)P[2]
Red = Exceeds screening level for B(a)A and B(a)P
Blue = Below Screening Level

- Direct-Push
- Excavation
- Monitoring Well
- Surface Location
- CATCH BASIN
- MANHOLE
- INDUSTRIAL WASTE LINE
- FUEL LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- OPERABLE UNIT 2B BOUNDARY
- CERCLA SITE BOUNDARY

BUILDING
- Present
- Removed
- LAND COVER
- WATER

Notes:
B(a)A = Benzo(a)anthracene
B(a)P = Benzo(a)pyrene
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
J = Estimated
U = Not Detected

Concentrations presented in micrograms per liter (mg/L).

[1]Risk based screening level for B(a)A is 0.092 mg/L (based on 1E-06).
[2]Risk based screening level for B(a)P is 0.0092 mg/L (based on 1E-06).

100 0 100 200 Feet

N

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FIGURE 9-37
OU-2B CONCENTRATIONS OF BENZO(a)ANTHRACENE AND BENZO(a)PYRENE IN GROUNDWATER
Operable Unit 2B
Remedial Investigation Report

04/07/2005 U:\almda_sa\do030\ou2b_ri\mxd\fig09-37_ou2b_gw_bapbaa.mxd TtEMI-SA T. Munley

Sample Location	Sample Date	Sample Depth (feet)	Concentration (µg/L)	Qualifier
097-001	9/1/1999	10	5	U
097-002	9/2/1999	10	5	U
097-003	9/2/1999	10	5	U
097-004	9/2/1999	10	5	U
097-005	9/2/1999	10	5	U
097-006	9/2/1999	10	5	U
097-007	9/2/1999	10	5	U
097-008	9/2/1999	10	5	U
097-009	9/2/1999	10	5	U
097-010	9/2/1999	10	**7**	
11/21-CH1	7/9/2002	8 - 12	1	U
11/21-CH1	7/9/2002	18 - 22	0.61	J
11/21-CH1	7/10/2002	28 - 32	1	U
11/21-CH1	7/10/2002	38 - 40	1	U
11/21-CH1	7/10/2002	48 - 52	0.52	J
11/21-CH2	7/10/2002	8 - 12	0.58	J
11/21-CH2	7/10/2002	18 - 22	1	U
11/21-CH2	7/10/2002	28 - 32	1	U
11/21-CH2	7/10/2002	38 - 42	1	U
11/21-CH2	7/10/2002	48 - 52	1	U
11/21-CH3	7/10/2002	8 - 12	1	U
11/21-CH3	7/10/2002	8 - 12	1	U
11/21-CH3	7/10/2002	18 - 22	1	U
11/21-CH3	7/10/2002	28 - 32	1	U
11/21-CH3	7/10/2002	38 - 42	1	U
11/21-CH3	7/11/2002	48 - 52	1	U
11/21-CH4	7/11/2002	8 - 12	1	U
11/21-CH4	7/11/2002	18 - 22	1	U
11/21-CH4	7/11/2002	28 - 32	1	U
11/21-CH4	7/11/2002	38 - 42	1	U
11/21-CH4	7/11/2002	48 - 52	1	U
116-0013	12/28/1998	9 - 12	1	U
118-0015	12/28/1998	9 - 12	1	U
162-001	9/2/1999	10	5	U
372-MW1	7/11/2002		2	U
393-002	9/7/1999	10	5	U
393-003	9/7/1999	10	5	U
398-MW4	6/20/2002		2	U
398-MW4	9/6/2002		2	U
398-MW4	12/10/2002		2	U
D03-01	7/3/2002		2	U
D03-01	12/10/2002		2	U
D04-01	7/3/2002		2	U
D04-01	12/10/2002		2	U
D04-02	7/3/2002		2	U
D04-02	12/10/2002		2	U
D04-03	7/9/2001		1	U
D04-03	7/9/2001		1	U
D04-03	7/9/2001		1	U
D04-03	7/9/2001		1	U
D04-03	7/9/2001		1	U
D04-03	7/3/2002		2	U
D04-03	12/10/2002		2	U
D11-01	7/8/2002		2	U
D11-01	12/10/2002		2	U
IW-01	9/12/2002		1	U
M03-04	6/20/2002		3.5	J
M03-04	9/6/2002		5.6	J
M03-04	12/10/2002		4.3	
M03-05	7/3/2002		2	U
M03-05	12/9/2002		2	U
M03-06	7/3/2002		2	U
M03-06	9/6/2002		2	U
M03-06	12/11/2002		2	U
M03-07	6/21/2002		2	U
M03-07	12/11/2002		2	U
M03-09	9/6/2002		3.7	J
M03-09	12/13/2002		1.6	
M03-10	9/6/2002		50	U
M03-10	12/13/2002		10	U
M03-11	9/9/2002		140	U
M03-11	12/13/2002		670	U
M03-11	4/11/2003		2	U
M03-12	9/9/2002		2	U
M03-12	12/13/2002		1.6	U
M03-13	9/9/2002		25	U
M03-13	12/13/2002		2	U
M04-05	7/10/2001		1	U
M04-05	7/10/2001		1	U
M04-05	7/10/2001		1	U
M04-05	7/10/2001		1	U
M04-05	6/21/2002		0.2	J
M04-05	9/9/2002		2	U
M04-05	12/9/2002		2	U
M04-06	6/21/2002		2	UJ
M04-06	12/11/2002		2	U
M07B-01	6/20/2002		2	UJ
M07B-01	9/6/2002		2	U
M07B-01	12/9/2002		2	U
M11-01	6/21/2002		2	U
M11-01	9/6/2002		2	U
M11-01	12/9/2002		2	U
M11-04	6/20/2002		2	UJ
M11-04	9/6/2002		2	U
M11-04	12/9/2002		2	U

SAMPLING LOCATION
Red = Exceeds Screening Level[2]
Blue = Below Screening Level

- Direct-Push
- Geo-probe
- Hand Auger
- Monitoring Well
- Soil Boring
- Vacuum extraction
- CATCH BASIN
- MANHOLE
- OIL-WATER SEPARATOR (OWS)
- INDUSTRIAL WASTE LINE
- FUEL LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- OPERABLE UNIT 2B BOUNDARY
- CERCLA SITE BOUNDARY

BUILDING
- Present
- Removed
- LAND COVER
- WATER

Notes:
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
J = Estimated
U = Not Detected
Concentrations are presented in micrograms per liter (mg/L).

[1]Bold denotes "exceeds screening level."
[2]Risk based screening level is 6.0 µg/L (based on 1E-06).

100 0 100 200 Feet

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FIGURE 9-38 (1 OF 4)
OU-2B CONCENTRATIONS OF NAPHTHALENE IN GROUNDWATER
Operable Unit 2B
Remedial Investigation Report

04/20/2005 U:\almda_sa\do030\ou2b_ri\mxd\fig09-38-1_ou2b_gw_naphthalene.mxd TtEMI-SA T. Munley

Sample Location	Sample Date	Sample Depth (feet)	Concentration (µg/L)[1]	Qualifier
M11-05	6/20/2002		2	UJ
M11-05	9/9/2002		2	U
M11-05	12/9/2002		2	U
M11-06	6/20/2002		2	UJ
M11-06	9/9/2002		2	U
M11-06	12/9/2002		2	U
MW-01	9/12/2002		1	U
MW-02	9/12/2002		1	U
MW-03	9/12/2002		1	U
MW-04	9/12/2002		1	U
MW360-1	7/9/2001		10	U
MW360-1	7/9/2001		1	U
MW360-1	7/9/2001		10	U
MW360-1	7/9/2001		20	U
MW360-1	7/9/2001		20	U
MW360-1	6/19/2002		25	U
MW360-1	9/9/2002		20	U
MW360-1	12/10/2002		25	U
MW360-2	7/10/2001		1	U
MW360-2	7/10/2001		1	U
MW360-2	7/10/2001		1	U
MW360-2	7/10/2001		1	U
MW360-2	7/10/2001		1	U
MW360-2	6/19/2002		4	U
MW360-2	9/9/2002		2	U
MW360-2	12/9/2002		2	U
MW360-3	7/10/2001		1	U
MW360-3	7/10/2001		1	U
MW360-3	7/10/2001		1	U
MW360-3	7/10/2001		1	U
MW360-3	7/10/2001		1	U
MW360-3	6/19/2002		2	U
MW360-3	9/9/2002		2	U
MW360-3	12/9/2002		2	U
MW360-4	6/19/2002		5	U
MW360-4	9/9/2002		2	U
MW360-4	12/10/2002		2.9	U
MW97-3	7/3/2002		2	U
MW97-3	9/6/2002		2	U
MW97-3	12/10/2002		2	U
P-11-MWI-03	9/11/2002		1	U
P-11-MWI-07	9/12/2002		1	U
P-11-MWI-11	9/12/2002		1	U
S03-DGS-DP01	7/23/2001	7	1	U
S03-DGS-DP02	7/23/2001	7	1	U
S03-DGS-DP03	7/23/2001	5	1	U
S03-DGS-DP03	8/9/2001	10	1	U
S03-DGS-DP20	8/9/2001	5	3.3	
S03-DGS-DP20	8/17/2001	10 - 12	**6.8**	
S03-DGS-DP21	8/17/2001	5 - 7	**1.9**	
S03-DGS-DP21	8/17/2001	10 - 12	1	U
S03-DGS-DP22	8/17/2001	5 - 7	200	U
S03-DGS-DP22	8/17/2001	10 - 12	1.3	
S03-DGS-DP23	8/20/2001	5 - 7	5.3	
S03-DGS-DP23	8/20/2001	10 - 12	1	U
S03-DGS-DP24	8/23/2001	5 - 7	7.4	
S03-DGS-DP24	8/23/2001	12 - 14	1	U
S03-DGS-DP25	8/23/2001	5 - 7	200	U
S03-DGS-DP25	8/23/2001	12 - 14	1	U
S03-DGS-DP26	8/28/2001	8	1	U
S03-DGS-DP26	8/28/2001	14	1	U
S04-DGS-DP01	8/20/2001	8 - 10	10	U
S04-DGS-DP01	8/20/2001	15 - 17	**110**	
S04-DGS-DP01	8/20/2001	20 - 22	1	U
S04-DGS-DP05	8/3/2001	13	1	U
S04-DGS-DP05	8/3/2001	25	100	U
S04-DGS-DP05	8/3/2001	30	100	U
S04-DGS-DP05	8/3/2001	35	100	U
S04-DGS-DP09	7/19/2001	12	1	U
S04-DGS-DP09	7/19/2001	20	1	U
S04-DGS-DP09	7/19/2001	35	1	U
S04-DGS-DP09	7/19/2001	40	1	U
S04-DGS-DP09	7/19/2001	48	1	U
S04-DGS-DP10	7/31/2001	7	1	U
S04-DGS-DP10	7/31/2001	12	1	U
S04-DGS-DP10	7/31/2001	15	1	U
S04-DGS-DP10	7/31/2001	25	1	U
S04-DGS-DP10	8/30/2001	35 - 37	1	U
S04-DGS-DP10	8/31/2001	75 - 77	1	U
S04-DGS-DP10	9/20/2001	75 - 77	0.5	UJ
S04-DGS-DP11	7/31/2001	6	1	U
S04-DGS-DP11	7/31/2001	10	1	U
S04-DGS-DP11	7/31/2001	20	1	U
S04-DGS-DP11	7/31/2001	30	1	U
S04-DGS-DP11	7/31/2001	40	1	U
S04-DGS-DP11	8/1/2001	50	1	U
S04-DGS-DP12	8/1/2001	6	1	U
S04-DGS-DP12	8/1/2001	10	20	U
S04-DGS-DP12	8/1/2001	20	1	U
S04-DGS-DP12	8/1/2001	30	1	U
S04-DGS-DP12	8/1/2001	40	1	U
S04-DGS-DP12	8/1/2001	50	1	U
S04-DGS-DP13	8/1/2001	6	2	U
S04-DGS-DP13	8/2/2001	10	10	U
S04-DGS-DP13	8/2/2001	20	10	U
S04-DGS-DP13	8/2/2001	30	1	U
S04-DGS-DP13	8/2/2001	40	1	U
S04-DGS-DP13	8/2/2001	50	1	U

SAMPLING LOCATION
Red = Exceeds Screening Level[2]
Blue = Below Screening Level

- Direct-Push
- Geo-probe
- Hand Auger
- Monitoring Well
- Soil Boring
- Vacuum extraction
- CATCH BASIN
- MANHOLE
- OIL-WATER SEPARATOR (OWS)
- INDUSTRIAL WASTE LINE
- FUEL LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- OPERABLE UNIT 2B BOUNDARY
- CERCLA SITE BOUNDARY

BUILDING
- Present
- Removed
- LAND COVER
- WATER

Notes:
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
J = Estimated
U = Not Detected
Concentrations are presented in micrograms per liter (mg/L).

[1]Bold denotes "exceeds screening level."
[2]Risk based screening level is 6.0 µg/L (based on 1E-06).

N

100 0 100 200 Feet

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FIGURE 9-38 (2 OF 4)
OU-2B CONCENTRATIONS OF NAPHTHALENE IN GROUNDWATER
Operable Unit 2B
Remedial Investigation Report

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Sample Location	Sample Date	Sample Depth (feet)	Concentration (µg/L)[1]	Qualifier
S04-DGS-DP14	7/24/2001	10	**1700**	
S04-DGS-DP14	7/24/2001	25	**200**	
S04-DGS-DP14	7/24/2001	35	**72**	
S04-DGS-DP14	7/24/2001	45	**26**	
S04-DGS-DP14	7/24/2001	55	**21**	
S04-DGS-DP15	8/8/2001	8	1	U
S04-DGS-DP24	8/10/2001	7	1	U
S04-DGS-DP24	8/10/2001	14	1	U
S04-DGS-DP24	8/10/2001	20	1	U
S04-DGS-DP24	8/10/2001	30	10	U
S04-DGS-DP24	8/20/2001	40	1	U
S04-DGS-DP24	8/20/2001	50	1	U
S04-DGS-DP25	8/14/2001	7 - 9	1	U
S04-DGS-DP25	8/14/2001	15 - 17	1	U
S04-DGS-DP25	8/14/2001	25 - 27	1	U
S04-DGS-DP25	8/14/2001	35 - 37	1	U
S04-DGS-DP26	8/14/2001	7	1	U
S04-DGS-DP26	8/14/2001	10	1	U
S04-DGS-DP26	8/14/2001	20	1	U
S04-DGS-DP26	8/14/2001	30	1	U
S04-DGS-DP26	8/15/2001	40	1	U
S04-DGS-DP26	8/15/2001	50	1	U
S04-DGS-DP27	8/13/2001	7	20	U
S04-DGS-DP27	8/13/2001	10	20	U
S04-DGS-DP27	8/13/2001	20	1	U
S04-DGS-DP27	8/14/2001	30	1	U
S04-DGS-DP27	8/14/2001	38	1	U
S04-DGS-DP27	8/14/2001	50	1	U
S04-DGS-DP28	8/13/2001	7	1	U
S04-DGS-DP28	8/13/2001	10	20	U
S04-DGS-DP28	8/13/2001	20	20	U
S04-DGS-DP28	8/13/2001	30	1	U
S04-DGS-DP28	8/13/2001	40	1	U
S04-DGS-DP28	8/13/2001	50	1	U
S04-DGS-DP29	9/17/2001	8 - 10	0.5	UJ
S04-DGS-DP29	8/15/2001	15	1	U
S04-DGS-DP29	8/15/2001	25	1	U
S04-DGS-DP29	8/16/2001	35	1	U
S04-DGS-DP29	8/16/2001	45	1	U
S04-DGS-DP30	8/20/2001	14	1	U
S04-DGS-DP30	8/20/2001	20	1	U
S04-DGS-DP30	8/20/2001	35	1	U
S04-DGS-DP30	8/20/2001	45	1	U
S04-DGS-DP30	8/20/2001	55	1	U
S04-DGS-DP31	8/21/2001	10 - 12	1	U
S04-DGS-DP31	8/21/2001	15 - 17	1	U
S04-DGS-DP31	8/21/2001	25 - 27	1	U
S04-DGS-DP31	8/21/2001	35 - 37	1	U
S04-DGS-DP31	8/31/2001	45 - 47	1	U
S04-DGS-DP32	8/21/2001	6 - 8	1	U
S04-DGS-DP32	8/21/2001	10 - 12	1	U
S04-DGS-DP32	8/21/2001	20 - 22	1	U
S04-DGS-DP33	8/21/2001	5 - 7	1	U
S04-DGS-DP33	8/21/2001	10 - 12	1	U
S04-DGS-DP33	8/21/2001	20 - 22	1	U
S04-DGS-DP33	8/21/2001	30 - 32	1	U
S04-DGS-DP34	8/21/2001	6 - 8	1	U
S04-DGS-DP34	8/21/2001	12 - 14	1	U
S04-DGS-DP34	8/21/2001	20 - 22	1	U
S04-DGS-DP34	8/21/2001	30 - 32	1	U
S04-DGS-DP35	8/23/2001	8 - 10	1	U
S04-DGS-DP35	8/22/2001	15 - 17	1	U
S04-DGS-DP35	8/22/2001	25 - 27	1	U
S04-DGS-DP36	9/26/2001	12 - 14	0.5	UJ
S04-DGS-DP36	8/28/2001	20 - 22	1	U
S04-DGS-DP36	8/28/2001	25 - 27	1	U
S04-DGS-DP36	8/31/2001	75 - 77	1	U
S04-DGS-DP36	9/20/2001	75 - 77	0.5	UJ
S04-DGS-DP37	8/29/2001	6 - 8	1	U
S04-DGS-DP37	8/29/2001	10 - 12	1	U
S04-DGS-DP38	8/29/2001	5 - 7	1	U
S04-DGS-DP38	8/29/2001	10 - 12	1	U
S04-DGS-DP38	8/29/2001	20 - 22	1	U
S04-DGS-DP39	8/29/2001	6 - 8	1	U
S04-DGS-DP40	8/31/2001	25 - 27	1	U
S04-DGS-DP41	9/26/2001	12 - 14	5.7	UJ
S04-DGS-DP41	9/17/2001	20 - 22	0.5	UJ
S04-DGS-DP41	9/17/2001	35 - 37	2	U
S04-DGS-DP41	9/17/2001	48 - 50	0.5	UJ
S04-DGS-DP41	9/17/2001	60 - 62	0.5	UJ
S04-DGS-DP42	9/11/2001	5	5	UJ
S04-DGS-DP42	9/11/2001	10	5	UJ
S04-DGS-DP43	9/11/2001	6	5	UJ
S04-DGS-DP44	9/17/2001	25 - 27	0.5	UJ
S04-DGS-DP45	9/26/2001	12 - 14	0.9	UJ
S04-DGS-DP45	9/26/2001	20 - 22	25	U
S04-DGS-DP45	9/26/2001	35 - 37	3.6	U
S04-DGS-DP45	10/5/2001	48 - 50	0.5	U
S04-DGS-DP45	10/5/2001	60 - 62	0.5	U
S04-DGS-DP46	10/5/2001	20 - 22	1	U
S04-DGS-DP46	10/5/2001	35 - 37	0.5	U
S04-DGS-DP46	10/5/2001	48 - 50	5	U
S04-DGS-DP46	10/5/2001	60 - 62	0.5	U

SAMPLING LOCATION
Red = Exceeds Screening Level[2]
Blue = Below Screening Level

- Direct-Push
- Geo-probe
- Hand Auger
- Monitoring Well
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- OPERABLE UNIT 2B BOUNDARY
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[1]Bold denotes "exceeds screening level."
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N

100 0 100 200 Feet

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FIGURE 9-38 (3 OF 4)
OU-2B CONCENTRATIONS OF NAPHTHALENE IN GROUNDWATER
Operable Unit 2B
Remedial Investigation Report

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