

Interpreted extent of chlorinated solvents in groundwater

LEGEND

MW-01 MUNDRELL MONITORING WELL

B-34 MUNDRELL SOIL BORING

S-03 HISTORIC SOIL BORING

EXCEEDANCE OF MRBCA ACTION LEVEL OR US EPA PRG

APPROXIMATE NPL SITE LINE

Sample Date	Sample ID
VOCs	ug/L
SVOCs	ug/L
PCBs	ug/L
2,3,7,8-TCDD	ng/L
TEQ	ng/L

Yellow highlight indicates an exceedance of MRBCA action level or U.S. EPA PRG

Bold black font indicates exceedance of Table B-4 Tier 1 Residential Land Use (domestic water use) Target Level and/or US EPA Target Groundwater Screening Level.

Bold red font indicates exceedance of Table B-4 Tier 1 Residential Land Use Dermal Contact Target Level.

11/19/2009	MW-07
<i>Detected VOCs</i>	
1,1-dichloroethene	0.05 J
cis-1,2-dichloroethene	0.066 J
Ethylbenzene	0.045 J
Tetrachloroethene	0.09 J
Toluene	0.28 J
Trichloroethene	0.5 J
<i>Detected SVOCs</i>	
Bis(2-Ethylhexyl) phthalate	1.8 J
PCBs	ND

11/20/2009	MW-06	DUP
<i>VOCs in Exceedance of Cleanup Levels</i>		
1,2,4-trimethylbenzene	180	240
1,3,5-trimethylbenzene	25	31
Methylene chloride	7.2 J B	3.9 J B
Trichloroethene	4.2 J	5.1 J
Vinyl chloride	3.5 J	3.9
Naphthalene	290 B	390
<i>SVOCs in Exceedance of Cleanup Levels</i>		
Naphthalene	260 E, 300 D	240 D, 220 E
2-Methylnaphthalene	15	13
PCBs	ND	ND
2,3,7,8-TCDD	0.0044 Q J	0.109
TEQ	0.0044	0.019

11/19/2009	MW-05
<i>Detected VOCs</i>	
1,1,1-Trichloroethane	0.18 J
1,1-Dichloroethane	0.24 J
1,1-Dichloroethene	0.096 J
Chloroform	0.29 J
cis-1,2-Dichloroethene	4.5
Tetrachloroethene	0.37 J
Trichloroethene	1.9
SVOCs	ND
PCBs	ND
2,3,7,8-TCDD	<0.01
TEQ	0.000011

11/6/2009	B-26 (W)
<i>Detected VOCs</i>	
M&P-Xylene	0.078 J
Toluene	0.15 J
SVOCs	ND
PCBs	ND
2,3,7,8-TCDD	0.0098 Q
TEQ	0.01

11/18/2009	MW-04
<i>Detected VOCs</i>	
cis-1,2-Dichloroethene	0.089 J
Tetrachloroethene	0.061 J
Trichloroethene	0.22 J
SVOCs	ND
PCBs	ND
2,3,7,8-TCDD	<0.0095
TEQ	0.000033

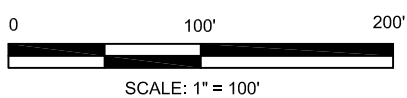
11/17/2009	MW-03
VOCs	ND
SVOCs	ND
PCBs	ND
2,3,7,8-TCDD	<0.01
TEQ	0.000011

11/16/2009	B-22 (W)
<i>Detected VOCs</i>	
Chloromethane	0.077 J
<i>Detected SVOCs</i>	
Bis(2-Ethylhexyl) phthalate	1.8 J
PCBs	ND
2,3,7,8-TCDD	<0.0095
TEQ	0.018

11/16/2009	B-33 (W)
<i>Detected VOCs</i>	
M&P-Xylene	0.059 J
Toluene	0.062 J
<i>Detected SVOCs</i>	
Bis(2-Ethylhexyl) phthalate	12
PCBs	ND
2,3,7,8-TCDD	N/A
TEQ	N/A

11/16/2009	MW-02
<i>Detected VOCs</i>	
M&P-Xylene	0.073 J
Naphthalene	0.19 J
<i>Detected SVOCs</i>	
Bis(2-Ethylhexyl) phthalate	5.6 J
PCBs	ND
2,3,7,8-TCDD	<0.01
TEQ	0.00067

11/17/2009	MW-01
VOCs	ND
<i>Detected SVOCs</i>	
Bis(2-Ethylhexyl) phthalate	4.7 J
PCBs	ND
2,3,7,8-TCDD	<0.01
TEQ	0.000006



Note:
Due to extensive chemical detections in MW-06, only exceedances are depicted.

PROJECT NO.: M08044	FILE NO.: GW Results.dwg
DRAWING: FIG 15	PLOT SIZE: 11"X17"
DRAFTED BY: MEB	DATE: 1-12-2010
CHECKED BY: MEB	DATE: 2-24-2010
APPROVED BY: JAM	DATE: 2-28-2010

GROUNDWATER ANALYTICAL RESULTS
PROPOSED STRECKER FOREST DEVELOPMENT SITE
WILDWOOD, MISSOURI

FIGURE 15



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