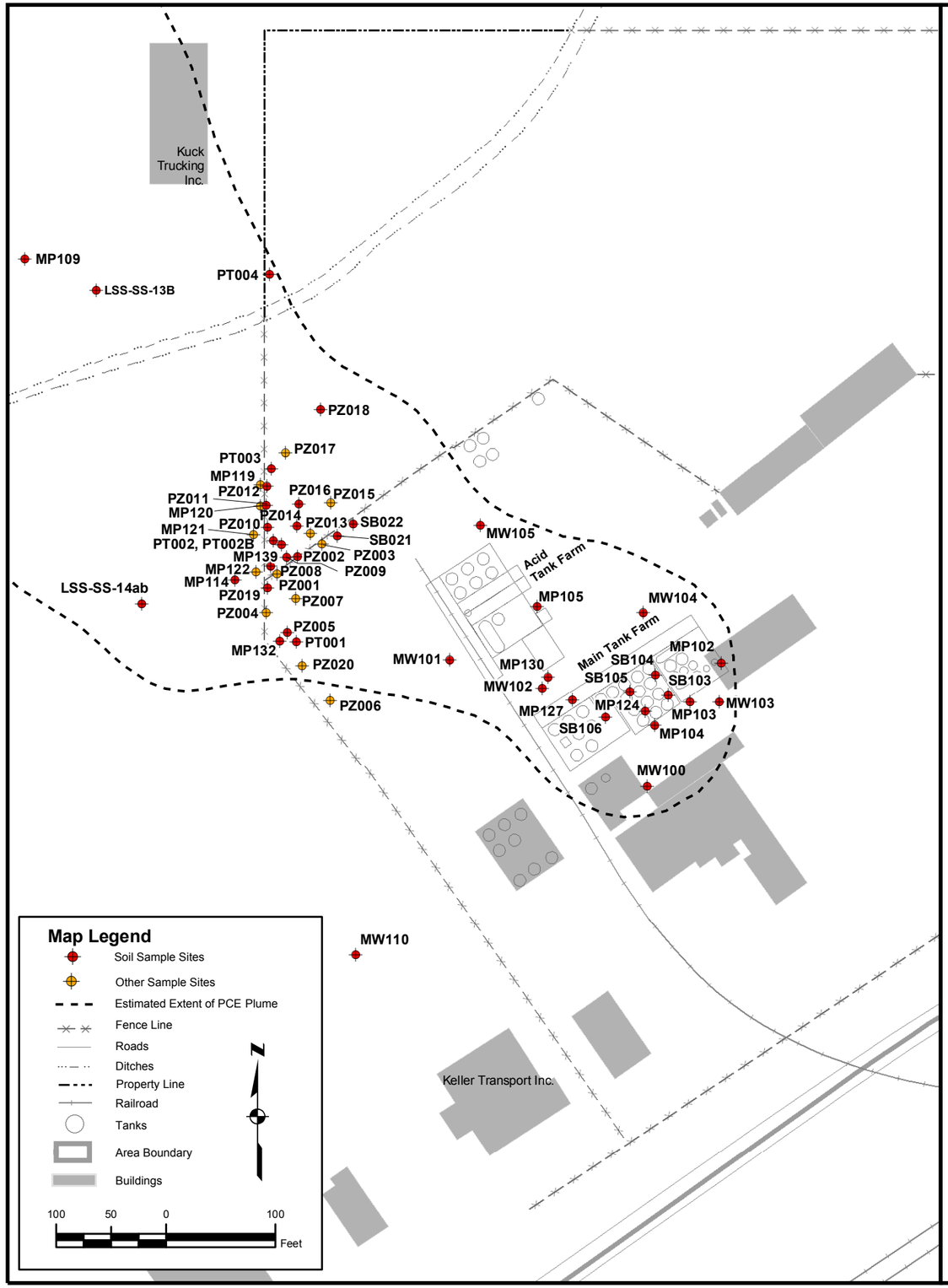

Station	Depth	Collection Date	PCE	TCE	C-DCE	VC
MW100	6-8 ft bgs	6/21/2002	0.2U	0.2U	**0.43**	0.2U
MW100	9-11 ft bgs	6/21/2002	0.2U	0.2U	**0.56**	0.2U
MW100	29-31 ft bgs	6/21/2002	0.2U	0.2U	0.2U	0.2U
MW101	16-17 ft bgs	6/19/2002	0.2U	0.2U	0.2U	0.2U
MW101	18-20 ft bgs	6/19/2002	0.2U	0.2U	**0.051J**	0.2U
MW102	6-7 ft bgs	6/20/2002	0.2U	0.2U	**0.31**	0.2U
MW102	9-11 ft bgs	6/20/2002	0.2U	0.2U	0.2U	0.2U
MW102	11-12 ft bgs	6/20/2002	0.2U	0.2U	0.2U	0.2U
MW103	17-19 ft bgs	6/24/2002	0.2U	0.2U	0.2U	0.2U
MW104	14-16 ft bgs	6/24/2002	0.2U	0.2U	0.2U	0.2U
MW104	17-19 ft bgs	6/24/2002	0.2U	0.2U	**0.066J**	0.2U
MW104	27-29 ft bgs	6/24/2002	0.2U	0.2U	0.2U	0.2U
MW105	24-26 ft bgs	6/20/2002	0.2U	0.2U	0.2U	0.2U
MW105	27-29 ft bgs	6/20/2002	**0.05J**	0.2U	0.2U	0.2U
MW105	29-31 ft bgs	6/20/2002	**0.29**	0.2U	**0.087J**	0.2U
MW110	29-31 ft bgs	6/19/2002	0.2U	0.2U	0.2U	0.2U
PT001	20-22 ft bgs	12/12/2001	**1.1**	0.2U	0.2U	0.2U
PT001	6-8 ft bgs	12/12/2001	**304**	0.2U	0.2U	0.2U
PT002	10-12 ft bgs	12/13/2001	**1350**	**0.14**	0.2U	0.2U
PT002	6-8 ft bgs	12/13/2001	**2040**	**0.11**	**0.19**	0.2U
PT003	4-6 ft bgs	12/14/2001	**14**	**0.16**	**0.23**	0.2U
PT003	6-8 ft bgs	12/14/2001	**21**	**0.14**	**0.18**	0.2U
PT004	12-14 ft bgs	12/15/2001	0.2U	0.2U	0.2U	0.2U
PT004	6-8 ft bgs	12/15/2001	0.2U	0.2U	0.2U	0.2U
LSSSS13B	4-7.5 ft bgs	3/5/1999	**2.3**	0.2U	0.2U	0.2U
LSSSS14A	0-4 ft bgs	3/5/1999	0.2U	0.2U	0.2U	0.2U
LSSSS14B	4-8 ft bgs	3/5/1999	**0.24**	0.2U	0.2U	0.2U

Station	Depth	Collection Date	PCE	TCE	C-DCE	VC
MP102	7-9 ft bgs	9/4/2003	0.2U	0.2U	0.2U	0.2U
MP103	2-4 ft bgs	9/5/2003	**2.2**	**0.52**	0.49U	0.2U
MP104	2-4 ft bgs	9/5/2003	**260**	**2.3**	**2.7**	0.2U
MP104	6-8 ft bgs	9/5/2003	**4670**	**129**	**50**	0.2U
MP105	7.3-7.7 ft bgs	9/5/2003	**0.17J**	0.2U	0.2U	0.2U
MP109	6.5-9 ft bgs	9/6/2003	**1.5**	0.2U	0.2U	0.2U
MP114	2-4 ft bgs	9/6/2003	**0.35**	0.2U	**0.24**	0.2U
MP114	5-7 ft bgs	9/6/2003	**3.9**	**0.32**	**0.14J**	0.2U
MP124	6-8 ft bgs	9/8/2003	2.0U	2.0U	**8.6**	2.0U
MP127	6-8 ft bgs	9/8/2003	**2.8**	2.0U	**1.3J**	2.0U
MP130	14-16 ft bgs	9/9/2003	0.2U	0.2U	0.2U	0.2U
MP132	10-12 ft bgs	9/9/2003	**1.2**	0.2U	0.2U	0.2U
MP139	12-14 ft bgs	9/10/2003	**168**	**0.23**	**0.14J**	0.2U
SB103	5.5-7 ft bgs	9/4/2003	**0.1J**	**0.17J**	**3**	0.2U
SB103	7-9 ft bgs	9/4/2003	**0.83**	**0.7**	**7.1**	0.2U
SB103	9-12 ft bgs	9/4/2003	0.2U	0.2U	**3.4**	0.2U
SB103	12-14.7 ft bgs	9/4/2003	0.2U	0.2U	**2.7**	0.2U
SB104	2-5 ft bgs	9/4/2003	0.2U	0.2U	0.29U	0.2U
SB104	5-8 ft bgs	9/4/2003	0.2U	**0.22**	1.8U	0.2U
SB104	8-11 ft bgs	9/4/2003	0.2U	**0.31**	**3.1**	0.2U
SB104	14-15.5 ft bgs	9/5/2003	0.2U	0.2U	**2.7**	0.2U
SB105	1.5-4.5 ft bgs	9/5/2003	0.2U	0.2U	**2.1**	0.2U
SB105	4.5-7 ft bgs	9/5/2003	0.2U	0.2U	**4.2**	**0.37**
SB105	7-10 ft bgs	9/5/2003	0.2U	0.2U	**10**	**0.73**
SB105	10-13 ft bgs	9/5/2003	0.2U	0.2U	**29**	**1.5**
SB105	13-13.7 ft bgs	9/5/2003	0.2U	0.2U	0.2U	0.2U
SB106	1.3-4 ft bgs	9/5/2003	0.2U	0.2U	0.2U	0.2U
SB106	4-7 ft bgs	9/5/2003	0.2U	0.2U	**2**	0.2U
SB106	7-10 ft bgs	9/5/2003	0.2U	0.2U	**27**	**0.38**
SB106	10-13 ft bgs	9/5/2003	0.2U	0.2U	**39**	**0.15J**
SB106	13-13.5 ft bgs	9/5/2003	0.2U	0.2U	**8.2**	0.2U
SB2/PZ2	12-16 ft bgs	7/21/2003	**3**	**1.9**	**2.1**	0.2U
SB5/PZ5	12-16 ft bgs	7/21/2003	**0.89**	0.2U	0.2U	0.2U
SB8/PZ8	4-8 ft bgs	7/22/2003	**992**	0.2U	0.2U	0.2U
SB9/PZ9	16-20 ft bgs	7/22/2003	**80**	**0.16J**	**0.18J**	0.2U
SB10/PZ10	4-8 ft bgs	7/22/2003	**1290**	**0.51**	**0.26**	0.2U
SB10/PZ10	12-16 ft bgs	7/22/2003	**442**	**0.33**	**0.14J**	0.2U
SB11/PZ11	4-8 ft bgs	7/22/2003	**520**	0.2U	0.2U	0.2U
SB11/PZ11	8-12 ft bgs	7/22/2003	**462**	**0.54**	**0.45**	0.2U
SB12/PZ12	8-12 ft bgs	7/23/2003	**37**	0.2U	**0.13J**	0.2U
SB14/PZ14	4-8 ft bgs	7/23/2003	**0.58**	0.2U	0.2U	0.2U
SB16/PZ16	8-12 ft bgs	7/23/2003	**0.48**	0.2U	0.2U	0.2U
SB18/PZ18	8-12 ft bgs	7/23/2003	**0.17J**	0.2U	0.2U	0.2U
SB19/PZ19	4-8 ft bgs	7/23/2003	**546**	0.2U	0.2U	0.2U
SB21	0-4 ft bgs	7/24/2003	2.0U	0.2U	0.2U	0.2U
SB22	0-4 ft bgs	7/24/2003	**1.6**	0.2U	0.2U	0.2U
PT2B	6-8 ft bgs	7/22/2003	**1820**	**0.3**	0.2U	0.2U

Table Legend

C-DCE = CIS-1,2-DICHLOROETHENE
PCE = TETRACHLOROETHENE
TCE = TRICHLOROETHENE
T-DCE = TRANS-1,2-DICHLOROETHENE
VC = VINYL CHLORIDE

U = NOT DETECTED
J = ESTIMATED
bgs = BELOW GROUND SURFACE

Bold INDICATES ANALYTE DETECTED

Note: All soil results in milligrams per kilogram.

RECORD OF DECISION
LOCKWOOD SOLVENT GROUNDWATER PLUME SITE
BILLINGS, MONTANA

FIGURE 8

BRENNTAG SOURCE AREA
SUBSURFACE SOIL SAMPLING
LOCATIONS AND DATA

Fig8_LSGPS_ROD_Subsurface_soil_sampling_022405.mxd ERM S1176-16RIADDM