

Appendix F

Historical VOC Analytical Data for Groundwater Small Weapons Repair Shop, Parcel 66(7) McClellan, Anniston, Alabama

**Table F1: Historical VOC Detections in Groundwater
Small Weapons Repair Shop, Parcel 66(7), McClellan, Anniston, Alabama**

	PPMP-66-MW01	PPMP-66-MW01	PPMP-66-MW02	PPMP-66-MW02	PPMP-66-MW03	PPMP-66-MW04	PPMP-66-MW05
	3/8/2001	4/11/2002	3/6/2001	4/24/2002	3/7/2001	3/5/2001	3/8/2001
VOCs (µg/L)	(residuum)	(residuum)	(residuum)	(residuum)	(residuum)	(residuum)	(residuum)
1,1,1-Trichloroethane	5 U	1 U (nv)	5 U	0.38 J (nv)	5 U	5 U	5 U
1,1-Dichloroethane	5 U	1 U (nv)	4.6 J	4.4 (nv)	5 U	5 U	5 U
1,1-Dichloroethene	5 U	1 U (nv)	9.2	11 (nv)	5 U	5 U	5 U
1,2-Dichloroethane	5 U	1 U (nv)	5 U	1 U (nv)	5 U	5 U	5 U
Acetone	20 U	10 U (nv)	20 U	10 U (nv)	20 U	20 U	20 U
Chloroethane	5 U	1 U (nv)	5 U	4.3 (nv)	5 U	5 U	5 U
Chloroform	5 U	1 U (nv)	5 U	1 U (nv)	5 U	5 U	5 U
Cis-1,2-Dichloroethene	5 U	1 U (nv)	7.5	9.5 (nv)	5 U	5 U	5 U
Methylene chloride	5 U	2 U (nv)	5 U	2 U (nv)	5 U	5 U	1.4 J (B)
Toluene	5 U	1 U (nv)	5 U	1 U (nv)	5 U	5 U	5 U
Trans-1,2-Dichloroethene	5 U	1 U (nv)	6.4	6.7 (nv)	5 U	5 U	5 U
Trichloroethene	5 U	1 U (nv)	40	29 (nv)	5 U	5 U	5 U
Vinyl chloride	5 U	1 U (nv)	60	67 (nv)	5 U	5 U	5 U

	PPMP-66-MW05	PPMP-66-MW06	PPMP-66-MW06	PPMP-66-MW07	PPMP-66-MW14	PPMP-66-MW15	PPMP-66-MW16
	4/22/2002	3/14/2001	4/25/2002	3/5/2001	10/18/2001	10/17/2001	10/17/2001
VOCs (µg/L)	(residuum)	(residuum)	(residuum)	(residuum)	(residuum)	(residuum)	(residuum)
1,1,1-Trichloroethane	1 U (nv)	36	50 J (nv)	5 U	1 U	1 U	1 U
1,1-Dichloroethane	1 U (nv)	88	110 (nv)	5 U	1 U	1 U	1 U
1,1-Dichloroethene	1 U (nv)	310	360 (nv)	5 U	1 U	1 U	1 U
1,2-Dichloroethane	1 U (nv)	1.1 J	0.86 J (nv)	5 U	1 U	1 U	1 U
Acetone	10 U (nv)	20 U (R)	10 U (nv)	20 U	10 U (R)	10 U (R)	10 U (R)
Chloroethane	1 U (nv)	5 U	1 U (nv)	5 U	1 U	1 U	1 U
Chloroform	1 U (nv)	5 U	1 U (nv)	5 U	1 U	1 U	1 U
Cis-1,2-Dichloroethene	1 U (nv)	500	720 (nv)	5 U	1 U	1 U	1 U
Methylene chloride	0.58 J (nv)	5 U	2 U (nv)	5 U	0.34 J (B)	0.33 J (B)	2 U
Toluene	1 U (nv)	2.6 J	4 (nv)	5 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	1 U (nv)	17	31 (nv)	5 U	1 U	1 U	1 U
Trichloroethene	1 U (nv)	9200	14000 (nv)	5 U	1 U	1 U	1 U
Vinyl chloride	1 U (nv)	5 U	3.5 (nv)	5 U	1 U	1 U	1 U

**Table F1: Historical VOC Detections in Groundwater
Small Weapons Repair Shop, Parcel 66(7), McClellan, Anniston, Alabama**

	PPMP-66-MW08	PPMP-66-MW09	PPMP-66-MW09	PPMP-66-MW10	PPMP-66-MW11	PPMP-66-MW11	PPMP-66-MW12
	3/6/2001	3/7/2001	4/15/2002	3/6/2001	3/16/2001	4/17/2002	3/21/2001
VOCs (µg/L)	(bedrock)	(bedrock)	(bedrock)	(bedrock)	(bedrock)	(bedrock)	(bedrock)
1,1,1-Trichloroethane	5 U	5 U	1 U (nv)	5 U	5 U	1 U (nv)	5 U
1,1-Dichloroethane	5 U	5 U	1 U (nv)	5 U	5 U	1 U (nv)	5 U
1,1-Dichloroethene	5 U	5 U	1 U (nv)	5 U	5 U	1 U (nv)	5 U
1,2-Dichloroethane	5 U	5 U	1 U (nv)	5 U	5 U	1 U (nv)	5 U
Acetone	20 U	20 U	10 U (nv)	84	20 U (R)	10 U (nv)	20 U (R)
Chloroethane	5 U	5 U	1 U (nv)	5 U	5 U	1 U (nv)	5 U
Chloroform	0.99 J (B)	5 U	1 U (nv)	5 U	5 U	1 U (nv)	5 U
Cis-1,2-Dichloroethene	5 U	5 U	1 U (nv)	5 U	5 U	1 U (nv)	5 U
Methylene chloride	5 U	5 U	2 U (nv)	5 U	5 U	0.55 J (nv)	1.5 J
Toluene	1.4 J	5 U	1 U (nv)	5 U	5 U	0.46 J (nv)	5 U
Trans-1,2-Dichloroethene	5 U	5 U	1 U (nv)	5 U	5 U	1 U (nv)	5 U
Trichloroethene	5 U	5 U	1 U (nv)	5 U	5 U	1 U (nv)	5 U
Vinyl chloride	5 U	5 U	1 U (nv)	5 U	5 U	1 U (nv)	5 U

	PPMP-66-MW12	PPMP-66-MW13	PPMP-66-MW13	PPMP-75-GP01	PPMP-75-GP02	PPMP-75-GP03
	4/26/2002	3/14/2001	4/24/2002	2/24/1999	2/24/1999	2/24/1999
VOCs (µg/L)	(bedrock)	(bedrock)	(bedrock)	(temporary)	(temporary)	(temporary)
1,1,1-Trichloroethane	1 U (nv)	5 U	1 U (nv)	0.5 J	1 U	1 U
1,1-Dichloroethane	1 U (nv)	5 U	1 U (nv)	6.9	1 U	1 U
1,1-Dichloroethene	1 U (nv)	5 U	1 U (nv)	1.8	1 U	1 U
1,2-Dichloroethane	1 U (nv)	5 U	1 U (nv)	1 U	1 U	1 U
Acetone	10 U (nv)	20 U (R)	10 U (nv)	10 U (R)	10 U (R)	10 U (R)
Chloroethane	1 U (nv)	5 U	1 U (nv)	2 U	2 U	2 U
Chloroform	1 U (nv)	5 U	1 U (nv)	1 U	1 U	1 U
Cis-1,2-Dichloroethene	1 U (nv)	5 U	1 U (nv)	21	1 U	1 U
Methylene chloride	0.28 J (nv)	5 U	2 U (nv)	1 (UJ)	1 (UJ)	1 (UJ)
Toluene	1 U (nv)	5 U	1 U (nv)	1 U	1 U	1 U
Trans-1,2-Dichloroethene	1 U (nv)	5 U	1 U (nv)	15	1 U	1 U
Trichloroethene	1 U (nv)	2.3 J	1 U (nv)	4.4	1 U	1 U
Vinyl chloride	1 U (nv)	5 U	1 U (nv)	37	2 U	2 U

**Table F1: Historical VOC Detections in Groundwater
Small Weapons Repair Shop, Parcel 66(7), McClellan, Anniston, Alabama**

Notes:

µg/L = micrograms per liter

VOCs = Volatile Organic Compounds

Flags:

J = Lab Flag: Estimated value. Result is less than or equal to reporting limit but greater than the method detection limit.

U = Lab Flag: Not detected. The value represented indicates the reporting limit.

(B) = Validation Flag: Analyte detected in lab or field blank at concentration greater than reporting limit (and greater than zero).

(nv) = not validated

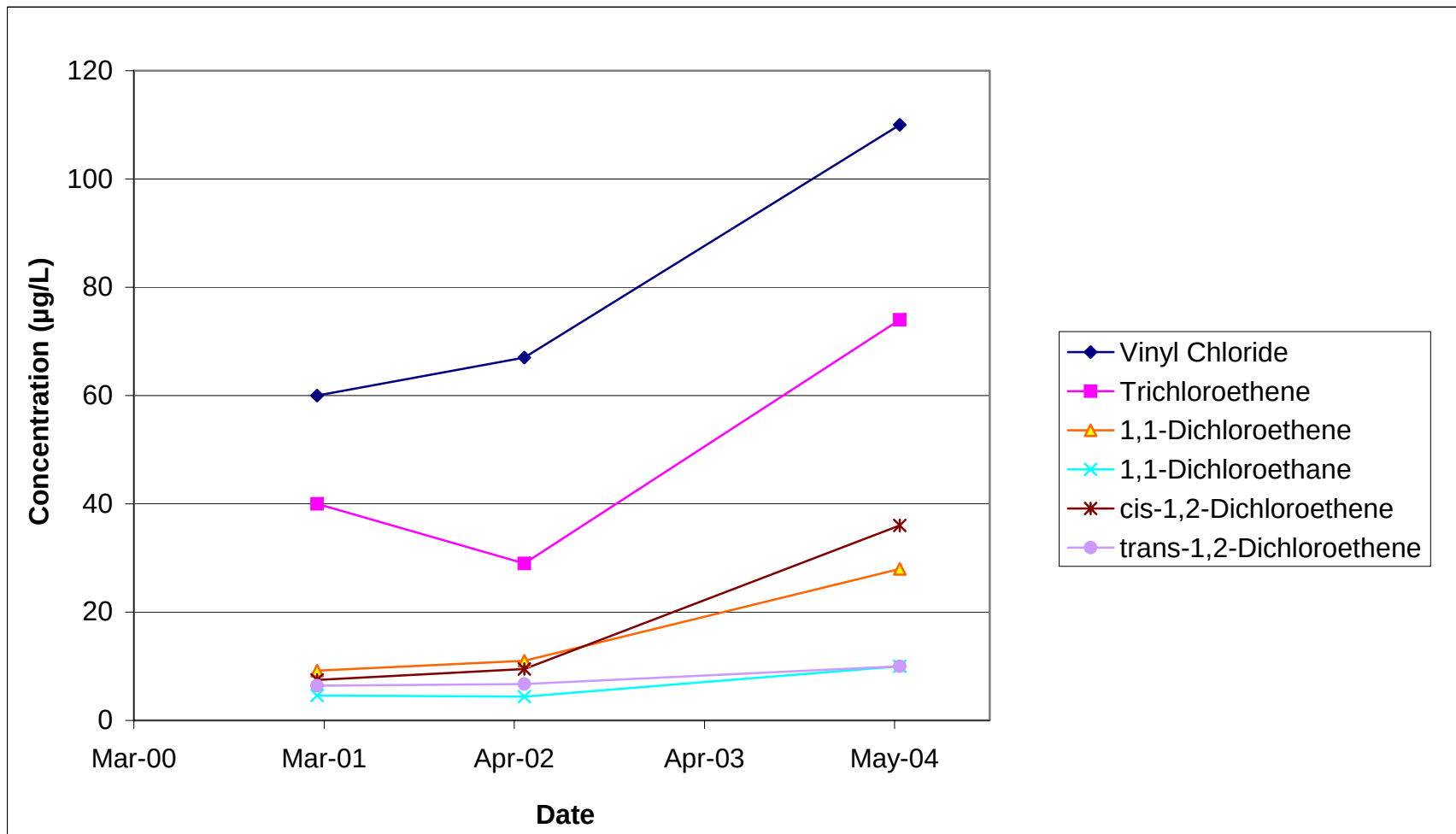
(R) = Rejected data. Unusable result; analyte may or may not be present in the sample.

(UJ) = Validation Flag: Analyte was analyzed for but was not detected; the reported quantitation limit is estimated.

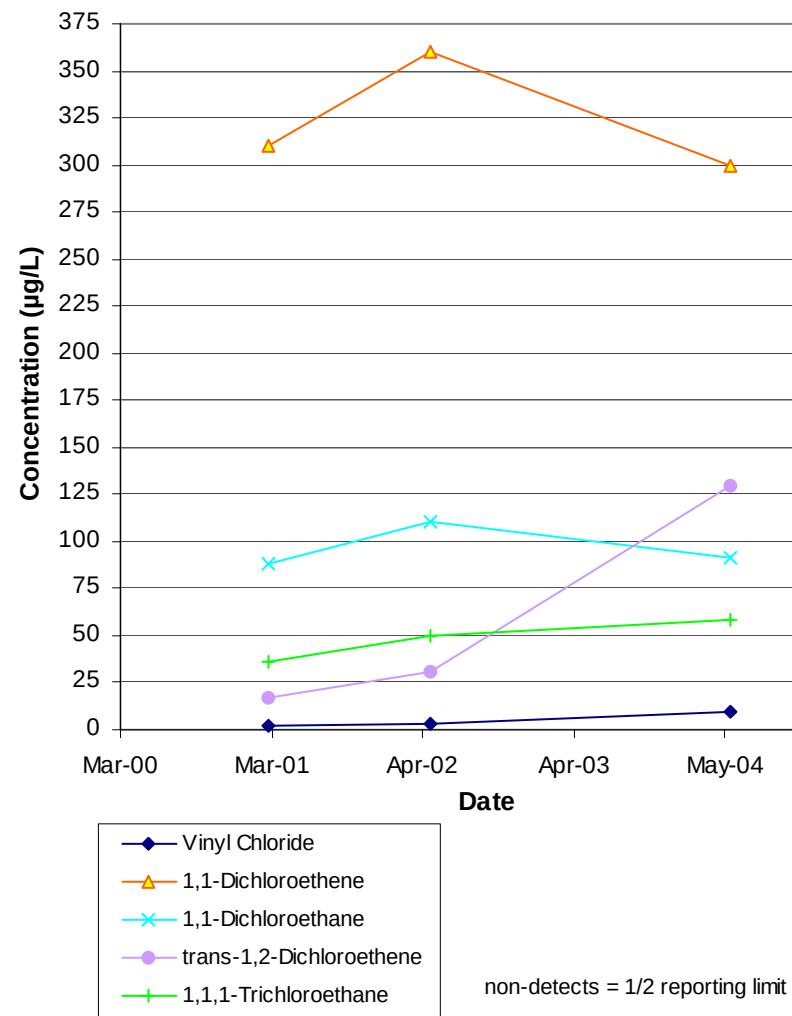
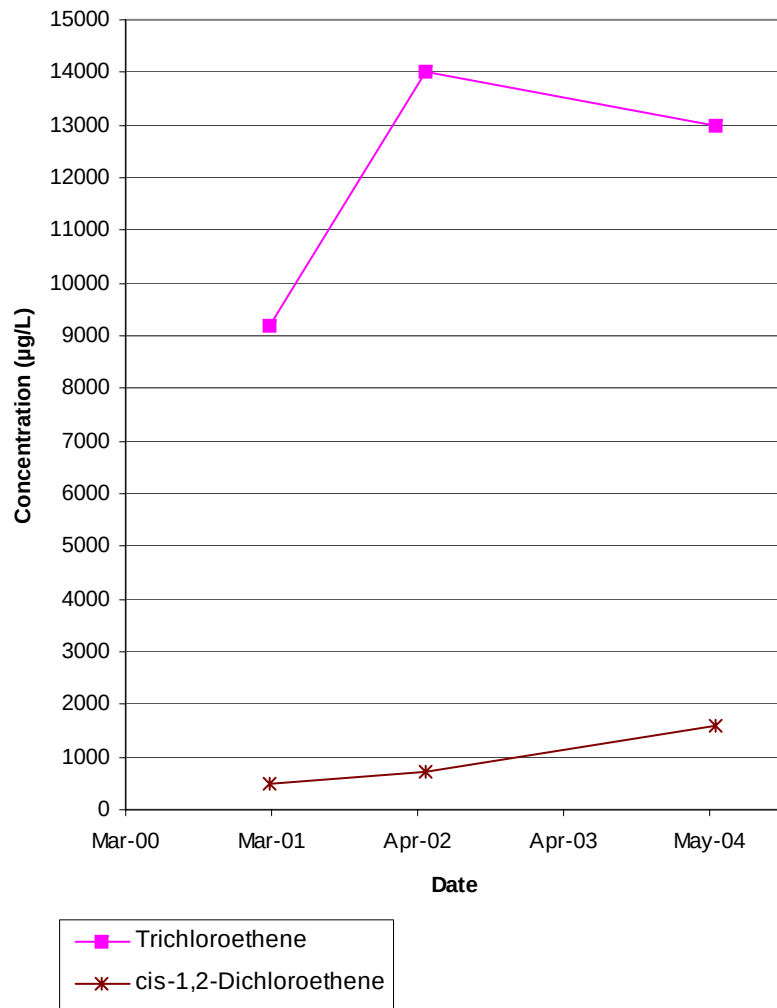
Source:

IT Corporation. 2002a. *Remedial Investigation Report Small Weapons Repair Shop, Parcel 66(7)*. May.

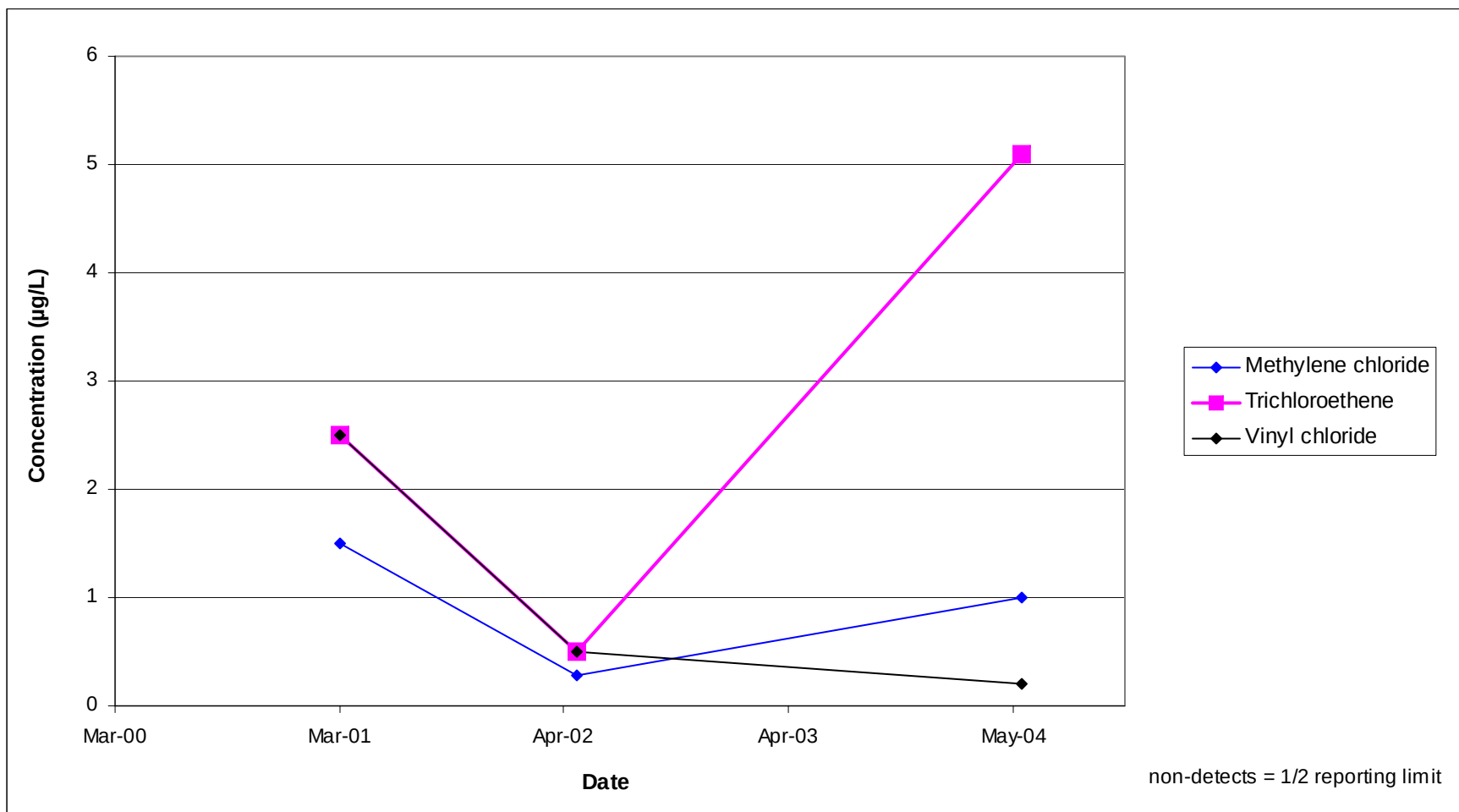
IT Corporation. 2002b. *Focused Feasibility Study Small Weapons Repair Shop, Parcel 66(7)*. November.



**Figure F1: Volatile Concentrations in Residium Well
PPMP-66-MW02
Training Area T-6, Parcel 183(6) and
Cane Creek Training Area
McClellan, Anniston, Alabama**



**Figure F2: Volatile Concentrations in Residium Well
PPMP-66-MW06
Training Area T-6, Parcel 183(6) and
Cane Creek Training Area
McClellan, Anniston, Alabama**



**Figure F3: Volatile Concentrations in Bedrock Well
PPMP-66-MW12
Training Area T-6, Parcel 183(6) and
Cane Creek Training Area
McClellan, Anniston, Alabama**