

**APPENDIX A**  
**TABLE 3 - MEDIUM-SPECIFIC CONCENTRATIONS (MSCs) FOR ORGANIC REGULATED SUBSTANCES IN SOIL**  
**B. Soil to Groundwater Numeric Values<sup>1</sup>**  
**UPDATED NUMERIC VALUES for CHANGES TO MCLs and HALS**

REGULATED SUBSTANCE	CASRN	Used Aquifers								Non-Use Aquifers				Soil Buffer Distance (feet)
		TDS ≤ 2500				TDS > 2500				Residential		Non-Residential		
		Residential		Non-Residential		Residential		Non-Residential		Residential		Non-Residential		
		100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	
[METHYL CHLORIDE]	[74-87-3]	[3]	[0.38] [ E ]	[3]	[0.38] [ E ]	[300]	[38] [ E ]	[300]	[38] [ E ]	[300]	[38] [ E ]	[300]	[38] [ E ]	[NA]
MONOCHLOROACETIC ACID	79-11-8	[7] <u>6</u>	[0.78] <u>0.67</u> [ E ]	[7] <u>6</u>	[0.78] <u>0.67</u> [ E ]	[700] <u>600</u>	[78] <u>67</u> [ E ]	[700] <u>600</u>	[78] <u>67</u> [ E ]	[7] <u>6</u>	[0.78] <u>0.67</u> [ E ]	[7] <u>6</u>	[0.78] <u>0.67</u> [ E ]	NA
[TRICHLOROPROPANE, 1,2,3-]	[96-18-4]	[4]	[3.2] [ E ]	[4]	[3.2] [ E ]	[400]	[320] [ E ]	[400]	[320] [ E ]	[400]	[320] [ E ]	[400]	[320] [ E ]	[NA]

Brackets ( [ ] ) indicate deletions

Underline indicates additions

<sup>1</sup> For other options see Section 250.308

All concentrations in mg/kg

E - Number calculated by the soil to groundwater equation in Section 250.308

C - Cap

NA - The soil buffer distance option is not available for this substance