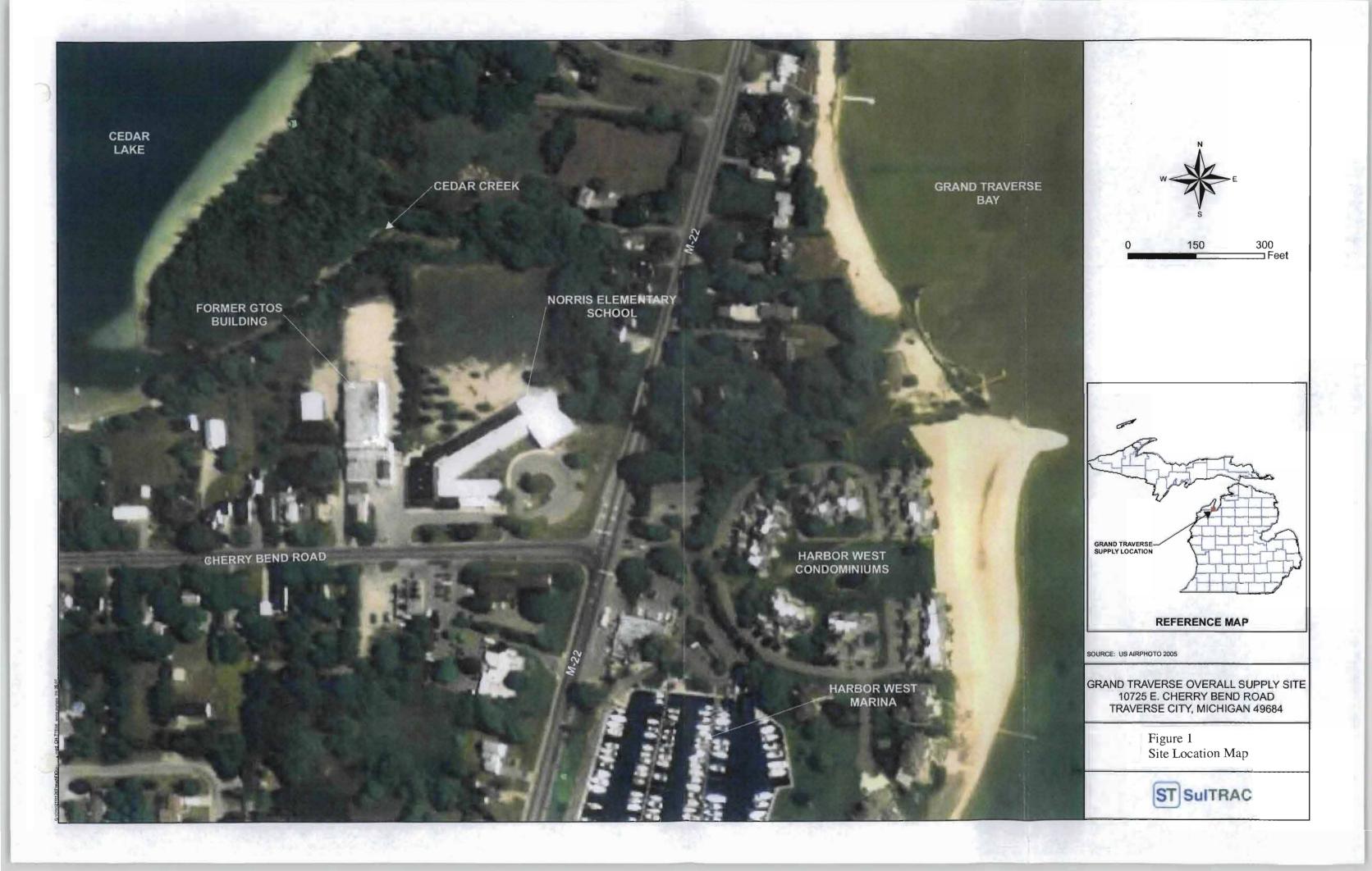
APPENDIX A







Grand Traverse Overall Supply Greilickville, Leelanau County, Michigan Decision Matrix for Norris Elementary School Air Sampling ATSDR and MDCH Recommendations 3/24/05

Indoor Air Samples ^a		
	Screening Value	Immediate Action Value
	(ppb)	(ppb) ^b
PCE	6.2	40°
TCE	2.6	100
1,1-DCE	0.12	20
1,2-DCE (cis)	9.1	200
1,2-DCE (trans)	18.4	200
VC	2.2	30

Sub-Slab Samples ^d		
	Screening Value	
	(ppb)	
PCE	62	
TCE	26	
1,1-DCE	1.2	
1,2-DCE (cis)	91	
1,2-DCE (trans)	184	
VC	22	

- a) The immediate action values are based on ATSDR intermediate MRLs, while the screening values are based on MDEQ chronic risk guidelines.
- b) Consideration will be made for immediate action decisions based on concentrations of mixtures when several of the chemicals of concern approach but do not exceed any individual immediate action value.
- c) ATSDR has no intermediate MRL value for PCE; ATSDR's chronic MRL for PCE that is based on a non-cancer endpoint is used instead.
- d) Sub-slab monitoring values are derived by incorporating a ten-fold factor to the indoor air screening values to reflect attenuation from sub-slab to indoor air (reference: EPA-OSWER, 2002: Draft Guidance for Evaluating the Vapor Intrusion to Indoor Air Pathway from Groundwater and Soils (Subsurface Vapor Intrusion Guidance), Appendix F).

Grand Traverse Overall Supply Greilickville, Leelanau County, Michigan Decision Tree for Norris Elementary School Air Sampling ATSDR and MDCH Recommendations 3/24/05

