

1Tier 1 EAL SURFER SUMMARY REPORT				
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	Hawai'i DOH (Summer 2016, rev Nov 2016)			
			Site Name:	
			Site Address:	
			Site ID Number:	
			Date of EAL Search:	
		Selected Site Scenario		
	Land Use:		Commercial/ Industrial Only	
Groundwater Utility:		Nondrinking Water Resource		Distance To Nearest Surface Water Body:
	>150m			
Selected Chemical of Concern:	METHYL ETHYL KETONE			
				Input Site Concentration s
			Soil (mg/kg):	10
	Groundwater (ug/L):	5300		
				Soil Vapor (ug/m3):
250000				
	Soil Environmental Hazards			Units
Tier 1 Action Level	2Potential Hazard?	3Referenced Table		
			Direct Exposure:	mg/kg
2.8E+04	No	Table I-2		
			Vapor Emissions To Indoor Air:	mg/kg
1.6E+04	No	Table C-1b		
			Terrestrial Ecotoxicity:	mg/kg
site-specific	No	Table L		
			Gross Contamination :	mg/kg
1.0E+03	No	Table F-2		

			Leaching (threat to groundwater):	mg/kg
5.5E+01	No	Table E-1		
			Background:	mg/kg
-				
			Final Soil Tier 1 EAL:	mg/kg
5.5E+01				
				Basis:
Leaching				
	Groundwater Environmental Hazards			Units
Tier 1 Action Level	2Potential Hazard?	3Referenced Table		
			Drinking Water (Toxicity):	ug/L
-	-	Table D-1d		
			Vapor Emissions To Indoor Air:	ug/L
2.2E+08	No	Table C-1a		
			Aquatic Ecotoxicity:	ug/L
2.0E+05	No	Table D-4a		
			Gross Contamination :	ug/L
5.0E+04	No	Table G-2		
			Final Groundwater Tier 1 EAL:	ug/L
5.0E+04				
				Basis:
Gross Contamination				
	Other Tier 1 EALs:			Units
EAL	2Potential Hazard?	3Referenced Table		
		Shallow Soil Vapor:	ug/m3	1.8E+07
No	Table C-2			
	Indoor Air:	ug/m3	4.4E+03	-
Table C-3			Notes:	

1. Include Surfer Summary Report in appendices of Environmental Hazard Evaluation (EHE) for contaminants that exceed Tier 1 EALs (refer to Chapter 3 of main text).				
		2. Environmental hazard could exist if concentration of contaminant exceeds action level.		
				3. Referenced tables presented in Appendix 1 of EHE guidance document.
			Reference: HDOH 2016, Evaluation of Environmental Hazards at Sites with Contaminated Soil and Groundwater (Summer 2016): Hawai'i Department of Health, Hazard Evaluation and Emergency Response, http://hawaii.gov/health/environmental/hazard/index.html	