

Table 2
Summary of Groundwater Analytical Results
 IB Property, Bay City, Mi
 AKT Peerless Project Number 3522F-2-20

Sample Identification and Date		IB-MW-01D	IB-MW-02	IB-MW-05	IB-MW-06	IB-MW-07	IB-MW-08	IB-MW-10	IB-MW-11	IB-MW-14	ETG-MW-1D	ETG-MW-2S	ETG-MW-5	ETG-MW-18	ETG-MW-19	MDEQ Generic Residential Drinking Water Protection Criteria α	MDEQ Generic Residential Groundwater Volatilization to Indoor Air Inhalation Criteria	Groundwater Contact Criteria
Gasoline Parameters ($\mu\text{g}/\text{kg}$)	CAS#																	
Benzene	71432	ND	ND	ND	ND	ND	ND	ND	ND	8.3	2800	ND	24	ND	ND	5	5,600	11,000
1,2-Dichloroethane	107062	ND	ND	ND	ND	ND	ND	ND	ND	ND	24	ND	ND	ND	ND	5	9,600	19,000
Other VOCs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Michigan Metals ($\mu\text{g}/\text{kg}$)	CAS#																	
Cadmium	7440439	ND	ND	6	ND	ND	ND	ND	ND	400	ND	ND	ND	ND	ND	5	NLV	190,000
Chromium (total)	18540229	ND	ND	ND	ND	ND	ND	ND	ND	420	ND	ND	ND	ND	ND	100	NLV	460,000
Lead	7439921	26	13	17	18	10	10	17	10	440	ND	ND	ND	ND	ND	4	NLV	ID
Cyanide	57125	ND	ND	ND	ND	ND	BD	ND	ND	550	670	ND	900	ND	ND	200	NLV	57,000
Silver	7440224	ND	ND	ND	ND	ND	ND	ND	ND	460	ND	ND	ND	ND	ND	34	NLV	1,500,000
PNAs and PCBs ($\mu\text{g}/\text{kg}$)	CAS#																	
Phenanthrene	85018	ND	ND	ND	ND	ND	36	ND	ND	ND	ND	42	ND	29	61	52	1,000	1,000
Benzo(a)pyrene	50328	ND	ND	ND	ND	ND	72	ND	ND	ND	ND	ND	ND	ND	ND	5	NLV	5
Benzo(a)anthracene	56553	ND	ND	ND	ND	ND	31	ND	ND	ND	ND	ND	ND	ND	ND	2	NLV	9
Benzo(b)fluoranthene	205992	ND	ND	ND	ND	ND	18	ND	ND	ND	ND	ND	ND	ND	ND	2	NLV	2
Benzo(k)fluoranthene	207089	ND	ND	ND	ND	ND	26	ND	ND	ND	ND	ND	ND	ND	ND	5	NLV	5
Other PNAs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Note:

($\mu\text{g}/\text{kg}$) - Micrograms per kilogram

"<" - Less than the laboratory method detection limit

NA - Not analyzed

ND - Not detected above laboratory method detection limits

NLV - Not likely to volatilize

ID - Inadequate data to develop criteria

IP - Development in process

NLL - Not likely to leach

NA - Not available

α - MDEQ Operational Memorandum #18: Part 201 Generic Cleanup Criteria and Screening Levels, June 7, 2000

β - MDEQ Operational Memorandum #4: Part 213 Tier I Risk-Based Screening Levels (RBSLs), June 2000

bold - concentration exceeds MDEQ Criteria