

**Table 1**  
**Summary of Soil Analytical Results ADL**  
 Fisher Bros , Bay City, Mi  
 AKT Peerless Project Number 3522F-2-20

Sample Identification and Date		MW-BA-01 (2.5-4.4)	MW-BA-01 (10-12)	MW-BA-02 (2-4)	MW-BA-02 (18-21)	MW-BA-03 (2-4)	MW-BA-03 (10-12)	SB-BA-03 (2-4)	SB-BA-04 (2-4)	SB-BA-04 (21.5-23.5)	SB-BA-05 (8-10)	SB-BA-06 (17-19)	SB-BA-07 (2-4)	SB-BA-07 (10-12)	MDEQ Generic Residential Drinking Water Protection Criteria $\alpha$	MDEQ Generic Residential Groundwater Surface Water Interface Protection Criteria	MDEQ Generic Residential Soil Direct Contact Criteria $\alpha$	MDEQ Generic Residential Soil Volatilization to Ambient Air Inhalation Criteria $\alpha$	MDEQ Generic Residential Soil Volatilization to Indoor Air Inhalation Criteria $\alpha$	
<b>Gasoline Parameters (µg/kg)</b>	<b>CAS#</b>																			
Acetone	67641	ND	ND	ND	ND	ND	ND	ND	100	ND	100	ND	ND	ND	15,000	34,000	23,000,000	130,000,000	110,000,000	
1,2-Dichloroethane	107062	ND	ND	ND	ND	<b>630</b>	60	<b>630</b>	ND	ND	ND	ND	ND	ND	<b>100</b>	7,200	91,000	6,200	2,100	
Methylene chloride	75092	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	10	40	ND	100	19,000	1,300,000	210,000	45,000	
Toluene	108883	ND	ND	ND	ND	120	ND	120	ND	ND	ND	ND	ND	ND	16,000	2,800	250,000	2,800,000	250,000	
Trichloroethylene	79016	ND	ND	ND	ND	<b>510</b>	50	<b>510</b>	ND	ND	ND	ND	ND	ND	<b>100</b>	4,000	500,000	78,000	7,100	
Other VOCs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Michigan Metals (µg/kg)</b>	<b>CAS#</b>																			
Arsenic	7440382	ND	ND	NA	NA	ND	ND	NA	NA	NA	NA	NA	NA	6,000	3,000	23,000	70,000	7,600	NLV	NLV
Barium	7440393	<b>35000</b>	<b>19000</b>	NA	NA	<b>46,000</b>	<b>39,000</b>	NA	NA	NA	NA	NA	NA	<b>40,000</b>	<b>11,000</b>	1,300,000	<b>1,900</b>	37,000,000	NLV	NLV
Cadmium	7440439	ND	ND	NA	NA	ND	300	NA	NA	NA	NA	NA	NA	800	200	6,000	G	550,000	NLV	NLV
Chromium (total)	18540229	7,000	4,000	NA	NA	9000	8,000	NA	NA	NA	NA	NA	NA	6,000	3,000	30,000	G	2,500,000	NLV	NLV
Copper	7440508	7000	4000	NA	NA	11,000	16,000	NA	NA	NA	NA	NA	NA	150,000	7,000	5,800,000	G	20,000,000	NLV	NLV
Lead	7439921	10000	ND	NA	NA	12,000	36,000	NA	NA	NA	NA	NA	NA	55,000	7,000	700,000	G	400,000	NLV	NLV
Mercury (inorganic)	7439976	ND	ND	NA	NA	300	600	NA	NA	NA	NA	NA	NA	100	ND	1,700	100	160,000	NLV	NLV
Selenium	7782492	<b>3000</b>	<b>1000</b>	NA	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND	ND	4,000	<b>400</b>	2,600,000	NLV	NLV
Silver	7440224	ND	ND	NA	NA	ND	ND	NA	NA	NA	NA	NA	NA	ND	ND	4,500	500	2,500,000	NLV	NLV
Zinc	7440666	24000	4000	NA	NA	24,000	54,000	NA	NA	NA	NA	NA	NA	55,000	17,000	2,400,000	G	170,000,000	NLV	NLV
<b>PNAs and PCBs (µg/kg)</b>	<b>CAS#</b>																			
Naphthalene	91203	NA	NA	ND	NA	ND	ND	NA	ND	NA	ND	ND	ND	ND	NA	35,000	870	16,000,000	300,000	250,000
4-Methylphenol	106445	NA	NA	ND	NA	ND	ND	NA	ND	NA	ND	ND	ND	ND	NA	7,400	1,400	11,000,000	NLV	NLV
Phenol	108952	NA	NA	ND	NA	ND	ND	NA	ND	NA	ND	ND	ND	NA	88,000	4,200	12,000,000	NLV	NLV	
TPH		NA	NA	40000	NA	50,000	20,000	NA	50,000	NA	<b>360,000</b>	40,000	<b>200,000</b>	NA	-	-	-	-	-	
Other PNAs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Note:

(µg/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

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

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

**bold** - concentration exceeds MDEQ Criteria