

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

Sample Identification and Date		MW-BA-01	MW-BA-02	MW-BA-03	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#						
Acetone	67641	100	ND	ND	730	100,000,000	31,000,000
Benzene	71432	4	ND	ND	5	5,600	11,000
Bromodichloromethane	75274	ND	1	ND	100	4,800	14,000
Chloroform	67663	ND	5	ND	100	28,000	150,000
Methylene chloride	75092	ND	1	2	5	220,000	220,000
Styrene	100425	1	ND	ND	100	170,000	9,700
Toluene	108883	6	ND	ND	790	530,000	530,000
Other VOCs	-	-	-	-	-	-	-
Michigan Metals ($\mu\text{g}/\text{kg}$)	CAS#						
Arsenic	7440382	ND	NA	11	50	NLV	4,300
Barium	7440393	650	NA	190	2,000	NLV	14,000,000
Cadmium	7440439	ND	NA	ND	5	NLV	190,000
Chromium (total)	18540229	31	NA	23	100	NLV	460,000
Copper	7440508	44	NA	55	1,000	NLV	7,400,000
Lead	7439921	ND	NA	24	4	NLV	ID
Mercury (inorganic)	7439976	0.7	NA	4	2	NLV	56
Selenium	7782492	ND	NA	ND	50	NLV	970,000
Zinc	7440666	ND	NA	ND	2,400	NLV	110,000,000
Silver	7440224	170	NA	350	34	NLV	1,500,000
PNAs and PCBs ($\mu\text{g}/\text{kg}$)	CAS#						
Naphthalene	91203	1100	NA	NA	520	31,000	31,000
4-Methylphenol	106445	20	NA	NA	370	NLV	810,000
Phenol	108952	30	NA	NA	4,400	NLV	2,900,000
TPH		ND	NA	NA	-	-	-
Other PNAs	-	-	NA	NA	-	-	-

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