

Table 3
Summary of Soil Analytical Results WESTON
 Fisher Bros , Bay City, Mi
 AKT Peerless Project Number 3522F-2-20

Sample Identification and Date		CS-SB-30 (10-14)	CS-BS-33 (6-10)	CS-BS-34 (6-8)	CS-BS-35 (2-10)	CS-BS-36 (17-19)	MDEQ Generic Residential Drinking Water Protection Criteria α	MDEQ Generic Residential Groundwater Surface Water Interface Protection Criteria	MDEQ Generic Residential Soil Direct Contact Criteria α	MDEQ Generic Residential Soil Volatilization to Ambient Air Inhalation Criteria α	MDEQ Generic Residential Soil Volatilization to Indoor Air Inhalation Criteria α
Arsenic	7440382	15000	21000	4,900	11,000	7,600	23,000	70,000	7,600	NLV	NLV
Barium	7440393	54000	290000	13,000	43,000	14,000	1,300,000	1,900	37,000,000	NLV	NLV
Cadmium	7440439	2400	2200	80	1300	1000	6,000	G	550,000	NLV	NLV
Chromium (total)	18540229	16,000	12,000	ND	13,000	9000	30,000	G	2,500,000	NLV	NLV
Copper	7440508	28000	110000	3,000	20,000	6,000	5,800,000	G	20,000,000	NLV	NLV
Lead	7439921	42000	590000	6,000	37,000	8,000	700,000	G	400,000	NLV	NLV
Mercury (inorganic)	7439976	300	330	60	3,100	60	1,700	100	160,000	NLV	NLV
Selenium	7782492	ND	800	ND	ND	ND	4,000	400	2,600,000	NLV	NLV
Silver	7440224	1000	800	ND	ND	ND	4,500	500	2,500,000	NLV	NLV
Zinc	7440666	80000	440000	140,000	70,000	16,000	2,400,000	G	170,000,000	NLV	NLV

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