HEAVY METALS

NYSDEC TAGM and TCLP Regulatory Levels

May 2002

		SOIL SAMPLE RESULTS				
COMPOUND	TCLP CRITERIA (mg/kg)	Soil Sample 1 (ppm)	Soil Sample 2 (ppm)	Soil Sample 3 (ppm)	Soil Sample 4 (ppm)	Soil Sample 5 (ppm)
Arsenic	***100***	0.028	0.028	0.028	0.028	0.028
Barium	***2,000***	0.779	1.11	0.841	0.741	0.512
Cadmium	***20***	0.004	0.004	0.019	0.004	0.004
Chromium	***100***	0.0094	0.0076	0.0773	0.006	0.040
Lead	***100***	0.021	0.021	0.96	0.021	0.021
Mercury	***4***	0.002	0.002	0.002	0.002	0.002
Selenium	***20***	0.03	0.03	0.03	0.03	0.03
Silver	***100***	0.01	0.01	0.01	0.01	0.01

Bold # and shaded box - Soil sample results exceed TCLP regulatory levels.
TCLP - Toxicity Characteristic Leaching Procedure
ppm - part per million
mg/kg - miligram per kilogram

* Soil samples were taken on May 17, 2002.
Soil sample locations/identification: sample 1 - SW corner, sample 2 - SE corner, sample 3 - NW corner, sample 4 - NE corner
sample 5 - Pier 25

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