

## LSACQ SAMPLING AND TESTING PROTOCOL

Category I: Soils from other licensed quarry/mines or from sites with undisturbed geological formations which are not suspected to have been impacted by discharges from on or offsite; Soils obtained from undeveloped land previously used for agricultural, passive recreation, etc. with no significant paved parking facilities or significant historic development; or soils from previously undeveloped portions of residential or commercial sites.

Category II: Soils obtained from non-industrial commercial sites, residential developments, etc. with no history of environmental impacts. This includes sites where the environmental history is related only to the use of heating oil for on-site consumption.

Category III: Soils obtained from areas which were previously developed, including historic areas, former industrial or commercial sites or portions of sites which are not known to be contaminated, urban re-development sites, etc. with either no history of environmental issues or from uncontaminated areas of sites which received a No Further Action (NFA) approval from NJDEP, a Response Action Outcome (RAO) from an LSRP, a certificate of completion from NYSDEC, or which are undergoing remediation under environmental oversight and have been documented with sufficient testing to meet this protocol.

### LSACQ Clean Soil Acceptance Sampling Frequency

Table 1				
Clean Soil Acceptance Sampling Frequency				
Volume (Cubic Yards)		Required Number of Samples		
		Category I	Category II	Category III
0	100	1	1	1
100.1	200	1	2	3
200.1	300	1	2	3
300.1	400	1	2	4
400.1	500	1	2	4
500.1	600	2	2	5
600.1	700	2	2	5
700.1	800	2	2	6
800.1	900	2	2	6
900.1	1,000	2	2	7
1000.1	2,000	3	3	8
2000.1	3,000	3	3	9
3000.1	4,000	4	4	10
4000.1	5,000	4	5	11
5000.1	6,000	4	6	12
6000.1	7,000	5	7	13
7000.1	8,000	5	8	14
8000.1	9,000	5	9	15
9000.1	10,000	6	10	16
10000.1	11,000	6	11	17
11000.1	12,000	6	12	18
<b>Plus 1 sample per additional:</b>		<b>3,000 cy</b>	<b>2,000 cy</b>	<b>1,000 cy</b>

### LSACQ Required Analyses

**Analysis**

Category I Soils	TCL/TAL +30 (Volatile Organic Compounds, Semi-Volatile Organic Compounds, Pesticides, TAL Metals and PCBs) and Extractable Petroleum Hydrocarbons (EPH)
Category II Soils	TCL/TAL +30 (Volatile Organic Compounds, Semi-Volatile Organic Compounds, Pesticides, TAL Metals, and PCBs) and Extractable Petroleum Hydrocarbons (EPH)
Category III Soils	TCL/TAL +30 (Volatile Organic Compounds, Semi-Volatile Organic Compounds, Pesticides, TAL Metals and PCBs) and Extractable Petroleum Hydrocarbons (EPH)

**Required Soil Sample Collection Procedures**

The samples should be acquired by a trained technician or a qualified person in accordance with the *NJDEP Field Sampling Procedures Manual* (August 2005 and various updates) and analyzed in accordance with the N.J.A.C. 7:26E *Technical Requirements for Site Remediation (TRSR)*.