Table 5-9
Sample Quantitation Limits For Other Analytes[a]

Analyte	Method	Water	Sediment
Total Organic Carbon (TOC)	Lloyd Kahn (Sediment) 415.1 (Water)	2 mg/L	200 mg/kg
TEPH (DRO)	NJ-TPH-QAM 025-10/91[b]	1 mg/L	20 mg/kg
% Moisture	ASTM, D2974	NA	0.01%
Cesium-137	Gamma Spec	NA	0.1 pCi/g
Beryllium-7	Gamma Spec	NA	0.5 pCi/g
Lead-210	Beta Detection	NA	0.2 pCi/g
Grain Size	Laser Defractor	NA	0.02 um
Monobutyltin	STL SOP LM-GC-ALKYLTINS REV. 7[c]	0.05 ug/l	1.7 ug/kg
Dibutyltin	STL SOP LM-GC-ALKYLTINS REV. 7[c]	0.05 ug/l	1.7 ug/kg
Tributyltin	STL SOP LM-GC-ALKYLTINS REV. 7[c]	0.05 ug/l	1.7 ug/kg
Tetrabutyltin	STL SOP LM-GC-ALKYLTINS REV. 7[c]	0.05 ug/l	1.7 ug/kg

Notes:

a. Specific quantitation limits are highly matrix-dependent. The laboratory-derived MDL must be at least a factor of three less than the SQLs provided in this table. Quantitation limits listed for sediment are based on wet weight.
b. New Jersey Department of Environmental Protection Office of Quality Assurance Analytical Method OQA-QAM-025-10/97, Rev. 5.
c. STL, SOP No. LM-GC-ALKYLTINS REV.7, Standard Operating Procedure for Organotin Compounds.

% = Percent
mg/kg = milligrams per kilogram
mg/L = milligrams per liter
ug/kg = micrograms per kilogram
ug/l = micrograms per liter
um = micrometers
pCi/g = picoCuries per gram
NA = Not Applicable
ASTM = American Society for Testing and Materials