

ANALYTICAL PROGRAM SUMMARY

<u>PARAMETER</u>	<u>USEPA METHOD</u> ¹	<u>ML</u> ²	<u>HOLD TIME</u> ³
TCLP metals	1311	0.1 mg/l ⁴ (Hg-0.5 ug/l)	6 months 28 days
Total metals	3050A/6010 (except as noted)	mg/kg	6 months
arsenic	/7062	1	
barium		20	
cadmium		5	
chromium		10	
lead		10	
mercury	/7471A	0.1	28 days
selenium	/7471A	2	
silver		2	
pH	9045C	0.01 units	ASAP
Ignitability	1010	NA	14 days
Reactive Sulfide	7.3.4.2	50	ASAP
Reactive Cyanide	7.3.3.2	25	ASAP
% moisture	CLP SOW	0.1%	ASAP
Asbestos	600/M4-82-020	No Fibers Detected	NA
TOX	3050/9020B	10	14 days
TCL PCB	8081	0.05	7 days to extraction 40 days, extraction to analysis
TCL SVOA	8270B	0.5	7 days to extraction 40 days, extraction to analysis
TCL VOA	8260A	0.01	14 days
CRS Halocarbons	8260A	0.01	14 days

Summary of Acronyms:

NA	=	Not applicable
PCB	=	Polychlorinated Biphenyls
SVOA	=	Semivolatile Organic Analytes
VOA	=	Volatile Organic Analytes
TOX	=	Total Organic Halogen
CLP SOW	=	Contract Laboratory Program Statement of Work
TCLP	=	Toxicity Characteristic Leaching Procedure

NOTES:

1. Methods are derived from USEPA Test Methods for Evaluating Solid Waste, SW-846, Third Edition, November 1986; Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, March 1983, and the Contract Laboratory Program Statement of Work. Equivalent analytical methods may be substituted with CRS approval, e.g., AA for ICP.
2. Minimum Levels (ML) have been defined by USEPA as 3.18 times the method detection limit and, therefore, may vary between laboratories. The ML presented above represent approximately 5 times the published method detection limit or a value that has been demonstrated in this matrix. All participating laboratories will be required to achieve and document ML's at or below the values given above prior to acceptance by CRS.
3. Time from composite sample preparation to extraction and/or analysis.
4. CRS may require the analysis of vanadium in the TCLP Extract. The preparation and analysis for this parameter is to be in accordance with methods 3050/6010.