Sample	Sample type	Sampling protocol	Method of Preparation	Method of Analysis
Water	Surface Water	APHA Method 3010B:	As per EPA method 1631E: Digestion was	EPA Method 1631E:
	Ground water	Samples were collected and stored in Polypropylene bottles which have	conducted with conc. Hydrochloric acid	Mercury in Water by Oxidation, Purge and
	Wastewater	been previously washed and soaked	(Trace metal analysis grade) on the day of	Trap, and Cold Vapor
	Effluent	overnight in 2% HNO ₃ , as per	collection	Atomic Fluorescence
	Leachate	requirements for metal analysis.		Spectrometry.
	(landfill)	Samples were digested on the same		Analysis was done on
		day of collection as per Method EPA		PSA Millenium under
		1631E and analysed within 2 days.		the millennium
	Coal ash	Grab samples of Coal ash were	BS EN 12457-1:2002:	merlin mode which
	leachate	collected and stored in	Characterization of waste – Leaching –	detects down to 0.1
		Polypropylene bottles, previously	Compliance Test for leaching of granular	ppb of mercury in
		washed and soaked overnight in 2%	waste materials and sludges	water samples.
		HNO ₃ , as per requirements for metal	Part 1: one stage batch test at a liquid to	
		analysis. Process for leachate	solid ratio of 2L/Kg for materials with high	
		preparation was started on the day	solid content and with particle size below 4	
		of collection.	mm (without or with size reduction)	