

OCEAN BOTTOM SEDIMENT							
	Collection Date:		10-19-2022	10-19-2022	10-19-2022	10-19-2022	10-3-2022
	Reporting Level (pCi/g)	Lower Limit of Detection (pCi/g)	INDICATOR LOCATIONS (pCi/g)				CONTROL LOCATION (pCi/g)
Isotope	RL¹	LLD²	SEB 02	SEB 03	SEB 04	SEB 06	SEB 05
Cs-134	N/A ³	0.15	<LLD	<LLD	<LLD	<LLD	<LLD
Cs-137	N/A ³	0.18	<LLD	<LLD	<LLD	<LLD	<LLD

Sampling and Collection Frequency: Once per 6 months

Type and Frequency of Analysis: Gamma isotopic analysis of each sample

Notes	
1.	The Nuclear Regulatory Commission (NRC) sets Reporting Levels (RL) for various environmental sampling media ³ . If radioactivity exceeds the RL, SCE shall prepare and submit to the NRC within 30 days a special report that identifies the causes for exceeding the limits.
2.	The Lower Limit of Detection (LLD) relates to the method used for the analysis. It is a measure of the detection capability for the analytical method and not for any single sample analysis. The LLD ensures that radiation measurements are sufficiently sensitive to detect any levels of concern and small changes in the environment.
3.	The NRC has not established a RL for Cs-134/Cs-137 for Ocean Bottom Sediment.