

SHORELINE SEDIMENT								
Collection Date:		9-8-2022	9-8-2022	9-26-2022	9-27-2022	9-27-2022	9-8-2022	
Isotope	Reporting Level (pCi/g)	Lower Limit of Detection (pCi/g)	INDICATOR LOCATIONS (pCi/g)					CONTROL LOCATION (pCi/g)
Isotope	RL ¹	LLD ²	SSA 01	SSA 02	SSA 03	SSA 53	SSA 54	SSA 04
Cs-134	N/A ³	0.15	<LLD	<LLD	<LLD	<LLD	<LLD	<LLD
Cs-137	N/A ³	0.18	<LLD	<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 Shoreline Sediment.