

The diagram illustrates the experimental design for four groups: Tide Pool 1 (S1), Tide Pool 2 (S2), Nearshore (N), and Field Blank. Each group has three replicates. The progression of samples is shown by colored boxes: yellow (initial), light green, green, teal, light blue, dark blue, and purple (final).

Group	Replicate	Initial	Light Green	Green	Teal	Light Blue	Dark Blue	Purple
Tide Pool 1 (S1)	1	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	2	Yes	No	No	Yes	No	No	Yes
	3	Yes	No	No	Yes	No	No	Yes
Tide Pool 2 (S2)	1	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	2	Yes	No	No	Yes	No	No	Yes
	3	Yes	No	No	Yes	No	No	Yes
Nearshore (N)	1	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	2	Yes	No	No	Yes	No	No	Yes
	3	Yes	No	No	Yes	No	No	Yes
Field Blank	1	Yes	No	No	No	No	No	Yes