

The diagram illustrates the experimental design for four groups, each with three replicates. The groups are: Tide Pool 1 (S1), Tide Pool 2 (S2), Nearshore (N), and Field Blank. The samples are processed through a series of steps, color-coded by group: yellow for Tide Pool 1, light green for Tide Pool 2, light blue for Nearshore, and light purple for Field Blank.

- Tide Pool 1 (S1):** 3 replicates. Samples are processed through a series of steps, including a final step in a light purple box.
- Tide Pool 2 (S2):** 3 replicates. Samples are processed through a series of steps, including a final step in a light purple box.
- Nearshore (N):** 3 replicates. Samples are processed through a series of steps, including a final step in a light purple box.
- Field Blank:** 1 replicate. Sample is processed through a series of steps, including a final step in a light purple box.