

Table SM2: Summary of the sampling methodology, with the locations sampled ("Sites"), the date of each sampling ("Date"), whether the sampling was done during the low (LT) or high (HT) tide and whether the parameters measured ("Measures") were all (ALL) or only the pH (pH).

Sites	Date	Tide	N°	Measures
Playa del Faro	mar-18	LT	23	All
Playa del Faro	dec-18	HT	17	All
Playa del Faro	dec-18	LT	19	All
Playa del Faro	jun-19	HT	11	pH
Playa del Faro	jun-19	LT	11	pH
Los Porretos	mar-18	LT	5	All
Los Porretos	dec-18	LT	14	All
Los Porretos	dec-18	HT	10	All
Echentive lagoon 1	mar-18	LT	8	All
Echentive lagoon 1	dec-18	LT	10	All
Echentive lagoon 1	dec-18	HT	10	All
Echentive lagoon 1	jun-19	LT	6	pH
Echentive lagoon 2	dec-18	LT	6	pH
Echentive lagoon 2	dec-18	HT	6	pH

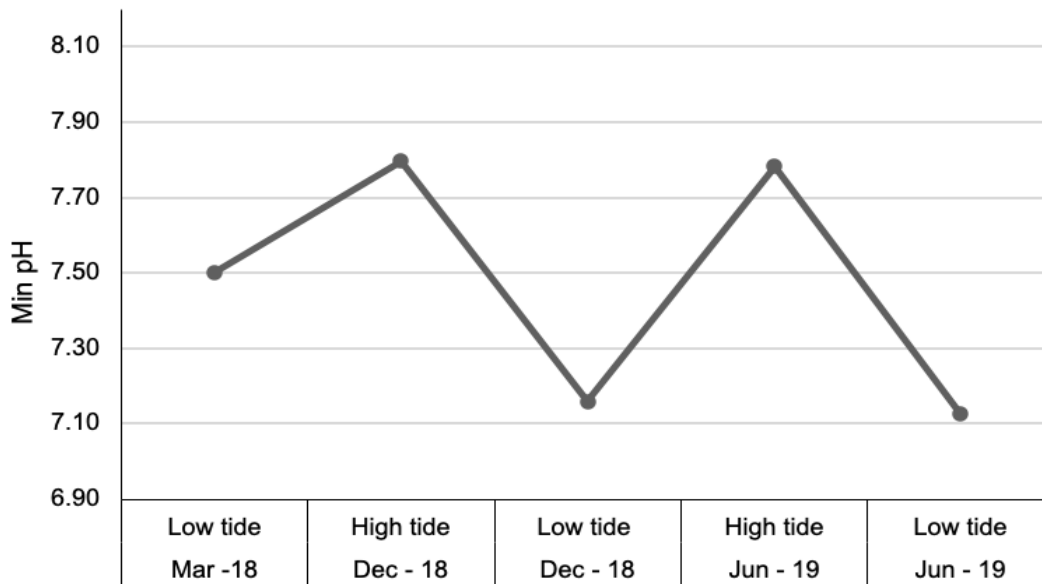


Figure SM2: Line graph representing the tidal fluctuation of the minimum pH values (Min pH) at Playa del Faro, during March 2018 (Mar-18), December 2018 (Dec-18) and June 2019 (Jun-19).