



**Dam Kings
Beach**

DKB-TOR-003 · REVISION A

Independent Baseline Study of Salt Runoff

Draft Terms of Reference

DRAFT FOR COMMENT

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Document control

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A	8 September 2026	Draft released for comment

1. Background

Dam Kings Beach has estimated, on a desktop basis, that in the order of 800 to 850 tonnes of salt per year may be moving from Kings Beach into the ocean (DKB-TN-001). This figure has not been independently verified. Establishing an accurate baseline is the first of the next steps identified in the Community Summary Document.

2. Objectives

1. Measure the quantity of salt held in the sand at Kings Beach.
2. Measure the rate at which salt moves from the beach into the ocean under tidal, rainfall and foot traffic conditions.
3. Produce an independent, peer-reviewable estimate of annual salt transfer, with stated uncertainty.

3. Scope

The study is expected to include, at a minimum:

- pore water salinity sampling across the beach at a range of depths and positions;
- monitoring over at least twelve months, covering seasonal and storm conditions;
- measurement of tidal exchange through the beach;
- a review of relevant published literature;
- a comparison with the assumptions in DKB-TN-001.

4. Independence

The study will be undertaken by a suitably qualified party independent of Dam Kings Beach and its partners. Dam Kings Beach will not review or approve findings before publication. Partners, including Cham's Small Meats & Preservatives, will have no role in the study.

5. Deliverables

Deliverable	Indicative timing
Sampling and analysis plan	Within two months of engagement
Interim data report	Six months
Final report and data set	Fifteen months

All data and the final report will be published on damkingsbeach.org.

6. Funding

Commencement of the study is subject to funding. Dam Kings Beach is seeking funding for the study from government and private sector sources.

7. Comments

Comments on these draft Terms of Reference are welcome through the contact form at damkingsbeach.org or by email to info@damkingsbeach.org.

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