



**Dam Kings
Beach**

DKB-MON-004 · REVISION A

Salinity Monitoring Framework

Including the Volunteer Salt Monitoring Officer program

DRAFT FOR CONSULTATION

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Document control

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A	29 September 2026	Draft released for consultation

1. Purpose

This framework describes how salt runoff at Kings Beach will be monitored, now and following construction of the proposed containment structure, and how monitoring data will be made public.

2. Monitoring components

Component	Description	Status
Volunteer observation program	Regular structured observations by trained Volunteer Salt Monitoring Officers	Recruiting
Independent baseline study	Measured pore water salinity and salt transfer (DKB-TOR-003)	Subject to funding
Salinity monitoring station	Continuous monitoring station mounted on the containment wall	Proposed

3. Volunteer Salt Monitoring Officers

Volunteer Salt Monitoring Officers will record observations at Kings Beach on a fortnightly roster. Observations are qualitative and are intended to build community familiarity with the beach and support the baseline study. They are not a substitute for scientific measurement.

3.1 Observations recorded

- date, time and tide state;
- weather and recent rainfall;
- approximate number of beach users;
- visible salt on the sand surface (none / light / moderate / heavy);
- photographs from fixed photo points.

3.2 Training and safety

All officers will complete an induction covering observation methods, beach safety and the use of the data sheet. Observations are not to be undertaken in unsafe conditions.

4. Data publication

Data from all components will be published on damkingsbeach.org. Data from the proposed monitoring station will be made publicly available.

Appendix A – Observation data sheet

Date	Time	Tide	Weather	Beach users (approx.)	Visible salt	Initials

Visible salt: N = none, L = light, M = moderate, H = heavy. Return completed sheets to your program coordinator.

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