

Information Request Form Crystal Springs Lagoon Project

**Information Request
Number:**

CEC-1

Submitted by:

Clean Environment Commission

Date Submitted:

March 6, 2026

Subject Matter:

Operation Discharge Criteria and Contingency Planning

Reference document:

N/A

Request:

The EAP and Notice of Alteration describe the lagoon configuration, storage volumes, and the intended trickle discharge approach. However, the operational decision framework governing discharge timing and contingency measures is not clearly defined in the record. Clarification of these operational procedures will assist in understanding how the proposed discharge approach will be implemented under varying receiving water conditions.

To support the review, the Proponent is requested to provide:

1. Discharge Initiation Criteria

a) A description of the operational criteria used to determine when lagoon discharge may proceed, including:

- Seasonal timing assumptions
- Required receiving water conditions
- Effluent quality confirmation prior to discharge

b) Confirmation whether lagoon discharge is governed by fixed seasonal windows or may be adapted to real-time receiving water conditions.

2. Receiving Water Conditions and Deferral Provisions

a) The receiving water flow metric, hydraulic condition, or operational benchmark(s) used (if any) to confirm discharge suitability.

b) The procedure to be followed if receiving water conditions during the anticipated discharge period differ from those assumed in the EAP for discharge, including circumstances such as atypically low flow, elevated water levels, or backwater conditions.

c) The maximum duration discharge can be deferred using available lagoon storage volumes.

3. Contingency Measures

A description of the contingency actions available should discharge be required but receiving water conditions are unsuitable, including any alternative management measures, supplemental treatment (if contemplated), temporary storage, hauling provisions, or other operational controls, and any associated regulatory notification procedures.