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| **Docket Number:** | 24-OPT-03 |
| **Project Title:** | Soda Mountain Solar |
| **TN #:** | 269005 |
| **Document Title:** | Applicant Response to CEC Email dated March 9, 2026 |
| **Description:** | This document contains responses to a CEC email dated March 9, 2026. |
| **Filer:** | Hannah Arkin |
| **Organization:** | Resolution Environmental |
| **Submitter Role:** | Applicant Representative |
| **Submission Date:** | 3/11/2026 2:11:53 PM |
| **Docketed Date:** | 3/11/2026 |

Outlook

**[Draft] Fw: Soda Mt. Hydrology**

**From** hannah@resolutionenvironmental.com
**Draft saved** Wed 3/11/2026 8:10 AM

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**From:** Jessica Canales <Jessica@trwengineering.com>
**Sent:** Tuesday, March 10, 2026 12:33 PM
**To:** Hannah Arkin <hannah@resolutionenvironmental.com>
**Cc:** Natascha McKenzie <Natascha@trwengineering.com>; Tory Walker <Tory@trwengineering.com>
**Subject:** Re: Soda Mt. Hydrology

Good afternoon Hannah,

In direct response to the questions posed below,

1. The runoff coefficient is calculated according the San Bernadino County Hydrology Manual within AES based on the:
    a. Rainfall intensity at the calculated time of concentration
    b. Percent pervious and impervious within the drainage area
    c. Infiltration rate for the pervious area

    This calculation was performed within the AES software, and the output is included in the Attachment 2 of the Drainage Report. The equation for the runoff coefficient was added to the drainage report for reference, as well as a table summarizing the related land use inputs into AES. The resulting runoff is conservative, and will be further revised during final engineering.

2. The soil map was produced using data downloaded directly from the USDA Web Soil Survey. A clarifying statement has been added to the report.

Let me know if that clarifies everything, or if there are follow-up questions.
Thank you,

**Jessica Canales, EIT, CFM**

Engineer II

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**From:** Chang, Kaycee@Energy <kaycee.chang@energy.ca.gov>
**Sent:** Monday, March 9, 2026 10:19 AM
**To:** Hannah Arkin <hannah@resolutionenvironmental.com>
**Subject:** Re: Soda Mt. Hydrology

Hi Hannah,

Gotcha, thank you for the clarification. I checked with the team and here are the questions:

1. The runoff coefficient (C) was not provided in the Rational Method calculations. Based on the reported values, a coefficient of approximately 0.85 was back-calculated, which is higher than expected for a highly pervious Soil Group A area. Please clarify the C-value that was used in the calculations.
2. There is an inconsistency between the current and previous soil analyses. TRWE classified the entire site as Type A soils, while the earlier SWCA analysis identified both Type A and Type B soils using data from the Soil Watershed Study, the 2009 Jurisdictional Determination Report by URS, and NRCS sources. Please provide the source of TRWE's soil classification to address this discrepancy.

Thank you,
Kaycee

**Kaycee Chang (she, her, hers)**
Supervisor
Siting, Transmission, and Environmental Protection Division
Book time to meet with me