

BAAQMD CEQA GUIDELINES

Risk and Hazard Screening Analysis Process Flow Chart

The District's CEQA community risk and hazards screening tools are provided to help lead agencies determine whether further environmental review of a project is warranted. The screening tools are intentionally conservative, such that if a project passes the initial screen, no additional review related to the impact is necessary. The screening tools provide conservative estimates and are not based on Health Risk Screening Assessments. **If a project involves sensitive receptors, a site-specific health risk assessment should be conducted instead.** The screening tools are not intended to discourage infill development or affordable housing. If a project does not pass the initial screen, a more refined analysis should be conducted. Contact the District for additional guidance on the tools and for conducting a more refined screening analysis.

This flow chart outlines the District's recommended screening analysis process. The screening tools provide estimates for cancer risk, chronic hazard risk, and PM_{2.5} concentrations. For additional guidance on any of the steps refer to the [Recommended Methods for Screening and Modeling Local Risk and Hazards](#) or contact [District staff](#).

The following tools will be needed for the screening analysis and can be found on the [Health Risk Screening and Modeling page](#):

- **Stationary Source Screening Map**– GIS map of all the stationary sources permitted by the District with risk and hazard estimates (tool does not estimate acute hazards since the screening levels were found to be significantly below the thresholds).
- **Health Risk Calculator with Distance Multipliers**- estimates and refines screen-level cancer risk, a non-cancer health hazard index, and PM2.5 concentrations using emissions data from BAAQMD's permitting database. This tool should only be used for permitted facilities where screening-level risks have not already been calculated by the Air District. For gas dispensing facilities, please use the below tool.
- **California Air Resource Board Gas Station Risk Assessment Guidance and Tool**: A tool developed by CARB for assessing gas station risk and health impacts.

District staff will continue to update screening tables and technical support tools to reflect the best available data. Please contact District staff to report any errors or corrections in the District's tools.

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