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## B A S M A A

**Project:** Reasonable Assurance Analysis (RAA) Approach Support

**Description:** MRP provisions C.11.c. and C.12.c. required that the permittees:

- submit a quantitative relationship between green infrastructure (GI) implementation and mercury and PCBs load reductions; and
- submit an estimate of the amount and characteristics of land area that will be treated through GI implementation by 2020, 2030, and 2040 and the results of a peer-reviewed reasonable assurance analysis to demonstrate quantitatively that mercury load reductions of at least 10 kg/year and PCBs load reductions of at least 3 kg/year will be realized by 2040 through implementation of GI projects.

Each of these submittals needed to include all data, a full description of the models, and the model inputs. Additionally, MRP provisions C.11.d. and C.12.d. required permittees to prepare plans and schedules for mercury and PCBs control measure implementation and an RAA demonstrating that sufficient control measures will be implemented to attain the mercury TMDL wasteload allocations by 2028 and the PCBs TMDL wasteload allocations by 2030.

The purpose of this project was to support development of a regional framework and guidance for conducting the GI and Mercury / PCBs Control Measure Implementation Plan RAAs, including the types of modeling and data inputs that may be used by the permittees to conduct each type of RAA.

**FY:** 16/17

**Overseer:** Monitoring / POCs Committee

**Contracting Agency:** BASMAA

**Contractor:** Geosyntec

**Budget:** \$80,000

**Status:** Done

**Deliverable(s):** *Bay Area Reasonable Assurance Analysis Guidance Document (June 2017)*

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