

Commercial Harbor Craft Health Risk Assessment Modeling Files (San Francisco Bay Area and South Coast Air Basins)

CARB staff published the Initial Statement of Reasons (ISOR) for the Proposed Amendments for commercial harbor craft (CHC).

The enclosed modeling files support the health risk assessment results shown in Appendix G of the ISOR, Health Analysis Proposed Amendments for Commercial Harbor Craft. These modeling files are described in the tables below.

Important note: area sources within 24 nautical miles of the San Francisco Bay Area Air Basin (BA) and the South Coast Air Basin (SC) coastlines and area sources 24 nautical miles of the northern and southern most points of the BA and SC coastline were source apportioned using the chemical species PM10 and PM2.5, respectively. All area sources, regardless of the chemical species assigned to them, were modeled with diesel particulate matter (DPM) emission rates. The PM10 and PM2.5 chemical species labels were used to differentiate DPM concentration results and the location of the area sources.

**Update February 9, 2022 – modifications were made to the descriptions in the six files listed below and the file description for those files in this README. The term “concentration” was changed to “potential cancer risk” and the unit “ $\mu\text{g}/\text{m}^3$ ” was changed to “chances per million”. All numeric values remain unchanged.

- BA_PMALL_CR_AllCat_2023Base.DAT
- BA_PMALL_CR_AllCat_2038Base.DAT
- BA_PMALL_CR_AllCat_2038RegConcept.DAT
- SC_PMALL_CR_AllCat_2023Base.DAT
- SC_PMALL_CR_AllCat_2038Base.DAT
- SC_PMALL_CR_AllCat_2038RegConcept.DAT

**Update March 22, 2022 – all meteorological data files were zipped to compress files, reduce storage space requirements and increase data transfer speeds.

Table 1. San Francisco Bay Area Air Basin’s Modeling Files

| File Name | File Description |
|---------------------|---|
| 2023BA_BGA_CONC.DAT | Unformatted barge-ATB or barge-towed petrochemical CALPUFF concentration file for the baseline year 2023 containing concentrations of one or more species |

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| CALPUFF_2023BA_BGA.INP | Barge-ATB or barge-towed petrochemical CALPUFF model control file for the baseline year 2023 containing all information necessary to define a model run |
| RANK(0)_PM10_8760HR_BGA_BA_CONC_C.INP | Barge-ATB or barge-towed petrochemical CALPOST model control file containing user inputs - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_BGA_BA_CONC_C.LST | Barge-ATB or barge-towed petrochemical CALPOST output list file containing CALPOST tables and other generated data - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_BGA_BA_CONC_C.DAT | DPM concentration values at each receptor - from barge-ATB or barge-towed petrochemical activity for the PM10 annual average concentration run and the 2023 baseline year |
| 2023BA_BGB_CONC.DAT | Unformatted barge-bunker CALPUFF concentration file for the baseline year 2023 containing concentrations of one or more species |
| CALPUFF_2023BA_BGB.INP | Barge-bunker CALPUFF model control file for the baseline year 2023 containing all information necessary to define a model run |
| RANK(0)_PM10_8760HR_BA_BGB_CONC_C.INP | Barge-bunker CALPOST model control file containing user inputs - for the PM10 annual average concentration run for the 2023 baseline year |

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| RANK(0)_PM10_8760HR_BA_BGB_CONC_C.LST | Barge-bunker CALPOST output list file containing CALPOST tables and other generated data - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_BA_BGB_CONC_C.DAT | DPM concentration values at each receptor - from barge-bunker activity for the PM10 annual average concentration run and the 2023 baseline year |
| CONC_2023BA_BGO.DAT | Unformatted barge-other CALPUFF concentration file for the baseline year 2023 containing concentrations of one or more species |
| CALPUFF_2023BA_BGO.INP | Barge-other CALPUFF model control file for the baseline year 2023 containing all information necessary to define a model run |
| RANK(0)_PM10_8760HR_BA_BGO_CONC_C.INP | Barge-other CALPOST model control file containing user inputs - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_BA_BGO_CONC_C.LST | Barge-other CALPOST output list file containing CALPOST tables and other generated data - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_BA_BGO_CONC_C.DAT | DPM concentration values at each receptor - from barge-other activity for the PM10 annual average concentration run and the 2023 baseline year |
| RANK(0)_PM2.5_8760HR_BA_BGO_CONC_C.INP | Barge-other CALPOST model control file containing user inputs - for the PM2.5 annual average concentration run for the 2023 baseline year |

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| RANK(0)_PM2.5_8760HR_BA_BGO_CONC_C.LST | Barge-other CALPOST output list file containing CALPOST tables and other generated data - for the PM2.5 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM2.5_8760HR_BA_BGO_CONC_C.DAT | DPM concentration values at each receptor - from barge-other activity for the PM2.5 annual average concentration run and the 2023 baseline year |
| CONC_2023BA_CMF.DAT | Unformatted commercial fishing CALPUFF concentration file for the baseline year 2023 containing concentrations of one or more species |
| CALPUFF_2023BA_CMF.INP | Commercial fishing CALPUFF model control file for the baseline year 2023 containing all information necessary to define a model run |
| RANK(0)_PM10_8760HR_BA_CMF_CONC_C.INP | Commercial fishing CALPOST model control file containing user inputs - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_BA_CMF_CONC_C.LST | Commercial fishing CALPOST output list file containing CALPOST tables and other generated data - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_BA_CMF_CONC_C.DAT | DPM concentration values at each receptor - from commercial fishing activity for the PM10 annual average concentration run and the 2023 baseline year |
| RANK(0)_PM2.5_8760HR_BA_CMF_CONC_C.INP | Commercial fishing CALPOST model control file containing user inputs - for the PM2.5 annual average concentration run for the 2023 baseline year |

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| RANK(0)_PM2.5_8760HR_BA_CMF_CONC_C.LST | Commercial fishing CALPOST output list file containing CALPOST tables and other generated data - for the PM2.5 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM2.5_8760HR_BA_CMF_CONC_C.DAT | DPM concentration values at each receptor - from commercial fishing activity for the PM2.5 annual average concentration run and the 2023 baseline year |
| CONC_2023BA_CMP.DAT | Unformatted commercial passenger fishing CALPUFF concentration file for the baseline year 2023 containing concentrations of one or more species |
| CALPUFF_2023BA_CMP.INP | Commercial passenger fishing CALPUFF model control file for the baseline year 2023 containing all information necessary to define a model run |
| RANK(0)_PM10_8760HR_BA_CMP_CONC_C.INP | Commercial passenger fishing CALPOST model control file containing user inputs - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_BA_CMP_CONC_C.LST | Commercial passenger fishing CALPOST output list file containing CALPOST tables and other generated data - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_BA_CMP_CONC_C.DAT | DPM concentration values at each receptor - from commercial passenger fishing activity for the PM10 annual average concentration run and the 2023 baseline year |

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| RANK(0)_PM2.5_8760HR_BA_CMP_CONC_C.INP | Commercial passenger fishing CALPOST model control file containing user inputs - for the PM2.5 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM2.5_8760HR_BA_CMP_CONC_C.LST | Commercial passenger fishing CALPOST output list file containing CALPOST tables and other generated data - for the PM2.5 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM2.5_8760HR_BA_CMP_CONC_C.DAT | DPM concentration values at each receptor - from commercial passenger fishing activity for the PM2.5 annual average concentration run and the 2023 baseline year |
| CONC_2023BA_CSP.DAT | Unformatted crew and supply CALPUFF concentration file for the baseline year 2023 containing concentrations of one or more species |
| CALPUFF_2023BA_CSP.INP | Crew and supply CALPUFF model control file for the baseline year 2023 containing all information necessary to define a model run |
| RANK(0)_PM10_8760HR_BA_CSP_CONC_C.INP | Crew and supply CALPOST model control file containing user inputs - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_BA_CSP_CONC_C.LST | Crew and supply CALPOST output list file containing CALPOST tables and other generated data - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_BA_CSP_CONC_C.DAT | DPM concentration values at each receptor - from crew and supply activity for the PM10 annual average concentration run and the 2023 baseline year |

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| CONC_2023BA_DRG.DAT | Unformatted dredge CALPUFF concentration file for the baseline year 2023 containing concentrations of one or more species |
| CALPUFF_2023BA_DRG.INP | Dredge CALPUFF model control file for the baseline year 2023 containing all information necessary to define a model run |
| RANK(0)_PM10_8760HR_BA_DRG_CONC_C.INP | Dredge CALPOST model control file containing user inputs - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_BA_DRG_CONC_C.LST | Dredge CALPOST output list file containing CALPOST tables and other generated data - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_BA_DRG_CONC_C.DAT | DPM concentration values at each receptor - from dredge activity for the PM10 annual average concentration run and the 2023 baseline year |
| RANK(0)_PM2.5_8760HR_BA_DRG_CONC_C.INP | Dredge CALPOST model control file containing user inputs - for the PM2.5 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM2.5_8760HR_BA_DRG_CONC_C.LST | Dredge CALPOST output list file containing CALPOST tables and other generated data - for the PM2.5 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM2.5_8760HR_BA_DRG_CONC_C.DAT | DPM concentration values at each receptor - from dredge activity for the PM2.5 annual average concentration run and the 2023 baseline year |

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| EXBACONC.DAT | Unformatted excursion CALPUFF concentration file for the baseline year 2023 containing concentrations of one or more species |
| 2023_BA_EXC.INP | Excursion CALPUFF model control file for the baseline year 2023 containing all information necessary to define a model run |
| RANK(0)_PM10_8760HR_BA_EXC_CONC_C.INP | Excursion CALPOST model control file containing user inputs - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_BA_EXC_CONC_C.LST | Excursion CALPOST output list file containing CALPOST tables and other generated data - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_BA_EXC_CONC_C.DAT | DPM concentration values at each receptor - from excursion activity for the PM10 annual average concentration run and the 2023 baseline year |
| RANK(0)_PM2.5_8760HR_BA_EXC_CONC_C.INP | Excursion CALPOST model control file containing user inputs - for the PM2.5 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM2.5_8760HR_BA_EXC_CONC_C.LST | Excursion CALPOST output list file containing CALPOST tables and other generated data - for the PM2.5 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM2.5_8760HR_BA_EXC_CONC_C.DAT | DPM concentration values at each receptor - from excursion activity for the PM2.5 annual average concentration run and the 2023 baseline year |

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| CONC_2023BA_FER.DAT | Unformatted ferry CALPUFF concentration file for the baseline year 2023 containing concentrations of one or more species |
| CALPUFF_2023BA_FER.INP | Ferry CALPUFF model control file for the baseline year 2023 containing all information necessary to define a model run |
| RANK(0)_PM10_8760HR_BA_FER_CONC_C.INP | Ferry CALPOST model control file containing user inputs - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_BA_FER_CONC_C.LST | Ferry CALPOST output list file containing CALPOST tables and other generated data - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_BA_FER_CONC_C.DAT | DPM concentration values at each receptor - from ferry activity for the PM10 annual average concentration run and the 2023 baseline year |
| RANK(0)_PM2.5_8760HR_BA_FER_CONC_C.INP | Ferry CALPOST model control file containing user inputs - for the PM2.5 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM2.5_8760HR_BA_FER_CONC_C.LST | Ferry CALPOST output list file containing CALPOST tables and other generated data - for the PM2.5 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM2.5_8760HR_BA_FER_CONC_C.DAT | DPM concentration values at each receptor - from ferry activity for the PM2.5 annual average concentration run and the 2023 baseline year |

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| 2023BA_PLT_CONC.DAT | Unformatted pilot CALPUFF concentration file for the baseline year 2023 containing concentrations of one or more species |
| CALPUFF_2023BA_PLT.INP | Pilot CALPUFF model control file for the baseline year 2023 containing all information necessary to define a model run |
| RANK(0)_PM10_8760HR_BA_PLT_CONC_C.INP | Pilot CALPOST model control file containing user inputs - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_BA_PLT_CONC_C.LST | Pilot CALPOST output list file containing CALPOST tables and other generated data - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_BA_PLT_CONC_C.DAT | DPM concentration values at each receptor - from pilot activity for the PM10 annual average concentration run and the 2023 baseline year |
| REBACONC.DAT | Unformatted research CALPUFF concentration file for the baseline year 2023 containing concentrations of one or more species |
| 2023_BA_RES.INP | Research CALPUFF model control file for the baseline year 2023 containing all information necessary to define a model run |
| RANK(0)_PM10_8760HR_BA_RES_CONC_C.INP | Research CALPOST model control file containing user inputs - for the PM10 annual average concentration run for the 2023 baseline year |

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| RANK(0)_PM10_8760HR_BA_RES_CONC_C.LST | Research CALPOST output list file containing CALPOST tables and other generated data - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_BA_RES_CONC_C.DAT | DPM concentration values at each receptor - from research activity for the PM10 annual average concentration run and the 2023 baseline year |
| RANK(0)_PM2.5_8760HR_BA_RES_CONC_C.INP | Research CALPOST model control file containing user inputs - for the PM2.5 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM2.5_8760HR_BA_RES_CONC_C.LST | Research CALPOST output list file containing CALPOST tables and other generated data - for the PM2.5 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM2.5_8760HR_BA_RES_CONC_C.DAT | DPM concentration values at each receptor - from research activity for the PM2.5 annual average concentration run and the 2023 baseline year |
| CONC_2023BA_TGA.DAT | Unformatted tugboat-ATB CALPUFF concentration file for the baseline year 2023 containing concentrations of one or more species |
| CALPUFF_2023BA_TGA.INP | Tugboat-ATB CALPUFF model control file for the baseline year 2023 containing all information necessary to define a model run |
| RANK(0)_PM10_8760HR_BA_TGA_CONC_C.INP | Tugboat-ATB CALPOST model control file containing user inputs - for the PM10 annual average concentration run for the 2023 baseline year |

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| RANK(0)_PM10_8760HR_BA_TGA_CONC_C.LST | Tugboat-ATB CALPOST output list file containing CALPOST tables and other generated data - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_BA_TGA_CONC_C.DAT | DPM concentration values at each receptor - from tugboat-ATB activity for the PM10 annual average concentration run and the 2023 baseline year |
| CONC_2023BA_TGE.DAT | Unformatted tugboat-escort/ship assistant CALPUFF concentration file for the baseline year 2023 containing concentrations of one or more species |
| CALPUFF_2023BA_TGE.INP | Tugboat-escort/ship assistant CALPUFF model control file for the baseline year 2023 containing all information necessary to define a model run |
| RANK(0)_PM10_8760HR_BA_TGE_CONC_C.INP | Tugboat-escort/ship assistant CALPOST model control file containing user inputs - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_BA_TGE_CONC_C.LST | Tugboat-escort/ship assistant CALPOST output list file containing CALPOST tables and other generated data - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_BA_TGE_CONC_C.DAT | DPM concentration values at each receptor - from tugboat-escort/ship assistant activity for the PM10 annual average concentration run and the 2023 baseline year |

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| CONC_2023BA_TGP.DAT | Unformatted tugboat-push/tow CALPUFF concentration file for the baseline year 2023 containing concentrations of one or more species |
| CALPUFF_2023BA_TGP.INP | Tugboat-push/tow CALPUFF model control file for the baseline year 2023 containing all information necessary to define a model run |
| RANK(0)_PM10_8760HR_BA_TGP_CONC_C.INP | Tugboat-push/tow CALPOST model control file containing user inputs - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_BA_TGP_CONC_C.LST | Tugboat-push/tow CALPOST output list file containing CALPOST tables and other generated data - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_BA_TGP_CONC_C.DAT | DPM concentration at each receptor - from tugboat-push/tow activity for the PM10 annual average concentration run and the 2023 baseline year |
| RANK(0)_PM2.5_8760HR_BA_TGP_CONC_C.INP | Tugboat-push/tow CALPOST model control file containing user inputs - for the PM2.5 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM2.5_8760HR_BA_TGP_CONC_C.LST | Tugboat-push/tow CALPOST output list file containing CALPOST tables and other generated data - for the PM2.5 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM2.5_8760HR_BA_TGP_CONC_C.DAT | DPM concentration values at each receptor - from tugboat-push/tow activity for the PM2.5 annual average concentration run and the 2023 baseline year |

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| CONC_2023BA_WRK.DAT | Unformatted workboat CALPUFF concentration file for the baseline year 2023 containing concentrations of one or more species |
| CALPUFF_2023BA_WRK.INP | Workboat CALPUFF model control file for the baseline year 2023 containing all information necessary to define a model run |
| RANK(0)_PM10_8760HR_BA_WRK_CONC_C.INP | Workboat CALPOST model control file containing user inputs - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_BA_WRK_CONC_C.LST | Workboat CALPOST output list file containing CALPOST tables and other generated data - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_BA_WRK_CONC_C.DAT | DPM concentration values at each receptor - from workboat activity for the PM10 annual average concentration run and the 2023 baseline year |
| BAY2017_01.zip | January 2017 meteorological WRF data |
| BAY2017_02. zip | February 2017 meteorological WRF data |
| BAY2017_03. zip | March 2017 meteorological WRF data |
| BAY2017_04. zip | April 2017 meteorological WRF data |
| BAY2017_05. zip | May 2017 meteorological WRF data |
| BAY2017_06. zip | June 2017 meteorological WRF data |
| BAY2017_07. zip | July 2017 meteorological WRF data |
| BAY2017_08. zip | August 2017 meteorological WRF data |
| BAY2017_09. zip | September 2017 meteorological WRF data |

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|---------------------------------------|---|
| BAY2017_10. zip | October 2017 meteorological WRF data |
| BAY2017_11. zip | November 2017 meteorological WRF data |
| BAY2017_12. zip | December 2017 meteorological WRF data |
| coastln.dat | Contains a set of points that define the BA coastline |
| CHC_2023BA_Conc_210620.xlsx | DPM and PM2.5 concentration calculations and results for all categories for years 2023-2050 |
| CHC_BA_CR_210620_WDAC.xlsx | DPM potential cancer risk calculations and results for all categories for years 2023-2050 including potential population and disadvantaged community exposure |
| BA_PMALL_CR_AllCat_2023Base.DAT | DPM potential cancer risk values at each receptor for all CHC vessel category activity combined – calculated from annual average concentrations for the 2023 baseline year for all modeled area sources |
| BA_PMALL_CR_AllCat_2038Base.DAT | DPM potential cancer risk values at each receptor for all CHC vessel category activity combined – calculated from annual average concentrations for the 2038 baseline year for all modeled area sources |
| BA_PMALL_CR_AllCat_2038RegConcept.DAT | DPM potential cancer risk values at each receptor for all CHC vessel category activity combined – calculated from annual average concentrations for the 2038 proposed amendment year for all modeled area sources |

Table 2. South Coast Air Basin's Modeling Files

| File Name | File Description |
|---------------------------------------|---|
| 2023SC_BGA_CONC.DAT | Unformatted barge-ATB or barge-towed petrochemical CALPUFF concentration file for the baseline year 2023 containing concentrations of one or more species |
| CALPUFF_2023SC_BGA.INP | Barge-ATB or barge-towed petrochemical CALPUFF model control file for the baseline year 2023 containing all information necessary to define a model run |
| RANK(0)_PM10_8760HR_BGA_SC_CONC_C.INP | Barge-ATB or barge-towed petrochemical CALPOST model control file containing user inputs - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_BGA_SC_CONC_C.LST | Barge-ATB or barge-towed petrochemical CALPOST output list file containing CALPOST tables and other generated data - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_BGA_SC_CONC_C.DAT | DPM concentration values at each receptor - from barge-ATB or barge-towed petrochemical activity for the PM10 annual average concentration run and the 2023 baseline year |
| 2023SC_BGB_CONC.DAT | Unformatted barge-bunker CALPUFF concentration file for the baseline year 2023 containing concentrations of one or more species |

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|---------------------------------------|---|
| CALPUFF_2023SC_BGB.INP | Barge-bunker CALPUFF model control file for the baseline year 2023 containing all information necessary to define a model run |
| RANK(0)_PM10_8760HR_SC_BGB_CONC_C.INP | Barge-bunker CALPOST model control file containing user inputs - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_SC_BGB_CONC_C.LST | Barge-bunker CALPOST output list file containing CALPOST tables and other generated data - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_SC_BGB_CONC_C.DAT | DPM concentration values at each receptor - from barge-bunker activity for the PM10 annual average concentration run and the 2023 baseline year |
| CONC_2023SC_BGO.DAT | Unformatted barge-other CALPUFF concentration file for the baseline year 2023 containing concentrations of one or more species |
| CALPUFF_2023SC_BGO.INP | Barge-other CALPUFF model control file for the baseline year 2023 containing all information necessary to define a model run |
| RANK(0)_PM10_8760HR_SC_BGO_CONC_C.INP | Barge-other CALPOST model control file containing user inputs - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_SC_BGO_CONC_C.LST | Barge-other CALPOST output list file containing CALPOST tables and other generated data - for the PM10 annual average concentration run for the 2023 baseline year |

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| RANK(0)_PM10_8760HR_SC_BGO_CONC_C.DAT | DPM concentration values at each receptor - from barge-other activity for the PM10 annual average concentration run and the 2023 baseline year |
| CONC_2023SC_CMF.DAT | Unformatted commercial fishing CALPUFF concentration file for the baseline year 2023 containing concentrations of one or more species |
| CALPUFF_2023SC_CMF.INP | Commercial fishing CALPUFF model control file for the baseline year 2023 containing all information necessary to define a model run |
| RANK(0)_PM10_8760HR_SC_CMF_CONC_C.INP | Commercial fishing CALPOST model control file containing user inputs - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_SC_CMF_CONC_C.LST | Commercial fishing CALPOST output list file containing CALPOST tables and other generated data - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_SC_CMF_CONC_C.DAT | DPM concentration values at each receptor - from commercial fishing activity for the PM10 annual average concentration run and the 2023 baseline year |
| RANK(0)_PM2.5_8760HR_SC_CMF_CONC_C.INP | Commercial fishing CALPOST model control file containing user inputs - for the PM2.5 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM2.5_8760HR_SC_CMF_CONC_C.LST | Commercial fishing CALPOST output list file containing CALPOST tables and other generated data - for the PM2.5 annual average concentration run for the 2023 baseline year |

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| RANK(0)_PM2.5_8760HR_SC_CMF_CONC_C.DAT | DPM concentration values at each receptor - from commercial fishing activity for the PM2.5 annual average concentration run and the 2023 baseline year |
| 2023SC_CMP_CONC.DAT | Unformatted commercial passenger fishing CALPUFF concentration file for the baseline year 2023 containing concentrations of one or more species |
| 2023SC_CMP.INP | Commercial passenger fishing CALPUFF model control file for the baseline year 2023 containing all information necessary to define a model run |
| RANK(0)_PM10_8760HR_SC_CMP_CONC_C.INP | Commercial passenger fishing CALPOST model control file containing user inputs - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_SC_CMP_CONC_C.LST | Commercial passenger fishing CALPOST output list file containing CALPOST tables and other generated data - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_SC_CMP_CONC_C.DAT | DPM concentration values at each receptor - from commercial passenger fishing activity for the PM10 annual average concentration run and the 2023 baseline year |
| RANK(0)_PM2.5_8760HR_SC_CMP_CONC_C.INP | Commercial passenger fishing CALPOST model control file containing user inputs - for the PM2.5 annual average concentration run for the 2023 baseline year |

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| RANK(0)_PM2.5_8760HR_SC_CMP_CONC_C.LST | Commercial passenger fishing CALPOST output list file containing CALPOST tables and other generated data - for the PM2.5 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM2.5_8760HR_SC_CMP_CONC_C.DAT | DPM concentration values at each receptor - from commercial passenger fishing activity for the PM2.5 annual average concentration run and the 2023 baseline year |
| CONC_2023SC_CSP.DAT | Unformatted crew and supply CALPUFF concentration file for the baseline year 2023 containing concentrations of one or more species |
| CALPUFF_2023SC_CSP.INP | Crew and supply CALPUFF model control file for the baseline year 2023 containing all information necessary to define a model run |
| RANK(0)_PM10_8760HR_SC_CSP_CONC_C.INP | Crew and supply CALPOST model control file containing user inputs - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_SC_CSP_CONC_C.LST | Crew and supply CALPOST output list file containing CALPOST tables and other generated data - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_SC_CSP_CONC_C.DAT | DPM concentration values at each receptor - from crew and supply activity for the PM10 annual average concentration run and the 2023 baseline year |
| RANK(0)_PM2.5_8760HR_SC_CSP_CONC_C.INP | Crew and supply CALPOST model control file containing user inputs - for the PM2.5 annual average concentration run for the 2023 baseline year |

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| RANK(0)_PM2.5_8760HR_SC_CSP_CONC_C.LST | Crew and supply CALPOST output list file containing CALPOST tables and other generated data - for the PM2.5 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM2.5_8760HR_SC_CSP_CONC_C.DAT | DPM concentration values at each receptor - from crew and supply activity for the PM2.5 annual average concentration run and the 2023 baseline year |
| CONC_2023SC_DRG.DAT | Unformatted dredge CALPUFF concentration file for the baseline year 2023 containing concentrations of one or more species |
| CALPUFF_2023SC_DRG.INP | Dredge CALPUFF model control file for the baseline year 2023 containing all information necessary to define a model run |
| RANK(0)_PM10_8760HR_SC_DRG_CONC_C.INP | Dredge CALPOST model control file containing user inputs - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_SC_DRG_CONC_C.LST | Dredge CALPOST output list file containing CALPOST tables and other generated data - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_SC_DRG_CONC_C.DAT | DPM concentration values at each receptor - from dredge activity for the PM10 annual average concentration run and the 2023 baseline year |
| EXSCCONC.DAT | Unformatted excursion CALPUFF concentration file for the baseline year 2023 containing concentrations of one or more species |

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| 2023_SC_EXC.INP | Excursion CALPUFF model control file for the baseline year 2023 containing all information necessary to define a model run |
| RANK(0)_PM10_8760HR_SC_EXC_CONC_C.INP | Excursion CALPOST model control file containing user inputs - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_SC_EXC_CONC_C.LST | Excursion CALPOST output list file containing CALPOST tables and other generated data - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_SC_EXC_CONC_C.DAT | DPM concentration values at each receptor - from excursion activity for the PM10 annual average concentration run and the 2023 baseline year |
| RANK(0)_PM2.5_8760HR_SC_EXC_CONC_C.INP | Excursion CALPOST model control file containing user inputs - for the PM2.5 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM2.5_8760HR_SC_EXC_CONC_C.LST | Excursion CALPOST output list file containing CALPOST tables and other generated data - for the PM2.5 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM2.5_8760HR_SC_EXC_CONC_C.DAT | DPM concentration values at each receptor - from excursion activity for the PM2.5 annual average concentration run and the 2023 baseline year |
| CONC_2023SC_FER.DAT | Unformatted ferry CALPUFF concentration file for the baseline year 2023 containing concentrations of one or more species |

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| CALPUFF_2023SC_FER.INP | Ferry CALPUFF model control file for the baseline year 2023 containing all information necessary to define a model run |
| RANK(0)_PM10_8760HR_SC_FER_CONC_C.INP | Ferry CALPOST model control file containing user inputs - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_SC_FER_CONC_C.LST | Ferry CALPOST output list file containing CALPOST tables and other generated data - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_SC_FER_CONC_C.DAT | DPM concentration values at each receptor - from ferry activity for the PM10 annual average concentration run and the 2023 baseline year |
| RANK(0)_PM2.5_8760HR_SC_FER_CONC_C.INP | Ferry CALPOST model control file containing user inputs - for the PM2.5 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM2.5_8760HR_SC_FER_CONC_C.LST | Ferry CALPOST output list file containing CALPOST tables and other generated data - for the PM2.5 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM2.5_8760HR_SC_FER_CONC_C.DAT | DPM concentration values at each receptor - from ferry activity for the PM2.5 annual average concentration run and the 2023 baseline year |
| CONC_2023SC_PLT.DAT | Unformatted pilot CALPUFF concentration file for the baseline year 2023 containing concentrations of one or more species |

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| CALPUFF_2023SC_PLT.INP | Pilot CALPUFF model control file for the baseline year 2023 containing all information necessary to define a model run |
| RANK(0)_PM10_8760HR_SC_PLT_CONC_C.INP | Pilot CALPOST model control file containing user inputs - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_SC_PLT_CONC_C.LST | Pilot CALPOST output list file containing CALPOST tables and other generated data - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_SC_PLT_CONC_C.DAT | DPM concentration values at each receptor - from pilot activity for the PM10 annual average concentration run and the 2023 baseline year |
| RESCCONC.DAT | Unformatted research CALPUFF concentration file for the baseline year 2023 containing concentrations of one or more species |
| 2023_SC_RES.INP | Research CALPUFF model control file for the baseline year 2023 containing all information necessary to define a model run |
| RANK(0)_PM10_8760HR_SC_RES_CONC_C.INP | Research CALPOST model control file containing user inputs - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_SC_RES_CONC_C.LST | Research CALPOST output list file containing CALPOST tables and other generated data - for the PM10 annual average concentration run for the 2023 baseline year |

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| RANK(0)_PM10_8760HR_SC_RES_CONC_C.DAT | DPM concentration values at each receptor - from research activity for the PM10 annual average concentration run and the 2023 baseline year |
| RANK(0)_PM2.5_8760HR_SC_RES_CONC_C.INP | Research CALPOST model control file containing user inputs - for the PM2.5 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM2.5_8760HR_SC_RES_CONC_C.LST | Research CALPOST output list file containing CALPOST tables and other generated data - for the PM2.5 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM2.5_8760HR_SC_RES_CONC_C.DAT | DPM concentration values at each receptor - from research activity for the PM2.5 annual average concentration run and the 2023 baseline year |
| 2023SC_TGA_CONC.DAT | Unformatted tugboat-ATB CALPUFF concentration file for the baseline year 2023 containing concentrations of one or more species |
| CALPUFF_2023SC_TGA.INP | Tugboat-ATB CALPUFF model control file for the baseline year 2023 containing all information necessary to define a model run |
| RANK(0)_PM10_8760HR_SC_TGA_CONC_C.INP | Tugboat-ATB CALPOST model control file containing user inputs - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_SC_TGA_CONC_C.LST | Tugboat-ATB CALPOST output list file containing CALPOST tables and other generated data - for the PM10 annual average concentration run for the 2023 baseline year |

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| RANK(0)_PM10_8760HR_SC_TGA_CONC_C.DAT | DPM concentration values at each receptor - from tugboat-ATB activity for the PM10 annual average concentration run and the 2023 baseline year |
| 2023SC_TGE_CONC.DAT | Unformatted tugboat-escort/ship assistant CALPUFF concentration file for the baseline year 2023 containing concentrations of one or more species |
| CALPUFF_2023SC_TGE.INP | Tugboat-escort/ship assistant CALPUFF model control file for the baseline year 2023 containing all information necessary to define a model run |
| RANK(0)_PM10_8760HR_SC_TGE_CONC_C.INP | Tugboat-escort/ship assistant CALPOST model control file containing user inputs - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_SC_TGE_CONC_C.LST | Tugboat-escort/ship assistant CALPOST output list file containing CALPOST tables and other generated data - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_SC_TGE_CONC_C.DAT | DPM concentration values at each receptor - from tugboat-escort/ship assistant activity for the PM10 annual average concentration run and the 2023 baseline year |
| RANK(0)_PM2.5_8760HR_SC_TGE_CONC_C.INP | Tugboat-escort/ship assistant CALPOST model control file containing user inputs - for the PM2.5 annual average concentration run for the 2023 baseline year |

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| RANK(0)_PM2.5_8760HR_SC_TGE_CONC_C.LST | Tugboat-escort/ship assistant CALPOST output list file containing CALPOST tables and other generated data - for the PM2.5 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM2.5_8760HR_SC_TGE_CONC_C.DAT | DPM concentration values at each receptor - from tugboat-escort/ship assistant activity for the PM2.5 annual average concentration run and the 2023 baseline year |
| CONC_2023SC_TGP.DAT | Unformatted tugboat-push/tow CALPUFF concentration file for the baseline year 2023 containing concentrations of one or more species |
| CALPUFF_2023SC_TGP.INP | Tugboat-push/tow CALPUFF model control file for the baseline year 2023 containing all information necessary to define a model run |
| RANK(0)_PM10_8760HR_SC_TGP_CONC_C.INP | Tugboat-push/tow CALPOST model control file containing user inputs - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_SC_TGP_CONC_C.LST | Tugboat-push/tow CALPOST output list file containing CALPOST tables and other generated data - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_SC_TGP_CONC_C.DAT | DPM concentration at each receptor - from tugboat-push/tow activity for the PM10 annual average concentration run and the 2023 baseline year |
| RANK(0)_PM2.5_8760HR_SC_TGP_CONC_C.INP | Tugboat-push/tow CALPOST model control file containing user inputs - for the PM2.5 annual average concentration run for the 2023 baseline year |

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| RANK(0)_PM2.5_8760HR_SC_TGP_CONC_C.LST | Tugboat-push/tow CALPOST output list file containing CALPOST tables and other generated data - for the PM2.5 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM2.5_8760HR_SC_TGP_CONC_C.DAT | DPM concentration values at each receptor - from tugboat-push/tow activity for the PM2.5 annual average concentration run and the 2023 baseline year |
| CONC_2023SC_WRK.DAT | Unformatted workboat CALPUFF concentration file for the baseline year 2023 containing concentrations of one or more species |
| CALPUFF_2023SC_WRK.INP | Workboat CALPUFF model control file for the baseline year 2023 containing all information necessary to define a model run |
| RANK(0)_PM10_8760HR_SC_WRK_CONC_C.INP | Workboat CALPOST model control file containing user inputs - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_SC_WRK_CONC_C.LST | Workboat CALPOST output list file containing CALPOST tables and other generated data - for the PM10 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM10_8760HR_SC_WRK_CONC_C.DAT | DPM concentration values at each receptor - from workboat activity for the PM10 annual average concentration run and the 2023 baseline year |
| RANK(0)_PM2.5_8760HR_SC_WRK_CONC_C.INP | Workboat CALPOST model control file containing user inputs - for the PM2.5 annual average concentration run for the 2023 baseline year |

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| RANK(0)_PM2.5_8760HR_SC_WRK_CONC_C.LST | Workboat CALPOST output list file containing CALPOST tables and other generated data - for the PM2.5 annual average concentration run for the 2023 baseline year |
| RANK(0)_PM2.5_8760HR_SC_WRK_CONC_C.DAT | DPM concentration values at each receptor - from workboat push/tow activity for the PM2.5 annual average concentration run and the 2023 baseline year |
| SC2017_01. zip | January 2017 meteorological WRF data |
| SC2017_02. zip | February 2017 meteorological WRF data |
| SC2017_03. zip | March 2017 meteorological WRF data |
| SC2017_04. zip | April 2017 meteorological WRF data |
| SC2017_05. zip | May 2017 meteorological WRF data |
| SC2017_06. zip | June 2017 meteorological WRF data |
| SC2017_07. zip | July 2017 meteorological WRF data |
| SC2017_08. zip | August 2017 meteorological WRF data |
| SC2017_09. zip | September 2017 meteorological WRF data |
| SC2017_10. zip | October 2017 meteorological WRF data |
| SC2017_11. zip | November 2017 meteorological WRF data |
| SC2017_12. zip | December 2017 meteorological WRF data |
| coastln.dat | Contains a set of points that define the SC coastline |
| CHC_2023SC_Conc_210620.xlsx | DPM and PM2.5 concentration calculations and results for all categories for years 2023-2050 |

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| CHC_SC_CR_210620_WDAC.xlsx | DPM potential cancer risk calculations and results for all categories for years 2023-2050 including potential population and disadvantaged community exposure |
| SC_PMALL_CR_AllCat_2023Base.DAT | DPM potential cancer risk values at each receptor for all CHC vessel category activity combined – calculated from annual average concentrations for the 2023 baseline year for all modeled area sources |
| SC_PMALL_CR_AllCat_2038Base.DAT | DPM potential cancer risk values at each receptor for all CHC vessel category activity combined – calculated from annual average concentrations for the 2038 baseline year for all modeled area sources |
| SC_PMALL_CR_AllCat_2038RegConcept.DAT | DPM potential cancer risk values at each receptor for all CHC vessel category activity combined – calculated from annual average concentrations for the 2038 proposed amendment year for all modeled area sources |