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Title 22@ Social Security

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Division 4@ Environmental Health

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Chapter 15.5@ Disinfectant Residuals, Disinfection Byproducts, and Disinfection Byproduct Precursors

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Article 6@ Reporting and Recordkeeping Requirements

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Section 64537.6@ Disinfection Byproduct Precursors and Enhanced Coagulation or Enhanced Softening Reporting

## **64537.6 Disinfection Byproduct Precursors and Enhanced Coagulation or Enhanced Softening Reporting**

### **(a)**

Systems required to meet the enhanced coagulation or enhanced softening requirements in section 64536.2(a) or (b) shall report the following: (1) The number of paired (source water and treated water) samples taken during the last quarter. (2) The location, date, and result of each paired sample and associated alkalinity taken during the last quarter. (3) For each month in the reporting period that paired samples were taken, the arithmetic average of the percent reduction of TOC for each paired sample and the required TOC percent removal. (4) Calculations for determining compliance with the TOC percent removal requirements, as provided in section 64536.4(a). (5) Whether the system is in compliance with the enhanced coagulation or enhanced softening percent removal requirements in section 64536.2 for the last four quarters.

### **(1)**

The number of paired (source water and treated water) samples taken during the last quarter.

### **(2)**

The location, date, and result of each paired sample and associated alkalinity taken during the last quarter.

### **(3)**

For each month in the reporting period that paired samples were taken, the arithmetic average of the percent reduction of TOC for each paired sample and the required TOC percent removal.

**(4)**

Calculations for determining compliance with the TOC percent removal requirements, as provided in section 64536.4(a).

**(5)**

Whether the system is in compliance with the enhanced coagulation or enhanced softening percent removal requirements in section 64536.2 for the last four quarters.

**(b)**

Systems meeting one or more of the alternative compliance criteria in section 64536(a) or (b), in lieu of meeting the requirements in section 64536.2(a) or (b), shall report the following: (1) The alternative compliance criterion that the system is using. (2) The number of paired samples taken during the last quarter. (3) The location, date, and result of each paired sample and associated alkalinity taken during the last quarter. (4) The running annual arithmetic average based on monthly averages (or quarterly samples) of source water TOC for systems meeting a criterion in sections 64536(a)(1) or (3) or of treated water TOC for systems meeting the criterion in section 64536(a)(2). (5) The running annual arithmetic average based on monthly averages (or quarterly samples) of source water SUVA for systems meeting the criterion in section 64536(a)(5) or of treated water SUVA for systems meeting the criterion in section 64536(a)(6). (6) The running annual average of source water alkalinity for systems meeting the criterion in section 64536(a)(3) and of treated water alkalinity for systems meeting the criterion in section 64536(b)(1). (7) The running annual average for both TTHM and HAA5 for systems meeting the criterion in section 64536(a)(3) or

(4). (8) The running annual average of the amount of magnesium hardness removal (as CaCO<sub>3</sub>, in mg/L) for systems meeting the criterion in section 64536(b)(2). (9) Whether the system is in compliance with the particular alternative compliance criterion in section 64536(a) or (b).

**(1)**

The alternative compliance criterion that the system is using.

**(2)**

The number of paired samples taken during the last quarter.

**(3)**

The location, date, and result of each paired sample and associated alkalinity taken during the last quarter.

**(4)**

The running annual arithmetic average based on monthly averages (or quarterly samples) of source water TOC for systems meeting a criterion in sections 64536(a)(1) or (3) or of treated water TOC for systems meeting the criterion in section 64536(a)(2).

**(5)**

The running annual arithmetic average based on monthly averages (or quarterly samples) of source water SUVA for systems meeting the criterion in section 64536(a)(5) or of treated water SUVA for systems meeting the criterion in section 64536(a)(6).

**(6)**

The running annual average of source water alkalinity for systems meeting the criterion in section 64536(a)(3) and of treated water alkalinity for systems meeting the criterion in section 64536(b)(1).

**(7)**

The running annual average for both TTHM and HAA5 for systems meeting the criterion in section 64536(a)(3) or (4).

**(8)**

The running annual average of the amount of magnesium hardness removal (as  $\text{CaCO}_3$ , in mg/L) for systems meeting the criterion in section 64536(b)(2).

**(9)**

Whether the system is in compliance with the particular alternative compliance criterion in section 64536(a) or (b).