64669.70 Laboratory Analysis

(a)

A laboratory performing analyses to comply with a requirement in this Article shall be accredited pursuant to division 101, part 1, chapter 4, article 3 of the Health and Safety Code (commencing with section 100825), known as the Environmental Laboratory Accreditation Act.

(b)

Methods used to analyze samples pursuant to this Article shall be identified and described in a monitoring plan prepared pursuant to section 64669.90.(1) Methods proposed to be used shall be approved by the US Environmental Protection Agency for use in compliance with the Safe Drinking Water Act as prescribed in 40 Code of Federal Regulations parts 141 or 143, dated July 1, 2023, which are hereby incorporated by reference, except as provided below. (2) For a sample collected at a location specified in subsections 64669.60(a)(1) and 64669.65(a)(1), methods proposed may be those approved by the US Environmental Protection Agency for use in compliance with the Clean Water Act as prescribed in 40 Code of Federal Regulations part 136, dated July 1, 2023, which is hereby incorporated by reference. (3) For a chemical lacking a method in subsection (b)(1) or (b)(2), a DiPRRA shall propose a method in its monitoring plan pursuant to section 64669.90. Selection of a method for the chemical shall be based on the following, listed in the order of priority:(A) A method approved for use in compliance with

the Safe Drinking Water Act as prescribed in 40 Code of Federal Regulations parts 141 or 143, dated July 1, 2023, which are hereby incorporated by reference, for the analysis of the chemical without modification to the method parameters, quality assurance, or quality control criteria, unless allowed by the method; (B) A method for the chemical that has been developed and published by a state or federal governmental agency or by a non-governmental voluntary consensus standards body, including a method in the Standard Methods Committee's Standard Methods for the Examination of Water and Wastewater, or the standards of ASTM International. The method shall be for analysis for the chemical without modification to the method parameters, quality assurance, or quality control criteria, unless allowed by the method; or (C) If no method pursuant to subsection (b)(3)(A) or (b)(3)(B) is available for the chemical, a method developed by a laboratory, including modifications made to a method pursuant to subsection (b)(3)(A) or (b)(3)(B), may be proposed for use following submittal to the State Board of both the laboratory's standard operating procedure and a method validation package. Prior to submittal of the method validation package, the laboratory shall submit to the State Board a method validation plan that conforms to the US Environmental Protection Agency's Protocol for the Evaluation of Alternative Test Procedures for Organic and Inorganic Analytes in Drinking Water (EPA 815-R-15-007, February 2015), or Protocol for the Evaluation of Alternate Test Procedures for Analyzing Radioactive Contaminants in Drinking Water (EPA 815-R-15-008, February 2015), which are hereby incorporated by reference. A method that conforms to one of these protocols is acceptable to the State Board for use in a DPR project.

(1)

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Agency for use in compliance with the Safe Drinking Water Act as prescribed in 40 Code of Federal Regulations parts 141 or 143, dated July 1, 2023, which are hereby incorporated by reference, except as provided below.

(2)

For a sample collected at a location specified in subsections 64669.60(a)(1) and 64669.65(a)(1), methods proposed may be those approved by the US Environmental Protection Agency for use in compliance with the Clean Water Act as prescribed in 40 Code of Federal Regulations part 136, dated July 1, 2023, which is hereby incorporated by reference.

(3)

For a chemical lacking a method in subsection (b)(1) or (b)(2), a DiPRRA shall propose a method in its monitoring plan pursuant to section 64669.90. Selection of a method for the chemical shall be based on the following, listed in the order of priority:(A) A method approved for use in compliance with the Safe Drinking Water Act as prescribed in 40 Code of Federal Regulations parts 141 or 143, dated July 1, 2023, which are hereby incorporated by reference, for the analysis of the chemical without modification to the method parameters, quality assurance, or quality control criteria, unless allowed by the method; (B) A method for the chemical that has been developed and published by a state or federal governmental agency or by a non-governmental voluntary consensus standards body, including a method in the Standard Methods Committee's Standard Methods for the Examination of Water and Wastewater, or the standards of ASTM International. The method shall be for analysis for the chemical without modification to the method parameters, quality assurance, or quality control criteria, unless allowed by the method; or (C) If no method pursuant to subsection (b)(3)(A) or (b)(3)(B) is available for the chemical, a method developed by a laboratory, including modifications made to a method pursuant to subsection (b)(3)(A) or (b)(3)(B), may be proposed for

use following submittal to the State Board of both the laboratory's standard operating procedure and a method validation package. Prior to submittal of the method validation package, the laboratory shall submit to the State Board a method validation plan that conforms to the US Environmental Protection Agency's Protocol for the Evaluation of Alternative Test Procedures for Organic and Inorganic Analytes in Drinking Water (EPA 815-R-15-007, February 2015), or Protocol for the Evaluation of Alternate Test Procedures for Analyzing Radioactive Contaminants in Drinking Water (EPA 815-R-15-008, February 2015), which are hereby incorporated by reference. A method that conforms to one of these protocols is acceptable to the State Board for use in a DPR project.

(A)

A method approved for use in compliance with the Safe Drinking Water Act as prescribed in 40 Code of Federal Regulations parts 141 or 143, dated July 1, 2023, which are hereby incorporated by reference, for the analysis of the chemical without modification to the method parameters, quality assurance, or quality control criteria, unless allowed by the method;

(B)

A method for the chemical that has been developed and published by a state or federal governmental agency or by a non-governmental voluntary consensus standards body, including a method in the Standard Methods Committee's Standard Methods for the Examination of Water and Wastewater, or the standards of ASTM International. The method shall be for analysis for the chemical without modification to the method parameters, quality assurance, or quality control criteria, unless allowed by the method; or

(C)

If no method pursuant to subsection (b)(3)(A) or (b)(3)(B) is available for the chemical, a method developed by a laboratory, including modifications made to a method pursuant to

subsection (b)(3)(A) or (b)(3)(B), may be proposed for use following submittal to the State Board of both the laboratory's standard operating procedure and a method validation package. Prior to submittal of the method validation package, the laboratory shall submit to the State Board a method validation plan that conforms to the US Environmental Protection Agency's Protocol for the Evaluation of Alternative Test Procedures for Organic and Inorganic Analytes in Drinking Water (EPA 815-R-15-007, February 2015), or Protocol for the Evaluation of Alternate Test Procedures for Analyzing Radioactive Contaminants in Drinking Water (EPA 815-R-15-008, February 2015), which are hereby incorporated by reference. A method that conforms to one of these protocols is acceptable to the State Board for use in a DPR project.

(c)

Sample collection and field tests shall be performed pursuant to subsection 64415(b).