

The background is a light blue gradient with several realistic water droplets of various sizes scattered across the surface. A dark blue rounded rectangle is centered in the upper half of the image, containing white text.

OK DEQ PRINCIPAL STATE LABORATORY UPDATE

EFO REGULATORY UPDATE

JUNE 23, 2022

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WHAT'S NEW WITH THE LABORATORY ACCREDITATION PROGRAM (LAP)? -RULEMAKING-

- CHAPTER 301-LABORATORY ACCREDITATION

- CHAPTER 302-FIELD LABORATORY ACCREDITATION

- CHAPTER 307-TNI LABORATORY ACCREDITATION

WHAT'S THE GIST?

UPDATE OF RULES THROUGH INCORPORATIONS BY REFERENCE
OF MOST RECENT EPA METHODOLOGIES THAT FALL UNDER:

- NATIONAL PRIMARY DRINKING WATER REGULATIONS (40 CFR PART 141) JULY 1, 2021
- TEST METHODS FOR EVALUATING SOLID WASTE, LABORATORY MANUAL PHYSICAL/CHEMICAL METHODS, SW-846 MANUAL, THIRD EDITION UPDATE VII
- GUIDELINES ESTABLISHING TEST PROCEDURES FOR THE ANALYSIS POLLUTANTS (40 CFR PART 136) JULY 19, 2021

WHAT ELSE?

- CHAPTER 307 ADOPTION AND IMPLEMENTATION OF THE 2016 TNI STANDARD (UPDATED FROM THE 2009 STANDARD)

- LAP RULES, SAME AS OTHER DEQ RULES, WENT UNDER THE MICROSCOPE TO ELIMINATE OUTDATED, ANTIQUATED, AND OVER-BURDENSOME REQUIREMENTS

POSITIVE OUTCOMES & IMPACTS

- ENHANCED FLEXIBILITY IN METHOD SELECTION

- ALLOWS FOR AN EXPANDED LIST OF APPROVED AND ALTERNATIVE TESTING PROCEDURES, WHICH SHOULD MAKE TESTING MORE READILY AVAILABLE AND LOWER COST

- CLARIFICATION OF RULES LANGUAGE

- SIGNIFICANT REDUCTION IN QA REQUIREMENTS

SPECIFIC RESULTS OF THESE UPDATES

- >50% REDUCTION IN THE REQUIRED ELAPSED TIME BETWEEN QUALIFYING PROFICIENCY TESTING STUDIES (FROM 15 TO 7 DAYS)
- HARD BOUND “LOGBOOKS” ARE NO LONGER REQUIRED TO DOCUMENT QA RELATED ACTIVITIES (ELECTRONIC RECORDS ARE NOW ACCEPTABLE)
- FOR FIELD ACCREDITATION (302), SIGNIFICANT (43%) REDUCTION IN THE NUMBER OF SOP REQUIREMENTS (REDUCED FROM 21 ELEMENTS TO 12).
- LABORATORY PERFORMANCE, COMPETENCY, AND DATA EQUIVALENCY: TNI LABORATORIES IN OUR PROGRAM ARE NOW BEING HELD TO THE SAME STANDARD AS OTHER TNI LABS AROUND THE COUNTRY

UNDER CONSIDERATION & DEVELOPMENT:

- CONVERTING LAP APPLICATION DOCUMENTS TO SPANISH

- 309: BASIC LAB ACCREDITATION FOR OPDES
MULTI-SECTOR GENERAL PERMITS FOR
INDUSTRIAL STORMWATER

ENVIRONMENTAL JUSTICE INTERNSHIP

- PROVIDING FRESH OPPORTUNITIES FOR A HANDS-ON EXPERIENCE IN A WORKING LAB
- LAYING THE FOUNDATION FOR A CAREER PATH IN THE SCIENCES

GROWING YOUNG SCIENTISTS ON THE VINE (OR IN THE LAB)

- ENRICHING COLLEGE AND H.S. CURRICULUMS THROUGH TECHNICAL EXPERIENCE & EXPERTISE
- LEAD TESTING IN SCHOOLS

QUESTIONS?

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