| ***Rule Section*** | ***Rule Section Title*** | ***Proposed Changes*** |
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| 62-160.110 | Purpose, Scope and Applicability | * Update reference to EPA Quality Assurance Project Plan (QAPP) Standards.
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| 62-160.120 | Definitions and Standards | * Clarified that holding time is the maximum storage time between sample collection and sample preparation and/or analysis.
* Revised definition of spike to include quality control samples using analyte-free water.
* Updated the reference to NELAC Standards from 2003 to 2016 in the definition of Field of Accreditation Matrix.
* Updated reference to EPA QAPP Standards in the definition of QAPP.
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| 62-160.210 | Approved Field Procedures | * Added a paragraph to address activities not included in DEP SOPs. In such cases, methods specified in Department rules, permits, contracts, or orders shall be used. If methods are not specified, any method that satisfies data quality objectives established for the Department project may be used if approved by the DEP project manager.
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| 62-160.220 | Approval of Alternative and Modified Field Procedures | * Added field procedures used in place of traditional laboratory analyses as a scenario that would fall under the DEP alternative method approval process. All requirements applicable to other alternative procedures will apply in these cases.
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| 62-160.240 | Record Keeping and Reporting Requirements for Field Procedures | * Remove outdated documentation requirements for monitoring location data.
* Corrected paragraph numbering errors.
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| 62-160.300 | Laboratory Certification | * Removed duplicative text.
* Changed the reference for the Department of Health Environmental Lab Certification program Rule from 2005 to 2018.
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| 62-160.320 | Approved Laboratory Methods | * Updated a DEP website reference.
* Updated the reference for EPA’s most recent Method Update Rule (MUR).
* Incorporated by reference the document titled, “Applicability of Chlorophyll *a* Methods” that lists required laboratory methods for chlorophyll *a*.
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| 62-160.330 | Approval of Alternative and Modified Laboratory Methods | * Update effective date of DEP-SOP-002/01 citation.
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| 62-160.340 | Record Keeping and Reporting Requirements for Laboratory Procedures | * Changed the reference for the Department of Health Environmental Lab Certification program Rule from 2005 to 2018.
* Added requirement for sample preparation (if applicable) and analysis time to be documented for all samples if data will be entered in the DEP Watershed Information Network (WIN) database.
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| 62-160.400 | Sample Preservation and Holding Times | * Update effective date of DEP-SOP-001/01 citation.
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| 62-160.405 | Electronic signatures | No revisions. |
| 62-160.600 | Research Field and Laboratory Procedures | * Corrected a subparagraph reference.
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| 62-160.650 | Field and Laboratory Audits | * Added a statement that the failure of any party to provide applicable records regarding data collection and analysis upon request by DEP may result in a recommendation that data generated by that party not be used by DEP programs.
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| 62-160.670 | Data Validation | * Update effective date of DEP-EA-001/07 citation.
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| 62-160.700 | Data Qualifier Codes (Table 1) | * Combined tables for lab and field qualifiers into a single table, with a column indicating whether lab or field personnel typically apply the qualifier.
* Added “C” for continuous monitoring data that were adjusted based on estimates of instrument drift or fouling.
* Added Secchi Depth to the examples of field measurements that do not require a “D” qualifier. Removed the reference to parameter code from the definition of “D.”
* Added unapproved field testing procedure (i.e., probe) used in place of a laboratory procedure as a reason to use the “H” qualifier.
* Added continuous field monitoring examples to potential uses of “J” qualifier. Revised examples of when the “J” qualifier may be used.
* Clarified the definition for “L” by removing the phrase, “and the calibration curve is known to exhibit a negative deflection.”
* Clarified the definition of “Q.”
* Amended the definition of “T” to state that its use is only acceptable under rare circumstances and if requested by the client.
* Clarified the definition of “Y” to include cases when the sample was “unpreserved.”
* Expanded the definition of “Z” to be used when enzymatic substrate methods show a positive result for all wells of the tray in all dilutions of the sample tested.
* Added continuous field monitoring examples to potential uses of “?” qualifier.
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| 62-160.800 | Documents Incorporated by Reference | * Updated references applicable to current revisions to this Chapter and incorporated documents. NOTE: some references have not been updated in the version provided for review.
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