



**New Jersey Department of Environmental Protection**  
**Contaminated Site Remediation & Redevelopment**  
**Attainment of Remediation Standards and Site-Specific Criteria**  
**Supporting Rounding Calculator Information Sheet**

Analytical data may be rounded to demonstrate compliance with remediation standards and screening levels as described in Appendix B of the Technical Guidance for the Attainment of Remediation Standards and Site-Specific Criteria (Version 3.1 – March 2025). The rounding methodology contained in the Attainment Guidance adopts the rounding “rules” contained in Section 6 of the American Society for Testing and Materials (ASTM) Standard Practice for Using Significant Digits in Test Data to Determine Conformance with Specifications (ASTM-E29-13). The ASTM rounding methodology relies on rounding to the number of significant figures the standard/screening level are expressed in, and then correctly applying the rounding “rules” prescribed by the ASTM method.

To assist the regulated community, Contaminated Site Remediation & Redevelopment (CSRR) has developed a rounding calculator which may be utilized to ensure that rounding, conducted to demonstrate compliance with a remediation standard or screening level, conforms with the ASTM rounding “rules.” The calculator has been developed to round to two significant figures as the following standards/screening levels are all expressed in two significant figures:

- Soil Remediation Standards for the Ingestion-Dermal, and Inhalation Exposure Pathways
- Soil Remediation Standards for the Migration to Ground Water Exposure Pathway
- Remediation Standards
- Soil Leachate Remediation Standards for the Migration to Ground Water Exposure Pathway
- Ground Water Quality Standards\*
- Surface Water Remediation Standards
- Indoor Air Remediation Standards, Ground Water Screening Levels, Soil Gas Screening Levels, and Rapid Action Levels for the Vapor Intrusion Exposure Pathway
- Interim Remediation Standards for Soil, Soil Leachate, and Indoor Air

The rounding calculator, when used in conjunction with the guidance provided in Appendix B of the Attainment Guidance, may be used to ensure that rounding is performed correctly.

\*The Ground Water Quality Standards are presented as both 1 and 2 significant figures. The calculator will apply the appropriate rounding rules when *Ground Water* and the specific *contaminant* are selected from their respective drop-down menus in the calculator to address this issue.