

Technical Guidance for the Attainment of Remediation Standards and Site-Specific Criteria
List of changes from Version 2.0 (July 2021) to Version 3.0 (August 2024)

Change Number	Document Section	e-Page Number	Change Made
1	Cover page	1	Edited to reflect SRP to CSRR name change and new date of revision.
2	Table of Contents (TOC)	3	Section 12.0 added to bring compliance options into main body of guidance; they were previously located in Appendix A.
3	TOC-Appendix A	4	Content changed to describe examples of data deliverables to accompany reports where attainment methods are utilized.
4	TOC-Appendix C	4	Content changed to describe how to address Non-Detects.
5	TOC-Appendix D	4	Renamed; formerly Appendix C.
6	TOC-Appendix E	4	Renamed; formerly Appendix D
7	Section 3.0	6	Section summaries 4.0 - 12.0 modified to reflect new section (Section 12) and to provide summaries for all sections within the document.
8	Table 4-1	9	Vapor Intrusion row edited to reflect adoption of Indoor Air Remediation Standards.
9	5.2	11	Paragraph 6 added to emphasize importance of submitting figures that document complete delineation.
10	6.7.4.1	18	Second bullet - text deleted to make sentence concise.
11	6.7.4.1.	18	Paragraph referencing ISM removed as this methodology is no longer referenced in the Department's Technical Guidance for Site Investigation of Soil, Remedial Investigation of Soil, and Remedial Action Verification Sampling.
12	6.7.4.2	19	Paragraph referencing ISM removed as this methodology is no longer referenced in the Department's Technical Guidance for Site Investigation of Soil, Remedial Investigation of Soil, and Remedial Action Verification Sampling.
13	6.7.5.1	20	Paragraph referencing ISM removed as this methodology is no longer referenced in the Department's Technical Guidance for Site Investigation of Soil, Remedial Investigation of Soil, and Remedial Action Verification Sampling
14	6.7.5.2	23	Paragraph referencing ISM removed as this methodology is no longer referenced in the Department's Technical Guidance for Site Investigation of Soil, Remedial Investigation of Soil, and Remedial Action Verification Sampling.
15	7.3.4	27	Text added to 3rd paragraph to provide clarity on sampling to address "seasonal fluctuations."
16	12	31	Section 12.0 added to bring compliance options (arithmetic mean, 95%UCL, SWA, 75%-10x) into main body of guidance; they were previously located in Appendix A.
17	12.1	31	Text edited to clarify how Functional Areas are developed to define "representative exposure concentrations." This information is provided as a stand alone section.

18	12.1	31	Ingestion Dermal and Inhalation Pathway paragraph edited to provide clarity.
19	12.1	31	Migration to Groundwater paragraph edited to provide clarity and references Section 12.1.1.3
20	12.1.1	32	Sentence added to clarify how Functional Areas help identify the samples used in averaging and that they represent exposure concentrations for different land use scenarios.
21	12.1.1.1	32	Last paragraph revised to clarify that use of a 2-acre sized Non-Residential Functional Area requires a SRAP; 1/4 or 1/2-acre sized Functional Areas are required when an unrestricted RAO is desired.
22	12.1.1.1	32	Footnote 1 added to provide clarity on use of Deed Notice and S-RAP.
23	12.1.1.2	33	Last paragraph revised to clarify that use of a 2-acre sized Non-Residential Functional Area requires a SRAP; 1/4 or 1/2-acre sized Functional Areas are required when an unrestricted RAO is desired.
24	12.1.1.3	33	Footnote 2 added to provide clarity on use of Deed Notice and S-RAP.
25	12.1.1.3	33-34	Functional Area length units changed from meters to feet.
26	12.1.3.2	36	Text revised to allow for use of a single vertical zone for migration to groundwater pathway.
27	12.1.3.2	36	Figure 4 revised to allow for use of a single vertical zone for migration to groundwater pathway.
28	12.1.5	37	Section added to describe development of Functional Areas sizes with use of an Alternate Remediation Standard.
29	12.1.5	37	Footnote 3 added to provide clarity on use of Deed Notice and S-RAP.
30	12.2	37-38	Section restructured to provide clarity. Value used to replace Non-Detects changed from zero to 1/2 of laboratory Reporting Limit and specifies submission of laboratory summary sheet to document value.
31	12.3	38-39	Section restructured to provide clarity. Value used to replace Non-Detects changed from MDL to 1/2 of laboratory Reporting Limit and specifies submission of laboratory summary sheet to document value.
32	12.4	40	Last sentence of 2nd paragraph added to clarify that all samples present within the Functional Area may be included in the calculation.
33	12.4	40	Fifth paragraph revised to note that value to use to replace Non-Detects changed from Reporting Limit to 1/2 of laboratory Reporting Limit and specifies submission of laboratory summary sheet to document value.
34	12.4.1	44	Section added to describe how to address historic fill contamination using Spatially Weighted Averaging.
35	12.5	45	Last paragraph added to address delineation issue for samples near property boundary.

36	12.6	46	Section added to clarify the data deliverables that should be included with reports utilizing attainment methods and references Appendix A.
37	Appendix A	48	Appendix A provides information on the data deliverables (tables, figures, output data sheets, etc.) along with examples that should accompany reports when attainment methods are utilized as a remedial action. The former Appendix A, that addresses the use of rounding, has been moved to Appendix B.
38	Appendix B	67	Appendix B, formerly Appendix A, addresses the use of rounding. No changes made to content.
39	Appendix C	76	Appendix C addresses the use of 1/2 the laboratory reporting limit to replace Non-Detects, and provides an example of the Analytical Summary Form to be submitted to document the value used.
40	Appendix D	79	Formerly Appendix C; definitions for method detection limit and reporting limit have been added.
41	Appendix E	82	Formerly Appendix D; acronyms for method detection limit and reporting limit have been added.