



COMMONWEALTH OF MASSACHUSETTS
Board of Registration
of
Hazardous Waste Site Cleanup Professionals

**REFERENCE LIST FOR
LSP LICENSING EXAMINATION**

What should approved candidates study to best prepare for the LSP exam?

Unquestionably, providing competent professional services as an LSP requires knowledge of and familiarity with a wide range of laws, regulations, technical and regulatory guidance documents, as well as scientific principles and concepts from the fields of chemistry, geology, hydrogeology, toxicology, statistics, and others. LSPs also need to understand current field and laboratory assessment and analytical procedures, risk assessment methodologies, and remediation techniques. MassDEP maintains a compendium of 21E-related laws, regulations, policies, guidance, permit instructions, transmittal forms, and other relevant documents on its website at <http://Mass.Gov/dep>. Once licensed by the Board, LSPs are expected to be familiar with all the information about the 21E program posted on MassDEP's website. They are also expected to stay abreast of the standards of practice in the profession relating to environmental assessment and remediation methods and techniques.

For purposes of the LSP Examination, however, the LSP Board advises candidates to focus their exam preparation time on the following:

- (1) the limited set of statutes, regulations, and technical and regulatory FINAL and DRAFT guidance **listed below** (all of which are available on MassDEP's website); and
- (2) the relevant and current scientific principles and concepts from the fields of chemistry, geology, hydrogeology, toxicology, and statistics, including those needed to understand field and laboratory assessment and analytical procedures, risk assessment methodologies, and remediation techniques. Various published texts and sources are available to assist candidates in learning these principles and concepts.

Statutes (<http://www.Mass.Gov/legis/laws/mgl/gl-pt1-toc.htm>)

- o Mass. General Laws, Chapter 21E
- o Mass. General Laws, Chapter 21A, §§ 19-19J [re: LSP Board] (LSPs should be especially familiar with the provisions of § 19J.)

Regulations (<http://www.Mass.Gov/dep>)

- *Massachusetts Contingency Plan* (as amended April 25, 2014), 310 Code Mass. Regs. 40.0000 *et seq.*
- LSP Board Regulations (as amended 4/8/05), 309 Code Mass. Regs. 1.00-9.00
- DEP fee regulations, *Timely Action Schedules and Fee Provisions*, 310 Code Mass. Regs. 4.00 *et seq.*
- The following sections of the Massachusetts Wetlands Protection Regulations: 310 CMR 10.02 and 10.06(7), and the definitions of the terms contained in those sections as set forth in 310 CMR 10.04.

Technical and Regulatory FINAL and DRAFT Guidance – Massachusetts
<http://www.Mass.Gov/dep>

- *MCP Timelines and Fees*, revised June 11, 2014
- *Master MCP Q & A: 1993-2009*
- *New MCP Questions and Answers in support of the amendments to the Massachusetts Contingency Plan (310 CMR 40.0000) published April 25, 2014 (fully effective June 20, 2014)*
- WSC #14-150: *Greener Cleanups Guidance*, October 20, 2014
- WSC #13-500: *Similar Soils Provision Guidance*, September 4, 2014 (revised)
- WSC #11-435: *Interim Final Vapor Intrusion Guidance*
- WSC #10-320: *Compendium of Quality Control Requirements and Performance Standards for Selected Analytical Protocols*
- WSC #07-350: *MCP Representativeness Evaluations and Data Usability Assessments*, September 2007
- The following two components of the *Massachusetts Compendium of Quality Assurance and Quality Control Requirements and Performance Standards for Selected Analytical Methods* (WSC #02-320):
 - **Overview of the MCP Analytical Data Enhancement Process**
 Title: *Preface and Table of Contents for Compendium of MCP Analytical Methods*
 Status: Final May 2004
 - **Sampling, Data Evaluation, and Reporting**
 Title: *QA/QC Guidelines for the Acquisition and Reporting of Analytical Data*
 Status: Final May 2004
- WSC #04-160: *Conducting Feasibility Evaluations Under the MCP*, July 2004
- WSC #02-411: *Characterizing Risks Posed by Petroleum Contaminated Sites: Implementation of MA DEP VPH/EPH Approach*, October 2002
- WSC #02-430: *Indoor Air Sampling and Evaluation Guide*, April 2002

- WSC #02-500: *DRAFT Monitored Natural Attenuation*, January 2002
- COMM #97-001: *Reuse and Disposal of Contaminated Soils and Sediments at Massachusetts Landfills*, August 1997
- WSC #96-402: *Underground Storage Tank Closure Assessment Manual*, April 1996
- WSC/ORS #95-141: *Guidance for Disposal Site Risk Characterization -- In Support of the Massachusetts Contingency Plan*, March 1996
- WSC #94-400: *Interim Remediation Waste Management Policy for Petroleum Contaminated Soils*, April 1994
- *LNAPL AND THE MCP: GUIDANCE FOR SITE ASSESSMENT AND CLOSURE*, Public Review Draft, July 1, 2014
- *AUL Guidance: Public Review Draft*, June 2014
- *Best Management Practices (“BMPs”) for Gardening at Remediated M.G.L. Chapter 21E Disposal Sites: Public Review Draft*, June 2014
- *Assessing Contamination at Residential Underground Heating Oil Tank Closures*