



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

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APPROVED CONTINUING EDUCATION COURSES AND CONFERENCES AS OF October 2, 2009

Both LSPs and course providers may submit a description of a course or conference and seek the Board's approval for the awarding of continuing education credits. Each month, at its monthly Board meeting, the LSP Board reviews requests submitted during the previous month and determines whether to approve each of the courses or conferences for credit. If a course is approved for credit, the Board also determines how many credits to award for attendance at the course and whether those credits are "technical", "regulatory", "DEP technical", or "DEP regulatory".

The following list contains information about all of the courses and conferences that the Board has approved as of the date listed above. This list is updated monthly. If you would like to obtain a subsequent edition of this list, it is accessible on our Web site: <http://www.state.ma.us/lsp>. If you cannot access the Web site, please contact LSP staff member Allen Wyman at the above address, phone or FAX numbers.

This list contains many previously delivered courses. If you wish more information about upcoming courses or courses given on a periodic basis, please contact the course provider. You will find them listed with a contact person, a telephone number and, if available, one or more have the following: e-mail address, Web site, FAX number.

Please note that in approving a continuing education course about a particular remediation technology or method, the Board is not endorsing or recommending the use of that technology or method.

NOTE: There are three lists on the following pages:

- List #1. Upcoming approved courses and conferences that Board staff is informed of;
- List #2. Approved courses and conferences that may be offered at some point in the future;
- List #3. Courses and conferences no longer being offered.

THE COURSES ON LISTS 2 & 3 ARE ARRANGED ALPHABETICALLY BY THE PRESENTER.

NOTES CONCERNING COURSE NUMBERS ENDING IN A LETTER “A”, “B”, etc. Course numbers ending in a letter (e.g., 1071A) indicate courses that have been slightly altered from the initial presentation (change of instructor, minor content change, etc.). Credit toward renewal of license will be given once for each course number, disregarding the letter suffix.

LIST #1. WHEN COURSE PROVIDERS TELL THE LSP BOARD STAFF OF THEIR UPCOMING SCHEDULE OF APPROVED COURSES, THE STAFF POSTS THAT INFORMATION HERE. FOR OTHER POTENTIALLY ACTIVE COURSES THAT HAVE BEEN APPROVED BY THE LSP BOARD, SCROLL DOWN TO LIST #2.

Board's Course No.	Course Name	Presented By	Credits (Cr)	Category R= regulatory T= technical DEP= DEP crse	Contact Information	Course Date(s)	Location
1389	AULs: Achieving Compliance and Demystifying DEP Enforcement of GLc21E and the MCP	DEP	2	DEP-R	LSPA, www.lspa.org	Oct. 8, 2009	Springfield, MA
1390	Green Technologies for the Environment	VeruTEK	10	T	Shaaron Syrene 860-242-9800 x306	Oct. 14, 2009	Windsor Locks, CT
1223-25	Annual International Conference on Contaminated Soils, Sediments and Water	University of Massachusetts	50% of hours	T	Denise Leonard, 413-545-1239 http://www.umasssoils.com	Oct 19-21, 2009	Amherst, MA
1223-25	Workshop #1: Incremental and Stratified Sampling Designs for Surface Soil Analyses	UMass Soils Conference	8	T	Denise Leonard, 413-545-1239 http://www.umasssoils.com	Oct 19, 2009	Amherst, MA
1223-25	Workshop #2: Assessing Vapor Intrusion at Petroleum Release Sites	UMass Soils Conference	4	T	Denise Leonard, 413-545-1239 http://www.umasssoils.com	Oct 19, 2009	Amherst, MA
1223-25	Workshop #3: BioVapor, a 1-D Vapor Intrusion Model with Aerobic Biodegradation	UMass Soils Conference	4	T	Denise Leonard, 413-545-1239 http://www.umasssoils.com	Oct 19, 2009	Amherst, MA
1207-09	Workshop #4, MCP Audit 2009, A Case Study Approach	UMass/DEP	4	DEP-R	Denise Leonard, 413-545-1239 http://www.umasssoils.com	Oct 19, 2009	Amherst, MA
1223-25	Workshop #5: Environmental Fate of Hydrocarbons in Soils and Groundwater	UMass Soils Conference	3	T	Denise Leonard, 413-545-1239 http://www.umasssoils.com	Oct. 19, 2009	Amherst, MA
1223-25	Workshop #6: Building a Better Background Data Set	UMass Soils Conference	3	T	Denise Leonard, 413-545-1239 http://www.umasssoils.com	Oct. 20, 2009	Amherst, MA
1388	Workshop #7, The Revised CAM, What You Need to Know	UMass/DEP	3	DEP-R	Denise Leonard, 413-545-1239 http://www.umasssoils.com	Oct 20, 2009	Amherst, MA
1223-25	Workshop #8: Perchlorate Remediation Technologies: an ITRC Short Course	UMass Soils Conference	3	T	Denise Leonard, 413-545-1239 http://www.umasssoils.com	Oct 20, 2009	Amherst, MA
1223-25	Workshop #9: In Situ Thermal Remediation	UMass Soils Conference	3	T	Denise Leonard, 413-545-1239 http://www.umasssoils.com	Oct 21, 2009	Amherst, MA
1223-25	Workshop #10: Identifying Background	UMass Soils Conference	3	T	Denise Leonard, 413-545-1239 http://www.umasssoils.com	Oct 21, 2009	Amherst, MA
1223-25	Workshop #11: In-Situ Chemical Oxidation Workshop	UMass Soils Conference	3	T	Denise Leonard, 413-545-1239 http://www.umasssoils.com	Oct 21, 2009	Amherst, MA

1385	SESOIL and AT123D Modeling	Environmental Software Consultants	8	T	http://www.seview.com/register_ma.htm	Oct 23, 2009	Westford, MA
1151	The Princeton Remediation Course (note: evening sessions are mandatory to receive 41 credits)	Princeton Groundwater	41	T	http://www.princeton-groundwater.com/	Oct 26 – 30, 2009	Orlando, FL

LIST #2. COURSES LISTED BELOW (with contact person) ARE APPROVED TO BE OFFERED AT ANY TIME. TO INQUIRE ABOUT POTENTIAL OFFERING DATES, TIMES, AND LOCATIONS, PLEASE PHONE THE CONTACT PERSON LISTED FOR EACH COURSE. THE COURSES ARE ARRANGED ALPHABETICALLY BY THE PRESENTER.

Board's Course No.	Course Name	Presented By	Credits (Cr)	Category R= regulatory C= core T= technical DEP= DEP crse	Contact – Person, Phone and FAX
1318	Geophysical Site Investigation	AEG	8	T	www.aegweb.org
1359	AEG Spring Symposium 2008	AEG	50%	T	
1237	Estimating Times of Remediation Associated with Monitored Natural Attenuation and Contaminated Source Removal	AIPG	16	T	Robert A. Stewart, 860.953.0023
1255	Practical Geoscience Ethics: Elements and Examples	AIPG	8	T	Robert A. Stewart, 860.953.0023
1256	A Short Course in Hydrogeological Applications of Environmental Geophysics Technologies	AIPG	8	T	Robert A. Stewart, 860.953.0023
1262	A Practical Approach For Assessing Upward Vapor Intrusion Risk	AIPG.	4	T	Robert A. Stewart, 860.953.0023
1263	Selection and Design of Groundwater Circulation Well Technology	AIPG	4	T	Robert A. Stewart, 860.953.0023
1058	Interpretation of Analytical Results I	Alpha Analytical Labs	4	T	Todaro, James, 508-398-5484 FAX 508-394-0965 jtodaro@mediaone.net
1086	Organic Method Selection	Alpha Analytical Labs	4	T	Todaro, James, 508-398-5484 FAX 508-394-0965 jtodaro@mediaone.net
1087	Inorganic Method Selection	Alpha Analytical Labs	4	T	Todaro, James, 508-398-5484 FAX 508-394-0965 jtodaro@mediaone.net
1164	Wetlands, Wetland Regulations and the MCP	Assoc. of Mass Wetland Scientists/LSPA	8	R	Kuriger, William phone/FAX 978-667-4340
1024	Risk Based Corrective Action (RBCA) Applied at Petroleum Release Sites	ASTM	7	T	Murphy, Scott, 610-832-9686 FAX 610-832-9668
1042	Environmental Site Characterization	ASTM	24	T	Murphy, Scott, 610-832-9686

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			all or nothing		FAX 610-832-9668
1081	Geochemistry 101: A Survival Guide	Atlantic ECOTEC	6	T	Foran, Joseph, 1-800-417-3381
1225	Data Quality Management Fall 2002 Conference	AWMA-NES	Various	T	Steve Kmiolek, 617-715-1815
1321	Vapor Intrusion: The Next Great Environmental Challenge	AWMA	Various	T	www.awma.org
1346	Vapor Intrusion: Conference & Courses	AWMA	Various	T	
1261	Remediation of Chlorinated and Recalcitrant Compounds (Conference)	Battelle	50%	T	Gina Melaragno, 614.424.7866
1288	The Tenth International In Situ and On-Site Bioremediation Symposium	Battelle	50%	T	http://www.battelle.org/biosymp
1217	Soil Profiles and Seasonal Ground Water Conditions	CEE	8	T	Robert A. Stewart, (860) 953-0023
1111	An Intro to Surficial Geology in Massachusetts & Geologic History of Cape Cod	Consulting Environmental Eng'rs	16	T	Stewart, Robt., 860-953-0023 FAX 860-953-7407
1245	Innovative Technologies for Remediation of Contaminated Groundwater and Soil	C3 Environmental	4	T	Robbie Laird, 519-648-3611
1349	Vapor Intrusion: Sampling, Analytical Methods, and Quality Assurance	Con-test Analytical	2	T	Holly Folsom, 413-525-2332 x50
1193	Addressing Indoor Air Contamination: Measurements and Models	DEP	6	DEP-R	
1152	Environmental Sampling Analysis and Data Usability	DEP	12	DEP T	
1167	Demonstrating Compliance with the MCP through the Conceptual Model Approach	DEP/LSPA	12	DEP R	
1189	The MA DEP Petroleum Analytical Methods: what Environmental Professionals Need to Know about VPH, EPH, and APH	DEP and ITLA	4DEP 4T	DEP R T (non-DEP)	
1207	The MCP Audit – A Case Study Approach (This course is usually reauthorized every year as a separate course with the suffix, "2004," for example.	DEP	4	DEP-R	
1211	Analytical Data Enhancement Program	DEP	4	DEP-R	
1294	Method 2 Risk Characterization	DEP	4	DEP-R	
1295	Impact of Wetland Regulations on MCP Site Remediation	DEP	1	DEP-R	
1303	Technical Updates to Ecological Risk Assessment	DEP	4	DEP-R	
1309	2006 Massachusetts Contingency Plan Revisions	DEP	4	DEP-R	
1323	Down-Gradient Property Status: Practices and Pitfalls	DEP	3	DEP-R	
1333	A Different Path Through the MCP	DEP	4	DEP-R	
1334	eDEP Demonstration	DEP	1	DEP-R	

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1343	Professional Ethics, Professional Conduct & Environmental Professions	DEP	3	DEP-R	
1344	Critical Exposure Pathways Workshop	DEP	3	DEP-R	
1345	Regulatory Expectations & Guidelines for the Vapor Intrusion Pathway	DEP	2	DEP-R	
1348	MCP Representativeness Evaluations & Data Usability Assessments	DEP	8	DEP-R	
1356	WERO Night, Recognizing Release Notifications and Entering & Terminating Remedy Operation Status	DEP	2	DEP R	LSPA, www.lspa.org
1358	NERO Night, Regulatory Expectations & Guidelines for Notifications & Immediate Response Actions: 2 & 72-hour Notifications	DEP	2	DEP-R	
1363	The Evolving Standard of Care: What Does It Mean Today or Tomorrow	DEP	3	DEP-R	UMass Amherst Conference Services, Denise Leonard, 413-545-1239
1367	Recognizing Release Notifications & Avoiding Common Problems After Recording/Registering AULs	DEP	2	DEP-R	LSPA, www.lspa.org
1368	Improving MCP Compliance—Navigating eDEP & Managing RTNs	DEP	2	DEP-R	LSPA, www.lspa.org
1387	Managing Risk in Contaminated Wetlands	DEP	2	DEP-R	LSPA, www.lspa.org
1389	AULs: Achieving Compliance and Demystifying DEP Enforcement of GLc21E and the MCP	DEP	2	DEP-R	LSPA, www.lspa.org
1170	Environmental Forensics	East Coast Engineering	8 +3.5	T	LeBlanc, Christine, 508-748-2460 FAX 508-748-2253
1114	Case Study of a Mass. Contingency Plan Tier IB site (Brownfields Site)	Eckenfelder, Inc.	4	T	Clarke, Ann, 615-373-2005, FAX 615-370-4090
1115	Technical and Regulatory Issues Related to the MCP	Eckenfelder, Inc.	4	T	Clarke, Ann, 615-373-2005, FAX 615-370-4090
2016	Environmental Health/Safety/Emergency Response Course	Eckenfelder, Inc.	4/4	T/R	Clarke, Ann, 615-373-2005, FAX 615-370-4090
1249	Modeling and Visualization of Monitored Natural Attenuation	eice	4	T	Grant Carey, 519.725.6336, www.enviro-institute.com
1178A	Surficial Glacial Geology of Massachusetts	ENSR	10	T	Hogan, Lawrence, 508-393-8558 FAX 508-393-8647 http://www.ensr.com
1015	Analytic Element Modeling of Groundwater Flow	Env. Education Enterprises	21	T	Lehr, Janet, 740-368-9393 FAX 740-368-9494 800 792-0005
1016A	Introduction to Health Risk Assessment (Replaces 1016)	Env. Education	16	T	Lehr, Janet, 740-368-9393

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		Enterprises			FAX 740-368-9494 800 792-0005
1017	Remediation Technologies	Env. Education Enterprises	21	T	Lehr, Janet, 740-368-9393 FAX 740-368-9494 800 792-0005
1018	MINTEQ Modeling of Water/Rock Interactions	Env. Education Enterprises	21	T	Lehr, Janet, 740-368-9393 FAX 740-368-9494 800 792-0005
1019	Environmental Chemistry & Chemistry Fundamentals	Env. Education Enterprises	21	T	Lehr, Janet, 740-368-9393 FAX 740-368-9494 800 792-0005
1020	Geochemical processes in Groundwater Movement	Env. Education Enterprises	21	T	Lehr, Janet, 740-368-9393 FAX 740-368-9494 800 792-0005
1021	Fractured Rocks: Characterization, Flow & Transport	Env. Education Enterprises	21	T	Lehr, Janet, 740-368-9393 FAX 740-368-9494 800 792-0005
1022	Hydrogeology & Practice	Env. Education Enterprises	15	T	Lehr, Janet, 740-368-9393 FAX 740-368-9494 800 792-0005
1023	Assessment & Remediation of Petroleum Hydrocarbon Releases	Env. Education Enterprises	17	T	Lehr, Janet, 740-368-9393 FAX 740-368-9494 800 792-0005
1129	Ecological Risk Assessment	Env. Education Enterprises	16	T	Lehr, Janet, 740-368-9393 FAX 740-368-9494 800 792-0005
1166	Applied Hydrogeochemistry	Environ'l Educ. Enterprises, Inc	14	T	Lehr, Janet, 740-368-9393 FAX 740-368-9494 800 792-0005
1194	Inorganic Contaminant Fate and Transport	Environmental Education Enterprises, Inc.	21	T	Lehr, Janet 740-368-9393 FAX 740-368-9494 e-mail: mailto:e3@e3Power.com
1206	Hydrocarbon Remediation in the 21 st Century – How to recover free product, manage MTBE and more	Env. Education Enterprises	16	T	Lehr, Janet, 740-368-9393 FAX 740-368-9494 800 792-0005
1240	Probabilistic Risk Assessment	EEEE	14	T	Janet Lehr, 740.368.9393
1241	Semi-passive In-situ Remediation Methods for Soil and Groundwater	EEEE	14	T	Janet Lehr, 740.368.9393
1071A	Licensed Site Professional Opinions	EnviroBusiness, Inc.	8	R	Susan Marrano, 617-715-1864
1072	Management of Petroleum-Contaminated Soils	EnviroBusiness, Inc.	8	T	Susan Marrano, 617-715-1864
1092	Petroleum Hydrocarbons and Measurements	EBI	4	T	Susan Marrano, 617-715-1864
1104	LSP Bioremediation of Soil & Groundwater Contamination	EnviroBusiness, Inc.	8	T	Susan Marrano, 617-715-1864
1127	Licensed Site Professional Waste Treatment Via Thermal Desorption	EnviroBusiness, Inc.	8	T	Susan Marrano, 617-715-1864
1143	Introduction, Notifications & Preliminary Response Actions	EnviroBusiness, Inc.	4	R	Susan Wilson, 617-715-1864
1144	Comprehensive Response Actions & Related Activities	EnviroBusiness, Inc.	4	R	Susan Wilson, 617-715-1864
1160	LSP Board of Registration's Regulations and Actions	EnviroBusiness, Inc.	4	R	Susan Wilson, 617-715-1864
1161	LSP Capping and Containment	EnviroBusiness, Inc.	8	T	Susan Marrano, 617-715-1864

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1212	Basic Principles of Groundwater Flow and Contaminant Migration	EnviroBusiness, Inc.	4	T	Susan Marrano, 617-715-1864
1213	Site Assessment and Remediation Concepts	EnviroBusiness, Inc	4	T	Susan Marrano, 617-715-1864
1229	Analysis of Whole Air Samples in Summa Passivated Stainless Steel Canisters	EBI Consultants	4.5	T	Susan Marrano, 617-715-1864
1246	MCP Regulatory Interfaces	EnviroBusiness, Inc.	8	R (non DEP)	Susan Wilson, 617-715-1864
1277	Water Resources Regulations and Permit Requirements	EBI	4	R (non DEP)	Susan Wilson, 617-715-1864
1292	Management and Transportation of Multiple Waste Streams Generated at Waste Cleanup Sites.	EBI	4	R (non DEP)	Susan Wilson, 617-715-1864
1304	Remedial Technologies for Contaminated Groundwater	EBI	8	T	Susan Wilson, 617-715-1864
1314	Groundwater Flow in Fractured Bedrock	EBI	8	T	Susan Wilson, 617-715-1864
1336	Aquifer Testing	EBI	8	T	Susan Wilson, 617-715-1864
2014	Recycling & Beneficial Uses of Petroleum-Contaminated Soils Processed with the Cold-Mix, Asphalt Emulsion Technology	EnviroBusiness, Inc.	8	T	Susan Marrano, 617-715-1864
2014	Beneficial Uses of Petroleum-Contaminated Soils Processed with the Cold-Mix, Asphalt Emulsion Technology	EBI	8	T	Susan Marrano, 617-715-1864
1159	Applied Model Calibration and Uncertainty Analysis	Environmental Simulations	22.5	T	Rumbaugh, James, 703-834-3054 FAX 703-679-2827 jrumbaugh@mindspring.com
1385	SESOIL and AT123D Modeling	Environmental Software Consultants	8	T	
1142	In Situ Permeable Reactive Barriers: Application & Deployment	EPA/ITRC/RTDF	13	T	Cloyce Brackett, 770-242-7712 FAX 770-242-0421 http://www.trainex.org/prb
1265	Phytotechnologies Workshop - Organic	USEPA	8	T	Steve Rock, 513.569.7149
1266	Phytotechnologies Workshop - Inorganic	USEPA	6	T	Steve Rock, 513.569.7149
1291	National Corrective Action Conference 2005	USEPA	50%	T	Steve Rock, 513.569.7149
1126	Remediation Technologies for VOCs in Soil & GW including Soil Vapor Extraction, Air Sparging, Bioremediation & Natural Attenuation	EPOC	8	T	Seth Molofsky, 860-537-6268, FAX 860-228-4902, http://www.epoc.org
1154A	Practical Methods in Applied Geochemistry: From Characterization to Remediation	EPOC	8	T	Seth Molofsky, (860) 537-6268
1214	Principles and Field Techniques for Characterizing Contaminant Migration in Fractured Rock	EPOC	8	T	Seth J. Molofsky, (860) 537-6268
1227	Aquifer Behavior and Testing	EPOC	8	T	Seth Molofsky, EPOC, 860-537-6268
1235	Effective Site Characterization Through Conceptual Site Modeling	EPOC	6	T	Seth Molofsky, EPOC, 860-537-6268
1260	Vapor Intrusion Seminar	EPOC	8	T	Seth Molofsky, EPOC, 860-537-

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					6268
1313	Practical Methods in Geochemical Tracers: From Characterization to Remediation	EPOC	8	T	Seth Molofsky, EPOC, 860-537-6268
1337	Aquifer Test Analysis in Fractured Rock with Emphasis on Nonstandard Approaches and Interpretations	EPOC	8	T	Seth Molofsky, EPOC, 860-537-6268
1350	Site Characterization Guidance Document	EPOC	4	T	Seth Molofsky, 860-537-6268
1364	Connecticut Geology-Understanding the Nature & Distribution of the State's Galcial Materials	EPOC	4	T	Seth Molofsky, 860-537-6268
1378	Combining Engineered Contaminant Source-area Treatment Technologies with Monitored Natural Attenuation for Site Cleanup	EPOC	8	T	Seth Molofsky, 860-537-6268
1130	Monitored Natural Attenuation for Ground Water	ERG/EPA	14	T	Meg Vrablic, 781-674-7374 FAX: 781-674-2906
1209	Hydrology of Fractured Rock: Characterization, Monitoring, Assessment & Remediation	Fractured Rock Educational Services	24	T	Bernard H. Kueper, 613-533-6834, kueper@civil.queensu.ca (fax)613-549-5144
1123	Geoprobe Systems Direct Push Days 1998	Geoprobe Sys, Inc	6	T	Wes McCall, 800-436-7762, FAX 785-825-2097
1101	Toxicology for Non-Toxicologists	Government Institutes	13	T	Gov't Institutes, 301-921-2345
1102	Environmental Sampling & Data Analysis	Government Institutes	13	T	Gov't Institutes, 301-921-2345
1175	Chemistry for Non-Chemists	Government Institutes	16	T	Gov't Institutes, 301-921-2345
1176	Sampling & Data Analysis Institute: Long Course	Government Institutes	26	T	Gov't Institutes, 301-921-2345
1177	Sampling & Data Analysis Institute: Short Course	Government Institutes	15	T	Gov't Institutes, 301-921-2345
1191	The Site remediation & Restoration Course	Government Institutes Division, ABS Group, Inc.	15	T	James R. Bossange 617-457-2828
1247	How to use Surfer Software	GroundwaterSoftware.com	2.5	T	Raymond Henry, 978-502-6001
1248	Aquifer Test Analysis using the software AquiferTest	GroundwaterSoftware.com	2.5	T	Raymond Henry, 978-502-6001
1258	Visual Modflow 1	GroundwaterSoftware.com	3	T	Raymond Henry, 978-502-6001
1259	Environmental Statistics Using WQStat Plus	GroundwaterSoftware.com	2.5	T	Raymond Henry, 978-502-6001

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1271	Geochemistry using AquaChem	GroundwaterSoftware.com	2.5	T	Raymond Henry, 978-502-6001
1273	A Method for Reviewing Pumping Test Evaluations	Groundwater Software.com	1	T	Raymond Henry, 978-502-6001
1216	Innovative Remedial Technologies	H2O Technologies	4	T	Donald Ochs, 609-410-6237 dochs@environmentalH2O.com
1366	New England Intercollegiate Geological Conference (NEIGC 2008)	Harvard University & Westfield State Coll	50%	T	Robert Henry, neigc2008@eps.harvard.edu
1133	Regulatory Consideration at Brownfields Sites	Hidell-Eyster Tech. Services, Inc.	4	R	Tom Brewer, 781-749-8040 FAX 781-749-2304 e-mail: hidell@hidelleyster.com
1306	Soil Vapor Monitoring, Vapor Intrusion, and Indoor Air: A Workshop	HMPGA	6	T	Mark Williams, 518.270.1620, x106
1028	Intrinsic Remediation	INET	14	T	Wingate, Joy, 703-491-3842 voice and FAX
1040	In Situ & On Site Bioremediation	INET	12	T	Wingate, Joy, 703-491-3842 voice and FAX
1047	Vacuum Extraction for Site Restoration	INET	15	T	Wingate, Joy, 703-491-3842 voice and FAX
1132	Subsurface Barrier Technologies	International Business Communications	13	T	Judy Freidus, 508-481-6400 FAX 508-481-4473
1168	Workshop on VPH, EPH, and APH	ITLA/DEP	7	DEP T	Mattingly, Steven, 617-923-4662 FAX 617-923-4610
1218	UXO Basic Training	ITRC	12	T	Jeffrey Swanson, (303) 692-3416, http://www.ITRCweb.com
1105	Natural Attenuation of Chlorinated Solvents in Groundwater-Day 1	ITRC	8	T	Hadley, Paul 916-324-3823 Benevides, Linda 617-292-5782 NOTE: check web site for brochure www.biotreat.state.pa.us
1106	Natural Attenuation of Chlorinated Solvents in Groundwater-Day 2	ITRC	8	T	Hadley, Paul 916-324-3823 Benevides, Linda 617-292-5782 NOTE: check web site for brochure www.biotreat.state.pa.us
1171	Accelerated Bioremediation of Chlorinated Solvents	ITRC/RTDF	15	T	Hadley, Paul, 916-324-3823 phadley@dtsc.ca.gov Nelson, Vicki, 770-242-7712
1299	MTBE & TBA: CSA and Successful GW Remediation	ITRC	19	T	http://www.ITRCweb.com

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1221	Environmental Chemistry and the Emergence of Forensic Geochemistry	LSPA	16	T	See LSPA.org
1221a	Environmental Chemistry and the Emergence of Forensic Geochemistry-Day 1	LSPA	8	T	See LSPA.org
1232	Hydrogeology of Massachusetts	LSPA	8	T	See LSPA.org
1221b	Environmental Chemistry and the Emergence of Forensic Geochemistry-Day 2	LSPA	8	T	See LSPA.org
1046A	A Short Course in Statistics(if you have taken course 1046 and are submitting it for credit toward license renewal you cannot also use credit from this course for license renewal)	LSPA	8	T	See LSPA.org
1154	Practical Methods in Applied Contaminant Geochemistry: From Characterization to Remediation	LSPA	8	T	See LSPA.org
1180	Quantitative Hydrogeology	LSPA	8	T	See LSPA.org
1181	Site Characterization and Remediation for DNAPLs	LSPA	8	T	See LSPA.org
1125	Professionalism & Professional Ethics for LSPs & Leps	LSPA/EPOC	8	T	See LSPA.org
1156	Chemical Analyses: QA/QC	LSPA/ITLA	8	T	See LSPA.org
1131	Coal Ash/Wood Ash Background Exemption	LSPA/Tom Nunno	4/4	T/R	See LSPA.org
1169	Assessment & Management of MTBE-Impacted Sites	LSPA	16	T	See LSPA.org
1199	Monitored Natural Attenuation	LSPA	8	T	See LSPA.org
1214	Principles and Field Techniques for Characterizing Contaminant Migration in Fractured Rock	LSPA	8	T	See LSPA.org
1228	Risk Assessment and Remediation at Sediment and Surface Water	LSPA	8	T	See LSPA.org
1243	Enhanced Bioremediation	LSPA	8	T	See LSPA.org
1254	Evaluation of Data Quality for MCP Submittals	LSPA/NEH	4	T	See LSPA.org
1272	MCP Method 3 Risk Characterization for LSPs	LSPA	8	T	See LSPA.org
1275	In-Situ Chemical Oxidation	LSPA	4	T	See LSPA.org
1278	MCP Method 2 Risk Characterization	LSPA	4	T	See LSPA.org
1279	Asbestos In Soils (AIS) Under the MCP – Awareness Training	LSPA	4	T	See LSPA.org
1280	A Toolbox of Techniques to Generate Data for Environmental Risk Characterizations	LSPA	8	T	See LSPA.org
1281	Advanced Statistics	LSPA	8	T	See LSPA.org
1282	Evaluating Groundwater Flow and Chemical Transport Modeling: Guidelines for Hydrogeologists Who Don't "Model".	LSPA	8	T	http://www.lspa.org/conted/conted.html

Board's Course No.	Course Name	Presented By	Credits (Cr)	Category R= regulatory C= core T= technical DEP= DEP crse	Contact – Person, Phone and FAX
1283	EnviroExpo – The following Individual Presentations only. Presentations 202, 204, 301, 304, 402, 403, 602, 603, 604, 702, 703, 704, 803, 804	LSPA	1.25 for each presentation	T	www.EnviroExpo.com
1284	Data Usability Assessment	LSPA	4	T	http://www.lspa.org/conted/conted.html
1285	Demystifying the Activity and Use Limitation	LSPA	4	Regulatory (Non-DEP)	http://www.lspa.org/conted/conted.html
1304	Remedial Technologies for Contaminated Groundwater	LSPA	8	T	http://www.lspa.org/conted/conted.html
1314	Groundwater Flow in Fractured Bedrock	LSPA	8	T	http://www.lspa.org/conted/conted.html
1315	Groundwater Quality and Geochemistry	LSPA	8	T	http://www.lspa.org/conted/conted.html
1316	Groundwater Concepts Review with Introduction to State of the Art Modeling Methods	LSPA	8	T	http://www.lspa.org/conted/conted.html
1317	Use of the CSM Process to Support MCP Deliverables				
1324	Assessment of LNAPL Mobility and Recoverability	LSPA	8	T	http://www.lspa.org/conted/conted.html
1329	Integrating Expedited Site Assessment Into 310 CMR 40.0800	LSPA	8	T	http://www.lspa.org/conted/conted.html
1330	Environmental Law for LSP's	LSPA	2	R (non-DEP)	
1332	Slug Test Field Course	LSPA	8	T	
1335	Overview of Vapor Intrusion and Mitigation Issues for LSPs	LSPA	4	T	
1340	Vapor Intrusion and Mitigation Issues facing LSPs with Special Emphasis on Sampling and Analysis	LSPA	4	T	
1352	Introduction to Short Forms for Human Health Risk Assessment	LSPA	4	T	LSPA, www.lspa.org
1353	Glacial Geology of Massachusetts for LSPs	LSPA	4	T	LSPA, www.lspa.org
1369	Aquifer Analysis	LSPA	8	T	LSPA, www.lspa.org
1371	Vapor Intrusion for LSPs—Investigation, Sampling & Mitigation Techniques	LSPA	8	T	LSPA, www.lspa.org
1372	Improve Your Understanding of Ecological Risk Assessments to Write a Better RAO	LSPA	4	T	LSPA, www.lspa.org
1373	Laboratory Interface Training Course	LSPA	4	R	LSPA, www.lspa.org
1384	MCP Risk Management	LSPA	8	T	LSPA, www.lspa.org
1386	DNAPL Source Zones: Contaminant Distribution and Remediation Challenges	LSPA	4	T	LSPA, www.lspa.org
1392	Fracturing & Injection Technologies	LSPA	8	T	LSPA, www.lspa.org

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1230	Geographic Information Systems for Environmental Engineers	Menzie-Cura & Associates	8	T	(781) 756-1600
1287	Challenges in Evaluating and Managing Potential Risk From Exposure to Asbestos in Soil Under the MCP	Menzie-Cura	1	T	http://www.lspa.org/conted/conted.html
1289	Sediment, Surface Water, and Biota Sampling Methods	Menzie-Cura	8	T	(781) 756-1600
1296	How to Get What You Need and Only What You Need from Risk Assessment	Menzie-Cura	8	T	(781) 756-1600
1312	Developing Aquatic Sampling Plans for Human Health and Ecological Risk Assessments	Menzie-Cura	8	T	(781) 756-1600
1204a	Improving Hydrogeologic Analysis of Fractured Bedrock Systems	Midwest Geosciences Group	24	T	Kelleher, Dan, 763-607-0092
1205	Characterizing Groundwater Movement Through Glacial Sequences	Midwest Geosciences Group	16	T	Kelleher, Dan, 763-607-0092
1231	Advances in Pumping and Slug Testing for Imprved Site Characterization: New Concepts, Field Methods and Data Analysis Techniques	Midwest Geosciences Group	16	T	Kelleher, Dan, 763-607-0092
1231b	Advanced Aquifer Testing Featuring AQTESOLV: New Concepts, Field Methods, and Data Analysis Techniques	Midwest Geosciences Group	24	T	Dan Kelleher, 763-607-0092
1374	Promoting the Safe Development of Nanotechnology in Massachusetts	MINC	50%	T	Sharon Weber, 617-556-1190
1182	Practical Aspects of Ecological Risk Assessment	NACSETAC	8	T	Driscoll, Susan 978-322-2816 FAX 978-453-7260 driscols@menziecura.com
1025A	Visual Modlfow(if you have taken course 1025 and are submitting it for credit toward license renewal you cannot also use full credit from this course for license renewal)	Nat. GW Ass'n	24	T	Customer Service 800-551-7379 FAX 617-898-7786 http://www.ngwa.org
1026A	Analysis and Design of Aquifer Tests(if you have taken course 1026 and are submitting it for credit toward license renewal you cannot also use full credit from this course for license renewal)	Nat. GW Ass'n	27	T	See above
1027	Probability, Statistics and Geostatistics for Environmental Professionals	Nat. GW Ass'n	20	T	See above
1054A	Treatment Technology for Contaminated Soils and Groundwater(if you have taken course 1054 and are submitting it for credit toward license renewal you cannot also use full credit from this course for license renewal)	Nat. GW Ass'n	21	T	See above
1056A	Application of Health Risk Assessment for Env'l Decision Making(if you have taken course 1056 and are submitting it for credit toward license renewal you cannot also use full credit from	Nat. GW Ass'n	16	T	See above

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	this course for license renewal)				
1057A	Risk Assessment for Environmental Professionals: Contaminant Fate & Transport Modeling Using the API Decision Support Software(if you have taken course 1057 and are submitting it for credit toward license renewal you cannot also use full credit from this course for license renewal)	Nat. GW Ass'n	16	T	See above
1059	IBM PC Applications in Risk Assessment, Remediation, and Modeling	Nat. GW Ass'n	40	T	See above
1060A	Fundamentals of Groundwater Geochemistry(if you have taken course 1060 and are submitting it for credit toward license renewal you cannot also use full credit from this course for license renewal)	Nat. GW Ass'n	16	T	See above
1061A	Applications of Groundwater Geochemistry(if you have taken course 1061 and are submitting it for credit toward license renewal you cannot also use full credit from this course for license renewal)	Nat. GW Ass'n	21	T	See above
1063	Soil and Groundwater Modeling for Soil Cleanup Level Evaluation	Nat. GW Ass'n	12	T	See above
1064A	Natural Attenuation for Remediation of Contaminated Sites(if you have taken course 1064 and are submitting it for credit toward license renewal you cannot also use full credit from this course for license renewal)	Nat. GW Ass'n	16	T	See above
1065	Use of MODFLOW (USGS Modular Flow Model) for Simulation of Groundwater Flow and Advective Transport	Nat. GW Ass'n	36	T	See above
1066A	Principles of Groundwater—Flow, Transport, and Remediation(if you have taken course 1066 and are submitting it for credit toward license renewal you cannot also use full credit from this course for license renewal)	Nat. GW Ass'n	21	T	See above
1120	Transport & Fate Principles & Parameters Estimation	Nat. GW Ass'n	15	T	See above
1121	Principles & Practice of Forced Air Remediation	Nat. GW Ass'n	22	T	See above
1122	Computer Modeling of Natural Attenuation & Bioremediation Systems	Nat. GW Ass'n	28	T	See above
1148	Principles & Practice of Forced Air Remediation	Nat. GW Ass'n	24	T	See above
1149	Assessment & Management of MTBE – Impacted Sites	Nat. GW Ass'n	16	T	See above
1162	Geostatistics & the Data Quality Objectives Process for Environmental Remediation Decision-Making	Nat. GW Ass'n	19	T	See above
1163	Comprehensive Ground Water Management Using Microsoft Access	Nat. GW Ass'n	16	T	See above
1183	Environmental Geochemistry of Metals – Investigation & Remediation	NGWA	21	T	See above
1184	Fracture Trace & Lineament Analysis: Application to Ground	NGWA	28	T	See above

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	Water Resources Characterization & Protection				
1185	Natural Attenuation for Remediation of Contaminated Sites	NGWA	22	T	See above
1186	Low-Cost Remediation Strategies for Contaminated Soil & GW	NGWA	16	T	See above
1187	Focus Conference on MTBE & the Ground Water Rule	NGWA	½ hours attended	T	See above
1195	Aquifer tests: Operation and Parameter Estimation	Nat. GW Ass'n	16	T	See above
1196	2 nd International Conf. On Pharmaceuticals and Endocrine Disrupting Chemicals in Water	Nat. GW Ass'n	50% of hours	T	See above
1197	GIS and Data Management for Ground Water Modeling	Nat. GW Ass'n	24	T	See above
1198	Natural Attenuation, Risk Assessment, and Risk Based Corrective Action: Analysis and Decision making Through Applied ground Water Modeling	Nat. GW Ass'n	44	T	See above
1236	An Introduction to Ground Water	NGWA	24	T	See above
1237	Estimating Times of Remediation Associated with Monitored Natural Attenuation and Contaminant Source Removal	NGWA	16	T	Customer Service, 800.551.7379
1238	Model Calibration Using PEST	NGWA	8	T	Customer Service, 800.551.7379
1239	Low-Cost Remediation Strategies for Contaminated Soil and Ground Water	NGWA	16	T	See above
1269	2004 USEPA/NGWA Fractured Rock Conference	NGWA	50%	T	800.551.7379
1270	The New MODFLOW course	NGWA	32	T	800.551.7379
1298	2005 Conference on Eastern Regional GW Issues	NGWA	50% + 4	T	800.551.7379
1338	Isotopic and Hydrogeological Characterization of Fractured Rock Settings: Current and Novel Approaches	NGWA	16	T	www.ngwa.org/education
1322	MtBE and Other Fuel Oxygenates: Considerations for Assessment and Remediation	NEIWPC	15	T	www.neiwpc.org
1092	Petroleum Hydrocarbons & Petroleum Hydrocarbons Measurement: A Presentation	New England Testing Laboratory, Inc.	4	T	Foley, Joseph P., 1-888-863-8522
1095	Environmental Analytical Methods for Organics and Metals	New England Testing Laboratory, Inc.	8	T	Foley, Joseph P., 1-888-863-8522
1165	Quality of Environmental Measurements	New Environmental Horizons	8	T	Chapnick, Susan, 908-874-5686, 781-643-4294 FAX 908-874-4786 Email NCR@ix.netcom.com Chapnick@mediaone.net
1173	Construction in Contaminated Areas: Site Development In Compliance With the MCP	NEWEA	4	T	Wolf, John 617-742-8060 FAX 617-742-8830 Email Wolfjj@Sverdrup.com

Board's Course No.	Course Name	Presented By	Credits (Cr)	Category R= regulatory C= core T= technical DEP= DEP crse	Contact – Person, Phone and FAX
1174	Dual Phase Extraction Design & Industrial Wastewater Treatment	NEWEA	4	T	Wolf, John 617-742-8060 FAX 617-742-8830 Email Wolfjj@Sverdrup.com
1175	Interpretation of Background Conditions as Defined in the MCP	NEWEA	4	T	Wolf, John 617-742-8060 FAX 617-742-8830 Email Wolfjj@Sverdrup.com
1090	Subsurface Sampling: Strategies and Innovative Data Acquisition and Analysis	NEWEA/CFAST (Tufts U)	8	T	Kinney, Andrea, 617-627-3135
1215	Improving the Quality of Site Characterization	NEWMOA	6	T	Jennifer Griffith, (617)367-8558
1319	In Situ Chemical Oxidation	NEWMOA	5	T	Jennifer Griffith, (617)367-8558
1339	Vapor Intrusion Mitigation	NEWMOA	5	T	Jennifer Griffith, (617)367-8558
1342	Characterizing Chlorinated Solvents Sites	NEWMOA	5.5	T	Jennifer Griffith, 617-367-8558
1357	Remediation of Chlorinated Solvent Sites	NEWMOA	6	T	Rachel Colella, 617-367-8558 x304
1365	Vapor Intrusion in Commercial and Industrial Buildings	NEWMOA	6	T	Rachel Colella, 617-367-8558 x304
1370	Getting More Bang for Your Buck: Real-time Data Collection & Interpretation for Better Decision-making	NEWMOA	6	T	Rachel Colella, 617-367-8558 x304
1381	Greener Cleanups: What Does It Mean & How Do You Do It?	NEWMOA	5.5	T	Rachel Colella, 617-367-8558 x304
1034	Environmental Sampling Field Course	Nielsen Env. Field School	32	T	Nielsen, David, 888-965-5026 740-965-5026, FAX: 740-965-5027
1035	The Complete Ground-Water Monitoring Field Course	Nielsen Env. Field School	38	T	Nielsen, David, 888-965-5026 740-965-5026, FAX: 740-965-5027
1036	Assessment and Remediation of Petroleum Hydrocarbon Releases: Fundamentals and Field Practices	Nielsen Env. Field School	24	T	Nielsen, David, 888-965-5026 740-965-5026, FAX: 740-965-5027
1037	Field Practices and Analytical Methods for Formation Hydraulic Testing: Pumping Tests and Slug Tests	Nielsen Env. Field School	24	T	Nielsen, David, 888-965-5026 740-965-5026, FAX: 740-965-5027
1038	Monitoring Well Design, Construction & Development	Nielsen Env. Field School	16	T	Nielsen, David, 888-965-5026 740-965-5026, FAX: 740-965-5027
1039	The Ground-Water Sampling Field Course	Nielsen Env. Field School	25	T	Nielsen, David, 888-965-5026 740-965-5026, FAX: 740-965-5027
1082	Assessment of Petroleum Hydrocarbon Releases for Risk Based Corrective Action, Natural Attenuation and Remedial Design	Nielsen Env. Field School	16	T	Nielsen, David, 888-965-5026 740-965-5026, FAX: 740-965-5027
1083	Advanced Environmental Site Characterization Field Methods (formerly Accelerated Site Characterization...)	Nielsen Env. Field School	16	T	Nielsen, David, 888-965-5026 740-965-5026, FAX: 740-965-5027
1084	Micropurge Low-Flow Purging and Groundwater Sampling	Nielsen Env. Field School	8	T	Nielsen, David, 888-965-5026 740-965-5026, FAX: 740-965-5027
1110	Practical Tech's for Cost-Effective Ground-Water Sampling	Nielsen Env. Field School	8	T	Nielsen, David, 888-965-5026 740-965-5026, FAX: 740-965-5027
1094	Practical Cost-Effective Techniques for Site Characterization,	Nielsen	36	T	Nielsen, David, 888-965-5026

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	Ground-Water Monitoring and Sampling	Environmental School, Inc.			740-965-5026, FAX: 740-965-5027
1201	Soil Sampling for Volatile Organic Compounds	Nielsen Env. Field School	8	T	Nielsen, David 740-965-5026 info@envirofieldschool.com
1202	Fundamentals of Ground Water and Contaminant Movement	Nielsen Env. Field School	8	T	Nielsen, David 740-965-5026 info@envirofieldschool.com
1320	The No-Purge Sampling Field Course	Nielsen Env. Field School	8	T	Nielsen, David 740-965-5026 info@envirofieldschool.com
1328	The Complete Surface Water & Sediment Sampling Field Course	Nielsen Env. Field School	16	T	Nielsen, David 740-965-5026 info@envirofieldschool.com
1347	2008 North American Environmental Field Conference & Exposition	Nielsen Env. Field School	50%	T	Nielsen, David 740-965-5026 info@envirofieldschool.com
1210	Applied Statistics for Environmental Professionals	North Atlantic Chapter of the Society of Environmental Toxicology	8	T	Susan Kane Driscoll.Ph.D., 978-453-4300, (fax)978-453-7260
1223	18 th Annual International Conference on Contaminated Soils, Sediment, and Water	Northeast Regional Environmental Public Health Center	Various	T	Denise Leonard, (413) 545-1239
1224	ORTs-2	ORT-2 ISC	Various	T	Hussain Al-Ekabi, (519) 858-5055
1250	Fundamentals of Geology and Applied Geology	Pennsylvania Council of Professional Geologists	16	T	717.730.9745, www.pcpge.org
1234	Water Quality and Low Flow Sampling Seminar/Conference	Pine Env., Inc.	50%	T	Mark King, 781-932-9698
1311	Air Quality Sampling Technology Seminar	Pine Env., Inc.	5	T	Mark King, 781-932-9698
1150	Groundwater Pollution and Hydrology	Princeton Groundwater	38	T	http://www.princeton-groundwater.com/
1151	The Princeton Remediation Course (note: evening session are mandatory to receive 41 credits)	Princeton Groundwater	41	T	http://www.princeton-groundwater.com/
1286	Evaluation of Indoor Inhalation Pathway	RAM Group	8	T	Preethi Kedambadi, (713) 784-5151
1292	Management and Transportation of Multiple Waste Streams Generated at Waste Cleanup Sites.	Rec Tec	4	R (Non-DEP)	George Camougis, (508) 248-4040
1109	Biostimulation of Aquifers Using Oxygen Releasing Compounds and other Additives	Regenesi Bioremediation	4	T	Ochs, Donald 856-786-2197 FAX 856-786-1758 Email don@regenesi.com www.regenesi.com
1109A	Biostimulation of Aquifers Using Oxygen Releasing Compounds	Regenesi	8	T	See above

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	and other Additives. NOTE: If you have taken course 1109 and are submitting it for credit toward renewing your licence you cannot also use full credit from this course for renewal. 4 additional credits available on top of 4 credits assigned from 1109.	Bioremediation			
1200	Accelerated Natural Attenuation in Bedrock and Formations with Reduced Pemeability	Regenisis	5	T	Dooley, Maureen 781-245-1320 maureen@regenisis.com
1274	Advanced Technologies for Clean-up of Brownfield Properties	Regenesis	2.5	T	Maureen Dooley, 781.245.1320 www.regenesis.com
1297	In-situ Chemical Oxidation Methods, Strategies and Applications	Regenesis	2	T	Maureen Dooley, 781.245.1320 www.regenesis.com
1113	Chemical Risk Management	Risk Assessment Corporation	32	T	312-988-7667, FAX 312-649-9383 http://www.racteam.com
1097	Risk Assessment Methods	Rizzo Assoc., Inc.	4	T	Billa, Michael, 508-651-3401 FAX 508-651-1089
1098	Groundwater Flow and Contaminant Transport in Bedrock Aquifers	Rizzo Assoc., Inc.	4	T	Billa, Michael, 508-651-3401 FAX 508-651-1089
1073	MCP Training Program	Robert Palermo	40	R	Palermo, Robert, 781-942-0689
1073A	MCP Training Program (if you have taken course 1073 and have submitted, or are submitting it for credit toward license renewal you cannot also use credit from this course for license renewal)	Robert Palermo	40	R	Palermo, Robert, 781-942-0689
1310	Groundwater in Fractured Bedrock	Rutgers	6	T	732.932.9271
1379	Practical Applications in Hydrogeology	Rutgers	28	T	732-932-9271
1267	Designing and Implementing Field Studies of Amphibians and Reptiles on Contaminated Sites	SETAC	8	T	Nick Anastas, 617.556.1157
1382	Causal Analysis/Stressor Identification	SETAC	8	T	
1290	Groundwater Flow and Contaminant Transport	Shaw	4	T	http://www.shawgrp.com/
1203	Field Screening Petroleum Hydrocarbons Using Ultraviolet Fluorescence Technology	Sitelab Corp.	4	T	Steve Greason, 603-643-7800 sgreason@site-lab.com
1251	Pumping-Well Tests of Typical New England Aquifers and Interpretation using the USGS Program WTAQ	Southbury Environmental	8	T	Dennis Mac Caskie, 203.264.2648 http://www.southburyenvironmental.com/
1252	Processes and Contaminants of Other Light Industries: Electronic and Electric Devices, Textile Processing, and Rubber Processing	Southbury Environmental	8	T	Dennis Mac Caskie, 203.264.2648 http://www.southburyenvironmental.com/
1253	Processes and Contaminants of the Metal Finishing, Surface	Southbury	8	T	Dennis Mac Caskie, 203.264.2648

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	Coating, and Dry Cleaning Industries	Environmental			http://www.southburyenvironmental.com/
1264	Petroleum Products	Southbury Environmental	8	T	Dennis Mac Caskie, 203.264.2648 http://www.southburyenvironmental.com/
1293	Source, Fate and Transport of Barium, Chromium, Cobalt, Copper, Lead, Selenium and Zinc	Southbury Environmental	8	T	Dennis Mac Caskie, 203.264.2648 http://www.southburyenvironmental.com/
1300	Sources, Fate and Transport of Antimony, Arsenic, Beryllium, Cadmium, Mercury, Nickel, Silver, Thallium, Tin, Cyanide, and Perchlorate	Southbury Environmental	8	T	Dennis Mac Caskie, 203.264.2648 http://www.southburyenvironmental.com/
1011	Field Instrumentation	Spittler Tom	16	T	Spittler, Tom 508-369-3037 FAX 508-369-4241
1155	Immunoassay Field-Testing	Strategic Diagnostics, Inc.	4	T	Jacque Daitch 978-897-6125 FAX 978-897-5924
1050	CEE 173 – Health Effects and Risk Assessment	Tufts Univ	70% P 50% A	T	Anne Marie C. Desmarais617-627-3763
1051	CEE 113 – Groundwater Hydrology	Tufts Univ	70% P 50% A	T	Anne Marie C. Desmarais617-627-3763
1052	CEE 167 – Environmental Toxicology	Tufts Univ	70% P 50% A	T	Anne Marie C. Desmarais617-627-3763
1053	CEE 139 – Bioremediation: Natural and Enhanced	Tufts Univ	70% P 50% A	T	Anne Marie C. Desmarais617-627-3763
1067	CEE 143 – Site Remediation	Tufts Univ	70% P 50% A	T	Anne Marie C. Desmarais617-627-3763
1068	CEE 168 – Exposure Assessment	Tufts Univ	70% P 50% A	T	Anne Marie C. Desmarais617-627-3763
1100	Extracting Information from Environmental Data	Tufts Univ	70% P 50% A	T	Anne Marie C. Desmarais617-627-3763
1069	CEE 172 – Fate and Transport of Environmental Contaminants	Tufts Univ, Spring Term, Audit	70% P 50% A	T	Anne Marie C. Desmarais617-627-3763
1242	CEE 138 Hazardous Waste Treatment Technologies – Full Semester Course	Tufts University	8	T	Larry Cohen, LSP and instructor, 617-627-3211
1220	Practical Groundwater and Transport Modeling with MODFLOW	UConn	14	T	Martha McKerley, (860) 486-3231
1219	Expedited Site Assessment	UConn	4	T	Martha McKerley, (860) 486-3231
1208	Expedited Site Assessment	University Of Connecticut College of Continuing Studies	4	T	Martha B. McKerley, 860-486-5713, Martha.mckerley@uconn.edu (fax) 860-486-5221

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1223-24	Annual International Conference on Soils, Sediments & Water (UMass Soils Conference)	U Mass Amherst	Various	T	Denise Leonard, 413-545-1239
1355	National Conference & Training Triad Investigations—New Approaches & Innovative Strategies & Associated Workshops	U Mass Amherst	Various	T	Denise Leonard, 413-545-1239
1380	International Conference on the Environmental Implications and Applications of Nanotechnology	U Mass Amherst	50%	T	www.teiconferences.com/nanoconference
1074	14.562 – Physical and Chemical Hydrogeology	U Mass. Lowell	70% P 50% A	T	Bruell, Clifford, 978-934-2284, FAX 978-934-3052 (http://www.eng.uml.edu/Dept/civ/)
1075	14.563 – Design and Analysis of Waste Containment Systems	U Mass. Lowell	70% P 50% A	T	See above
1076	14.567 – Environmental Chemistry I	U Mass. Lowell	70% P 50% A	T	See above
1077	14.568 – Environmental Chemistry II	U Mass. Lowell	70% P 50% A	T	See above
1078	14.594 – Fundamentals of Contaminated Site Treatment Techniques	U Mass. Lowell	70% P 50% A	T	See above
1079	18.581 – Understanding the MCP 15.332 – Understanding the MCP (by Univ. College Cont. Ed)	U Mass. Lowell	70% P 50% A	R	Bruell, Clifford, 978-934-2284, FAX 978-934-3042 (http://www.eng.uml.edu/Dept/civ/) For course by U. College Cont. Ed., contact Enrollment Svcs 978-934- 2480 FAX 978-934-3087 (http://www.uml.edu/DCE)
1079A	Same as above (if you have taken the above course and are submitting it for credit toward license renewal you cannot also use credit from this course for license renewal)	U Mass. Lowell	70% P 50% A	R	See above
1088	14.575 – Groundwater Modeling	U Mass. Lowell	70% P 50% A	T	Bruell, Clifford, 978-934-2284, FAX 978-934-3052 (http://www.eng.uml.edu/Dept/civ/)
1093	Assessing & Remediating Petroleum Contaminated Sites	U Mass. Lowell	70% P 50% A	T	Enrollment Svcs 978-934-2700 FAX: 978-934-3087 (http://www.uml.edu/DCE)
1099	14.594 – Fundamentals of Contaminated Site Treatment techniques	U Mass. Lowell	70% P 50% A	T	Bruell, Clifford, 978-934-2284, FAX 978-934-3052 (http://www.eng.uml.edu/Dept/civ/)

Board's Course No.	Course Name	Presented By	Credits (Cr)	Category R= regulatory C= core T= technical DEP= DEP crse	Contact – Person, Phone and FAX
1226	19.683 – Risk Assessment	U Mass. Lowell	70% P 50% A	T	Enrollment Svcs 978-934-2700 FAX: 978-934-3087 (http://www.uml.edu/DCE)
2000	14.595 – Hazardous Waste Site Remediation	U Mass. Lowell	70% P 50% A	T	See above
2013	18.503 – Environmental Toxicology and Risk Assessment	U Mass. Lowell	70% P 50% A	T	See above
1222	Innovative Approaches For Bedrock Site Characterization	UNH, Bedrock Bioremediation Center	5	T	Kimberly Newman, (603) 862-0832
1307	EOS/NR 744/844 – Biogeochemistry	UNH	22 max.	T	See UHN website for registration
1362	Smart Remediation Technologies	VeruTEK	8	T	Shaaron Syrene, 860-242-9800 x306
1390	Green Technologies for the Environment	VeruTEK	10	T	Shaaron Syrene, 860-242-9800 x306
1012	DNAPL Site Characterization/Diagnosis & Remediation (not offered in 1998; expect to be offered in 1999)	Waterloo Centre for GW Research	24	T	Jowett, Robin 519-836-3102 FAX, 519-836-3381
1014	Disolved Organic Contaminants in Groundwater (not offered in 1998; expect to be offered in 1999)	Waterloo Centre for GW Research	24	T	Jowett, Robin 519-836-3102 FAX, 519-836-3381
1080	Technologies for Intrinsic and Semi-Passive In Situ Remediation of Groundwater	Waterloo Centre for GW Research	18	T	Jowett, Robin 519-836-3102 FAX, 519-836-3381
1080A	The Waterloo In Situ Course – Natural Attenuation and In Situ Remediation (this is essentially the same course as above. If you have taken the above course and are submitting it for credit toward license renewal you cannot also use credit from this course for license renewal)	Waterloo Centre for GW Research	18	T	Jowett, Robin 519-836-3102 FAX, 519-836-3381
1103	DNAPLs in Fractured Geologic Media	Waterloo Hydrogeologic, Inc.	19	T	Sarah Fogler, (519) 836-3093 www.waterloodnapl.com
1128	Groundwater Modeling: Theory and Hands-On Applications Using MODFLOW-2000, MODPATH, AND MT3D	Waterloo Hydrogeologic, Inc.	25	T	McCreadie, Hugh 519-746-1798 FAX 519-885-5262 E-mail: info@flowpath.com www.flowpath.com
1119	Site Assesment and Remediation	Worcester Polytechnic Institute	70% P 50% A	T	Radesha Thuraisingham, 503-831-5530, FAX 508-831-5808, http://www.wpi.edu/
1134	Aquifer Test Analysis/Well Hydraulics	Wright State Univ. Center for Ground Water Management	12 pass	T	Lefebvre, Lauryl, 937-775-3649 FAX 937-775-3649 IRIS@wright.edu

Board's Course No.	Course Name	Presented By	Credits (Cr)	Category R= regulatory C= core T= technical DEP= DEP crse	Contact – Person, Phone and FAX
					http://iris.wright.edu
1135	Environmental Geophysics	Wright State Univ. Center for Ground Water Management	12 pass	T	See above
1136	Ground Water Flow Modeling using MODFLOW	Wright State Univ. Center for Ground Water Management	12 pass	T	See above
1137	Ground Water Hydrology	Wright State Univ. Center for Ground Water Management	12 pass	T	See above
1138	Site Remediation	Wright State Univ. Center for Ground Water Management	12 pass	T	See above
1139	Soil and Ground Water Contamination	Wright State Univ. Center for Ground Water Management	12 pass	T	See above
1140	U.S. Regional Hydrogeology	Wright State Univ. Center for Ground Water Management	12 pass	T	See above
1141	Water and the Environment	Wright State Univ. Center for Ground Water Management	12 pass	T	See above
1145	Organic Chemistry: Fundamentals of Fate & Transport of Organic Chemicals	Wright State Univ. Center for Ground Water Management	12 pass	T	See above

LIST #3. COURSES PREVIOUSLY APPROVED BUT REPORTED TO THE LSP BOARD STAFF AS NO LONGER BEING OFFERED – NO CONTACT PERSON IS LISTED.

Board's Course No.	Course Name	Presented By	Credits (Cr)	Category R= regulatory C= core T= technical DEP= DEP crse	Contact – Person, Phone and FAX
1005	Ground Water Monitoring and Sampling Technology: Design, Installation, Development, and Sampling of Groundwater Monitoring Wells	ASTM/Ray Leather	16	8 T Cr/day No 1/2 day allowed	
1031	Remediation of Hazardous Waste Sites	Ctr. For Professional Advancement	18	T	
1032	Treatment of Contaminated Soil & Rock	Ctr. For Professional Advancement	18	T	
1033	Applied Hydrogeology in Environmental Management	Ctr. For Professional Advancement	18	T	
1001	Understanding Subparts C & D of the MCP	DEP and the LSPA	8	R/C	
1001A 1002A	Understanding the Massachusetts Contingency Plan (you may be able to get partial [4 hours] credit for this course if you have taken only one of the two courses: 1001 or 1002. Check with contact person noted in last column to the right.	DEP and the LSPA	8	R/C	
1002	Understanding Subparts I and J of the MCP	DEP and the LSPA	8	R/C	
1004	Waste Site Cleanup Program – Learning From Experience	DEP and the LSPA	8	R/C	
1009	Innovative Field Assessment Technologies Forum	DEP and the LSPA	4	T	
1044	MCP Environmental Risk Characterization	DEP and the LSPA	6	R/C	
1045	Remediation Waste and Remedial Wastewater Management	DEP and the LSPA	6	R/C	
1085	Beyond TPH – Understanding & Using the New VPH/EPH Approach	DEP and the LSPA	8	T	
1112	Understanding & Using Activity & Use Limitations & Public Involvement Requirements of the MCP	DEP and the LSPA	8	R/C	
1158	1999 Massachusetts Contingency Plan Revisions and Case Studies	DEP/LSPA	8	DEP R	
1190	The MCP Audit – A Case Study Approach	DEP	2	DEP R	
1244	UMASS Workshop 6 – Implementing Data Enhancement Policy	DEP	2	DEP R	
1041	Soil & Groundwater Contamination and Subsurface Hydrology	Draper Aden Env. Modeling, Inc.	16 all or nothing	T	
1016	Introduction to Health Risk Assessment	Env. Education Enterprises	21	T	
1003	Assessment, Control and Remediation of LNAPL Contaminated Sites	Env. Syst & Tech.	8	T	
1071	Licensed Site Professional Opinions	EnviroBusiness, Inc.	6	R	
1013	Soil and Groundwater modeling for Risk Assessment	Gen. Sciences Corp.	12	T	

1247	How to use Surfer Software	GroundwaterSoftware.com	2.5	T	
1248	Aquifer Test Analysis using the software AquiferTest	GroundwaterSoftware.com	2.5	T	
1258	Visual Modflow 1	GroundwaterSoftware.com	3	T	
1259	Environmental Statistics Using WQStat Plus	GroundwaterSoftware.com	2.5	T	
1271	Geochemistry using AquaChem	GroundwaterSoftware.com	2.5	T	
1273	A Method for Reviewing Pumping Test Evaluations	Groundwater Software.com	1	T	
1089	Innovative Remediation Technologies	Int'l Bus. Comm's	12	T	
1010	Meeting the public Involvement Requirements of the Massachusetts Contingency Plan	JK Research Assoc.	4	R/C	
1043	Meeting the Public Involvement Requirements of CMR 40.1400	JK Research Assoc.	4	R/C	
1046	A Short Course in Statistics for LSPs/Risk Characterization Under the MCP	LSPA	16	T	
1146	Applied Ground Water Modeling for Environmental Decision-Makers	LSPA/Waterloo Hydrogeologic, Inc.	8	T	
1233	Professional Conduct Course	LSP Board/LSPA	8	DEP R	
1025	Visual Modflow	Nat. GW Ass'n	12	T	
1026	Analysis and Design of Aquifer Tests—Including Slug Tests and Fracture Flow	Nat. GW Ass'n	30	T	
1054	Treatment Technology for Contaminated Soils and Groundwater	Nat. GW Ass'n	20	T	
1055	Groundwater Monitoring Strategies for Contaminated Site Assessment & Remedial Design	Nat. GW Ass'n	22	T	
1056	Application of Health Risk Assessment for Env'l Decision Making	Nat. GW Ass'n	14	T	
1057	Risk Assessment for Environmental Professionals: Contaminant Fate & Transport Modeling Using the API Decision Support Software	Nat. GW Ass'n	14	T	
1060	Fundamentals of Groundwater Geochemistry	Nat. GW Ass'n	12	T	
1061	Practical Applications of Groundwater Geochemistry	Nat. GW Ass'n	17	T	
1062	Understanding Migration, Assessment, and Remediation of Non-Aqueous Phase Liquids	Nat. GW Ass'n	19	T	
1062A	Understanding Migration, Assessment, and Remediation of Non-Aqueous Phase Liquids(if you have taken course 1062 and are submitting it for credit toward license renewal you cannot also use full credit from this course for license renewal)	Nat. GW Ass'n	20	T	
1064	Natural Attenuation for Remediation of Contaminated Sites	Nat. GW Ass'n	12	T	
1066	Principles of Groundwater—Flow, Transport, and Remediation	Nat. GW Ass'n	20	T	
1029	Bioremediation in the Saturated Subsurface	NEC/UNH	8	T	

1008	Analytical Testing and the MCP	NEWEA on April 17, 1996	4	T	
1007	Risk Management/Risk Characterization	NEWEA on Feb. 14, 1996	4	T	
1006	Appropriate Sampling Plans and the MCP	NEWEA on Jan. 17, 1996	4	T	
1268	What Regulators Want – Conceptual Site Model	NEWMOA	2	DEP T	
1091	Applied Risk Characterization, ENV 5468	Northeastern U. Ctr. For Cont. Ed.	70% P 50% A	T	
1096	Applied Risk Characterization Under the MCP	Northeastern U. Ctr. For Cont. Ed.	70% P 50% A	T	Northeastern dropped the program
1153	Activity And Use Limitations Under the MCP	Northeastern U. Ctr. For Cont. Ed./ LSPA/HealthPro Cons	70% P 50% A	R	See above
2001	Applied Groundwater Hydrology, ENV 5632	Northeastern U. Ctr. For Cont. Ed.	70% P 50% A	T	See above
2002	Chemistry for Hazardous Waste Managers, ENV 5232	Northeastern U. Ctr. For Cont. Ed.	70% P 50% A	T	See above
2003	Environmental Site Evaluations, ENV 5216	Northeastern U. Ctr. For Cont. Ed.	70% P 50% A	T	See above
2006	Geology for Hazardous Waste Managers, ENV 5234	Northeastern U. Ctr. For Cont. Ed.	70% P 50% A	T	See above
2007	Site Remediation Principles and Technologies, ENV 5240	Northeastern U. Ctr. For Cont. Ed.	70% P 50% A	T	See above
2008	Subsurface Exploration Techniques, ENV 5266	Northeastern U. Ctr. For Cont. Ed.	70% P 50% A	T	See above
2010	Underground Storage Tank Management, ENV 5426	Northeastern U. Ctr. For Cont. Ed.	70% P 50% A	T	See above
2011	Understanding the Mass Contingency Plan (MCP), ENV 5637	Northeastern U. Ctr. For Cont. Ed.	70% P 50% A	R	See above
2015	Applied Hydrogeology	Northeastern U. Ctr. For Cont. Ed.	70% P 50% A	T	See above
2005	Environmental Risk Assessment, ENV 5432	Northeastern U. Ctr. For Cont. Ed.	12 pass 8 audit	T	
2009	Toxicology of Hazardous Waste, ENV 5221	Northeastern U. Ctr. For Cont. Ed.	12 pass 8 audit	T	
2012	Environmental Chemistry in Soil/Groundwater Sys., ENV 5233	Northeastern U. Ctr. For Cont. Ed.	12 pass 8 audit	T	
1048	Health Effects of Environmental and Occupational Chemical Exposure	Tufts Univ	70% P 50% A	T	
1049	Hands-on Training for Field Portable Analytical Instrumentation	Tufts Univ	70% P 50% A	T	

1070	CEE 172 – Fate and Transport of Environmental Contaminants	Tufts Univ, Summer Term, Audit	70% P 50% A	T	
1100	Extracting Information from Environmental Data	Tufts U.	12 pass 8 audit	T	
1124	Contaminated Soils Conference, 1998	U Mass. Amherst	4~35	T	
1192	17 th Annual International Conference on Contaminated Soils, Sediments and Water	University of Massachusetts	50% of hours	T	
1172	The 2000 Contaminated Soils, Sediments & Water Conference	Umass Amherst	TBD	T	
1157	The 1999 Contaminated Soils, Sediments & Water Conference	Umass, Amherst	4~35	T	
1354	Introduction to Hydrogeology – GEO-SCI 587	Umass Amherst	70% pass, 50% audit	T	
1355	UMass Amherst Triad Conference	UMass Amherst	1:1 worksho ps; 50% confere nce	T	
1223-20	Workshop 7 – Asbestos and the MCP	Umass Soils Conf.	3	DEP R	
1223-20	Workshop 12 – Vapor Intrusion	Umass Soils Conf.	3	DEP R	
1107	Designs for Air Impact Assessment at Hazardous Waste Sites	USEPA	21	T	
1116	Sampling for Hazardous Materials	USEPA	16	T	
1117	Treatment Technologies for Superfund	USEPA	21	T	
1118	Risk Assessment Guidance for Superfund	USEPA	25	T	
1030	Analytical Tools for Designing Subsurface Gas Extraction and control Systems	UWEX	14	T	
1147	Remediation by Natural Attenuation	UWEX	23	T	