

## List of Approved Courses for Title 5 Training Hours 2007, 2008, 2009, 2010

APPROVED CLASSES AS OF: May 26, 2010

| Date            | Class                             | Host                     | Location                       | TCH*      | Approval # |
|-----------------|-----------------------------------|--------------------------|--------------------------------|-----------|------------|
| 1/10/2007       | MEHA Education Seminar            | MEHA                     | Boxboro, MA                    | 4 SE/SI   | T507-0001  |
| 1/30/2007       | Ground Water and Water Wells      | America's GW Trust       | Worcester, MA                  | 2.5 SE/SI | T509-0002  |
| 2/8/2007        | Pumper and Cleaner Expo           | Cole Publishing          | Nashville, TN**                |           |            |
|                 | NOWRA-Septic Systems              | NOWRA                    |                                | 6 SI      | T507-0004  |
|                 | NEHA-Onsite Installer Cert.       | NEHA                     |                                | 8 SI      | T507-0005  |
| 2/13/2007       | All About Series-Media Filters    | URI                      | URI, Kingston, RI *            | 2 SI      | T507-0006  |
| 2/15/2007       | Nitrogen Dynamics                 | URI                      | URI, Kingston, RI*             | 4 SE/SI   | T507-0007  |
| 2/22/2007       | DEP/MHOA Seminars                 | DEP/MHOA                 | various locations w/in state * | 2 SE/SI   | T507-0003  |
| 3/12-14/2007    | NOWRA Annual Conference           | NOWRA                    | Baltimore, MD                  | 10 SE/SI  | T507-0008  |
| 3/20/2007       | Soil Morphology                   | Umass                    | Amherst, MA                    | 10 SE     | T507-0107  |
| 3/29/2007       | I/A Technology Overview           | URI                      | URI, Kingston, RI*             | 4 SI      | T507-0009  |
| 4/11-12/2007    | Human Disturbed Soils             | UNH                      | UNH, Portsmouth, NH*           | 5 SE      | T507-0010  |
| 5/9-10/2007     | Septic System Inspection          | URI                      | URI, Kingston, RI*             | 3 SI      | T507-0011  |
| 5/16 & 23/ 2007 | Advanced Hydric Soils ID          | UNH                      | UNH, Portsmouth, NH*           | 5 SE      | T507-0012  |
| 5/30/2007       | I/A Title 5 Tech Seminar          | NEIWPC                   | Worcester, MA                  | 3 SI      | T507-0020  |
| 6/6-7/2007      | I/A System O and M                | URI                      | URI, Kingston, RI*             | 6 SI      | T507-0013  |
| 10/24-10/26/07  | MHOA Conference/WW Track          | MHOA                     | Springfield, MA**              | 10 SE/SI  | T507-0021  |
| 10/29/2007      | I/A Title 5 Tech Seminar          | NEIWPC                   | Worcester, MA                  | 3 SI      | T507-0022  |
| 12/10-12/12/07  | NOWRA Installer Academy           | NOWRA                    | Las Vegas, NV**                | 19 SE/SI  | T507-0024  |
| 1/26/2008       | Soil Science Delineation          | NHANRS                   | Concord, NH                    | 3 SE      | T507-0033  |
| 2/21/2008       | AutoCALCS                         | URI                      | Kingston, RI*                  | 4 SI      | T508-0040  |
| 2/27-2/29/08    | Pumper and Cleaner Expo           | Cole Publishing          | Louisville, KY**               | 12 SE/SI  | T508-0029  |
| 3/11-13/2008    | 3rd Northeast Onsite Short Course | NEIWPC/YOWA              | Groton, CT**                   | 17 SE/SI  | T508-0027  |
| 3/5/2008        | Pumps and Control Panels          | URI                      | Kingston, RI*                  | 8 SI      | T507-0026  |
| 3/20/2008       | Septic Soils, & Permits           | Franklin Cty Cons. Dist. | Deerfield, MA                  | 2 SE/SI   | T508-0042  |
| 3/30/2008       | Soil Mapping and Morphology       | Peter Fletcher           | Hyannis, MA*                   | 10 SE     | T508-0034  |
| 4/7-4/10/08     | NOWRA Annual Conference           | NOWRA                    | Memphis, TN**                  | 23 SE/SI  | T508-0032  |
| 4/17/2008       | Bottomless Sand Filter Design     | URI                      | Kingston, RI*                  | 8 SE/SI   | T508-0033  |
| 4/17/2008       | Review of SE & SI                 | MEHA                     | Taunton, MA                    | 5 SE/SI   | T508-0044  |
| 4/28/2008       | System Inspection Update          | Western MA Health Assoc. | Holyoke, MA                    | 1 SE/SI   | T508-0043  |
| 4/30-5/1/08     | Conventional Onsite Inspection    | URI                      | Kingston, RI*                  | 8 SI      | T508-0035  |
| 5/14/2008       | Hands on Component Install        | URI                      | Kingston, RI*                  | 8 SI      | T508-0038  |

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|                |  |                         |                          |     |       |           |
|----------------|--|-------------------------|--------------------------|-----|-------|-----------|
| 5/17/2008      | Basic Wetland Delineation              | MACC                    | Marion, MA               | 1   | SE    | T508-0068 |
| 5/23/2008      | SE Workshop (for DEP Staff only)       | Peter Fletcher          | Ipswich, MA              | 10  | SE    | T508-0046 |
| 6/18/2008      | Soil Basics-Onsite Contractor          | Mark Stolt, URI         | Kingston, RI*            | 8   | SE/SI | T508-0036 |
| 5/29/2008      | I/A Systems Field Tour                 | URI                     | Kingston, RI*            | 2   | SE/SI | T508-0041 |
| 6/4-6/5/08     | I/A System O and M                     | URI                     | URI, Kingston, RI*       | 6   | SI    | T508-0047 |
| 6/28/2008      | Soil Refresher                         | Peter Veneman, UMass    | Amherst, MA              | 8   | SE    | T508-0049 |
| 7/21/2008      | SE, Reading NE Landscape               | Peter Fletcher          | Southeast MA             | 10  | SE    | T508-0045 |
| 7/30-7/31/08   | Advanced Soil Morphology               | Mark Stolt, URI         | Kingston, RI*            | 8   | SE    | T508-0051 |
| 8/7/2008       | Surveying Basics for Onsite            | URI                     | Kingston, RI*            | 4   | SE/SI | T508-0037 |
| 9/13/2008      | Berkshire County Bd of Health Assoc.   | Berkshire CC            | Pittsfield, MA           | 1   | SE/SI | T508-0061 |
| 9/24-9/26/08   | Yankee Conf. - WW track                | CEHA                    | Mystic, CT**             | 3   | SE/SI | T508-0059 |
| 10/1/2008      | Site Eval and Onsite Design            | Kent Healy              | W. Tisbury, MA           | 5   | SE/SI | T508-0052 |
| 10/29-10/31/08 | MHOA Conference/WW Track               | MHOA                    | Springfield, MA**        | 10  | SE/SI | T508-0057 |
| 11/17/2008     | Title 5 Tech Seminar                   | NEIWPC                  | Bridgewater, MA          | 5   | SE/SI | T508-0058 |
| 11/20/2008     | System Inspector Workshop              | Cape Cod Exten          | various locals in state* | 6   | SI    | T508-0063 |
| 11/20/2008     | AutoCALCS                              | URI                     | Kingston, RI*            | 4   | SI    | T508-0031 |
| 12/8-12/10/08  | NOWRA Installer Academy                | NOWRA                   | Las Vegas, NV**          | 22  | SE/SI | T508-0060 |
| 1/21/2009      | MEHA Workshop                          | MEHA                    | Taunton, MA              | 3.5 | SE/SI | T508-0066 |
| 1/22/2009      | All About Series-Media Filters         | URI                     | Kingston, RI*            | 4   | SE/SI | T509-0108 |
| 1/29/2009      | I/A Technology Overview                | URI                     | Kingston, RI*            | 8   | SE/SI | T509-0109 |
| 2/25-2/28/09   | Pumper Cleaner Show                    | Cole Publ.              | Louisville, KY**         | 7   | SE/SI | T508-0064 |
| 3/4/2009       | Micro for Wastewater Professionals     | YOWA                    | Randolph Center, VT      | 6   | SE/SI | T509-0073 |
| 3/19-4/23/09   | Onsite/WW Treatment Unit Process       | NEIWPC                  | Millbury, MA             | 10  | SI    | T508-0067 |
| 3/23/2009      | Annual Spring Septic System Conf       | GSDI                    | Manchester, NH           | 4   | SE/SI | T509-0071 |
| 4/6-4/9/09     | NOWRA Tech. Conference                 | NOWRA                   | Milwaukee, WI**          | 10  | SE/SI | T509-0065 |
| 4/24/2009      | Intro Field Indicators of Hydric Soils | UNH                     | Portsmouth, NH*          | 5   | SE    | T509-0074 |
| 4/16/2009      | Design of Conventional Onsite WW       | URI                     | Kingston, RI*            | 8   | SE/SI | T509-0087 |
| 5/5&6/2009     | Conventional Onsite Inspection         | URI                     | Kingston, RI*            | 10  | SI    | T509-0101 |
| 5/14/2009      | Title 5 Tech Seminar                   | NEIWPC                  | Bridgewater, MA          | 6   | SE/SI | T509-0072 |
| 5/15/2009      | Onsite Septic System T-5 Seminar       | West Mass Public Health | Holyoke, MA              | 5   | SE/SI | T509-0078 |
| 5/28/2009      | I/A Technology Field Overview          | URI                     | Kingston, RI*            | 4   | SI    | T509-0102 |
| 5/28/2009      | FOG Collection, Recycling, Disposal    | NH DES                  | Concord, NH              | 2   | SI    | T509-0076 |
| 6/2&3, 2009    | I/A System O & M                       | URI                     | Kingston, RI*            | 10  | SI    | T509-0096 |
| online         | Effluent Pumps for Onsite WW           | NEHA                    | www.neha.org             | 1.5 | SE/SI | T509-0090 |
| 7/16/2009      | Micro for Wastewater Professionals     | URI                     | Kingston, RI*            | 4   | SE/SI | T509-0079 |
| 7/15/2009      | Surveying Techniques/WW Professional   | URI                     | Kingston, RI*            | 8   | SE/SI | T509-0088 |

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| 7/29-30/2009     | Advanced Soil Morphology                     | URI                       | Kingston, RI*             | 10   | SE    | T509-0080 |
| 8/11/2009        | Pressure Dosing and Hydraulics               | West Mass Public Health   | Southampton, MA           | 2    | SE/SI | T509-0081 |
| 8/18 & 19/2009   | Orengo                                       | Orengo                    | various locals in state*  | 7    | SE/SI | T509-0089 |
| 8/25/2009        | GW Flow and Subsurface Barriers              | West Mass Public Health   | Southampton, MA           | 2    | SE/SI | T509-0082 |
| 8/10 and 8/24/09 | All you ever wanted to know-SAS              | YOWA                      | Bridgewater and Worcester | 6    | SE/SI | T509-0083 |
| 9/22-23/2009     | Conventional Onsite Inspections              | URI                       | Kingston, RI*             | 10   | SI    | T509-0097 |
| 10/1/2009        | Yankee Conf. - WW track                      | MEHA                      | Warwick, RI               | 2    | SE/SI | T509-0098 |
| 10/2/2009        | Treatment Processes-Onsite Systems           | Barnstable County Health  | Hyannis, MA               | 6    | SE/SI | T509-0084 |
| 10/13/2009       | Surveying, Siting and Elevations             | Berkshire County BOH      | Lee, MA                   | 2    | SE/SI | T509-0095 |
| 10/15/2009       | Functional Inspections                       | URI                       | Kingston, RI*             | 8    | SI    | T509-0085 |
| 10/28-30/2009    | MHOA Annual Conference/WW track              | MHOA                      | Springfield, MA**         | 10   | SE/SI | T509-0091 |
| 12/1/2009        | Title 5 Tech Seminar                         | NEIWPCC                   | Bridgewater, MA           | 6    | SE/SI | T509-0092 |
| 12/15/2009       | Designing Nitrogen Removal Tech.             | URI                       | Kingston, RI*             | 8    | SE/SI | T509-0086 |
| 2/22 -23/2010    | 5th Annual Installers Academy                | NOWRA                     | Louisville, KY**          | 10   | SI    | T509-0093 |
| various dates    | Certified Septic Installer Course            | Berkshire County BOH      | Lee, MA                   | 5    | SE/SI | T509-0094 |
| various dates    | Conventional Onsite WW Insp (100A)           | URI                       | Kingston, RI*             | 8    | SI    | T509-0112 |
| various dates    | Conventional Onsite WW Field (100B)          | URI                       | Kingston, RI*             | 6    | SI    | T509-0113 |
| various dates    | I/A System O&M Part 1                        | URI                       | Kingston, RI*             | 8    | SI    | T509-0120 |
| various dates    | I/A System O&M Part 2                        | URI                       | Kingston, RI*             | 8    | SI    | T509-0121 |
| various dates    | All About Series-Sand Media                  | URI                       | Kingston, RI*             | 4    | SE/SI | T509-0122 |
| various dates    | All About Series- Septic Tanks               | URI                       | Kingston, RI*             | 4    | SE/SI | T509-0123 |
| various dates    | Septic Installer Math Refresher/Recert.      | Berkshire County BOH      | various*                  | 2    | SE/SI | T509-0124 |
| various dates    | AutoCALCS                                    | URI                       | Kingston, RI*             | 4    | SE/SI | T509-0125 |
| N/A              | Intermittent Sand Filters (on-line)          | Red Vector                | N/A                       | 1    | SE/SI | T509-0126 |
| N/A              | Recirculating Sand Filters (on-line)         | Red Vector                | N/A                       | 2    | SE/SI | T509-0127 |
| 2/24-27/2010     | Pumper Cleaner Show                          | Cole Publ.                | Louisville, KY**          | 10   | SE/SI | T509-0128 |
| various dates    | Confined Space Entry Training                | United Rentals            | various*                  | 6.25 | SI    | T509-0129 |
| various dates    | Excavation Safety for Compotent Person       | United Rentals            | various*                  | 6.25 | SE/SI | T509-0130 |
| 3/16-17/2010     | Inspection Training and Certification        | NAWT                      | Taunton, MA               | 10   | SI    | see below |
| 1/25-27/2010     | NEWEA Annual Mtg - Trade Show                | NEWEA                     | Boston, MA***             | 1    | SE/SI | T510-0001 |
| N/A              | Small Wastewater System O&M (vol 1)          | Sacramento State Univ.    | correspondence course     | 10   | SI    | T510-0002 |
| TBD              | Liability Issues for Title 5 Sys. Inspectors | McIntyre Engineering      | TBD - contact for info.   | 3    | SI    | T510-0003 |
| 6/22-23/10       | Advanced Soil ID                             | Assoc. of MA Wetland Sci. | Grafton, MA               | 10   | SE    | T510-0004 |
| various dates    | Septic Failures                              | Western MA Health Assoc.  | various*                  | 3    | SE/SI | T510-0005 |

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|---------------|---|--------------------------|------------------|-------|-------|-----------|
| various dates | Damage Prevention Safety Seminar                              | www.must-ne.com          | various*         | 3     | SE/SI | T510-0006 |
| various dates | Pumps and Control Panels                                      | URI                      | Kingston, RI*    | 8     | SE/SI | T510-0007 |
| 3/29-30/10    | Annual Spring Septic System Conf                              | GSDI                     | Manchester, NH   | 4/day | SE/SI | T510-0008 |
| 8/3-4/09      | Excavation Safety: Are you a competent person                 | NEWWA                    | Holliston, MA    | 10    | SE/SI | T510-0009 |
| various dates | Review/Update Soil Sci.and Geology                            | Peter Fletcher           | various*         | 5     | SE    | T510-0010 |
| 2/25/2010     | Membrane Bioreactors  | Barnstable County Health | Hyannis, MA      | 1     | SE/SI | T510-0011 |
| 3/1/2010      | Gould Pumps   | Berkshire County BOH     | Williamstown, MA | 2     | SE/SI | T510-0012 |
| TBD           | Basic Land Surveying Math & Tech.                             | Glenn Mauk               | Westport, MA     | 4     | SE/SI | T510-0013 |
| 1/27/2009     | Meeting for sewer and trenching regs                          | Town of Andover          | Andover, MA      | 1.5   | SE/SI | T510-0014 |
| 5/12-14/2009  | RI Denitrification RCN Workshop                               | URI                      | Narragansett, RI | 10**  | SE/SI | T510-0015 |
| 10/19/2007    | 2007 MALSCCE Annual Convention                                | MALSCCE                  | Eastham, MA      | 3.5** | SE/SI | T510-0016 |
| 10/15-16/2009 | SSSSNE Soil and Geology Tour of Marthas Vineyard              | SSSSNE                   | Woods Hole, MA   | 7     | SE    | T510-0017 |
| various dates | OSHA 10 hr construction outreach                              | various                  | various          | 10    | SE/SI | T510-0018 |
| 4/6/2010      | Enviro-Septic Annual System Inspection                        | Presby Env.              | Worcester, MA    | 2     | SI    | T510-0019 |
| N/A           | Basic Civil Engineering - Sewage Treatment (RV-6788)          | Red Vector               | online course    | 1     | SE/SI | T510-0020 |
| N/A           | EPA Onsite Wastewater Treatment: Systems Management (RV-6088) | Red Vector               | online course    | 4     | SE/SI | T510-0021 |
| N/A           | Septic System Design (RV-????)                                | Red Vector               | online course    | 1     | SE/SI | T510-0023 |
| various dates | Confined Space Entry  | Excellence in Safety     | Falmouth, MA     | 4     | SE/SI | T510-0024 |

\* Denotes courses approved and repeated periodically.

\*\* TCH hours listed are "up to X hours" depending on full attendance at approved sessions of conference.

\*\*\* 1 TCH per day for trade show (with appropriate verification)

= Yellow Box denotes new addition since last version of this list.

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### I/A Technology Manufacturer Ongoing Training Courses Approved for hours w/various dates:

| <u>Company</u>          | <u>TCH</u> | <u>Approval #</u> |
|-------------------------|------------|-------------------|
| Wastewater Technologies | 3 SE/SI    | T507-0014         |
| Enviro-Septic           | 2 SE/SI    | T507-0015         |
| Oakson                  | 2 SE/SI    | T507-0016         |
| Clivus                  | 1 SE/SI    | T507-0023         |
| Eljen                   | 2.5 SE/SI  | T507-0025         |
| Aquapoint               | 2 SE/SI    | T508-0028         |
| Orenco                  | 4 SE/SI    | T508-0048         |

### Other Ongoing Training Offerings: (approved and repeated periodically)

| <u>Class</u>                        | <u>Host</u>          | <u>Location</u>         | <u>TCH</u> | <u>Approval #</u> |
|-------------------------------------|----------------------|-------------------------|------------|-------------------|
| UNH Courses                         | UNH                  | Various                 | varies     | (see above)       |
| URI NE Onsite Training Center       | URI                  | Various                 | varies     | (see above)       |
| UMass Courses                       | UMass                | Various                 | varies     | (see above)       |
| MA DEP/MHOA Title 5 Seminars        | MA DEP/MHOA          | Various                 | 2 SE/SI    | T507-0003         |
| SE Refresher                        | Peter Fletcher       | Various                 | 7 SE       | T507-0017         |
| Field Refresher                     | Peter Fletcher       | Various                 | 7 SE       | T507-0018         |
| SI Soils                            | Peter Fletcher       | Various                 | 7 SI       | T507-0019         |
| SE Class                            | Peter Fletcher       | Various                 | 10 SE      | T508-0026         |
| SE - Reading NE Landscape           | Peter Fletcher       | Various                 | 10 SE      | T508-0045         |
| Fundamentals of Groundwater         | David Boutt, UMass   | Amherst, MA             | 10 SE      | T508-0030         |
| SE Refresher (night course)         | Peter Fletcher       | Various                 | 4 SE       | T508-0053         |
| Describe & Doc Deep Holes           | Peter Fletcher       | Various                 | 7 SE       | T508-0054         |
| Inspection Overview                 | NAWT                 | Various                 | 5 SI       | T508-0055         |
| Inspecting System                   | NAWT                 | Various                 | 5 SI       | T508-0056         |
| Can We Afford Performance OWS0601   | NEHA                 | online                  | 1 SE/SI    | T509-0069         |
| Field Techniques for System Insp.   | Peter Fletcher       | Various                 | 10 SI      | T509-0070         |
| Title 5 Inspector Refresher         | McIntyre Engineering | contact for information | 3 SI       | T509-0075         |
| Inspecting Septic System in MA      | McIntyre Engineering | contact for information | 7 SI       | T509-0077         |
| Small Wastewater System O&M (vol 1) | Sacramento State     | correspondence course   | 10 SI      | T510-0002         |
| Excavation Safety                   | NEWWA                | various                 | 10 SE/SI   | T510-0009         |

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### Web Site Resources for Training:

|   |  |
|---|--|
| Massachusetts Environmental Health Association            | <a href="http://www.mehaonline.net">www.mehaonline.net</a>   |
| Massachusetts Health Officers Association                 | <a href="http://www.mhoa.com">www.mhoa.com</a>   |
| National Environmental Health Association                 | <a href="http://www.neha.org">www.neha.org</a>   |
| New England Interstate Water Pollution Control Commission | <a href="http://www.neiwpcc.org">www.neiwpcc.org</a>   |
| National Onsite Wastewater Recycling Association          | <a href="http://www.nowra.org">www.nowra.org</a>   |
| Peter Fletcher Training                                   | <a href="http://www.pfdigsoil.com">www.pfdigsoil.com</a>   |
| University of New Hampshire - Continuing Education        | <a href="http://www.learn.unh.edu">www.learn.unh.edu</a>   |
| URI New England Onsite Training Center                    | <b>(Note: new web address)</b> <a href="http://www.uri.edu/ce/wq/OWT/OWTCenter/index.htm">http://www.uri.edu/ce/wq/OWT/OWTCenter/index.htm</a> |
| Yankee Onsite Wastewater Association                      | <a href="http://www.yankeeonsite.org">www.yankeeonsite.org</a>   |
| Kent Healy  | <a href="mailto:kent.healy@verizon.net">kent.healy@verizon.net</a>   |
| National Association of Waste Transporters (NAWT)         | <a href="http://www.nawt.org">www.nawt.org</a>   |
| Sacramento State  | <a href="http://www.owp.csus.edu/training/courses/waste_water/swws.php">www.owp.csus.edu/training/courses/waste_water/swws.php</a>             |
| Association of Mass. Wetland Scientist                    | <a href="http://www.amws.org">www.amws.org</a>   |
| McIntryre Engineering & Septic Services, Inc.             | <a href="mailto:messcorp@aol.com">messcorp@aol.com</a>   |
| New England Water Works Association (NEWWA)               | <a href="http://www.newwa.org">www.newwa.org</a>   |