**WV Approved Freshwater Mussel Surveyors \***

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| Heidi Dunn, Eric Belt, Emily Grossman,  Nathan Badgett, Ryan Foley, David Ford  EcoAnalysts, Inc. (Previously known as Ecological Specialist, Inc.)  Contact: Heidi Dunn  1417 Hoff Industrial Drive  O’Fallon, MO 63366  phone: 636-281-1982  email: hdunn@ecoanalysts.com | Michael Davison  Civil & Environmental Consultants, Inc.  333 Baldwin Road  Pittsburgh, PA 15205  phone: 412-429-2324 ext. 1160  800-365-2324  email: mdavison@cecinc.com |
| Sarah Veselka, Brian Carlson  AllStar Ecology, LLC.  1582 Meadowdale Rd. Fairmont, WV 26554 phone: 304-816-3490  toll free: 866-213-2666 cell: 304-282-9493 email: sarah@allstarecology.com | Casey Swecker, Kyle McGill, John Spaeth, Adam Benshoff, David Foltz  Environmental Solutions & Innovations, Inc.  8 Betty Lane  Scott Depot WV 25560  phone: 304-760-5803  cell: 304-633-5808  email: cswecker@envsi.com |
| Greg Zimmerman, Marty Huehner, Ryan Schwegman, Dale Dunford, Philip Mathias  EnviroScience, Inc.  5070 Stow Road  Stow, OH 44224  phone: 330-688-0111  email: gzimmerman@enviroscienceinc.com | Chad Lewis, Clarissa Lawlis  Lewis Environmental Consulting, LLC  223 Rocky Lane  Farmington, KY 42040  phone: 270-489-6711  cell: 270-227-6935  email: lewis\_environmental@yahoo.com |
| Matt Johnson  EnviroScience, Inc.  1722 General George Patton Drive,  Suite B100  Brentwood, TN 37027  phone: 809-943-3457  email: [matt.johnson@enviroscienceinc.com](mailto:matt.johnson@enviroscienceinc.com) | Becca Winterringer, Lindsey Moss  TRC Environmental Corp.  Cleveland, Ohio  phone: 216-403-6041  email: [rwinterringer@trcsolutions.com](mailto:rwinterringer@trcsolutions.com)  email: LMoss@trcsolutions.com |
| Gerald Dinkins  Dinkins Biological Consulting. LLC  PO Box 1851  3720 West Beaver Creek Drive  Powell, TN 37849  phone: 865-938-7739  fax: 865-938-5081  email: biodink@frontiernet.net | Dr. Michael Hoggarth  Otterbein University  Dept. of Biology and Earth Science  Science Hall 306  Westerville, OH 43081  phone: 614-823-1667  cell: 614-374-7724  email: mhoggarth@otterbein.edu |
| Doug Locy  Aquatic Systems, Inc.  4621 Baptist Road  Pittsburgh, PA 15227  phone: 412-427-2758  email: aquatic.systems@comcast.net | James Kiser, Cody Fleece  Stantec Consulting Services, Inc.  10509 Timberwood Circle, Suite 100  Louisville, KY 40223  phone: 502-396-3199  email: james.kiser@stantec.com |
| Charlie Morgan  Mainstream Commercial Divers, INC.  322 C.C. Lowry Drive  Murray, KY 42071  phone: 270-753-9654  fax: 270-753-0165  email: charlie@mainstreamdivers.com | Price Sewell  Copperhead Environmental Consulting, Inc.  11641 Richmond Rd.  P.O. Box 73  Paint Lick, KY 40461  phone: 859-925-9012  email: www.copperheadconsulting.com |
| Travis Brown  WEST, Inc.  408 West 6th Street  Bloomington, IN 47404  phone: (812) 339-1756 ext. 8  cell: (812) 272-2054  email: tbrown@west-inc.com | Joseph C. Snavely  Normandeau Associated, Inc.  400 Old Reading Pike, Building A, Suite 101  Stowe, PA 19464  phone: 484-945-2631  cell: 267-644-8928  email: jsnavely@normandeau.com |
| Nathan Click (Group 1 and 3 only)  200 Mero Street  Frankfort, KY 40622  phone: 502-782-5009  email: Nathan.click@ky.gov | William A. Tolin (Group 1 Only)  4528 Georgetown Rd  Elkins, WV 26241  phone: 304-636-6004  email: tolinwilliam9@gmail.com |
| Robert Oney (Group 1 & 3 Only)  Jackson Group  3945 Simpson Lane  Richmond, KY 40475  phone: 859-200-6061  email: roney@jacksongroupco.com | Ben Humphrey (Group 1 and 3 only)  cell: 704-778-6096  email: ben.s.humphrey522@gmail.com |
| Jeff Hawkins  Kentucky Division of Water  Water Quality Monitoring Section  300 Sower Blvd, 3rd Floor WK#22  Frankfort, KY 40601  Office: 502-782-6274  Lab: 502-782-6144  Cell: 859-339-9414  Email: Jeffrey.hawkins@ky.gov | Steve Johnson (Pending)  SWCA Environmental Consultants  15 Research Drive  Amherst, MA 01002  Phone: 413.256.0202  Cell: 413-323-5748 |
| Jeff Gordon  Lawhon & Associates, Inc.  Office: 614.481.8600  Cell: 614.593.1530  Fax: 614.481.8610  Jgordon@lawhon-assoc.com |  |

\* This list includes *individuals* who are certified to conduct surveys for freshwater mussels, this list may not include all individuals qualified to conduct such surveys. Inclusion of names on this list does not constitute endorsement by the WV Division of Natural Resources (WVDNR), the US Fish and Wildlife Service, nor any other government agency. **A WV Scientific Collecting Permit is required from the WVDNR to sample mussels in WV**.

Other contractors may be used but must be approved. See qualifications below.

**WV Certified Mussel Surveyor:** All mussels are protected in the State of West Virginia thus any construction activities such as construction of pipeline crossings on mussel streams first require a mussel survey. You must be certified to be able to conduct such surveys. Certification is in two parts.

* Identification testing is required through the WVDNR.
  + Approved for endangered species streams (Groups 2 and 4):  overall score of 85% and score 100% on the endangered species.
  + Non-endangered mussel streams (Groups 1 and 3): overall score of 85%.
  + The test is closed book and closed shell (simulating live condition).
* Must possess adequate experience and submit references.
  + Endangered species streams (Groups 2 and 4): at least 3 years of field experience conducting surveys similar to the WV Mussel Survey Protocols and submit two acceptable letters of reference.
  + Non-endangered species streams (Groups 1 and 3): at least 2 years of field experience conducting surveys similar to the WV Mussel Survey Protocols and submit two acceptable letters of reference.
  + To maintain certification the surveyor must:
    - Provide documentation that the surveyor is maintaining familiarity with WV’s federally listed species through training or fieldwork. Minimum requirements based on a running two year average: Must handle 5 individuals (5 each of males and females if applicable) of each species per year in the field; or 0.5 hours per species in a museum or reference collection. Specimens can be from outside WV.
    - Provide training hours and location of reference collection with approximate number of each federally listed species, by sex, handled each year.
      * If reference collection is not a recognized museum such as Ohio State University, Carnegie, etc. then the collection must have prior approval from the State Mussel Program leader.
    - Provide approximate number of each federally listed species, by sex, handled each year in the field.
    - Provide a yearly tally of number of surveys conducted by Stream Group. These may include surveys in other states and placed into equivalent Stream Group.
    - Reporting is due February 15 for the previous year’s efforts.

**Additional Individuals for Group 1 & 3 only. Not listed above as someone in company already approved for all levels:**

Taylor Fagin, Copperhead Environmental Consulting, Inc.

Mitchell Kriege, Environmental Solutions and Innovations, Inc.

Aaron Prewitt, Environmental Solutions and Innovations, Inc.

Sarah Bender, TRC Environmental Corp.