

Name Robert J. Montione

Title

Senior Environmental Scientist at Earth Tech Inc.

Education

MA, Aquatic Biology, State University College, Oneonta, New York, 1989

BS, Biology (Ecology and Systematics), Cornell University, 1980

Training and Certifications

Courses in Statistics and Toxicology, University of Rochester, 1981-1983

Seven-Week Course in Environmental Health, New York State Health Department, 1987

Earth Tech Health & Safety Training and Certifications

01 - Safety Orientation 02/03/2005

02 - Hazard Communication (US) /WHMIS (Canada) 06/20/2005

03 - Defensive Driving Awareness Training 06/12/2006

14 - Office Ergonomics Training 06/20/2005

15 - First Aid 01/20/2005

16 - CPR 01/20/2005

20 - HAZWOPER 40-Hour 09/18/1987

21 - HAZWOPER Refresher 8-Hour 10/03/2006

22 - HAZWOPER Supervisor 8-Hour 09/09/2005

30 - Respiratory Protection Training 10/03/2006

31 - Hearing Protection Training 10/03/2006

34 - General Excavation Safety Training 10/03/2006

35 - Trench/Excavation Safety Training 10/03/2006

Confined Space Entrant Attendant & Supervisor 06/14/2002

Medical Monitoring 09/18/2006

Professional Registrations

Emergency Medical Technician, New York,

Experience Summary

Mr. Montione has 26 years of varied experience in the environmental field, having been employed in private, government, and academic positions where he has worked in regulatory, laboratory, research, and teaching situations. Mr. Montione has a technical background and experience in a number of different environmental topics. He was the primary investigator on a research project on the bioaccumulation of PCBs in fish (submitted to a peer review journal), and was responsible for conducting the air sampling for PCBs along the Hudson River as part of an ongoing epidemiological study on the neurological effects of PCBs. He was responsible for the development of a laboratory method for quantifying fuel oil in drinking water, which was presented at the 32nd Mid-Atlantic States Industrial and Hazardous Waste Conference. He also has experience in fisheries and macroinvertebrate taxonomy and biology.

Project Experience

Site Assessment and Remediation

New York State Department of Environmental Conservation, Onondaga Lake Remedial

Investigation and Feasibility Study, Syracuse, New York. Provided a wide variety of services for remedial activities at the Onondaga Lake National Priorities List (NPL) site and at several key sites impacting the Onondaga Lake watershed, including document review, document writing, the development of sampling plans, sampling, and data analysis and interpretation. Prepared and/or reviewed various reports including remedial investigations, risk assessments, work plans, and interim remedial measure documents. Primary author for remedial investigation report for Onondaga Lake submitted in 2002. The RI report details the sources of contaminants to the lake, the nature and extent of contamination resulting from numerous inorganic and organic compounds, including mercury, BTEX, chlorinated benzenes, PAHs, PCBs, and dioxins/furans, and the fate and transport of these compounds. Media evaluated include sediment, water, fish, porewater, groundwater, and wetland soil. Also assisted in the preparation of the legal determinations that specified numerous deficiencies in the original documents prepared by the responsible party. Reviewed and provided comments on the draft (2003) and revised (2004) feasibility study for the lake site prepared by the PRP. One of primary authors of the proposed plan for the Onondaga Lake site. Provided review and field oversight on initial phase of predesign investigation. [2001 - present]

Honeywell Wastebeds 1 to 8. Provided review, and technical comments for the remedial investigation/feasibility study work plan, prepared by the PRP, on this sub-site of the Onondaga Lake NPL site. [2005 - present]

New York State Department of Environmental Conservation, Cumberland Bay PCB Site Post-Remedial Monitoring, Plattsburgh, New York. Assisted in compilation of data collected during monitoring period after sediment removal project and was primary author of the 5 Year Review – Post Remediation Monitoring Report. [2004 - present]

New York State Department of Environmental Conservation, Willis Avenue Chlorobenzene Site RI/FS, Syracuse, New York. Provided review, and technical comments for the remedial investigation report, prepared by the PRP, on this sub-site of the Onondaga Lake NPL site. [2002 - present]

New York State Department of Environmental Conservation, Harbor Brook / Wastebed B RI/FS, Syracuse, New York. Provided review, and technical comments for the remedial investigation report, prepared by the PRP, on this sub-site of the Onondaga Lake NPL site. [2002 - present]

New York State Department of Environmental Conservation, Geddes Brook / Ninemile Creek RI/FS, Syracuse, New York. Provided review, and technical comments for the remedial investigation report, prepared by the PRP. Author on rewrite of the RI for the NYSDEC (2003) on this sub-site of the Onondaga Lake NPL site. Provided review and technical comments on feasibility study report prepared by the PRP (2004). [2002 - present]

New York State Department of Environmental Conservation, Maestri II Remedial Investigation, Geddes, New York. Provided document review for this sub-site of the Onondaga Lake NPL site, including identification of data gaps and recommendations for additional sampling. [2001]

New York State Department of Environmental Conservation, General Motors - Inland Fisher Guide Remedial Investigation, Feasibility Study, Syracuse, New York. Provided document review and coordinated/compiled interagency comments for this sub-site of the Onondaga Lake NPL site. [2001]

USEPA - Region II, Waldick Aerospace, Predesign Investigation, Seagrot, New Jersey. Developed a sampling work plan for the assessment of monitored natural attenuation of off-site groundwater. [2001]

USEPA - Region IV, LCP, Remedial Investigation, Brunswick, Georgia. Developed site specific health and safety plan for the initial site visit. [2001]

New York State Department of Law, Reynolds Aluminum, Massena, New York. Developed a site specific health and safety plan for a sediment and biota sampling event. [2001]

Hazardous and Toxic Waste

New York State Department of Health, Bureau of Environmental Exposure Investigation, Albany, New York. Public health specialist responsible for inspecting inactive hazardous waste sites, and reviewing and overseeing investigations and remedial actions at waste sites. Investigated, assessed, and mitigated the exposure of the public to hazardous and toxic substances. Evaluated and communicated health risks to the public; negotiated with responsible parties; coordinated activities with federal, state, and local agencies; conducted sampling and literature searches; performed data analysis and interpretation; prepared assessments; conducted research; and supervised personnel. Project manager for more than 70 inactive hazardous waste sites including the Hudson River PCB site and the Onondaga Lake mercury site, plus oil spills and pesticide misapplications. Provided laboratory coordination, environmental sampling, hydrology, chemistry, health and safety plans, human health risk assessments, engineering, and negotiations. Assessed migration of fugitive from sites under active remediation (e.g., Abilene – Orkin Pesticide site, South Glens Falls Dragstrip PCB site), reviewed or conducted hydrogeologic investigations (e.g., Scotia Naval Depot, GE Hudson Falls and Fort Edward Plant sites, Sidney Landfill, Wallace and Sons, and many others). Assessed air impacts (e.g., Hudson River PCBs, GE Hudson Falls) Explained to the public (privately and in public forums) how all of these issues relate to their health and well being, as well as the department's role in protecting their health. [1987 - 2001]

Natural Resources

Cornell University, US Fish and Wildlife Co-op Unit, New York. Research support specialist for insect taxonomy on a project investigating the effects of liming on acidified lakes in the Adirondack Mountains. Collected benthic, water, and fish samples; processed samples, and identified and enumerated invertebrates. [1985 - 1986]

State University College at Oneonta, New York. Prepared a thesis that involved an initial macroinvertebrate survey of a littoral wetland on Otsego Lake, Cooperstown, New York. [1983 - 1985]

Monroe County Health Department, New York. Worked on a federal research project involving contaminant and nutrient flow in the Irondequoit Bay watershed. Also conducted landfill and drinking water monitoring. Collected samples, reported laboratory analysis data, collected hydrologic data, implemented methodologies for the Department, and trained new staff. Conducted extensive stream and lake sampling, and chemical analyses for numerous parameters. [1980 - 1983]

New York Agricultural Experimental Station, Geneva, New York. Assisted in the fall

sampling for the Integrated Pest Management Program of Wayne County. [1980]

Cornell Biological Field Station at Oneida Lake, Bridgeport, New York. Summer intern responsible for an individual project on the effects of phytoplankton concentration on zooplankton production. [1979]

Teaching

State University College at Oneonta, New York. Taught microbiology laboratory and supervised laboratory preparations. [1983 - 1985]

Conference Presentations

Robert Montione, Michael Spera, Kelly Robinson, Helen, Chernoff. Development of Sediment Remediation Goals for the Onondaga Lake, NY Superfund Site. Fourth International Conference on Remediation of Contaminated Sediments, January 24-27, 2007

Poster Session, Identification of Recent Markers for Sediment Dating in Onondaga Lake, Robert Montione, Kelly Robinson, and Michael L. Spera, Seventh Annual Onondaga Lake Scientific Forum, November 11, 2005

Solomon S. Gbondo-Tugbawa, Robert Montione, Edward Garvey, Michael Spera, Kelly Robinson, Celeste Foster, and Colby Snyder, "Dynamics of Mercury in Onondaga Lake, New York. Third International Conference on Remediation of Contaminated Sediments, January 24-27, 2005

Montione, R., Edward Garvey, Michael L. Spera, Kelly Robinson, Solomon Gbondo-Tugbawa, Colby Snyder, "The Onondaga Lake Remedial Investigation, Documentation of an In-Lake Waste Deposit," Fifth Annual Onondaga Lake Scientific Forum, November 21, 2004.

Publications

Montione, R., Wilson, L., Shost, S., Richards, A. and R. Pause, "Relative Importance of Food Ingestion and Direct Uptake from Water among Fish Accumulating Polychlorinated Biphenyls in the Hudson River," submitted to peer review journal, September 2001.

Montione, R. Bucciferro, A., Policastro, B. and L. Wilson, "Detecting Fuel Oil Contamination in Drinking Water," *Proceedings of the Thirty-Second Mid-Atlantic Industrial and Hazardous Waste Conference*, Technomic Publishing Co., Inc, pp. 744-755, 2000.

Montione, R., "The Aquatic Invertebrates of Goodyear Swamp Sanctuary, Otsego Lake, Otsego County, NY," *Occasional Paper No. 21*, Biological Field Station, Cooperstown, NY, Biology Department, State University College at Oneonta, 1989.

Employment History

06/2001 - present, Earth Tech

1987 - 2001, New York State Department of Health, Public Health Specialist

1985 - 1986, Cornell University, US Fish and Wildlife Co-op Unit, Research Support Specialist

1983 - 1985, State University College at Oneonta, New York

1980 - 1983, Monroe County Health Department, Laboratory Technician

1980, New York Agricultural Experimental Station, Assistant
1979, Cornell Biological Field Station at Oneida Lake, Summer Intern