



Jennifer Jones

Senior Scientist

Expertise

- Environmental data analysis and interpretation
- Arcpy, ArcGIS Desktop and Pro, MS Access, and R programming
- Technical writing
- Environmental science and policy

Summary

Jennifer Jones is a senior scientist with 10 years of experience in cross-functional environmental problem solving in the U.S. and abroad. Ms. Jones has extensive experience collecting, analyzing, and interpreting environmental data and historical records to provide sound and scientifically defensible litigation support, particularly pertaining to environmental allocation and forensics.

Professional Experience

Senior Consultant, Ramboll US Corp., Portland, ME

Ms. Jones reviewed and summarized chemical analytical data, scientific literature, and historical records to explore contaminant sources and support arguments in litigation and mediation. She conducted data preparation, data quality review, exploratory data analysis, multivariate statistical analysis, and data visualization. She designed, developed, and integrated quantitative and geospatial databases. Ms. Jones also lead and managed Phase I Environmental Site Assessments and desktop reviews in association with mergers and acquisitions. She interfaced with clients, governmental agencies, and other stakeholders.

Hydrological Technician, Center for the Environment, Plymouth, NH

Ms. Jones performed lab analysis and data interpretation of liquid water isotopes, pH, conductivity, and turbidity for volunteers through written reports and figures. She trained and coordinated volunteers in data collection for state-wide volunteer-based network of water sensors and simultaneous water quality sampling events at over 100 locations in rivers and streams throughout New Hampshire.

Fluvial Geomorphological Technician, Field Geology Services, Farmington, NE

Ms. Jones performed river assessments for watershed-wide resource investigations. She assessed habitat quality, flood risks, stream class and condition, and the structural integrity and functionality of bridges, culverts, and dams. She also communicated with USGS (client) and landowners.

Academic Qualifications

MS in Environmental Science & Policy, Plymouth State University, 2015

BS in Environmental Science, Minor in Chemistry, Franklin Pierce University, 2013

Professional Training

- Certified Ecologist – Ecological Society of America
- 40-Hour OSHA Hazardous Waste Operations (HAZWOPER) Safety Training
- Heartsaver CPR and First Aid Training

Publications and Presentations

Dell, L., P. Fuchsman, J. Jones, S. Kruse, H. Clewell. 2023. Potential Impact of the Changing Regulatory Climate on Fish Consumption Advisories for Perfluorooctane Sulfonic Acid (PFOS).

Battelle International Conference on the Remediation and Management of Contaminated Sediments. Austin, TX.

Bell, J., R. Mandel, A. Brainard, J. Altschuld, and R. Wenning. 2022. Environmental Monitoring Tools and Strategies in Salmon Net Pen Aquaculture. *Integrated Environmental Assessment and Management*. 18:4. 888-891.

Bock, M., L. Brown, L., R. Wenning, and J. Bell. 2021. Sources of 2,3,7,8-Tetrachlorodibenzo-p-dioxin and Other Dioxins in Lower Passaic River, NJ, Sediments. *Environmental Toxicology and Chemistry*. 40:5. 1499-1519.

Fuchsman, P., K. Leigh, K. Feters, J. Bell, R. Sandvig, S. Song, and P. Booth. 2019. Risk analysis and sediment delineation upstream of a dam slated for probable removal. Tenth International Conference on the Remediation and Management of Contaminated Sediments. New Orleans, LA.

Bell, J., S. Crystall, W. Nichols, J. Boyer, and M. Pruyn. 2018. Floristic Quality Assessment as an indicator of human disturbance in forested wetlands of Northern New England. *Ecological Indicators*. 83:227-231.

Bell, J., P. Fuchsman, and L. Brown. 2017. Estimating lead risks to songbirds: dietary doses versus blood bioaccumulation estimates. Society of Environmental Toxicology and Chemistry North America 38th Annual Meeting. Minneapolis, MN.

Fuchsman, P., J. Bell Taylor, L. Brown, and S. Yu. 2017. Dose-response relationships for metal effects on avian reproduction: cadmium, selenomethionine, vanadium, and zinc. Society of Environmental Toxicology and Chemistry North America 38th Annual Meeting. Minneapolis, MN.

Koning, C. and J. Bell. 2014. Impact of Rapid Infiltration Beds (RIBs) on hydrology, vegetation and chemistry of a forested wetland. *Wetland Science and Practice*. 31:4. 16-21.