Assessment of Biodiversity and Ecological Uplift Potential to Leverage Natural Capital

Randy Mandel¹ and Galen Peracca²

¹Principal Ecologist – Biodiversity and Nature Restoration, Montrose Environmental Solutions, New Castle, CO, USA ²Senior Managing Consultant, Ramboll Environmental, ME, USA

An essential factor to determine a property's ecological status is the comparison of its current condition versus its potential by examination of reference areas of similar physiography and habitat type. Such comparison can be used to determine uplift potential through quantification of its ecological services such as biodiversity, habitat value, overall condition, and connectivity. As such, this presentation focuses on coupling on-site assessment with remote analysis to inform decision-making.

<u>Contact Information</u>: Randy Mandel, Principal – Biodiversity & Nature Restoration, Montrose Environmental Solutions, 7040 County Road 214, New Castle, CO, 81647, Phone: 970.379.3169, Email: ramandel@montrose-env.com