Landscape scale conservation plans provide guidance to restoration practitioners on where to restore. Practitioners carry out restoration actions based on these plans, but capacity for long term monitoring and assessment of cumulative project success is limited. The challenge for watershed management agencies lies in assessing success in translating their landscape-scale conservation plans into on-the-ground restored ecosystems. We present ways in which our agency, managing an urban-rural watershed, facilitates collaboration between science staff and restoration practitioners to assess cumulative outcomes of restoration projects over time. Such collaboration can help improve long term success rates of restoration projects and close the loop on adaptive environmental management.