Fourth Lake Species Richness surface_12s Community Composition surface_12s 0.3 4.0 0.3 Mantel correlation Mantel correlation 0.2 0.1 0.1 9.7 0.0005 0.0010 0.0015 0.0020 0.0025 0.0030 0.0005 0.0010 0.0015 0.0025 0.0030 Distance class index Distance class index Species Richness benthic_12s Community Composition benthic_12s 0.4 Mantel correlation Mantel correlation 0.2 0.2 0.0 0.0 -0.2 -0.2 0.0005 0.0010 0.0015 0.0020 0.0025 0.0005 0.0010 0.0015 0.0020 0.0025 Distance class index Distance class index Species Richness surface_16s Community Composition surface_16s 0.2 0.1 Mantel correlation Mantel correlation 0.3 0.0 0.1 -0.1 -0.2 -0.1 0.0005 0.0010 0.0015 0.0020 0.0025 0.0030 0.0035 0.0005 0.0010 0.0015 0.0020 0.0025 0.0030 0.0035 Distance class index Distance class index Species Richness benthic_16s Community Composition benthic_16s 9.0 Mantel correlation 0.4 0.1

