S2-119-2014 Boxplot Test Sample: S2-119-2014 Status - Not Impaired Reference samples: S12-216-2009 S12-216-2011 S2-21-2007 S2-21-2010 S2-10-2010 S2-10-2007 S12-151-2005 S12-151-2009 S2-10-2012 S12-151-2011 32 35 38 41

30.Percent.Predator

31.Percent.Scraper

32.Percent.Shredder

33.Percent.Filter

34.Percent.Gatherer

35.Scraper.to.Shredder.Collector

36.Percent.Clinger 20 23 16.EPT.Richness 9 11 14 17 26 29 S5-28-2011 ö 2.Simpson 3.Shannon S5-28-2006 17.Ephem.Richness 18.Percent.Ephem 19.Plec.Richness 20.Percent.Plec S5-28-2009 4.Percent.Dominance S2-196-2010 5.Percent.Oligochaeta 6.Percent.Chironomidae S2-196-2007 21.Trich.Richness 7.Percent.Isopoda 36.Percent.Clinger 37.Percent.Burrower 22.Percent.Trich 8.Percent.Amphipoda 23.EPT.per.EPT.and.Chir 24.Percent.Non.Chir.Dip 9.Percent.Coleoptera 38.Percent.Sprawler 10.Coleo.as.Elmidae 25.Percent.CIGH 39. Burrower. to. Sprawler. Clinger 11.Trich.as.Hydropsychidae 12.Ephem.as.Baetidae 26.Intolerants.Richness 40.0:E 27.Percent.Intolerants 41.Bray-Curtis 13.Percent.EPT 28.HBI 42.CA1 14.Percent.mEPT 29.CEFI 43.CA2 **CA Plot** Nearest Neighbour Ordination for S2-119-2014 8  $\alpha$ Odonata; Aeshnidae S5-28-2006 Nemata;Nemata N Diptera;Simuliidae Oligochaeta;Oligochaeta RDA 2 (25.4%) CA2 18.2 % \$12-216-2011 Eph \$2021-2010 \$12-216-2009 0 0 S12-152-2009007rbellaria S2-119-2014 d Elecentera Friends Trichoptera Friendscopperatificate poi -2000 • \$1<u>2</u>-216-2009 • 7 8 Ephemerophera: Caepidae eridae Ephemerophera: Ephem \$1<del>2</del>=151<u>=2</u>005 7 4 \_4 -2 0 2 -2 0 2 RDA 1 (33.5%) CA1 23.6 % S2-119-2014 S2-119-2014 PCoA Plot MDS 31.6 % 0 S2-196-2007 7 Jacknife Consistency 93.% 7 S2-21-2007 test-site 0 2 4 6 8 -2 0 Mahalanobis Distance MDS 40.0 %